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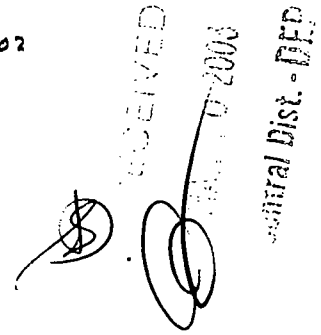

Mr. James N. Bradner, PE
Solid Waste Program Manager
Florida Department of Environmental Protection
3319 Maguire Boulevard Suite 232
Orlando, Florida 32803-3767

Subject: June 1999 Through December 2002 Biennial Report, Tomoka Farms Road Landfill, Volusia County, Florida, FDEP Permit Number S064-0078767-008 and S064-0078767-013

Dear Mr. Bradner:

On behalf of Volusia County Solid Waste Division (County), SCS Engineers (SCS) is pleased to provide the Central District of the Florida Department of Environmental Protection (FDEP) with two copies of the biennial report of the semi-annual water monitoring activities for the Tomoka Farms Road Landfill (the site), Volusia County, Florida. This report provides site background information, a summary of the monitoring program, groundwater flow assessment, a summary and interpretation of the data, and assessment of the monitoring program.

BACKGROUND

The North Class I Landfill cell operates under FDEP permit no. S064-0078767-008 and SO64-0078767-013. The Class III Landfill cell operates under FDEP permit no. SO64-00787-013. The South Class I cell is being closed under closure permit no. SF64-0078767. Specific conditions of the permits require that a report "be submitted to the FDEP by the Permittee summarizing and interpreting the water quality data and water level measurements collected during the past four years." The monitoring period discussed within this report includes eight semi-annual sampling events conducted from June 1999 to December 2002.

MONITORING PROGRAM SUMMARY

The monitoring program consists of surficial aquifer groundwater, Floridan aquifer groundwater, surface water monitoring, and leachate water quality monitoring. The following sections provide a summary of the current monitoring program for each media.

Groundwater

The groundwater monitoring system is described in Specific Conditions in the permits. Groundwater is monitored through Background and Compliance wells in the surficial and Floridan aquifers.

A construction detail summary for the 48 monitoring wells included in the monitoring systems is presented on Table 1 in Attachment A. Well locations for each monitored zone are shown on the site figures included in Attachment B.

Groundwater samples are collected semi-annually and analyzed by an approved environmental laboratory for the parameters identified in the FDEP permits. The results of the laboratory analyses are summarized in tables in Attachment A. The monitoring data discussed in this biennial report (reporting period) include the following sampling periods:

- June 1999
- December 1999
- June 2000
- December 2000
- June 2001
- December 2001
- June 2002
- November/December 2002

Due to low groundwater conditions or well destruction, samples could not be obtained from the following monitoring wells:

- BB-1 (June 1999, June 2000, December 2000, and June 2001)
- B-32 (June 1999, December 1999, June 2000, December 2000, and June 2001)
- B33-2 (June 1999, December 2001, November 2002)
- B40-2 (June 1999), B41-2 (June 1999)
- B42-2 (June 1999)
- B58-2 (June 1999 and June 2000)
- B59-1 (December 2001)
- B59-2 (June 1999 and June 2000)
- B-61 (December 2000, June 2001, December 2001, and June 2002)
- B62-1 (June 1999, December 1999, June 2000, December 2000, June 2001, December 2001, and June 2002)
- B62-2 (June 2000, December 2000, June 2001, December 2001, and June 2002)
- B-65 (June 1999)
- FA-1B (June 2000)

Surface Water

The surface water system is described in Specific Conditions in the permit. Surface water is monitored through the collection of surface water samples from the following eight sampling locations:

- SW-1
- SW-2
- SW-3
- SW-4
- SW-5
- SW-6
- SW-9
- SW-10

Surface water sampling locations are shown on Figure 1 included in Attachment B.

Due to low surface water conditions samples could not be obtained from the following surface water sampling locations:

- SW-3 (June 1999, June 2000, June 2001, and November 2002)
- SW-4 (June 1999, June 2000, December 2000, and June 2001)
- SW-6 (June 2002)
- SW-9 (June 1999)
- SW-10 (June 1999)

Leachate

Leachate monitoring is described in Specific Conditions in the permit. Leachate is monitored through the collection of leachate samples from the North Leachate Pond.

SEMI-ANNUAL QUALITY DATA SUMMARY

A summary of water quality data collected from the monitoring wells and surface water monitoring locations at the site is presented in the following sections. This summary includes groundwater and surface water quality data collected from these locations during the monitoring period. Information concerning groundwater and surface water quality data also was presented to the FDEP in the semi-annual water quality data monitoring reports.

Groundwater Quality Regulatory Exceedances and Trend Analysis

Attachment A includes summary tables of groundwater monitoring well water quality detections and exceedences compiled by SCS from laboratory analyses and previous semi-annual water quality data monitoring reports. Attachment C includes trend analyses charts compiled from the exceedences data tables. Trend analyses charts were developed for those leachate key indicator parameters and for those constituents with concentrations in excess of the FDEP groundwater standards or criteria.

Constituents detected in groundwater samples at concentrations above FDEP primary and secondary drinking water standards and FDEP Groundwater cleanup target levels include the following

- 1,1,2,2-tetrachloroethane
- ammonia
- benzene
- beryllium
- cadmium
- chloride
- iron
- lead
- nickel
- nitrate
- pH
- sodium
- sulfate
- thallium
- total dissolved solids (TDS)
- vanadium
- vinyl chloride

Exceedences were detected in both background and detection monitoring wells. Discussions of the trends for those parameters that exceed the regulatory criteria from the eight sampling events during the monitoring period are provided below.

1,1,2,2-Tetrachloroethane – Although not a Primary Drinking Water Standard (PDWS) nor Secondary Drinking Water Standard (SDWS) 1,1,2,2-tetrachloroethane historically has been below the the groundwater cleanup target level (GCTL) of 0.2 micrograms per liter (ug/L) in all monitored wells. However, 1,1,2,2-tetrachloroethane was detected at a concentration of 0.69 ug/L, which exceeded the GCTL in surficial monitoring well B5-B during the June 1999

monitoring event. The 1,1,2,2-tetrachloroethane concentrations in this well subsequently decreased to below detection levels and have remained below detection since December 1999. No 1,1,2,2-tetrachloroethane detection trends were observed for the reporting period. 1,1,2,2-Tetrachloroethane was not detected above the GCTL in the Floridan monitoring wells.

Ammonia – Although not a PDWS nor SDWS ammonia nitrogen was consistently detected above the GCTL of 2.8 milligrams per liter (mg/L) in surficial monitoring well B-1B, B41-1, B43-1, and B-61. Surficial monitoring wells B-1B, B41-1, and B-61 are in hydraulically down gradient locations at the site and surficial monitoring well B43-1 is in a cross gradient location at the site. Ammonia nitrogen was detected above the GCTL in surficial monitoring wells B-2B, B8-1, B35-2, B37-1, B38-2, B40-2, B41-2, B42-2, B43-2, B62-1, B62-2, B-66, and MO-5B at variable time periods. Surficial monitoring wells B8-1, B37-1, B38-2, B40-2, B41-2, B42-2, B43-2, B62-1, B62-2, B-66, and M0-5B are in down gradient and cross gradient locations at the site. Surficial monitoring wells B-2B and B35-2 are in up gradient locations at the site. There was an increasing trend of ammonia concentrations in surficial monitoring well B41-1. No other definitive trends were observed for ammonia concentrations for the other monitoring wells. Ammonia was not detected above the GCTL in the Floridan monitoring wells.

Benzene – Benzene was consistently detected above the PDWS of 1 ug/L in surficial monitoring wells B-36, B37-1, B41-1, B43-1, and B45-1. Surficial monitoring wells B37-1, B41-1, B43-1, and B45-1 are in hydraulically down gradient and cross gradient locations at the site and surficial monitoring well B-36 is in an up gradient location at the site. Benzene concentrations were detected above the PDWS of 1 ug/L in surficial monitoring wells B-2B, B35-1, B, 35-2, B37-2, B41-2, B43-2, and B62-1 at variable time periods. Surficial monitoring wells B37-2, B41-2, B43-2, and B62-1 are in down gradient and cross gradient locations at the site. Surficial monitoring wells B-2B, B35-1, and B35-2 are in up gradient locations at the site. No benzene detection trends were observed for the reporting period. Benzene was not detected above the PDWS in the Floridan monitoring wells.

Beryllium – Beryllium was detected above the PDWS of 4 ug/L in surficial monitoring well B58-2 during the December 1999, December 2000, and June 2001 monitoring events. The beryllium concentrations in this well subsequently decreased to below detection levels and have remained below detection since December 2001. No beryllium detection trends were observed for the reporting period. Beryllium was not detected above the PDWS in the Floridan monitoring wells.

Cadmium – Cadmium historically has been below the PDWS of 5 ug/L in all monitored wells. However, cadmium was detected at a concentration which exceeded the PDWS in surficial monitoring wells B41-1, B42-1, B43-1, and B62-2 during the June 1999 monitoring event. The cadmium concentrations in the monitored wells subsequently decreased to below the PDWS and have remained below the PDWS since December 1999. No cadmium

detection trends were observed for the reporting period. Cadmium was not detected above the PDWS in the Floridan monitoring wells.

Chloride – Chloride was consistently detected above SDWS of 250 mg/L in surficial monitoring wells B45-1. Chloride was detected above the SDWS in surficial monitoring well B33-2 (June 2002), B41-1 (June 1999 and December 1999), B45-2 (June 2000), B-61 (December 1999 and June 2000), B 62-1 (November 2002), and B62-2 (June 1999). These wells are in down gradient and cross gradient locations at the site. There were no definitive trends in chromium concentrations observed for the reporting period. Chloride was not detected above the SDWS in the Floridan monitoring wells.

Iron – Iron was consistently detected above the SDWS of 300 ug/L in all monitored surficial monitoring wells. These wells are in upgradient, cross gradient, and downgradient locations at the site. There were no definitive trends in iron concentrations observed during the reporting period. Iron was not detected above the SDWS in the Floridan monitoring wells.

Lead – Lead was detected above the PDWS of 15 ug/L in surficial monitoring wells M37-1 (June 1999), M45-1 (June 1999), and M58-1 (December 1999). The lead concentrations in the monitored wells subsequently decreased to below the PDWS and have remained below the PDWS since June 2000. These wells are in down gradient locations at the site. There were no definitive trends in lead concentrations observed during this reporting period. Lead was not detected above the PDWS in the Floridan monitoring wells.

Nickel – Nickel historically has been below the PDWS of 100 ug/L in all monitored wells. However, nickel was detected at a concentration which exceeded the PDWS in surficial monitoring well B-61 during the June 1999 monitoring event. The nickel concentration in the monitored well subsequently decreased to below the PDWS and have remained below the PDWS since December 1999. No nickel detection trends were observed for the reporting period. Nickel was not detected above the PDWS in the Floridan monitoring wells.

Nitrate – Nitrate historically has been below the PDWS of 10 mg/L in all monitored wells. However, nitrate was detected at a concentration, that exceeded the PDWS in surficial monitoring wells B-33-2 (June 2000) and B34-1 (June 2002). The nitrate concentrations in the monitored wells subsequently decreased to below the PDWS and have remained below the PDWS since December 2000 and December 2002 respectively. No nitrate detection trends were observed for the reporting period. Nitrate was not detected above the PDWS in the Floridan monitoring wells.

pH – pH measurements consistently have been outside (below) of the SDWS range of 6.5-8.5 in surficial monitoring B-1B, B-2B, B8-2, B11-B, B35-1, B35-2, B36, B37-1, B37-2, B38-1, B38-2, B-39, B40-1, B40-2, B41-1, B42-1, B42-2, B43-1, B43-2, B44, B45-1, B45-2, B58-1, B58-2, B-60, B-64, B-65, B-66, B-68, and M0-5B. pH measurements occasionally (one to

three monitoring events) have been outside (below) the SDWS range of 6.5-8.5 in surficial monitoring wells B-5B, B8-1, B-32, B33-1, B33-2, B34-1, B34-2, B41-2, B59-1, B59-2, B61, B62-1, B63-1, B62-2, B63-2, and B-67. pH measurements occasionally (one to three monitoring events) have been outside (below or above) of the SDWS range of 6.5-8.5 in Floridan monitoring wells FA-1B and FA-2C. Decreases and increases in pH measurements observed during the reporting period were consistent for a majority of the monitoring wells indicating rising and falling trends in pH in the aquifers at the site over time.

Sodium – Sodium was consistently detected above the SDWS of 160 mg/L surficial monitoring wells B33-1, B37-1, B41-1, and B45-1. These wells are in down gradient and cross gradient locations at the site. Sodium was detected above the PDWS in surficial monitoring wells B33-2 (June 2002), B-61 (June 1999, December 1999, and June 2000), B62-1 (June 2002), and B62-2 (June 1999). There was a decreasing trend in sodium concentrations for surficial monitoring well B37-1. No other definitive trends were observed for sodium concentrations for the other monitoring wells. Sodium was not detected above the SDWS in the Floridan monitoring wells.

Sulfate – Sulfate was consistently detected above the SDWS of 250 mg/L in surficial monitoring well B-2B. This well is in a up gradient location at the site. Sulfate was detected above the SDWS in surficial monitoring wells B42-1 (June 2002), B42-2 (June 2001), B58-1 (December 1999 and November 2002), B-61 (December 1999, and November 2002), and B-65 (December 1999). There was a decreasing trend in sulfate concentrations for surficial monitoring well B-2B and an increasing trend in sulfate concentrations for surficial monitoring well B42-1. No other definitive trends were observed for sulfate concentrations for the other monitoring wells. Sulfate was not detected above the SDWS in the Floridan monitoring wells

Thallium – Thallium was detected above the PDWS of 2 ug/L in surficial monitoring wells B45-1 (June 2000 and June 2001), B45-2 (June 2000), B58-2 (December 2000), and B-64 (June 2000). No thallium detection trends were observed for the reporting period. Thallium was not detected above the PDWS in the Floridan monitoring wells.

TDS – Total dissolved solids (TDS) was consistently detected above the SDWS of 500 mg/L in surficial monitoring wells B-1B, B-2B, B-5B, B-36, B37-1, B41-1, B41-2, B42-1, B43-1, B45-1, B59-1, B59-2, B-61, B-64, and B-65. These wells are in up gradient, cross-gradient, and down gradient locations of the site. TDS concentrations were detected above the SDWS in surficial monitoring wells B33-2, B37-2, B38-2, B40-2, B42-2, B43-2, B45-2, B58-1, B-60, B62-1, B62-2, B63-1, B-66, B-67, B-68, and M0-5B at variable time periods. TDS historically has been below the SDWS of 500 mg/L in the Floridan aquifer monitored wells. However, TDS was detected at a concentration which exceeded the SDWS in Floridan monitoring well FA-2C during the June 2002 monitoring event. The TDS concentrations in

this monitored well subsequently decreased to below the SDWS during the December 2002 monitoring event.

Vanadium – Although not a PDWS nor SDWS, vanadium was detected above the GCTL of 49 ug/L in surficial monitoring well B59-1 during the December 1999 and June 2001 monitoring event. This well is in a down gradient location at the site. There were no definitive trends in vanadium concentrations observed during the reporting period. Vanadium was not detected above the GCTL in the Floridan monitoring wells.

Vinyl Chloride – Vinyl chloride was consistently detected above the PDWS of 1 ug/L in surficial monitoring wells B-36 and B37-2. Both wells are located in the southern side of the site. Surficial monitoring wells B-36 and B37-2 are in down gradient and cross gradient locations at the site. There were no definitive trends in vinyl chloride concentrations observed during the reporting period. Vinyl Chloride was not detected above the PDWS in the Floridan monitoring wells.

Surface Water Quality Regulatory Exceedances

Surface water quality data has been collected from two surface water bodies at the site. Summary tables of the surface water monitoring samples SW-1 through SW-6, SW-9, and SW-10 are included in Attachment A. Figure 1 in Attachment B shows the surface water sampling locations.

Several constituents were detected in concentrations above surface water criteria and surface water cleanup target levels during the monitoring period including ammonia, barium, beryllium, copper, dissolved oxygen (DO), iron, lead, mercury, pH, silver, sodium, total hardness, turbidity, and zinc. The maximum contaminant level (MCL) is defined in Chapter 62-302.530 Florida Administrative Code (FAC); however, the MCL requires a calculation based on hardness concentration for several compounds. The formulas used and the calculated MCL are shown on the surface water tables in Attachment A. Attachment C includes trend analyses charts compiled from the exceedences data tables. The following summarize the findings:

Ammonia – Ammonia concentrations have consistently exceeded the MCL of 0.02 mg/L in surface water samples SW-5 and SW-9 during the monitoring period. . Ammonia concentrations were detected above the MCL in surface water sampling locations SW-1 through SW-4, SW-6, and SW-10 at variable time periods. There was an increasing trend in ammonia concentrations for surface water sampling location SW-5. No other definitive trends were observed for ammonia concentrations for the other surface water sampling locations.

Barium – Barium concentrations have consistently exceeded the calculated MCLs in surface water samples SW-2 through SW-6, SW-9, and SW-10 during the monitoring period. There were no definitive trends in barium concentrations observed during the reporting period.

Beryllium – Beryllium concentrations were detected above the MCL of 0.13 ug/L in surface water sampling locations SW-1, SW-3, SW-4, SW-9, and SW-10 at variable time periods; however, the concentrations have decreased to levels below the MCL during the most recent sampling event. No definitive beryllium trends were observed during the monitoring period.

Copper – Copper concentrations in surface water samples SW-1 and SW-3 have increased above the calculated MCLs and subsequently decreased to below the MCLs during the monitoring period. No definitive copper trends were observed during the monitoring period.

Dissolved Oxygen – DO concentrations have consistently been below the lower limit of greater than or equal to 5 mg/L in surface water samples SW-3 and SW-4 during the monitoring period. DO concentrations were detected below the lower limit in surface water sampling locations SW-1, SW-2, SW-5, SW-9, and SW-10 at variable time periods. No definitive DO trends were observed during the monitoring period.

Iron – Iron concentrations have exceeded the MCL of 1000 ug/L in surface water samples SW-1 through SW-5, SW-9, and SW-10 during the monitoring period; however, the concentrations have decreased to levels below the MCL during the most recent sampling event. No definitive iron trends were observed during the monitoring period.

Lead – Lead concentrations in surface water samples SW-1 and SW-3 have increased above the calculated MCL and subsequently decreased to below the MCL during the monitoring period. No definitive lead trends were observed during the monitoring period.

Mercury – Detectable concentrations of mercury were reported for sample SW-3 during the December 2000 sampling event; however, mercury concentrations in SW-3 decreased to below detection during the most recent sampling event. The MCL for mercury is below the detection limit for the analytical method.

pH – pH measurements have been above the upper limit of 8.5 units and below the lower limit of 6.5 units at variable times during the monitoring period at surface water sampling locations SW-1, SW-2, SW-3, SW-5, SW-6, SW-9, and SW-10. No definitive pH trends were observed during the monitoring period.

Silver – Silver concentrations for SW-9 have remained below the MCL of 0.07 ug/L. Although silver was detected above the MCL during the December 2001 sampling event, the concentrations have returned to below the MCL during the June 2002 sampling event.

Sodium – Sodium concentrations have consistently exceeded the calculated MCLs in surface water samples SW-2 through SW-6, SW-9, and SW-10 during the monitoring period. There were no definitive trends in sodium concentrations observed during the reporting period.

Total Hardness – Total hardness concentrations have consistently been below the lower limit of greater than or equal to 20 mg/L in surface water sample SW-1 during the monitoring period. No definitive total hardness trends were observed during the monitoring period.

Turbidity – Turbidity concentrations were detected above the calculated MCL in surface water sampling locations SW-2, SW-3, SW-5, and SW-9 at variable time periods. No definitive beryllium trends were observed during the monitoring period.

Zinc – Zinc concentrations for surface water sampling locations SW-1 and SW-3 have remained below the calculated MCLs. Although zinc was detected above the calculated MCLs during the June 1999 sampling event for SW-1 and the December 2000 sampling event for SW-3, the concentrations have returned to below the calculated MCLs during the most recent sampling events.

Leachate Water Quality Regulatory Exceedances

Leachate water quality data has been collected from one leachate monitoring location at the site. Leachate data was not available for June 1999 and December 1999 at the time of this report. Summary tables of the leachate monitoring sample North Leachate Pond are included in Attachment A.

No constituents were detected in concentrations above 40 Code of Federal Regulations (CFR) Part 261.24 during the monitoring period.

SEMI-ANNUAL GROUNDWATER FLOW ASSESSMENT

Groundwater flow assessment activities were conducted for the shallow zone and deep zone surficial aquifer during each of the previous monitoring periods extending from June 1999 through December 2002. The assessment activities included the collection of groundwater depth intervals, the calculation of groundwater elevations in the site wells, and plotting the data onto site figures depicting the estimated groundwater flow direction. Copies of the groundwater flow diagrams generated for each monitoring event are presented in Attachment B. The estimated groundwater flow direction during these periods in the shallow zone and deep zone surficial aquifer is to the north and east.

Groundwater flow rates were calculated in David N. Gomberg, Ph.D.'s, July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results. Site conditions have not changed since the July 2001 report.

Hydrographs depicting the groundwater elevations within each well for each sampling event over the monitoring period were generated and presented in Attachment C. The groundwater level calculations indicated higher groundwater table elevations in the December monitoring events and lower groundwater table elevations in the June monitoring events. This data is consistent with previous biennial reporting data.

APPROPRIATENESS OF MONITORING PROGRAM

The Tomoka Farms Road Landfill permit specifies the compliance monitoring protocol for groundwater wells, the surface water locations, leachate monitoring, and sampling frequency for the monitoring program. This protocol appears to adequately detect concentrations of parameters in the surficial aquifer and Floridan aquifer on the downgradient, cross-gradient, and upgradient sides of the landfill. The compliance monitoring protocol specified in the operating permit provides an appropriate monitoring program for the Tomoka Farms Road Landfill at this time.

Please contact us if you have any questions or comments regarding this correspondence.

Very truly yours,

K. Mark Tumlin
Senior Project Scientist
SCS ENGINEERS

Lee A. Powell, P.E.
Project Manager
SCS ENGINEERS

KMT/LAP: keg
Attachments

cc: Joseph F. Grusauskas, Volusia County, Solid Waste
Susan M. Gaze, Volusia County, Solid Waste

ATTACHMENT A

TABLES

TABLE 1. TOMOKA FARMS ROAD LANDFILL MONITORING WELL CONSTRUCTION DETAILS

Well ID	Date Constructed*	Well Type	Monitored Zone	Diameter (in.)	TOC Elevation (feet NGVD)**	Casing and Screen Characteristics			
						Bottom of Casing		Screen Interval	
						Depth (Feet BLS)	Elevation (Feet NGVD)	Depth Top/Bottom (Feet BLS)*	Elevation Top/Bottom (Feet NGVD)
B-1B	1987	Compliance	Zone 1-2	2	27.31	28	-1	28/33	-1/-6
B-2B	1994	Background	Zone 4	2	31.81	19	13	19/24	13/8
B-5B	1991	Compliance	Zone 1-2	2	32.66	18	15	18/23	15/10
B8-1	1987	I	Zone 1-2	2	33.02	43	-10	43/48	-10/-15
B8-2	1994	I	Zone 4	2	33.30	20	13	20/30	13/3
B-11B	1989	Background	Zone 1-2	2	30.63	4	27	4/14	27/17
B-32	1994	Background	Zone 4	2	30.51	20	11	20/30	11/1
B33-1	1991	Background	Zone 4	2	32.82	22	11	22/32	11/1
B33-2	1994	Background	Zone 1-2	2	32.10	5	27	5/15	27/17
B34-1	1994	Background	Zone 4	2	31.18	22	9	22/32	9/-1
B34-2	1994	Background	Zone 1-2	2	31.21	5	26	5/15	26/16
B35-1	1994	Background	Zone 4	2	29.29	22	7	22/32	7/-3
B35-2	1994	Background	Zone 1-2	2	29.36	5	24	5/15	24/14
B-36	1994	Compliance	Zone 4	2	29.27	23	6	23/33	6/-4
B37-1	1994	Compliance	Zone 4	2	28.59	27	2	27/37	2/-8
B37-2	1994	Compliance	Zone 1-2	2	28.72	5	24	5/15	24/14
B38-1	1994	Compliance	Zone 4	2	28.22	27	1	27/37	1/-9
B38-2	1994	Compliance	Zone 1-2	2	28.08	5	23	5/15	23/13
B-39	1994	Compliance	Zone 1-2	2	29.06	5	24	5/15	24/14
B40-1	1994	Compliance	Zone 4	2	27.64	18	10	18/28	10/0
B40-2	1994	Compliance	Zone 1-2	2	27.68	5	23	5/15	23/13
B41-1	1994	Compliance	Zone 4	2	29.14	27	2	27/37	2/-8
B41-2	1994	Compliance	Zone 1-2	2	29.26	5	24	5/15	24/14
B42-1	1994	Compliance	Zone 4	2	28.50	20	9	20/30	9/-1
B42-2	1994	Compliance	Zone 1-2	2	28.36	5	23	5/12	23/16
B43-1	1994	Compliance	Zone 3-4	2	28.07	17	11	17/27	11/1
B43-2	1994	Compliance	Zone 1-2	2	28.21	5	23	5/12	23/16
B-44	1994	Compliance	Zone 1-2	2	30.02	5	25	5/12	25/18
B45-1	1994	Compliance	Zone 4	2	30.24	25	5	25/35	5/-5
B45-2	1994	Compliance	Zone 1-2	2	30.31	5	25	5/15	25/15
B58-1	1994	Compliance	Zone 4	2	29.02	18	11	18/28	11/1
B58-2	1994	Compliance	Zone 1-2	2	29.57	5	25	5/12	25/18
B59-1	1994	Compliance	Zone 4	2	27.77	22	6	22/32	6/-4
B59-2	1994	Compliance	Zone 1-2	2	27.79	5	23	5/15	23/13
B-60	1994	Compliance	Zone 4	2	28.84	20	9	20/30	9/-1
B-61	2002	Compliance	Zone 1-2	2	31.53	15	17	15/25	17/7
B62-1	2002	Compliance	Zone 4	2	29.09	20	9	20/35	9/-6
B62-2	2002	Compliance	Zone 1-2	2	29.63	11	19	11/18	19/12
B63-1	1994	Compliance	Zone 4	2	30.06	19	11	19/29	11/1
B63-2	1994	Compliance	Zone 1-2	2	30.42	5	25	5/12	25/18
B-64	1994	Compliance	Zone 1-2	2	28.19	5	23	5/12	23/16
B-65	1994	Compliance	Zone 1-2	2	28.04	5	23	5/15	23/13
B-66	1994	Compliance	Zone 1-2	2	31.27	5	26	5/15	26/16
B-67	1994	Compliance	Zone 4	2	30.22	18	12	18/28	12/2
B-68	1994	Compliance	Zone 4	2	29.73	20	10	20/30	10/0
FA-1B	1987	Background	Floridan	2	32.16	91	-59	91/92	-59/-60
FA-2C	1991	Compliance	Floridan	2	26.90	94	-67	94/100	-67/-73
MO-5B	1987	Compliance	Zone 1-2	2	29.24	27	2	27/32	2/-3

Notes:

1. BLS = Below land surface
2. NGVD = National Geodetic Vertical Datum.
3. TOC = top of casing.
4. * = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.
5. ** = Information obtained from ELAB, Inc.'s January 2, 2003, Tomoka Farms Road Landfill Groundwater Monitoring Report.

B1-B DATA SUMMARY

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/7/2001	6/28/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	5.7	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	3.8J	<5.0
Barium[1]	2,000	µg/L	180	160	180	180	180	160	190	190
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.29J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	0.820	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	2.2J	<5.0
Cobalt[3]	420	µg/L	<50	<10	12.0	<10	<10	<10	7.3J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	16,000	16,000	17,000	17,000	18,000	16,000	17,000	18,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	2J	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	1.7J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	1.9J	<10
Sodium[1]	160,000	µg/L	62,000	55,000	60,000	55,000	58,000	51,000	56,000	61,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	3.3J	<10
Zinc[2]	5,000	µg/L	44	6.5	10	69	<20	<20	9.1J	<20
Chloride[2]	250	mg/L	72	74	76	85	82	70	97	9.1
Sulfate[2]	250	mg/L	2.2	2.2	4.5	3.9	4.5	5.1	7.1	120
Total Dissolved Solids[2]	500	mg/L	510	570	570	570	550	470	780	260
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	0.140	<0.10	<0.050	<0.050	<0.050	0.230
Nitrogen Ammonia (As N)[3]	2.8	mg/L	11	9.7	12	13	11	11	10	12
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,040	790	1,030	799	901	988	643	1,040
pH (Field)[2]	6.5-8.5	Unit	6.28	6.38	6.25	5.97	6.83	5.49	5.90	6.24
Temperature (Field)	NA	Deg C	23.0	23.2	22.6	22.7	23.1	23.6	22.3	22.9
Turbidity (Field)	NA	NTU	1.80	1.50	7.00	6.10	8.90	3.01	7.73	7.33
Dissolved Oxygen (Field)	NA	mg/L	1.80	1.60	3.20	1.50	4.40	1.00	1.40	0.94
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	1.50	<0.50	1.10	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	1.10	1.30	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	1.10	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B2-B DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	3.0	<1.0	<5.0	<5.0	<5.0	<5.0	9.4	5.6
Barium[1]	2,000	µg/L	160	71	55	68	71	58	49	73
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	24	<20	<20	<20	<5.0	<5.0	0.89J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	15	8.7J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	1.9J	<10
Iron[2]	300	µg/L	18,000	12,000	10,000	2,800	1,100	<40	3,600	43
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	4.0J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	4.7J	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	35,000	26,000	26,000	13,000	17,000	9,600	11,000	11,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0
Vanadium[3]	49	µg/L	29	<20	<20	<20	<10	<10	2.9J	<10
Zinc[2]	5,000	µg/L	<5.0	8.6	<5.0	<5.0	46	<20	11J	<20
Chloride[2]	250	mg/L	25	26	27	13	21	14	10	11
Sulfate[2]	250	mg/L	45	26	27	390	380	320	270	240
Total Dissolved Solids[2]	500	mg/L	460	250	240	1,000	1,000	1,000	660	830
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.150	<0.050	0.170	<0.25	<0.25	<0.50	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.19	1.0	0.23	1.8	2.0	2.9	0.69	3.3
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	384	332	331	1,240	1,210	1,060	873	1,380
pH (Field)[2]	6.5-8.5	Unit	6.22	6.63	5.93	3.90	6.65	5.55	6.76	6.51
Temperature (Field)	NA	Deg C	23.1	24.1	23.2	24.2	25.5	24.5	26.2	26.0
Turbidity (Field)	NA	NTU	200	90	4.40	2	6.90	1.94	2.67	1.11
Dissolved Oxygen (Field)	NA	mg/L	2.00	1.80	0.84	1.20	0.80	0.04	1.90	0.67
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	0.97	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[3]	5	µg/L	1.60	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	1.60	<0.50	<0.50	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	1.20	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	1.10	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	1.40	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B5-B DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	2.9J	<5.0
Barium[1]	2,000	µg/L	94	60	89	46	46	88	82	82
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.11J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	<5.0	<5.0
Cobalt[3]	420	µg/L	<50	<10	10	<10	<10	<10	5.3J	<10
Copper[2]	1,000	µg/L	<2.0	7.1	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	15,000	5,900	14,000	3,000	2,500	14,000	15,000	15,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	72,000	40,000	58,000	45,000	45,000	46,000	43,000	36,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.6J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	0.64J	<10
Zinc[2]	5,000	µg/L	5.9	1.0	11	290	200	<20	<20	<20
Chloride[2]	250	mg/L	45	40	44	68	66	38	33	29
Sulfate[2]	250	mg/L	3.9	2.6	<1.0	<0.50	<0.50	1.9	1.2	7.8
Total Dissolved Solids[2]	500	mg/L	580	400	550	560	400	480	680	380
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.27	<0.10	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.24	0.057	0.32	0.29	0.33	0.34	0.22	0.28
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	924	745	923	689	778	696	907	750
pH (Field)[2]	6.5-8.5	Unit	6.64	7.02	6.69	5.25	7.08	6.61	6.68	6.74
Temperature (Field)	NA	Deg C	23.5	23.1	24.2	22.1	23.0	23.9	23.9	26.1
Turbidity (Field)	NA	NTU	3.6	21.0	5.0	34.0	9.4	16.8	2.24	0.61
Dissolved Oxygen (Field)	NA	mg/L	0.96	2.00	1.30	0.15	0.50	0.80	1.20	0.95
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	1.40	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	0.69	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	0.54	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	0.62	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	0.64	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	0.71	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	0.66	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	0.52	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B8-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/5/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	---	---	---	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	<1.0	---	---	---	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	---	20	---	---	---	24	15	24
Beryllium[1]	4	µg/L	---	<1.0	---	---	---	<1.0	<1.0	<1.0
Cadmium[1]	5	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	<20	---	---	---	<5.0	0.78J	<5.0
Cobalt[3]	420	µg/L	---	<10	---	---	---	<10	2.0J	<10
Copper[2]	1,000	µg/L	---	<2.0	---	---	---	<10	<10	<10
Iron[2]	300	µg/L	---	1,200	---	---	---	290	440	1,800
Lead[1]	15	µg/L	---	<10	---	---	---	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	---	<0.20	---	---	---	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	<50	---	---	---	<10	12	<10
Selenium[1]	50	µg/L	---	<2.0	---	---	---	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	---	<20	---	---	---	<10	<10	<10
Sodium[1]	160,000	µg/L	---	42,000	---	---	---	31,000	28,000	28,000
Thallium[1]	2	µg/L	---	<1.0	---	---	---	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	---	<20	---	---	---	<10	0.51J	<10
Zinc[2]	5,000	µg/L	---	9.2	---	---	---	<20	12J	<20
Chloride[2]	250	mg/L	---	70	---	---	---	32	27	28
Sulfate[2]	250	mg/L	---	2.9	---	---	---	7.1	31	25
Total Dissolved Solids[2]	500	mg/L	---	390	---	---	---	340	330	250
Nitrogen, Nitrate[1]	10	mg/L	---	<0.050	---	---	---	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	36	---	---	---	13	3.2	2.50
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	1,120	---	---	---	487	558	451
pH (Field)[2]	6.5-8.5	Unit	---	7.61	---	---	---	5.60	6.91	6.53
Temperature (Field)	NA	Deg C	---	24.4	---	---	---	25.1	24.9	25.0
Turbidity (Field)	NA	NTU	---	6.0	---	---	---	12.20	5.12	1.1
Dissolved Oxygen (Field)	NA	mg/L	---	2.90	---	---	---	0.70	0.90	1.18
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	1.70	---	---	---	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	<0.50	---	---	---	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	<1.0	---	---	---	<10	<10	<10
Acetone[3]	700	µg/L	---	<10	---	---	---	<10	<10	<10
Benzene[1]	1	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	---	1.70	---	---	---	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	<0.50	---	---	---	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	---	1.70	---	---	---	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	<0.50	---	---	---	<1.0	0.6J	<1.0
Vinyl Chloride[1]	1	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B8-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	35	22	26	67	30	33	36	33
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.081J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	0.98J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	5,100	3,100	6,500	6,600	6,700	7,400	8,600	7,600
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.062J	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	34,000	30,000	11,000	24,000	20,000	20,000	19,000	20,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	0.81J	<10
Zinc[2]	5,000	µg/L	<5.0	11	<5.0	17	<20	<20	<20	<20
Chloride[2]	250	mg/L	20	32	8.9	17	13	11	11	12
Sulfate[2]	250	mg/L	17	3.7	60	25	60	77	88	75
Total Dissolved Solids[2]	500	mg/L	270	240	180	270	240	250	310	230
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.18	0.3	0.12	0.21	0.15	0.2	0.087	0.30
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	390	362	235	283	382	305	525	331
pH (Field)[2]	6.5-8.5	Unit	5.72	6.72	7.61	4.75	6.69	5.36	6.87	6.31
Temperature (Field)	NA	Deg C	24.0	24.3	24.9	24.1	23.7	24.6	25.4	25.9
Turbidity (Field)	NA	NTU	41	9.80	2	320.00	8.90	3.54	5.13	2.38
Dissolved Oxygen (Field)	NA	mg/L	1.60	2.10	1.90	0.85	0.90	0.40	1.30	0.97
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B11-B DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/5/2001	6/26/2002	11/7/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	27	25	27	32	50	45	52	56
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.37J	<1.0
Cadmium[1]	5	µg/L	1.2	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	3.1J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	2,400	2,500	2,400	3,100	3,900	3,400	3,400	4,500
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	11,000	10,000	9,700	11,000	11,000	10,000	10,000	10,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.65J	<1.0
Vanadium[3]	49	µg/L	22	23	24	23	23	24	15	14
Zinc[2]	5,000	µg/L	27	31	<5.0	<5.0	<20	<20	<20	<20
Chloride[2]	250	mg/L	230	13	12	10	10	9	10	8
Sulfate[2]	250	mg/L	39	6.7	8.2	19	37	26	39	32
Total Dissolved Solids[2]	500	mg/L	110	45	120	110	130	130	170	110
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.35	0.21	0.26	0.26	0.36	0.5	0.470	0.49
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	109	97	99	92	171	156	299	185
pH (Field)[2]	6.5-8.5	Unit	5.14	5.23	4.79	5.60	5.91	4.78	5.34	5.31
Temperature (Field)	NA	Deg C	23.8	22.7	25.8	23.4	24.5	23.2	25.1	25.3
Turbidity (Field)	NA	NTU	3.50	1.80	2.20	1.00	6.60	2.66	1.41	0.74
Dissolved Oxygen (Field)	NA	mg/L	1.20	1.20	0.84	0.50	0.80	0.70	1.70	1.14
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B-32 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/7/2001	6/28/2002	11/7/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	---	---	---	---	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	---	---	---	---	7.8	4.0J	<5.0
Barium[1]	2,000	µg/L	---	---	---	---	---	130	53	32
Beryllium[1]	4	µg/L	---	---	---	---	---	<1.0	0.13J	<1.0
Cadmium[1]	5	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	---	---	---	---	17	1.3J	<5.0
Cobalt[3]	420	µg/L	---	---	---	---	---	<10	2.5J	<10
Copper[2]	1,000	µg/L	---	---	---	---	---	<10	0.94J	<10
Iron[2]	300	µg/L	---	---	---	---	---	13,000	5,600	4,700
Lead[1]	15	µg/L	---	---	---	---	---	14	2.0J	<5.0
Mercury[1]	2	µg/L	---	---	---	---	---	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	---	---	---	---	<10	2.3J	<10
Selenium[1]	50	µg/L	---	---	---	---	---	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	---	---	---	---	---	<10	<10	<10
Sodium[1]	160,000	µg/L	---	---	---	---	---	27,000	26,000	29,000
Thallium[1]	2	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	---	---	---	---	---	21	4.0J	<10
Zinc[2]	5,000	µg/L	---	---	---	---	---	25	<20	<20
Chloride[2]	250	mg/L	---	---	---	---	---	25	26	27
Sulfate[2]	250	mg/L	---	---	---	---	---	6.3	6.8	2.6
Total Dissolved Solids[2]	500	mg/L	---	---	---	---	---	250	330	250
Nitrogen, Nitrate[1]	10	mg/L	---	---	---	---	---	0.360	<0.050	0.500
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	---	---	---	---	0.180	0.130	0.15
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	---	---	---	---	88.6	299	413
pH (Field)[2]	6.5-8.5	Unit	---	---	---	---	---	6.97	6.86	6.57
Temperature (Field)	NA	Deg C	---	---	---	---	---	25.0	24.5	23.2
Turbidity (Field)	NA	NTU	---	---	---	---	---	340	103	16
Dissolved Oxygen (Field)	NA	mg/L	---	---	---	---	---	2.00	1.20	1.25
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	---	---	---	---	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	---	---	---	---	<10	<10	<10
Acetone[3]	700	µg/L	---	---	---	---	---	<10	<10	<10
Benzene[1]	1	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	---	---	---	---	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	---	---	---	---	---	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	---	---	---	---	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B33-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/7/2001	6/27/2002	11/7/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1.1	4.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	49	76	40	39	36	36	37	35
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.56J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	11.0	11.0	8.3	8.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	9,200	10,000	8,700	8,900	8,900	8,800	8,300	8,400
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	6	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	58,000	47,000	49,000	46,000	47,000	48,000	48,000	47,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	15	14	13	11
Zinc[2]	5,000	µg/L	<5.0	<5.0	<5.0	7.6	<20	<20	<20	<20
Chloride[2]	250	mg/L	38	40	38	37	40	39	42	34
Sulfate[2]	250	mg/L	<0.50	1.9	1.3	<0.50	0.85	0.7	0.9	<0.50
Total Dissolved Solids[2]	500	mg/L	420	450	420	450	430	410	470	370
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.29	0.31	0.55	0.35	0.34	0.37	0.28	0.32
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	459	451	292	417	484	103	424	395
pH (Field)[2]	6.5-8.5	Unit	7.17	6.71	7.19	5.99	6.90	6.71	6.27	6.02
Temperature (Field)	NA	Deg C	24.4	23.9	25.2	24.7	23.0	25.4	24.0	22.4
Turbidity (Field)	NA	NTU	12	230	8.70	26	21	13	60.00	10
Dissolved Oxygen (Field)	NA	mg/L	0.80	1.40	1.90	2.90	0.90	1.60	1.20	0.97
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	31	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	1	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[1]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B33-2DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/5/2001	6/27/2002	11/7/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	<5.0	<5.0	<5.0	---	<5.0	---
Arsenic[1]	50	µg/L	---	2.0	5.2	<5.0	<5.0	---	7.1	---
Barium[1]	2,000	µg/L	---	91	110	81	100	---	180	---
Beryllium[1]	4	µg/L	---	<1.0	<1.0	<1.0	<1.0	---	0.51J	---
Cadmium[1]	5	µg/L	---	<0.50	0.660	<0.50	<1.0	---	<1.0	---
Chromium[1]	100	µg/L	---	<20	<20	<20	<5.0	---	<1.0	---
Cobalt[3]	420	µg/L	---	<10	<10	<10	<10	---	6.4J	---
Copper[2]	1,000	µg/L	---	<2.0	<2.0	<2.0	<10	---	<10	---
Iron[2]	300	µg/L	---	12,000	9,400	7,700	8,500	---	11,000	---
Lead[1]	15	µg/L	---	<10	<10	<10	<5.0	---	4.0J	---
Mercury[1]	2	µg/L	---	<0.20	<0.20	<0.20	<0.20	---	<0.20	---
Nickel[1]	100	µg/L	---	<50	<50	<50	<10	---	51	---
Selenium[1]	50	µg/L	---	<2.0	<5.0	<5.0	<5.0	---	4.8J	---
Silver[2]	100	µg/L	---	<20	<20	<20	<10	---	<10	---
Sodium[1]	160,000	µg/L	---	16,000	35,000	21,000	21,000	---	300,000	---
Thallium[1]	2	µg/L	---	<1.0	1.0	<1.0	<1.0	---	<1.0	---
Vanadium[3]	49	µg/L	---	<20	<20	<20	14	---	38	---
Zinc[2]	5,000	µg/L	---	<5.0	7.4	7.6	<20	---	<20	---
Chloride[2]	250	mg/L	---	15	32	19	26	---	430	---
Sulfate[2]	250	mg/L	---	37	45	18	32	---	33	---
Total Dissolved Solids[2]	500	mg/L	---	250	330	310	330	---	1,700	---
Nitrogen, Nitrate[1]	10	mg/L	---	<0.050	330.000	<0.050	<0.050	---	0.90	---
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	0.28	0.43	0.34	0.36	---	0.56	---
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	367	246	370	394	---	997	---
pH (Field)[2]	6.5-8.5	Unit	---	6.56	7.21	5.98	6.78	---	6.49	---
Temperature (Field)	NA	Deg C	---	23.7	25.4	23.6	24.1	---	24.9	---
Turbidity (Field)	NA	NTU	---	2.40	11	8	5.90	---	26.80	---
Dissolved Oxygen (Field)	NA	mg/L	---	1.50	1.90	3.6	1.00	---	1.30	---
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	<0.50	<0.50	<0.20	<0.20	---	<0.20	---
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
1,2-Dichloropropane[1]	5	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
1,4-Dichlorobenzene[1]	75	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	<1.0	<1.0	<10	<10	---	<10	---
Acetone[3]	700	µg/L	---	<10	<10	<10	<10	---	<10	---
Benzene[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Bromochloromethane[3]	91	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Bromomethane[3]	9.8	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Carbon Disulfide[3]	700	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Chlorobenzene[1]	100	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Chloroform[3]	5.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Chloromethane[3]	2.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Dibromochloromethane[3]	0.4	µg/L	---	<0.50	<0.50	<0.40	<0.40	---	<0.40	---
Ethylbenzene[1]	700	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Methylene Chloride[1]	5	µg/L	---	<0.50	<0.50	<5.0	<5.0	---	<5.0	---
Toluene[1]	1,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Vinyl Chloride[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---
Total Xylenes[1]	10,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	---	<1.0	---

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B34-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/5/2001	6/27/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	45	48	53	52	52	54	42	55
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.15J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	<5.0	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	8,300	10,000	9,600	8,800	10,000	10,000	250	9,200
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	1.7J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	44,000	29,000	40,000	36,000	37,000	33,000	12,000	35,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.4J	<10
Zinc[2]	5,000	µg/L	11	5.6	<5.0	<5.0	<20	<20	<20	<20
Chloride[2]	250	mg/L	37	21	29	18	28	30	18	31
Sulfate[2]	250	mg/L	0.9	20	14	32	27	36	46	46
Total Dissolved Solids[2]	500	mg/L	300	290	320	330	350	380	410	360
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.150	<0.050	0.270	<0.050	<0.050	36	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.15	0.14	0.15	0.12	0.14	0.2	0.054	0.29
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	459	461	338	381	483	468	487	530
pH (Field)[2]	6.5-8.5	Unit	6.23	6.98	8.03	6.72	7.23	5.77	6.81	6.56
Temperature (Field)	NA	Deg C	23.9	24.2	25.2	21.6	22.5	22.6	23.9	23.0
Turbidity (Field)	NA	NTU	6.80	19	7.30	8	6.90	2.13	37.00	0.59
Dissolved Oxygen (Field)	NA	mg/L	2.00	2.00	1.90	5.10	0.90	0.60	2.60	0.79
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B34-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/5/2001	6/27/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	2.8	5.4	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	53	67	47	42	64	36	51	40
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.15J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	1.1	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	<5.0	<5.0
Cobalt[3]	420	µg/L	<50	<10	18	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	12	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	6,200	25,000	3,000	1,400	6,800	900	9,900	5,600
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	21,000	6,600	13,000	20,000	12,000	12,000	36,000	14,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.0J	<10
Zinc[2]	5,000	µg/L	7.6	15	22	<5.0	<20	<20	<20	<20
Chloride[2]	250	mg/L	10	9.5	26	28	19	25	33	18
Sulfate[2]	250	mg/L	33	27	90	98	70	21	40	25
Total Dissolved Solids[2]	500	mg/L	320	340	520	550	400	490	380	490
Nitrogen, Nitrate[1]	10	mg/L	<0.050	1.1	2.4	1.4	1.7	0.53	<0.050	0.32
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.15	<0.050	0.600	0.1	0.15	0.35	0.11	2.2
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	506	506	299	736	680	580	498	770
pH (Field)[2]	6.5-8.5	Unit	6.85	7.12	7.46	6.49	7.21	5.82	6.42	6.91
Temperature (Field)	NA	Deg C	26.5	23.2	25.1	26.4	23.1	22.5	22.6	26.4
Turbidity (Field)	NA	NTU	8.70	200	13	17	120	11.90	1.10	4.93
Dissolved Oxygen (Field)	NA	mg/L	2.10	1.90	2.00	4.90	1.90	0.40	0.90	0.80
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	33	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	0.94	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	8	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B35-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	110	74	89	73	82	89	85	76
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.46J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	2.6J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	1.5J	<10
Iron[2]	300	µg/L	10,000	1,000	8,400	7,100	8,300	8,500	10,000	7,500
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[3]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	20,000	13,000	14,000	13,000	14,000	15,000	15,000	13,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	2.4J	<10
Zinc[2]	5,000	µg/L	<5.0	<5.0	<5.0	5.7	<20	<20	17J	<20
Chloride[2]	250	mg/L	71	54	67	57	57	66	52	53
Sulfate[2]	250	mg/L	<0.50	2.8	<0.50	<0.50	<0.50	0.6	0.6	<0.50
Total Dissolved Solids[2]	500	mg/L	130	180	250	260	250	240	300	180
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.04J	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.18	<0.050	0.23	0.20	0.19	0.25	0.130	0.34
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	304	292	274	230	397	382	367	224
pH (Field)[2]	6.5-8.5	Unit	5.11	5.83	5.55	4.85	5.97	4.91	5.72	5.36
Temperature (Field)	NA	Deg C	22.9	22.9	23.5	23.1	23.5	23.0	23.4	23.5
Turbidity (Field)	NA	NTU	19.00	5.10	9.50	8.30	21.00	4.40	9.67	19.80
Dissolved Oxygen (Field)	NA	mg/L	1.00	2.00	1.50	4.70	0.90	0.50	2.00	1.01
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	8.3	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	2.2	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	5.7	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	2.1	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	0.83	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B35-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1.3	1.2	<5.0	<5.0	<5.0	<5.0	5.1	<5.0
Barium[1]	2,000	µg/L	120	260	210	130	55	51	64	61
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.28J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.28	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	15	12	13	8.8
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	2.2	<10	<10	1.5J	<10
Iron[2]	300	µg/L	14,000	51,000	21,000	37,000	7,600	5,900	9,800	9,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	2.3J	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	3.4J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	55,000	62,000	62,000	54,000	48,000	49,000	48,000	45,000
Thallium[1]	2	µg/L	<1.0	1.3	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	23	<20	43	28	22	33	17
Zinc[2]	5,000	µg/L	<5.0	<5.0	<5.0	<25	<20	<20	<20	<20
Chloride[2]	250	mg/L	160	230	180	110	63	72	76	73
Sulfate[2]	250	mg/L	1.7	13	2.4	5.4	1.5	2.4	4.7	9.2
Total Dissolved Solids[2]	500	mg/L	320	440	500	390	290	270	320	260
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.02J	0.080
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.68	0.97	0.79	0.63	2.4	1.6	2.2	5.0
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	633	746	640	452	398	432	435	300
pH (Field)[2]	6.5-8.5	Unit	4.61	4.82	5.34	4.67	5.98	4.87	5.14	5.33
Temperature (Field)	NA	Deg C	23.3	22.0	24.6	21.9	24.2	23.7	24.7	26.0
Turbidity (Field)	NA	NTU	13	1	5.60	29	11	6.40	64.90	4.26
Dissolved Oxygen (Field)	NA	mg/L	1.00	1.60	1.40	3.00	0.90	0.50	1.60	0.92
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	1.4	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	0.94	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	1.7	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B36 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/26/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1.9	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	82	46	86	84	97	97	96	110
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	0.79J	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.2J	<5.0
Cobalt[3]	420	µg/L	<50	<10	16.0	<10	<10	16	11	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	3,800	660	3,800	4,100	4,500	4,200	4,200	4,700
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	93,000	74,000	93,000	89,000	99,000	96,000	94,000	100,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.74J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.7J	<10
Zinc[2]	5,000	µg/L	<5.0	<5.0	18	5.9	<20	<20	10J	<20
Chloride[2]	250	mg/L	170	120	180	180	190	190	200	220
Sulfate[2]	250	mg/L	<0.50	2.5	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0
Total Dissolved Solids[2]	500	mg/L	800	400	920	980	1,200	930	960	1,000
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.190	<0.050	<0.10	<0.50	<0.050	<0.50	<0.50
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.3	<0.050	0.37	0.81	0.35	0.35	0.310	0.6
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,020	827	1,380	1,310	1,330	1,070	966	1,540
pH (Field)[2]	6.5-8.5	Unit	6.43	7.01	6.71	4.79	6.74	5.84	7.50	6.47
Temperature (Field)	NA	Deg C	22.4	22.7	23.2	22.3	23.6	22.8	22.8	23.0
Turbidity (Field)	NA	NTU	4.10	4.80	6.40	2.00	6.10	15.00	0.29	0.42
Dissolved Oxygen (Field)	NA	mg/L	1.40	1.60	0.74	0.32	2.10	0.60	1.80	1.04
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	1.40	<1.0	1.50	2.30	1.20
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.2J	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	1.80	1.9	2.1	2.3	2.2
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	1.1	1.4	1.6	1.7	2.5
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	24	8.7	26	38	7.5	2.8
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B37-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/26/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	2.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	330	120	270	260	260	260	230	220
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.17J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	1.1	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.1J	<5.0
Cobalt[3]	420	µg/L	51	<10	41	<10	<10	40	27.0	12
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	40,000	39,000	35,000	34,000	35,000	34,000	22,000	32,000
Lead[1]	15	µg/L	29	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	320,000	61,000	300,000	270,000	280,000	270,000	240,000	220,000
Thallium[1]	2	µg/L	<1.0	1.3	1.5	<1.0	<1.0	<1.0	0.62J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	0.97J	<10
Zinc[2]	5,000	µg/L	53	<5.0	7.0	7.9	<20	<20	11J	<20
Chloride[2]	250	mg/L	240	140	210	170	160	160	150	130
Sulfate[2]	250	mg/L	<0.50	0.8	<7.5	<10	<5.0	<5.0	<10	<10
Total Dissolved Solids[2]	500	mg/L	1,900	840	1,700	1,600	2,000	1,500	1,600	1,300
Nitrogen, Nitrate[1]	10	mg/L	<0.050	4.5	<0.75	<0.050	<0.50	<0.050	<1.0	<1.0
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.57	3	0.65	0.66	0.58	0.75	0.600	0.69
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	2,090	1,580	1,970	1,800	2,430	1,830	1,077	2,310
pH (Field)[2]	6.5-8.5	Unit	6.44	5.76	6.56	6.23	6.81	5.91	6.33	6.36
Temperature (Field)	NA	Deg C	22.5	20.5	23.0	22.2	23.2	22.6	23.3	23.0
Turbidity (Field)	NA	NTU	3.80	9.20	5.70	12	5.40	16	4.15	2.53
Dissolved Oxygen (Field)	NA	mg/L	0.76	1.90	0.82	2.00	0.50	0.50	1.20	1.14
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.5J	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.8J	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	51	<10	<10	<10	<10	<10	14	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	14	14	14	14	9.8
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	10	10	12	11	10
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	14	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	3.1	<1.0	<1.0	<1.0	1.10

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B37-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/26/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1.8	<1.0	<5.0	<5.0	<5.0	<5.0	5.3	<5.0
Barium[1]	2,000	µg/L	52	100	54	26	14	16	9.8J	42
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.4J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Iron[2]	300	µg/L	30,000	5,300	31,000	18,000	13,000	11,000	5,800	28,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[3]	160,000	µg/L	64,000	66,000	19,000	12,000	8,000	12,000	6,500	32,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	0.77J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	3.6J	<10
Zinc[2]	5,000	µg/L	<5.0	<5.0	9.8	9.0	20	20	12J	<20
Chloride[2]	250	mg/L	97	130	29	13	9.2	24	6	<0.50
Sulfate[2]	250	mg/L	<0.50	1	120	100	40	11	9.0	<0.50
Total Dissolved Solids[2]	500	mg/L	250	750	310	270	210	160	120	300
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.11	0.22	0.58	0.77	0.33	0.52	0.150	0.5
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	500	1,290	440	329	297	352	241	420
pH (Field)[2]	6.5-8.5	Unit	6.11	6.13	6.35	5.69	6.59	5.99	6.03	6.02
Temperature (Field)	NA	Deg C	23.2	20.6	25.2	20.2	25.6	22.3	26.1	25.5
Turbidity (Field)	NA	NTU	4.60	22	5.60	10	8.50	5.60	5.68	1.33
Dissolved Oxygen (Field)	NA	mg/L	4.7	1.80	1.10	1.80	0.80	0.70	1.27	1.06
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	3.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	2.80	<1.0	<1.0	<1.0	14.00
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	0.87	<0.50	<0.50	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	8.50	2.30	10	0.9J	67
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B38-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/6/2001	6/26/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	44	37	38	37	41	45	46	48
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.21J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.4J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	8,900	8,200	8,000	7,300	9,100	9,800	10,000	10,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	24,000	19,000	19,000	19,000	19,000	20,000	22,000	21,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.71J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	2.1J	<10
Zinc[2]	5,000	µg/L	27	<5.0	<5.0	10	<20	<20	<20	<20
Chloride[2]	250	mg/L	24	24	26	25	27	29	30	33
Sulfate[2]	250	mg/L	1.5	2.1	2.1	2.9	3.6	3.4	3.5	4.0
Total Dissolved Solids[2]	500	mg/L	89	100	110	120	110	120	130	130
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.130	0.120	0.140	0.130	0.150	0.200	0.092	0.270
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	162	171	172	156	169	293	288	193
pH (Field)[2]	6.5-8.5	Unit	5.45	5.66	5.94	5.23	6.05	5.53	5.86	5.47
Temperature (Field)	NA	Deg C	22.3	22.9	22.9	22.9	22.8	21.7	23.0	22.0
Turbidity (Field)	NA	NTU	20.00	4.40	7.80	8.70	6.10	3.60	5.18	2.33
Dissolved Oxygen (Field)	NA	mg/L	0.85	1.70	1.10	2.60	0.60	0.60	1.70	<0.01
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	15	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B-39 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/6/2001	6/26/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	5.4	3.3	<5.0	<5.0	5.1	<5.0	4.3J	<5.0
Barium[1]	2,000	µg/L	59	22	30	39	39	25	26	26
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.24J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	32	<20	<20	<20	15	7.8	3.2J	7.4
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	11,000	7,400	7,600	10,000	9,200	8,000	6,200	9,300
Lead[1]	15	µg/L	<10	<10	<10	<10	5.1	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	1.6J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	12,000	9,100	7,500	6,900	6,700	6,700	7,800	8,500
Thallium[1]	2	µg/L	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	0.6J	<1.0
Vanadium[3]	49	µg/L	21	30	34	30	34	23	12	26
Zinc[2]	5,000	µg/L	11	<5.0	7.2	11	<20	<20	<20	<20
Chloride[2]	250	mg/L	8.5	8.1	9.3	9.6	9.9	11	10	11
Sulfate[2]	250	mg/L	3.8	3.1	4	8.7	7.3	7.3	15.0	3.5
Total Dissolved Solids[2]	500	mg/L	280	130	130	150	130	130	120	150
Nitrogen, Nitrate[1]	10	mg/L	0.080	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	2.1	1.6	2.1	1.2	1.3	1.1	0.79	1.1
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	91	101	96	87.5	155	326	293	106
pH (Field)[2]	6.5-8.5	Unit	5.08	5.37	5.64	4.92	6.07	4.94	5.60	4.90
Temperature (Field)	NA	Deg C	23.0	22.7	24.2	22.7	25.2	22.1	25.0	24.7
Turbidity (Field)	NA	NTU	200	24	61	110	140	20	16	14
Dissolved Oxygen (Field)	NA	mg/L	4.20	1.30	1.70	1.80	1.90	0.80	1.50	1.31
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	2.8	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B40-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/6/2001	6/26/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	4.3	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	130	120	120	100	110	120	100	93
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.1J	<1.0
Cadmium[1]	5	µg/L	3.3	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.1J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	9,900	10,000	11,000	9,800	12,000	12,000	11,000	10,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	39,000	39,000	42,000	40,000	46,000	45,000	46,000	41,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.89J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	2.2J	<10
Zinc[2]	5,000	µg/L	24	<5.0	9.4	12	<20	<20	<20	<20
Chloride[2]	250	mg/L	62	65	66	67	70	65	65	62
Sulfate[2]	250	mg/L	71	92	73	72	89	84	75	66
Total Dissolved Solids[2]	500	mg/L	380	350	300	380	330	370	470	380
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	1.0	1.3	0.83	0.83	0.50	0.54	0.33	0.53
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	540	444	494	346	468	430	451	445
pH (Field)[2]	6.5-8.5	Unit	5.88	5.79	6.30	5.49	6.19	4.96	5.93	5.83
Temperature (Field)	NA	Deg C	23.1	22.1	21.5	22.4	22.0	22.3	21.8	22.7
Turbidity (Field)	NA	NTU	120.00	18.00	6.00	7.60	6.50	4.98	0.34	4.24
Dissolved Oxygen (Field)	NA	mg/L	1.50	3.40	3.50	1.80	1.40	0.80	2.00	1.16
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	140	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B40-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/6/2001	6/26/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	2.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	---	52	55	44	52	39	32	39
Beryllium[1]	4	µg/L	---	<1.0	<1.0	<1.0	<1.0	<1.0	0.24J	<1.0
Cadmium[1]	5	µg/L	---	<0.50	<0.50	0.630	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	<20	<20	<20	12	<5.0	0.96J	<5.0
Cobalt[3]	420	µg/L	---	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	---	<2.0	3.9	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	---	2,200	2,600	2,600	3,900	2,200	78	1,900
Lead[1]	15	µg/L	---	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	---	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	---	<2.0	<5.0	<5.0	<5.0	<5.0	4.5J	<5.0
Silver[2]	100	µg/L	---	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	---	43,000	38,000	32,000	38,000	25,000	23,000	25,000
Thallium[1]	2	µg/L	---	<1.0	<1.0	<1.0	<1.0	<1.0	0.67J	<1.0
Vanadium[3]	49	µg/L	---	<20	<20	<20	18	<10	7.8J	<10
Zinc[2]	5,000	µg/L	---	<5.0	8.9	22.0	<20	<20	<20	<20
Chloride[2]	250	mg/L	---	79	50	34	56	22	28	24
Sulfate[2]	250	mg/L	---	210	62	81	78	48	92	23
Total Dissolved Solids[2]	500	mg/L	---	680	480	510	430	430	410	400
Nitrogen, Nitrate[1]	10	mg/L	---	<0.050	0.070	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	3.1	<0.050	1.8	1.6	2.2	1.2	2.5
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	700	656	557	645	522	490	540
pH (Field)[2]	6.5-8.5	Unit	---	6.19	6.21	5.69	6.76	4.97	5.86	6.20
Temperature (Field)	NA	Deg C	---	21.0	21.6	20.5	21.8	21.3	22.8	23.3
Turbidity (Field)	NA	NTU	---	5.10	11	37	30	7.33	6.91	15.80
Dissolved Oxygen (Field)	NA	mg/L	---	4.10	4.40	5.40	4.30	0.80	1.90	2.12
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L		<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L		<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L		<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	---	<0.50	<0.50	<1.0	<10	<10	<10	<10
Benzene[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L		<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	<0.50	<0.50	1.80	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L		<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L		<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L		<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L		<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	0.5J	<1.0
Vinyl Chloride[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B41-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/6/2001	6/27/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	91	83	120	150	95	100	100	100
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.53J	<1.0
Cadmium[1]	5	µg/L	6.9	<0.50	0.8	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	4.0J	<5.0
Cobalt[3]	420	µg/L	51	<10	16	<10	<10	18	6.9J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	22,000	22,000	24,000	6,700	23,000	22,000	22,000	20,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	1.8J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	1.8J	<10
Sodium[1]	160,000	µg/L	220,000	200,000	180,000	41,000	190,000	190,000	170,000	150,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.2	<1.0	1.1	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	21	<20	<20	<20	14	11	12	<10
Zinc[2]	5,000	µg/L	24	<5.0	23	20	34	20	20	<20
Chloride[2]	250	mg/L	280	270	160	73	250	240	240	210
Sulfate[2]	250	mg/L	7.7	5.4	44	68	13	13	20	26
Total Dissolved Solids[2]	500	mg/L	1,200	1,200	710	780	850	1,000	1,400	1,200
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.10	0.1	<0.50	<0.50	<0.50	<0.25
Nitrogen Ammonia (As N)[3]	2.8	mg/L	16	19	1.1	0.49	22	26	25	27
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,190	1,400	2,070	417	1,390	1,180	1,214	1,720
pH (Field)[2]	6.5-8.5	Unit	6.48	6.28	6.19	6.08	6.69	5.57	6.13	6.24
Temperature (Field)	NA	Deg C	22.8	22.1	22.2	22.0	21.9	22.4	22.8	22.5
Turbidity (Field)	NA	NTU	4.10	3.20	6.10	15	7.40	2.43	1.00	2.04
Dissolved Oxygen (Field)	NA	mg/L	2.20	2.80	1.20	3.80	1.10	0.70	6.00	0.84
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	1.0J	<10
Benzene[1]	1	µg/L	3	<0.50	<0.50	<1.0	2	2.30	2.10	1.30
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	1.40	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	0.84	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B41-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/6/2001	6/27/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	4.3	8.8	<5.0	<5.0	<5.0	3.9J	<5.0
Barium[1]	2,000	µg/L	---	89	98	75	68	67	62	75
Beryllium[1]	4	µg/L	---	<1.0	<1.0	<1.0	<1.0	<1.0	0.24J	<1.0
Cadmium[1]	5	µg/L	---	<0.50	0.620	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	<20	<20	<20	<5.0	<5.0	3.2J	<5.0
Cobalt[3]	420	µg/L	---	<10	<10	<10	<10	<10	3.2J	<10
Copper[2]	1,000	µg/L	---	<2.0	5.8	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	---	2,600	10,000	1,400	2,200	1,100	1,000	1,200
Lead[1]	15	µg/L	---	<10	15	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	---	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	<50	<50	<50	<10	<10	8.1J	<10
Selenium[1]	50	µg/L	---	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	---	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	---	64,000	54,000	52,000	48,000	41,000	45,000	47,000
Thallium[1]	2	µg/L	---	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	---	<20	32	<20	<10	<10	6.0J	<10
Zinc[2]	5,000	µg/L	---	<5.0	25	<5.0	25	<20	<20	<20
Chloride[2]	250	mg/L	---	100	62	59	61	42	57	51
Sulfate[2]	250	mg/L	---	130	88	150	150	12	78	9.4
Total Dissolved Solids[2]	500	mg/L	---	920	540	870	610	520	920	910
Nitrogen, Nitrate[1]	10	mg/L	---	<0.050	<0.10	<0.10	<0.25	<0.050	<0.50	<0.25
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	1.5	1.3	0.92	0.82	1.3	8.2	4.6
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	911	1,070	1,100	1,290	694	817	1,200
pH (Field)[2]	6.5-8.5	Unit	---	6.72	6.63	6.46	6.86	5.57	6.59	6.71
Temperature (Field)	NA	Deg C	---	20.2	21.5	21.1	21.4	21.9	23.5	23.6
Turbidity (Field)	NA	NTU	---	1.20	6.20	6.70	5.00	<1.0	2.50	0.76
Dissolved Oxygen (Field)	NA	mg/L	---	2.50	1.40	1.60	1.70	0.70	0.50	0.77
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	---	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	1.30	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	---	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	0.6J	<1.0
Vinyl Chloride[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B42-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/6/2001	6/27/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	3.1	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	100	120	140	130	150	180	190	200
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.25J	<1.0
Cadmium[1]	5	µg/L	5.1	<0.50	0.760	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.5J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	15,000	14,000	19,000	17,000	17,000	18,000	20,000	21,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	45,000	52,000	58,000	55,000	65,000	68,000	78,000	80,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	17	<20	<20	<20	<10	<10	2.4J	<10
Zinc[2]	5,000	µg/L	14	<5.0	15	33	20	20	<20	<20
Chloride[2]	250	mg/L	63	100	110	90	120	120	130	130
Sulfate[2]	250	mg/L	69	160	140	130	190	220	280	240
Total Dissolved Solids[2]	500	mg/L	380	560	600	590	620	640	890	710
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	0.170	<0.050	<0.050	<0.25	<0.50	<0.25
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.270	0.250	0.320	0.320	0.330	0.430	0.370	0.560
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	629	632	842	453	753	840	814	1,025
pH (Field)[2]	6.5-8.5	Unit	6.82	6.01	6.08	5.75	6.32	5.42	5.70	5.84
Temperature (Field)	NA	Deg C	22.6	21.1	22.1	22.1	21.7	22.1	22.1	22.3
Turbidity (Field)	NA	NTU	9.80	2.10	4.70	31.00	4.60	2.50	0.75	0.63
Dissolved Oxygen (Field)	NA	mg/L	1.10	1.90	4.00	2.80	1.30	0.80	1.50	0.90
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[2]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B42-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/6/2001	6/27/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	3.4	5.5	5.8	<5.0	<5.0	<5.0	5.2
Barium[1]	2,000	µg/L	---	58	44	76	150	70	47	89
Beryllium[1]	4	µg/L	---	<1.0	<1.0	<1.0	<1.0	<1.0	0.20J	<1.0
Cadmium[1]	5	µg/L	---	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	<20	<20	<20	<5.0	<5.0	0.92J	<5.0
Cobalt[3]	420	µg/L	---	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	---	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	---	3,000	6,800	8,800	1,200	2,500	140	4,600
Lead[1]	15	µg/L	---	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	---	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	---	<2.0	<5.0	<5.0	<5.0	<5.0	4.1J	<5.0
Silver[2]	100	µg/L	---	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	---	31,000	29,000	46,000	87,000	39,000	31,000	74,000
Thallium[1]	2	µg/L	---	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	---	<20	<20	<20	<10	<10	6.3J	<10
Zinc[2]	5,000	µg/L	---	<5.0	24	42	<20	<20	<20	<20
Chloride[2]	250	mg/L	---	52	45	57	80	44	29	120
Sulfate[2]	250	mg/L	---	89	26	150	350	130	88	98
Total Dissolved Solids[2]	500	mg/L	---	420	340	560	530	460	410	740
Nitrogen, Nitrate[1]	10	mg/L	---	0.170	<0.050	<0.050	<0.25	0.060	1.400	<0.25
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	2.6	2.5	3.1	1.6	1.8	0.58	4.1
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	529	535	531	952	665	531	740
pH (Field)[2]	6.5-8.5	Unit	---	6.29	6.08	5.49	6.36	5.67	5.91	6.18
Temperature (Field)	NA	Deg C	---	21.0	21.7	20.8	21.7	22.0	23.0	23.6
Turbidity (Field)	NA	NTU	---	6.60	11	46	4.80	4.20	10.00	0.97
Dissolved Oxygen (Field)	NA	mg/L	---	2.50	1.40	1.70	2.10	0.90	0.90	1.10
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	---	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[4]	91	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	<0.50	<0.50	11	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	---	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B43-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1	1.8	<5.0	<5.0	<5.0	<5.0	3.3J	<5.0
Barium[1]	2,000	µg/L	380	360	200	190	300	280	190	320
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.11J	<1.0
Cadmium[1]	5	µg/L	14	<0.50	0.860	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	0.78J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	3.9J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	40,000	44,000	29,000	43,000	37,000	35,000	30,000	37,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	4.2J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	120,000	100,000	150,000	130,000	110,000	110,000	110,000	98,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	5.5J	<10
Zinc[2]	5,000	µg/L	13	6.5	9.4	44	<20	<20	<20	<20
Chloride[2]	250	mg/L	74	72	100	92	66	65	79	58
Sulfate[2]	250	mg/L	<0.50	0.8	1.7	2.7	5.7	<0.50	1.3	<2.5
Total Dissolved Solids[2]	500	mg/L	700	590	540	630	610	740	990	670
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.10	<0.10	<0.50	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	19	19	1.9	3.1	17	12	4.1	19
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,390	1,150	310	633	733	833	719	1,140
pH (Field)[2]	6.5-8.5	Unit	6.20	5.72	7.02	5.85	6.83	5.38	6.22	6.05
Temperature (Field)	NA	Deg C	22.2	22.5	25.0	22.5	21.9	21.8	22.7	22.8
Turbidity (Field)	NA	NTU	13.0	9.0	4.80	32.0	5.30	3.05	3.38	1.36
Dissolved Oxygen (Field)	NA	mg/L	0.93	2.90	1.70	1.50	0.90	0.50	1.30	1.11
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.40	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	11	<10	<10	<10
Benzene[1]	1	µg/L	5	18	<0.50	4.7	10	8.7	4.7	7.1
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	5	14	<0.50	<1.0	12	11	5.5	13
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	7.10	<0.50	<1.0	1.5	<1.0	<1.0	1.8

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B43-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	5.3	4.7	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	80	15	22	22	36	21	17	18
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium[1]	5	µg/L	3.5	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	0.88J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	3.4J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	11,000	11,000	4,100	4,400	2,500	6,700	240	11,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	94,000	16,000	18,000	26,000	30,000	19,000	26,000	20,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	8.6J	<10
Zinc[2]	5,000	µg/L	45	13	6	24	23	<20	<20	<20
Chloride[2]	250	mg/L	88	19	37	23	46	16	44	16
Sulfate[2]	250	mg/L	35	9.8	21	9.7	8.7	8.4	20	0.51
Total Dissolved Solids[2]	500	mg/L	670	290	340	320	290	420	560	400
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.0075	<0.050	0.090	<0.050	<0.050	1.3	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	5	0.240	0.460	0.310	0.940	0.300	0.04J	0.460
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,200	601	286	330	640	577	619	691
pH (Field)[2]	6.5-8.5	Unit	6.24	6.02	6.91	5.99	7.00	5.28	6.67	6.33
Temperature (Field)	NA	Deg C	22.1	22.5	24.8	21.2	21.8	21.8	24.4	23.6
Turbidity (Field)	NA	NTU	1.80	6.20	14.00	15.00	4.60	5.09	3.07	0.67
Dissolved Oxygen (Field)	NA	mg/L	1.00	2.00	1.90	1.90	1.60	0.50	1.70	1.18
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<10	<10	<10	<10
Benzene[1]	1	µg/L	3	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	29	<0.50	<0.50	3.2	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	2	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	1.50	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B 44 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	5.7	<5.0
Barium[1]	2,000	µg/L	28	16	24	22	24	15	24	11
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.42J	<1.0
Cadmium[1]	5	µg/L	4.3	<0.50	0.740	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	7.8	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	17.0	<10
Iron[2]	300	µg/L	13,000	9,100	30,000	24,000	12,000	3,100	26,000	4,800
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	3.4J	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	13,000	11,000	10,000	9,700	13,000	7,000	6,300	10,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	0.49J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	34	<10
Zinc[2]	5,000	µg/L	15	13	8.3	30	<20	<20	25	<20
Chloride[2]	250	mg/L	18	12	13	12	17	9	7	17
Sulfate[2]	250	mg/L	41	33	30	35	34	17	12	20
Total Dissolved Solids[2]	500	mg/L	110	94	95	98	100	84	160	130
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	0.170	5.0	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.066	0.065	0.2	0.130	0.095	0.110	0.04J	0.094
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	186	176	1,130	115	179	178	301	190
pH (Field)[2]	6.5-8.5	Unit	5.41	7.11	6.91	4.80	5.97	5.34	6.67	5.52
Temperature (Field)	NA	Deg C	22.1	21.3	25.1	21.9	23.0	21.0	24.2	24.0
Turbidity (Field)	NA	NTU	12	7.60	18	81	10	12.60	192.00	8.51
Dissolved Oxygen (Field)	NA	mg/L	0.99	2.00	1.90	2.40	1.10	0.60	2.50	1.59
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	8	<0.50	<0.50	15	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B45-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1.1	1.5	<5.0	<5.0	6.9	<5.0	3.3J	<5.0
Barium[1]	2,000	µg/L	240	310	340	210	320	370	220	320
Beryllium[1]	4	µg/L	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	3.0	0.550	<1.0	1.1	<1.0	1.4
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	2.1J	<5.0
Cobalt[1]	420	µg/L	<50	<10	21.0	<10	<10	23	6.1J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	3.5J	<10
Iron[2]	300	µg/L	70,000	64,000	65,000	44,000	72,000	72,000	52,000	74,000
Lead[1]	15	µg/L	18	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	1.6J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	1.3J	<10
Sodium[1]	160,000	µg/L	120,000	250,000	320,000	110,000	300,000	320,000	120,000	310,000
Thallium[1]	2	µg/L	<1.0	1.1	2.1	<1.0	2.4	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	11	<20	<20	<10	<10	19	<10
Zinc[2]	5,000	µg/L	<5.0	6.6	12	29	24	<20	22	<20
Chloride[2]	250	mg/L	510	540	580	470	500	510	500	430
Sulfate[2]	250	mg/L	<0.50	0.9	<5.0	<2.5	<5.0	<5.0	0.5	<10
Total Dissolved Solids[2]	500	mg/L	1,300	1,500	1,600	1,300	1,300	1,600	1,600	1,300
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	0.600	<0.25	<0.50	<0.50	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.340	0.420	0.5	0.250	0.430	0.530	0.190	0.410
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	696	1,530	2,670	462	2,480	1,730	694	2,200
pH (Field)[2]	6.5-8.5	Unit	5.31	6.10	5.93	5.01	6.46	5.36	5.12	6.10
Temperature (Field)	NA	Deg C	22.2	20.9	22.3	22.0	22.0	21.6	23.3	22.8
Turbidity (Field)	NA	NTU	5.30	13	8.20	87	6.80	3.05	125.00	2.80
Dissolved Oxygen (Field)	NA	mg/L	2.00	2.20	0.83	1.80	0.80	0.40	2.10	1.38
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	10	<10	<10	<10	22	<10	24	<10
Benzene[1]	1	µg/L	4.2	7.6	<0.50	2.9	7	7.7	3.4	6.6
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	2.30	<0.50	<1.0	2.30	<1.0	<1.0	2.70
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	1.20	<1.0	<1.0	0.8J	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	1.90	<0.50	<1.0	<1.0	<1.0	0.9J	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	1.6	1.4	<0.50	<1.0	<1.0	1.20	0.8J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	2.6	14	<0.50	<1.0	10	2.20	<1.0	12

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B45-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	2.7	<1.0	<5.0	<5.0	<5.0	<5.0	11.0	<5.0
Barium[1]	2,000	µg/L	180	110	150	64	130	46	24	78
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	2.4	<0.50	<1.0	<1.0	<1.0	<10
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	8.8	5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	5.5J	<10
Iron[2]	300	µg/L	67,000	43,000	70,000	28,000	61,000	13,000	32,000	34,000
Lead[1]	15	µg/L	13	<10	<10	<10	<5.0	<5.0	4.2J	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.057J	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	1.8J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	2.9J	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	48,000	26,000	38,000	21,000	35,000	13,000	13,000	25,000
Thallium[1]	2	µg/L	<1.0	1.0	2.2	<1.0	1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	31	17
Zinc[2]	5,000	µg/L	9.9	<5.0	11	46	<20	<20	21	<20
Chloride[2]	250	mg/L	190	160	280	110	210	43	31	120
Sulfate[2]	250	mg/L	17	18	8	13	11	17	12	14
Total Dissolved Solids[2]	500	mg/L	410	480	570	400	540	210	220	300
Nitrogen, Nitrate[1]	10	mg/L	0.060	0.190	0.100	<0.050	<0.050	0.310	0.670	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.130	0.180	0.180	0.200	0.190	0.140	0.04J	0.170
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	524	566	906	207	780	313	345	455
pH (Field)[2]	6.5-8.5	Unit	5.53	5.50	5.54	4.89	5.82	4.52	5.37	5.54
Temperature (Field)	NA	Deg C	22.6	21.5	22.5	21.3	22.5	21.6	24.6	23.2
Turbidity (Field)	NA	NTU	5.60	22	12	15.00	7.40	16	121.00	13
Dissolved Oxygen (Field)	NA	mg/L	5.50	2.80	2.10	1.50	1.10	0.80	2.80	1.68
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B58-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/27/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1.4	2.0	<5.0	<5.0	<5.0	<5.0	3.6J	<5.0
Barium[1]	2,000	µg/L	80	94	86	70	60	57	50	120
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.15J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	0.580	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.0J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	18,000	22,000	19,000	15,000	14,000	12,000	11,000	18,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<550	<50	<50	<50	<10	<10	1.6J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	4.5J	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	38,000	35,000	34,000	31,000	29,000	28,000	27,000	54,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.5J	<10
Zinc[2]	5,000	µg/L	<5.0	6.8	<5.0	11	23	<20	32	<20
Chloride[2]	250	mg/L	20	20	18	18	21	24	18	35
Sulfate[2]	250	mg/L	230	270	240	150	160	120	110	310
Total Dissolved Solids[2]	500	mg/L	450	500	490	310	290	330	340	560
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.160	<0.050	0.120	<0.050	0.530	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.18	0.17	0.22	0.12	0.14	0.21	0.13	0.21
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	608	674	292	571	411	242	426	830
pH (Field)[2]	6.5-8.5	Unit	5.33	6.10	8.11	5.53	6.56	4.96	5.72	5.60
Temperature (Field)	NA	Deg C	24.3	24.3	24.5	24.1	23.8	24.2	23.7	24.4
Turbidity (Field)	NA	NTU	6.10	1.80	3.20	7.00	4.50	4.98	1.50	0.54
Dissolved Oxygen (Field)	NA	mg/L	1.60	1.80	2.00	5.10	1.40	1.00	1.20	1.64
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B58-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/27/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	---	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	3.3	---	10.0	19.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	---	44	---	50	61	77	70	67
Beryllium[1]	4	µg/L	---	8.0	---	4.1	6.1	3.1	1.1	3.6
Cadmium[1]	5	µg/L	---	1.4	---	1.4	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	<20	---	<20	12.0	<5.0	1.3J	<5.0
Cobalt[3]	420	µg/L	---	38	---	20	20	19	5.1J	26
Copper[2]	1,000	µg/L	---	<2.0	---	2.6	<10	<10	<10	<10
Iron[2]	300	µg/L	---	8,600	---	2,800	20,000	11,000	3,000	16,000
Lead[1]	15	µg/L	---	<10	---	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	---	<0.20	---	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	91	---	<50	45	40	10	47
Selenium[1]	50	µg/L	---	7.5	---	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	---	<20	---	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	---	23,000	---	19,000	16,000	12,000	16,000	17,000
Thallium[1]	2	µg/L	---	2.0	---	2.2	1.9	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	---	<20	---	<20	43	<10	4.8J	<10
Zinc[2]	5,000	µg/L	---	110	---	45	94	51	<20	55
Chloride[2]	250	mg/L	---	20	---	33	26	11	12	16
Sulfate[2]	250	mg/L	---	150	---	84	77	70	73	79
Total Dissolved Solids[2]	500	mg/L	---	240	---	230	160	200	230	180
Nitrogen, Nitrate[1]	10	mg/L	---	0.150	---	<0.050	0.070	<0.050	1.100	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	0.360	---	0.170	0.280	0.340	0.180	0.270
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	424	---	366	290	384	319	269
pH (Field)[2]	6.5-8.5	Unit	---	3.92	---	3.82	5.83	5.24	5.34	4.31
Temperature (Field)	NA	Deg C	---	23.8	---	24.1	22.0	24.3	25.1	25.7
Turbidity (Field)	NA	NTU	---	4	---	7.90	7.70	3.72	3.90	5.91
Dissolved Oxygen (Field)	NA	mg/L	---	3.20	---	4.50	1.40	0.90	4.20	1.58
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	<0.50	---	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	<10	---	<10	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	<1.0	---	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	---	<0.50	---	<1.0	<10	<10	<10	<10
Benzene[1]	1	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	<0.50	---	<1.0	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	---	<0.50	---	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B59-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	---	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	12.0	<5.0	<5.0	22	---	<5.0	<5.0
Barium[1]	2,000	µg/L	100	170	100	64	130	---	70	70
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	---	0.22J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<1.0
Chromium[1]	100	µg/L	<20	39	<20	<20	25	---	1.0J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	---	4.3J	<10
Copper[2]	1,000	µg/L	<2.0	4.6	<2.0	2.2	<10	---	<10	<10
Iron[2]	300	µg/L	9,300	40,000	6,500	3,000	59,000	---	8,400	8,100
Lead[1]	15	µg/L	<10	26	<10	<10	14	---	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	---	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	---	1.8J	<10
Selenium[1]	50	µg/L	<2.0	5.2	12	12	22	---	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	---	1.7J	<10
Sodium[1]	160,000	µg/L	110,000	21,000	27,000	25,000	25,000	---	78,000	78,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.0	1.3	2.0	---	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	50	<20	<20	140	---	1.1J	<10
Zinc[2]	5,000	µg/L	14	14	11	<5.0	180	---	<20	<20
Chloride[2]	250	mg/L	250	16	24	21	21	---	110	100
Sulfate[2]	250	mg/L	<0.50	180	230	190	230	---	77	60
Total Dissolved Solids[2]	500	mg/L	840	850	560	580	560	---	760	460
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.310	<0.050	<0.050	<0.050	---	<0.050	<0.010
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.22	0.15	0.14	0.08	0.10	---	0.160	0.27
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	838	644	416	743	929	---	730	880
pH (Field)[2]	6.5-8.5	Unit	6.29	6.72	7.06	6.50	7.22	---	6.45	6.21
Temperature (Field)	NA	Deg C	24.1	23.7	25.2	24.5	26.5	---	24.1	24.0
Turbidity (Field)	NA	NTU	4.20	950	19	19	40	---	6.91	1.64
Dissolved Oxygen (Field)	NA	mg/L	2.10	2.10	2.00	5.80	4.40	---	1.80	1.33
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
1,1,2,2-Tetrachloroethane[2]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	---	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	---	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	---	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	---	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	---	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	---	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B59-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	---	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	<1.0	---	<5.0	<5.0	<5.0	4.8J	<5.0
Barium[1]	2,000	µg/L	---	96	---	53	88	93	51	76
Beryllium[1]	4	µg/L	---	<1.0	---	<1.0	<1.0	<1.0	0.13J	<1.0
Cadmium[1]	5	µg/L	---	<0.50	---	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	<20	---	<20	<5.0	<5.0	4.2J	<5.0
Cobalt[3]	420	µg/L	---	<10	---	<10	<10	<10	4.5J	<10
Copper[2]	1,000	µg/L	---	<2.0	---	2.9	<10	<10	<10	<10
Iron[2]	300	µg/L	---	9,100	---	5,400	8,300	8,200	5,200	6,500
Lead[1]	15	µg/L	---	<10	---	<10	<5.0	<5.0	4.6J	<5.0
Mercury[1]	2	µg/L	---	<0.20	---	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	<50	---	<50	<10	<10	3.9J	<10
Selenium[1]	50	µg/L	---	<2.0	---	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	---	<20	---	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	---	95,000	---	69,000	100,000	99,000	15,000	30,000
Thallium[1]	2	µg/L	---	<1.0	---	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	---	<20	---	<20	<10	<10	10	<10
Zinc[2]	5,000	µg/L	---	6.8	---	11.0	21.0	<20	<20	<20
Chloride[2]	250	mg/L	---	250	---	110	230	220	10	23
Sulfate[2]	250	mg/L	---	<0.50	---	2.8	2.5	<2.5	86	160
Total Dissolved Solids[2]	500	mg/L	---	750	---	490	560	770	510	540
Nitrogen, Nitrate[1]	10	mg/L	---	0.160	---	<0.050	<0.25	<0.25	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	0.24	---	0.19	0.24	0.36	0.13	0.26
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	1,150	---	1,030	1,220	947	574	680
pH (Field)[2]	6.5-8.5	Unit	---	6.72	---	6.30	6.83	5.73	6.80	6.49
Temperature (Field)	NA	Deg C	---	23.8	---	23.9	24.0	23.8	25.6	26.0
Turbidity (Field)	NA	NTU	---	5.70	---	34	4.90	2.18	396.00	13.30
Dissolved Oxygen (Field)	NA	mg/L	---	1.40	---	1.70	1.80	0.80	3.10	1.46
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	<0.50	---	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	<1.0	---	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	---	<10	---	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	<0.50	---	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	---	<0.50	---	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	0.3J	<1.0
Vinyl Chloride[1]	1	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B-60 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	3.5J	<5.0
Barium[1]	2,000	µg/L	58	50	51	39	50	55	56	58
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.19J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	0.95J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	2.2J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	3,300	2,900	3,100	2,800	2,900	2,900	8,000	8,200
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	42,000	34,000	34,000	24,000	33,000	37,000	26,000	26,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	0.85J	<10
Zinc[2]	5,000	µg/L	83	6.9	57	<5.0	26	<20	<20	<20
Chloride[2]	250	mg/L	52	54	41	30	43	46	32	30
Sulfate[2]	250	mg/L	<0.50	<0.50	54	47	13	2.3	130	110
Total Dissolved Solids[2]	500	mg/L	360	310	320	280	240	340	540	330
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.18	0.19	0.2	0.17	0.17	0.27	0.10	0.16
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	554	536	336	448	436	478	564	460
pH (Field)[2]	6.5-8.5	Unit	6.50	6.69	6.37	6.23	7.00	5.96	6.17	6.20
Temperature (Field)	NA	Deg C	24.2	23.9	24.7	24.0	23.5	23.6	22.7	25.0
Turbidity (Field)	NA	NTU	19	2.10	1.50	5	4.50	<1.0	2.38	1.03
Dissolved Oxygen (Field)	NA	mg/L	1.40	2.80	1.80	5.10	1.20	0.70	1.40	1.56
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	2	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[2]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<1.0	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B-61 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/5/2001	6/28/2002	12/27/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	---	---	---	---	<3.0
Arsenic[1]	50	µg/L	4.0	2.9	7.9	---	---	---	---	<5.0
Barium[1]	2,000	µg/L	210	170	230	---	---	---	---	320
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	---	---	---	---	<1.0
Cadmium[1]	5	µg/L	2.6	<0.50	0.890	---	---	---	---	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	---	---	---	---	<5.0
Cobalt[3]	420	µg/L	60	<10	60	---	---	---	---	58
Copper[2]	1,000	µg/L	5.8	<2.0	<2.0	---	---	---	---	<10
Iron[2]	300	µg/L	4,700	3,900	15,000	---	---	---	---	12,000
Lead[1]	15	µg/L	12	<10	<10	---	---	---	---	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	---	---	---	---	<0.20
Nickel[1]	100	µg/L	110	67	69	---	---	---	---	<10
Selenium[1]	50	µg/L	4.2	3.2	5.4	---	---	---	---	<5.0
Silver[2]	100	µg/L	<20	<20	<20	---	---	---	---	<10
Sodium[1]	160,000	µg/L	620,000	490,000	430,000	---	---	---	---	160,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.2	---	---	---	---	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	---	---	---	---	<10
Zinc[2]	5,000	µg/L	28	8.2	7	---	---	---	---	<20
Chloride[2]	250	mg/L	<0.50	460	440	---	---	---	---	94
Sulfate[2]	250	mg/L	110	370	140	---	---	---	---	280
Total Dissolved Solids[2]	500	mg/L	2,400	2,300	2,300	---	---	---	---	1,600
Nitrogen, Nitrate[1]	10	mg/L	3.6	1.8	1	---	---	---	---	<0.50
Nitrogen Ammonia (As N)[3]	2.8	mg/L	140	18	45	---	---	---	---	49
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,990	1,820	1,560	---	---	---	---	2,100
pH (Field)[2]	6.5-8.5	Unit	6.92	6.56	6.64	---	---	---	---	6.91
Temperature (Field)	NA	Deg C	24.1	22.7	24.5	---	---	---	---	23.8
Turbidity (Field)	NA	NTU	19.00	19.00	1.40	---	---	---	---	6.60
Dissolved Oxygen (Field)	NA	mg/L	1.60	2.80	0.93	---	---	---	---	1.24
Organic Parameters:						---				
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	---	---	---	---	<10
Acetone[3]	700	µg/L	<50	<10	<10	---	---	---	---	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Bromomethane[1]	9.8	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	---	---	---	---	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	---	---	---	---	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	---	---	---	---	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B62-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/5/2001	6/28/2002	12/27/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	---	---	---	---	---	---	<3.0
Arsenic[1]	50	µg/L	---	---	---	---	---	---	---	5.4
Barium[1]	2,000	µg/L	---	---	---	---	---	---	---	1,100
Beryllium[1]	4	µg/L	---	---	---	---	---	---	---	<1.0
Cadmium[1]	5	µg/L	---	---	---	---	---	---	---	<1.0
Chromium[1]	100	µg/L	---	---	---	---	---	---	---	15
Cobalt[3]	420	µg/L	---	---	---	---	---	---	---	<10
Copper[2]	1,000	µg/L	---	---	---	---	---	---	---	<10
Iron[2]	300	µg/L	---	---	---	---	---	---	---	88,000
Lead[1]	15	µg/L	---	---	---	---	---	---	---	5.0
Mercury[1]	2	µg/L	---	---	---	---	---	---	---	<0.20
Nickel[1]	100	µg/L	---	---	---	---	---	---	---	21
Selenium[1]	50	µg/L	---	---	---	---	---	---	---	5.8
Silver[2]	100	µg/L	---	---	---	---	---	---	---	<10
Sodium[1]	160,000	µg/L	---	---	---	---	---	---	---	400,000
Thallium[1]	2	µg/L	---	---	---	---	---	---	---	<1.0
Vanadium[3]	49	µg/L	---	---	---	---	---	---	---	22
Zinc[2]	5,000	µg/L	---	---	---	---	---	---	---	<20
Chloride[2]	250	mg/L	---	---	---	---	---	---	---	640
Sulfate[2]	250	mg/L	---	---	---	---	---	---	---	12
Total Dissolved Solids[2]	500	mg/L	---	---	---	---	---	---	---	2,500
Nitrogen, Nitrate[1]	10	mg/L	---	---	---	---	---	---	---	<1.2
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	---	---	---	---	---	---	110
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	---	---	---	---	---	---	4,000
pH (Field)[2]	6.5-8.5	Unit	---	---	---	---	---	---	---	6.65
Temperature (Field)	NA	Deg C	---	---	---	---	---	---	---	23.5
Turbidity (Field)	NA	NTU	---	---	---	---	---	---	---	>999
Dissolved Oxygen (Field)	NA	mg/L	---	---	---	---	---	---	---	0.30
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	---	---	---	---	---	---	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	---	---	---	---	---	---	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	---	---	---	---	---	---	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	---	---	---	---	---	---	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	---	---	---	---	---	---	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	---	---	---	---	---	---	<10
Acetone[3]	700	µg/L	---	---	---	---	---	---	---	<10
Benzene[1]	1	µg/L	---	---	---	---	---	---	---	1.2
Bromochloromethane[3]	91	µg/L	---	---	---	---	---	---	---	<1.0
Bromomethane[3]	9.8	µg/L	---	---	---	---	---	---	---	<1.0
Carbon Disulfide[3]	700	µg/L	---	---	---	---	---	---	---	<1.0
Chlorobenzene[1]	100	µg/L	---	---	---	---	---	---	---	1.0
Chloroform[3]	5.7	µg/L	---	---	---	---	---	---	---	<1.0
Chloromethane[3]	2.7	µg/L	---	---	---	---	---	---	---	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	---	---	---	---	---	---	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	---	---	---	---	---	---	<0.40
Ethylbenzene[1]	700	µg/L	---	---	---	---	---	---	---	<1.0
Methylene Chloride[1]	5	µg/L	---	---	---	---	---	---	---	<5.0
Toluene[1]	1,000	µg/L	---	---	---	---	---	---	---	<1.0
Vinyl Chloride[1]	1	µg/L	---	---	---	---	---	---	---	<1.0
Total Xylenes[1]	10,000	µg/L	---	---	---	---	---	---	---	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B62-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/6/2001	6/28/2002	12/27/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	---	---	---	---	---	<3.0
Arsenic[1]	50	µg/L	1.9	3.0	---	---	---	---	---	<5.0
Barium[1]	2,000	µg/L	360	180	---	---	---	---	---	150
Beryllium[1]	4	µg/L	<1.0	<1.0	---	---	---	---	---	<1.0
Cadmium[1]	5	µg/L	28	<0.50	---	---	---	---	---	<1.0
Chromium[1]	100	µg/L	<20	<20	---	---	---	---	---	<5.0
Cobalt[3]	420	µg/L	<50	<10	---	---	---	---	---	5.9
Copper[2]	1,000	µg/L	<2.0	<2.0	---	---	---	---	---	<10
Iron[2]	300	µg/L	84,000	30,000	---	---	---	---	---	8,900
Lead[1]	15	µg/L	<10	<10	---	---	---	---	---	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	---	---	---	---	---	<0.20
Nickel[1]	100	µg/L	<50	<50	---	---	---	---	---	<10
Selenium[1]	50	µg/L	<2.0	<2.0	---	---	---	---	---	5
Silver[2]	100	µg/L	<20	<20	---	---	---	---	---	<10
Sodium[1]	160,000	µg/L	210,000	130,000	---	---	---	---	---	150,000
Thallium[1]	2	µg/L	<1.0	<1.0	---	---	---	---	---	<1.0
Vanadium[3]	49	µg/L	<20	<20	---	---	---	---	---	<10
Zinc[2]	5,000	µg/L	20	21	---	---	---	---	---	<20
Chloride[2]	250	mg/L	390	220	---	---	---	---	---	89
Sulfate[2]	250	mg/L	64	83	---	---	---	---	---	46
Total Dissolved Solids[2]	500	mg/L	1,100	540	---	---	---	---	---	1,300
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.18	---	---	---	---	---	<0.50
Nitrogen Ammonia (As N)[3]	2.8	mg/L	1.9	0.37	---	---	---	---	---	51
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,760	891	---	---	---	---	---	1,980
pH (Field)[2]	6.5-8.5	Unit	5.56	6.48	---	---	---	---	---	7.01
Temperature (Field)	NA	Deg C	23.4	24.5	---	---	---	---	---	23.2
Turbidity (Field)	NA	NTU	18	19	---	---	---	---	---	12
Dissolved Oxygen (Field)	NA	mg/L	1.30	2.80	---	---	---	---	---	0.95
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	---	---	---	---	---	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	---	---	---	---	---	<10
Acetone[3]	700	µg/L	<50	<10	---	---	---	---	---	<10
Benzene[1]	1	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Carbon Disulfide[3]	700	µg/L	9	<0.50	---	---	---	---	---	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	---	---	---	---	---	1.10
Chloroform[3]	5.7	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	---	---	---	---	---	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	---	---	---	---	---	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	---	---	---	---	---	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	---	---	---	---	---	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B63-1 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	62	58	58	57	57	60	43	61
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.10J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.2J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	2.2J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	2.4J	<10
Iron[2]	300	µg/L	3,900	3,500	3,800	3,500	3,700	3,600	3,800	4,200
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	3.4J	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	52,000	41,000	47,000	45,000	46,000	46,000	39,000	48,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.6J	<10
Zinc[2]	5,000	µg/L	75	<5.0	<5.0	6.9	<20	<20	24.0	<20
Chloride[2]	250	mg/L	100	110	110	100	97	96	55	93
Sulfate[2]	250	mg/L	<0.50	0.7	<0.50	<0.50	<0.50	1.0	0.6	<0.50
Total Dissolved Solids[2]	500	mg/L	480	490	540	520	540	480	290	480
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.16	0.2	0.23	0.22	0.21	0.25	0.140	0.37
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	779	797	339	748	796	736	596	610
pH (Field)[2]	6.5-8.5	Unit	6.65	7.46	7.08	5.99	7.30	5.85	6.53	6.64
Temperature (Field)	NA	Deg C	22.9	25.2	24.8	23.2	23.1	24.2	24.4	25.0
Turbidity (Field)	NA	NTU	1.60	3.10	5.50	6.40	6.50	<1.0	52.00	16.60
Dissolved Oxygen (Field)	NA	mg/L	0.95	2.00	2.00	1.80	0.90	0.80	1.20	1.07
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	3	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.5J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B63-2 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/6/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	4.1J	<5.0
Barium[1]	2,000	µg/L	69	70	72	58	55	53	51	62
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.13J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.4J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	2.0J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	1.5J	<10
Iron[2]	300	µg/L	3,700	3,900	3,400	3,300	7,300	9,300	11,000	4,800
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.057J	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	2.6J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	38,000	40,000	41,000	30,000	28,000	20,000	19,000	20,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	18	<10
Zinc[2]	5,000	µg/L	18	5.8	<5.0	<5.0	<20	<20	16J	<20
Chloride[2]	250	mg/L	62	83	83	54	41	25	14	24
Sulfate[2]	250	mg/L	<0.50	<0.50	0.6	0.55	60	5.7	47	1.0
Total Dissolved Solids[2]	500	mg/L	360	400	490	390	460	350	260	360
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.300	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.13	0.14	0.15	0.15	0.11	0.099	0.04J	0.2
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	693	749	371	608	694	651	537	574
pH (Field)[2]	6.5-8.5	Unit	7.10	6.85	7.05	6.27	7.33	5.76	6.65	6.65
Temperature (Field)	NA	Deg C	23.8	23.5	25.0	22.0	24.1	24.7	24.5	25.4
Turbidity (Field)	NA	NTU	1.60	17	3.60	8	4.90	<1.0	22.60	0.41
Dissolved Oxygen (Field)	NA	mg/L	1.20	3.00	1.90	4.40	0.80	0.70	1.60	0.99
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	5	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<1.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B64 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/6/2001	6/26/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	3.0	2.6	<5.0	<5.0	9.2	<5.0	3.1J	<5.0
Barium[1]	2,000	µg/L	160	150	150	110	64	180	130	150
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.2J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	1.9	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	<5.0	<5.0
Cobalt[3]	420	µg/L	<50	<10	13.0	<10	<10	14	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	39,000	50,000	47,000	30,000	20,000	50,000	36,000	38,000
Lead[1]	15	µg/L	13	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	4.3J	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	93,000	83,000	86,000	76,000	34,000	83,000	70,000	68,000
Thallium[1]	2	µg/L	<1.0	1.3	2.4	<1.0	<1.0	<1.0	0.69J	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.7J	<10
Zinc[2]	5,000	µg/L	26	<5.0	<5.0	10	<20	<20	<20	<20
Chloride[2]	250	mg/L	98	100	50	140	42	98	93	<0.50
Sulfate[2]	250	mg/L	<0.50	<0.50	<0.50	68.0	5.7	1.4	17.0	1.8
Total Dissolved Solids[2]	500	mg/L	540	480	650	630	380	710	580	640
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.50	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.19	0.22	0.26	0.22	0.23	0.14	0.140	0.4
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	1,020	1,220	1,260	687	675	1,050	770	1,190
pH (Field)[2]	6.5-8.5	Unit	6.30	6.46	6.43	5.97	7.14	5.90	6.87	6.50
Temperature (Field)	NA	Deg C	22.6	21.4	24.8	19.8	24.9	21.8	25.3	25.2
Turbidity (Field)	NA	NTU	9.60	1.50	5.70	5.60	6	15	4.81	10.04
Dissolved Oxygen (Field)	NA	mg/L	0.94	1.80	1.30	4.80	0.80	0.70	1.70	1.01
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<10	<10	<10	<10
Benzene[1]	1	µg/L	1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	3.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[1]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	2.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B65 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/6/2001	6/26/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	---	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	---	4.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	---	110	81	64	66	71	76	81
Beryllium[1]	4	µg/L	---	<1.0	<1.0	<1.0	<1.0	<1.0	0.21J	<1.0
Cadmium[1]	5	µg/L	---	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	---	<20	<20	<20	<5.0	<5.0	1.8J	<5.0
Cobalt[3]	420	µg/L	---	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	---	<2.0	3.2	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	---	3,400	4,200	2,800	2,200	2,600	100	2,400
Lead[1]	15	µg/L	---	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	---	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	---	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	---	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	---	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	---	63,000	51,000	43,000	39,000	36,000	37,000	41,000
Thallium[1]	2	µg/L	---	<1.0	<1.0	<1.0	<1.0	<1.0	0.41J	<1.0
Vanadium[3]	49	µg/L	---	<20	<20	<20	<10	<10	23	<10
Zinc[2]	5,000	µg/L	---	13	14	12	28	<20	<20	<20
Chloride[2]	250	mg/L	---	93	58	43	55	32	48	55
Sulfate[2]	250	mg/L	---	380	110	180	160	110	210	89
Total Dissolved Solids[2]	500	mg/L	---	800	520	620	460	530	630	390
Nitrogen, Nitrate[1]	10	mg/L	---	<0.050	0.060	0.060	<0.050	<0.050	0.120	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	---	1.7	1.2	0.53	0.49	1.2	0.1	1.1
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	---	880	777	645	724	569	688	833
pH (Field)[2]	6.5-8.5	Unit	---	6.06	6.11	5.70	6.19	5.10	5.87	5.91
Temperature (Field)	NA	Deg C	---	21.4	21.3	20.5	21.1	21.5	22.4	23.3
Turbidity (Field)	NA	NTU	---	2.50	5.60	23	9.90	1.49	4.81	0.95
Dissolved Oxygen (Field)	NA	mg/L	---	3.10	1.30	2.80	1.50	0.60	1.70	0.75
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	---	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	---	<0.50	<0.50	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	---	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	---	<0.50	<0.50	17	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	---	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	---	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B66 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/5/2001	6/26/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	4.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	51	35	50	64	51	42	30	41
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.18J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	6.4	<5.0	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	620	12,000	8,500	5,600	820	1,400	150	710
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	4.0J	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	72,000	48,000	48,000	41,000	26,000	8,200	12,000	14,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	1.1	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	15	7.7J	<10
Zinc[2]	5,000	µg/L	13	16	<5.0	11	<20	<20	<20	<20
Chloride[2]	250	mg/L	57	52	49	20	14	10	8	89
Sulfate[2]	250	mg/L	26	31	110	---	220	93	58	2.9
Total Dissolved Solids[2]	500	mg/L	400	360	470	570	410	390	340	780
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.16	<0.050	<0.050	<0.050	0.13	0.360	<0.25
Nitrogen Ammonia (As N)[3]	2.8	mg/L	2.1	3.2	1.3	1.2	0.24	0.2	0.03J	0.27
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	681	688	688	764	714	492	593	577
pH (Field)[2]	6.5-8.5	Unit	7.50	6.80	6.17	6.28	6.97	5.44	6.42	6.38
Temperature (Field)	NA	Deg C	24.3	23.1	24.7	22.6	25.1	23.1	25.9	25.0
Turbidity (Field)	NA	NTU	12	1.70	1.10	68	10	15.80	3.82	2.39
Dissolved Oxygen (Field)	NA	mg/L	2.00	1.70	0.82	1.50	1.20	0.80	2.00	1.51
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	40	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	6.9	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	3.90	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	4.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B67 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/18/2001	12/5/2001	6/28/2002	11/6/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	1.8	2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	47	69	47	53	42	75	45	83
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.14J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.3J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	2.5J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	3.5J	<10
Iron[2]	300	µg/L	10,000	18,000	14,000	12,000	12,000	19,000	15,000	14,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	36,000	26,000	29,000	26,000	32,000	26,000	41,000	44,000
Thallium[1]	2	µg/L	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.6J	<10
Zinc[2]	5,000	µg/L	50	6.9	<5.0	10	<20	<20	15J	<20
Chloride[2]	250	mg/L	42	33	38	38	41	26	55	73
Sulfate[2]	250	mg/L	39	170	65	71	42	120	18	46
Total Dissolved Solids[2]	500	mg/L	340	510	430	450	300	610	500	550
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.160	<0.050	<0.050	<0.050	<0.050	0.02J	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.250	0.330	0.290	0.460	0.250	0.410	0.180	0.290
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	618	832	336	645	618	710	611	800
pH (Field)[2]	6.5-8.5	Unit	6.89	6.65	6.71	6.50	7.32	5.77	6.18	6.79
Temperature (Field)	NA	Deg C	24.0	24.2	24.4	24.0	23.7	23.8	25.9	25.0
Turbidity (Field)	NA	NTU	18	1	6.70	5.30	4.80	1.27	22.60	2.03
Dissolved Oxygen (Field)	NA	mg/L	2.00	1.70	1.70	1.90	1.20	0.80	1.30	1.52
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	2.9	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	3.1	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	4.2	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

B68 DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/19/2001	12/5/2001	6/28/2002	11/5/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	3.2J	<5.0
Barium[1]	2,000	µg/L	46	44	40	51	43	56	30	41
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.096J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	2.0J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	4.8J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	2.6	<10	<10	2.3J	<10
Iron[2]	300	µg/L	8,000	7,300	7,400	9,300	8,600	12,000	8,200	12,000
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	1.6J	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	48,000	43,000	41,000	36,000	39,000	33,000	25,000	24,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	2.9J	<10
Zinc[2]	5,000	µg/L	15	<5.0	5.8	22	<20	<20	<20	<20
Chloride[2]	250	mg/L	64	79	53	46	56	48	22	31
Sulfate[2]	250	mg/L	16	11	10	29	11	29	12	26
Total Dissolved Solids[2]	500	mg/L	340	420	370	410	390	470	760	390
Nitrogen, Nitrate[1]	10	mg/L	<0.050	0.17	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.13	0.17	0.18	0.18	0.18	0.38	0.69	0.87
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	706	724	452	600	695	548	637	500
pH (Field)[2]	6.5-8.5	Unit	6.56	6.72	7.19	6.41	6.87	5.34	6.34	6.03
Temperature (Field)	NA	Deg C	23.9	24.0	26.7	24.8	25.4	24.0	24.8	25.9
Turbidity (Field)	NA	NTU	6.50	1.10	1.60	13	6.60	14.40	52.20	11
Dissolved Oxygen (Field)	NA	mg/L	1.10	2.20	1.90	5.80	1.10	0.50	3.00	0.84
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	<10	<10	<10	<10	490	<10
Benzene[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	1.40	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.6J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

FA-1B DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/7/2001	6/28/2002	11/7/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	---	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	---	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	14	25	---	18	17	17	17	17
Beryllium[1]	4	µg/L	<1.0	<1.0	---	<1.0	<1.0	<1.0	0.09J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	---	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	---	<20	<5.0	<5.0	0.76J	<5.0
Cobalt[3]	420	µg/L	<50	<10	---	<10	<10	<10	2.7J	<10
Copper[2]	1,000	µg/L	<2.0	2.3	---	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	140	<100	---	200	150	230	220	300
Lead[1]	15	µg/L	<10	<10	---	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	---	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	---	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	---	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	---	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	26,000	10,000	---	9,900	9,600	10,000	11,000	10,000
Thallium[1]	2	µg/L	<1.0	<1.0	---	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	---	<20	<10	<10	<0.41	<10
Zinc[2]	5,000	µg/L	26	<5.0	---	<5.0	<20	<20	<20	<20
Chloride[2]	250	mg/L	25	14	---	13	14	14	14	13
Sulfate[2]	250	mg/L	0.9	0.8	---	<0.50	<0.50	<0.50	<0.50	<0.50
Total Dissolved Solids[2]	500	mg/L	240	310	---	320	290	300	380	270
Nitrogen, Nitrate[1]	10	mg/L	0.560	0.280	---	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.66	<0.050	---	0.41	0.45	0.46	0.38	0.43
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	515	583	---	501	613	968	420	525
pH (Field)[2]	6.5-8.5	Unit	6.36	5.79	---	6.24	7.63	5.27	7.51	7.16
Temperature (Field)	NA	Deg C	24.9	23.4	---	22.4	25.0	22.7	27.9	21.8
Turbidity (Field)	NA	NTU	6.20	2.90	---	<1.0	6.60	1.14	3.50	<0.01
Dissolved Oxygen (Field)	NA	mg/L	1.90	1.70	---	0.19	0.80	0.80	1.70	1.24
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<1.0	<0.50	---	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<10	<0.50	---	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<50	<10	---	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<1.0	<0.50	---	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<5.0	<0.50	---	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	<1.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<2.0	<0.50	---	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

FA-2C DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/7/2001	6/28/2002	11/7/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	17	18	14	14	13	16	31	28
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	0.54J	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	0.81J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	3.8J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	<100	130	<100	79	58	42	72	75
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	46,000	52,000	63,000	57,000	60,000	53,000	48,000	48,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	0.65J	<10
Zinc[2]	5,000	µg/L	8.2	<5.0	<5.0	13.0	<20	<20	<20	<20
Chloride[2]	250	mg/L	67	72	69	70	67	67	69	67
Sulfate[2]	250	mg/L	2.2	0.9	2.1	<0.50	0.69	<0.50	0.4J	<0.50
Total Dissolved Solids[2]	500	mg/L	310	320	400	410	320	250	510	300
Nitrogen, Nitrate[1]	10	mg/L	0.17	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	0.7	0.91	1.1	1.4	1.4	0.93	0.570	0.64
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	540	429	584	581	493	944	869	630
pH (Field)[2]	6.5-8.5	Unit	6.36	7.02	7.29	7.53	9.68	6.14	8.82	8.30
Temperature (Field)	NA	Deg C	25.1	23.6	22.3	22.9	23.0	22.8	23.4	22.2
Turbidity (Field)	NA	NTU	0.61	2.60	5.40	5.30	5.60	5.27	2.56	<0.01
Dissolved Oxygen (Field)	NA	mg/L	1.90	1.90	1.80	1.90	4.40	1.00	1.30	1.48
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[3]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	2.10	<1.0	<1.0	0.6J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	3.20	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

MO5-B DATA SUMMARY

PARAMETER	MCL	UNITS	6/1999*	12/1999*	6/2000*	12/2000*	6/20/2001	12/7/2001	6/28/2002	11/4/2002
Inorganic Parameters:										
Antimony[1]	6	µg/L	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	50	µg/L	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium[1]	2,000	µg/L	180	64	98	67	98	98	110	130
Beryllium[1]	4	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.15J	<1.0
Cadmium[1]	5	µg/L	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	100	µg/L	<20	<20	<20	<20	<5.0	<5.0	1.7J	<5.0
Cobalt[3]	420	µg/L	<50	<10	<10	<10	<10	<10	3.5J	<10
Copper[2]	1,000	µg/L	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10
Iron[2]	300	µg/L	6,800	5,200	4,900	5,100	5,000	5,800	8,400	9,800
Lead[1]	15	µg/L	<10	<10	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	2	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel[1]	100	µg/L	<50	<50	<50	<50	<10	<10	<10	<10
Selenium[1]	50	µg/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver[2]	100	µg/L	<20	<20	<20	<20	<10	<10	<10	<10
Sodium[1]	160,000	µg/L	40,000	21,000	27,000	21,000	25,000	26,000	28,000	29,000
Thallium[1]	2	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium[3]	49	µg/L	<20	<20	<20	<20	<10	<10	1.6J	<10
Zinc[2]	5,000	µg/L	19	<5.0	12	12	<20	<20	<20	<20
Chloride[2]	250	mg/L	43	29	42	35	41	50	70	81
Sulfate[2]	250	mg/L	<0.50	1.4	2.5	3.3	16	46	96	110
Total Dissolved Solids[2]	500	mg/L	500	330	440	720	360	390	700	510
Nitrogen, Nitrate[1]	10	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.03J	<0.050
Nitrogen Ammonia (As N)[3]	2.8	mg/L	7.6	0.44	1.4	0.63	1.4	0.82	0.6	0.92
Field Parameters:										
Specific Conductance (Field)	NA	umho/cm	814	275	570	508	497	904	663	800
pH (Field)[2]	6.5-8.5	Unit	6.28	6.46	6.18	5.77	6.65	5.86	6.47	6.06
Temperature (Field)	NA	Deg C	22.6	23.5	22.2	22.4	23.2	23.1	24.1	22.7
Turbidity (Field)	NA	NTU	0.70	4.20	5.80	6.70	6.50	3.86	2.48	0.03
Dissolved Oxygen (Field)	NA	mg/L	2..0	1.70	2.00	2.10	3.60	0.70	1.40	0.93
Organic Parameters:										
1,1-Dichloroethane[3]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane[3]	0.2	µg/L	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene[1]	600	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane[1]	5	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene[1]	75	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-Pentanone (MIBK)[3]	560	µg/L	<0.50	<0.50	<0.50	<10	<10	<10	<10	<10
Acetone[3]	700	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Benzene[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane[3]	91	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane[3]	9.8	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide[3]	700	µg/L	<0.50	<0.50	<0.50	6.50	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[1]	100	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform[1]	5.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane[3]	2.7	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene[1]	70	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane[3]	0.4	µg/L	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Ethylbenzene[1]	700	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride[1]	5	µg/L	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene[1]	1,000	µg/L	<0.50	<0.50	<0.50	2.70	<1.0	<1.0	0.2J	<1.0
Vinyl Chloride[1]	1	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes[1]	10,000	µg/L	<0.50	<0.50	<0.50	4.40	<1.0	<1.0	<1.0	<1.0

Notes:

MCL = Maximum Contaminant Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

[1] Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.).

[2] Parameter MCL is a Secondary Drinking Water Standard (62-550 F.A.C.).

[3] Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.).

* = Information obtained from David N. Gomberg, Ph.D.'s July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results.

Tomoka Farms Road Landfill, Volusia County, Florida

SW-1

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$[1]	>20	mg/l	15.0	250	12	9.4	12	31	14	9
Total Dissolved Solids	NA	mg/l	160	320	140	83	140	60	93	61
Total Suspended Solids	NA	mg/l	28	55	13	16	17	22	22	6.1
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	1	1.0
Total Phosphorus	NA	mg/l	0.029	1.4	<0.10	<0.10	<0.10	0.15	0.03	<0.10
Total Nitrogen	NA	mg/l	2.1	5.9	1.4	1.8	1.50	7.2	1	1.00
Ammonia Nitrogen -Unionized[1]	0.02	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	0.08	0.03	0.09
Biolgical Oxygen Demand (5-day)	NA	mg/l	5.0	10	3.0	2.5	<1406	<2.0	5.5	2.00
Chemical Oxygen Demand	NA	mg/l	260	290	150	110	130	57	41	36
Chlorophyll A	NA	mg/m^3	9.4	310	11.0	13	20	25	18	9.6
Total Organic Carbon	NA	mg/l	57	10	36	32	34	14	1	7.4
Nitrate Nitrogen	NA	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Antimony[1]	4,300	ug/L	<3.0	<3.0	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0
Arsenic[1]	50	ug/L	1.0	2.7	1.6	1	1.60	<5.0	<5.0	<5.0
Barium[2]	Calculated[3]	ug/l	<10	43	<10	<10	<10	12	4J	<10
Beryllium[1]	0.13	ug/L	<0.10	0.14	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium[1]	See Below[4]	ug/L	<0.10	0.13	<0.10	<0.10	<0.10	<0.10	0.09J	<0.10
Calculated Cadmium MCL		ug/L	---	2	---	---	---	---	---	---
Chromium[1]	See Below[5]	ug/L	11	2.7	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Calculated Chromium MCL		ug/L	67	438	---	---	---	---	---	---
Cobalt	NA	ug/L	<50	<10	<10	<10	<10	<10	<10	<10
Copper[1]	See Below[6]	ug/L	<1.0	1.3	<13.0	17	<1.0	4.7	0.90J	<1.0
Calculated Copper MCL		ug/L	---	26	---	4	---	4	---	---
Iron[1]	1.000	ug/l	970	2.200	560	250	370	1.200	270	190
Lead[1]	See Below[7]	ug/L	<1.0	3.8	<1.0	<1.0	<5.0	4.6	1.5	<5.0
Calculated Lead MCL		ug/L	---	10	---	---	---	1	1	---
Mercury[1]	0.012	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel[1]	See Below[8]	ug/L	4.1	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10
Calculated Nickel MCL		ug/L	49	---	---	---	---	---	---	---
Selenium[1]	5	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0
Silver[1]	0.07	ug/L	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	0.022J	<0.070
Sodium[2]	Calculated[9]	ug/L	9.800	27.000	10.000	10.000	11.000	10.000	11.000	9.600
Thallium[1]	6.3	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Vanadium	NA	ug/L	<10	<10	<10	<10	<10	<10	1.3J	<10
Zinc[1]	See Below[10]	ug/L	52	<20	<20	<20	<20	11	<20	<20
Calculated Zinc MCL		ug/L	33	---	---	---	---	39	---	---
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	8.30	6.10	6.40	8.20	7.50	0.90	3.7	6.94
pH (Field)[1]	6.5-8.5	Unit	8.80	6.21	8.20	9.20	6.51	8.90	7.35	8.44
Specific Conductance (Field)[1]	1.275	umho/cm	78.2	589	79	68.2	181	80	1255	80
Temperature (Field)	NA	Deg C	32.3	22.2	29.1	21.2	30.1	25	30.5	26.5
Turbidity (Field)[1]	29	NTU	6	4.5	7.3	5.4	10.1	20.8	10.3	2.87
Organic Parameters:										
Acetone[2]	1.692	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide[2]	105	µg/L	<0.50	<1.50	22	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[2]	17	µg/L	<1.0	<1.0	<1.0	<1.0	1	<1.0	<1.0	<1.0
Chloroform	NA	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NA	µg/L	<1.0	<1.0	<1.0	<1.0	5.5	<1.0	<1.0	<1.0
Toluene[2]	475	µg/L	3.4	<0.50	<0.50	<0.50	<1.0	<1.0	0.5J	<1.0

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is a Surface Water Criterion (Chapter 62-302 F.A.C.).

[2] Parameter MCL is a Surface Water Clean-up Standard (Chapter 62-777 F.A.C.).

[3] Parameter MCL is calculated by the following formula: not greater than 10% above background levels.

[4] Parameter MCL is calculated by the following formula: Cd < e^(0.7852*[ln Hardness]-3.49).

[5] Parameter MCL is calculated by the following formula: Cr < e^(0.819*[ln Hardness]+1.561).

[6] Parameter MCL is calculated by the following formula: Cu < e^(0.8545*[ln Hardness]-1.465).

[7] Parameter MCL is calculated by the following formula: Pb < e^(1.273*[ln Hardness]-4.705).

[8] Parameter MCL is calculated by the following formula: Ni < e^(0.846*[ln Hardness]+1.1645).

[9] Parameter MCL is calculated by the following formula: not greater than 50% above background levels or 1275, which ever is greater.

[10] Parameter MCL is calculated by the following formula: Zn < e^(0.8473*[ln Hardness]+0.7614).

Tomoka Farms Road Landfill, Volusia County, Florida

SW-2

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$	>20	mg/l	200.0	190	120	200	110	180	150	190
Total Dissolved Solids	NA	mg/l	390	400	360	390	270	360	250	580
Total Suspended Solids	NA	mg/l	8.00	<1.0	12	<1.0	12	5.5	7.9	10
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	0.94	1.3
Total Phosphorus	NA	mg/l	<0.025	0.018	<0.10	<0.10	<0.10	<0.10	0.05J	<0.10
Total Nitrogen	NA	mg/l	1.2	1.6	0.95	1.1	1.30	1.4	0.96	1.50
Ammonia Nitrogen -Unionized	0.02	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.05	0.12
Biolgical Oxygen Demand (5-day)	NA	mg/l	2.00	<2.0	<2.0	2.4	3.60	<2.0	3	2.70
Chemical Oxygen Demand	NA	mg/l	38	42	56	62	58	43	40	50
Chlorophyll A	NA	mg/m^3	1.7	60	3.8	4.4	120	12	18	18.0
Total Organic Carbon	NA	mg/l	37	16	16	17	14	14	13	16.0
Nitrate Nitrogen	NA	mg/l	<0.050	0.32	<0.050	0.05	<0.050	0.21	<0.050	<0.050
Antimony	4.300	ug/L	<3.0	<3.0	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0
Arsenic[1]	50	ug/L	1.50	1.1	1.6	1.0	1.80	<5.0	3.0J	<5.0
Barium[2]	See Below[3]	ug/l	34	37	28	44	29	46	31	36.0
Calculated Barium MCL		ug/l	5.5	47.3	5.5	5.5	5.5	13.2	5.5	5.5
Beryllium[1]	0.13	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	See Below[4]	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.36
Calculated Cadmium MCL		ug/L	---	---	---	---	---	---	---	2
Chromium[1]	See Below[5]	ug/L	2.6	<1.0	<1.0	<1.0	2.3	<5.0	0.90J	<5.0
Calculated Chromium MCL		ug/L	365.16	---	---	---	224	---	---	---
Cobalt	NA	ug/L	51	<10	<10	<10	<10	<10	1.4J	<10
Copper[1]	See Below[6]	ug/L	<1.0	<1.0	<1.0	<2.0	1.4	<1.0	0.70J	<1.0
Calculated Copper MCL		ug/L	---	---	---	---	13	---	---	---
Iron[1]	1.000	ug/l	470	610	210	230	1600	1800	220	690
Lead[1]	See Below[7]	ug/L	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	0.40J	<1.0
Calculated Lead MCL			---	---	---	---	4	---	---	---
Mercury[1]	0.012	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel[1]	See Below[8]	ug/L	3.3	2.3	3.8	2.9	2.6	<10	2.5	<10
Calculated Nickel MCL		ug/L	283	271	184	283	171	---	222	---
Selenium[1]	5	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0
Silver[1]	0.07	ug/L	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070
Sodium[2]	See Below[9]	ug/L	60.000	56.000	60.000	59.000	62.000	39.000	31000	36.000
Calculated Sodium MCL		ug/L	14.700	40.500	15.000	15.000	16.500	15.000	16.500	14.400
Thallium[1]	6.3	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	2.6J	<5.0
Vanadium	NA	ug/L	<10	<10	<10	<10	<10	<10	6.0J	<10
Zinc[1]	See Below[10]	ug/L	31	<20	<20	<20	<20	<20	11J	<20
Calculated Zinc MCL		ug/L	191	---	---	---	---	---	---	---
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	8.60	6.40	7.60	7.50	7.60	4.70	3.21	4.58
pH (Field)[1]	6.5-8.5	Unit	7.85	6.45	7.86	7.98	9.01	7.29	7.92	6.60
Specific Conductance (Field)[1]	1.275	umho/cm	678	582	536	290.0	454	103	518	483
Temperature (Field)	NA	Deg C	31.9	22.6	28.5	18.3	28.0	21.9	30	21.2
Turbidity (Field)[1]	29	NTU	5.1	8.2	6.2	2.4	84	17.3	7.81	6.01
Organic Parameters:										
Acetone[2]	1.692	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide[2]	105	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[2]	17	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	NA	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NA	µg/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene[2]	475	µg/L	5.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is a Surface Water Criterion (Chapter 62-302 F.A.C.).

[2] Parameter MCL is a Surface Water Clean-up Standard (Chapter 62-777 F.A.C.).

[3] Parameter MCL is calculated by the following formula: not greater than 10% above background levels.

[4] Parameter MCL is calculated by the following formula: Cd < e^(0.7852*[ln Hardness]-3.49).

[5] Parameter MCL is calculated by the following formula: Cr < e^(0.819*[ln Hardness]+1.561).

[6] Parameter MCL is calculated by the following formula: Cu < e^(0.8545*[ln Hardness]-1.465).

[7] Parameter MCL is calculated by the following formula: Pb < e^(1.273*[ln Hardness]-4.705).

[8] Parameter MCL is calculated by the following formula: Ni < e^(0.846*[ln Hardness]+1.1645).

[9] Parameter MCL is calculated by the following formula: not greater than 50% above background levels or 1275, which ever is greater.

[10] Parameter MCL is calculated by the following formula: Zn < e^(0.8473*[ln Hardness]+0.7614).

Tomoka Farms Road Landfill, Volusia County, Florida

SW-3

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$	>20	mg/l	---	200	---	240	---	160	55	---
Total Dissolved Solids	NA	mg/l	---	300	---	270	---	280	120	---
Total Suspended Solids	NA	mg/l	---	15	---	1200	---	6.5	4	---
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	1.2	---
Total Phosphorus	NA	mg/l	---	0.046	---	3.1	---	<0.10	0.05J	---
Total Nitrogen	NA	mg/l	---	1.6	---	18.0	---	1	1.2	---
Ammonia Nitrogen -Unionized	0.02	mg/l	---	<0.050	---	<0.050	---	0.08	0.096	---
Biolgical Oxygen Demand (5-day)	NA	mg/l	---	5	---	85.0	---	<2.0	2.2	---
Chemical Oxygen Demand	NA	mg/l	---	61	---	870	---	63	74	---
Chlorophyll A	NA	mg/m^3	---	100	---	1100	---	21	8.1	---
Total Organic Carbon	NA	mg/l	---	7.1	---	30	---	15	23	---
Nitrate Nitrogen	NA	mg/l	---	<0.050	---	<0.050	---	<0.050	0.02J	---
Antimony	4.300	ug/L	---	<3.0	---	<3.0	---	<5.0	<5.0	---
Arsenic[1]	50	ug/L	---	2.0	---	9.1	---	<5.0	<5.0	---
Barium[2]	See Below[3]	ug/l	---	50	---	630	---	36	11	---
Calculated Barium MCL		ug/l	---	47.3	---	5.5	---	13.2	5.5	---
Beryllium[1]	0.13	ug/L	---	<0.10	---	1.4	---	<0.10	<0.10	---
Cadmium	Calculated[4]	ug/L	---	<0.10	---	<0.10	---	<0.10	<0.10	---
Chromium[1]	See Below[5]	ug/L	---	1.0	---	46	---	<5.0	1.9J	---
Calculated Chromium MCL		ug/L	---	365	---	424	---	---	---	---
Cobalt	NA	ug/L	---	<10	---	<10	---	<10	<10	---
Copper[1]	See Below[6]	ug/L	---	1.2	---	35	---	<1.0	1.3	---
Calculated Copper MCL		ug/L	---	21	---	25	---	---	7.09	---
Iron[1]	1.000	ug/l	---	680	---	23000	---	350	240	---
Lead[1]	See Below[7]	ug/L	---	2.2	---	43	---	<1.0	<1.0	---
Calculated Lead MCL		ug/L	---	8	---	10	---	---	---	---
Mercury[1]	0.012	ug/L	---	<0.10	---	0.24	---	<0.10	<0.10	---
Nickel[1]	See Below[8]	ug/L	---	3.2	---	12	---	<10	<10	---
Calculated Nickel MCL		ug/L	---	283	---	331	---	---	---	---
Selenium[1]	5	ug/L	---	<2.0	---	<2.0	---	<5.0	<5.0	---
Silver[1]	0.07	ug/L	---	<0.070	---	<0.070	---	<0.070	<0.070	---
Sodium[2]	See Below[9]	ug/L	---	52.000	---	37.000	---	32.000	9000	---
Calculated Sodium MCL		ug/L	---	40.500	---	15.000	---	15.000	16.500	---
Thallium[1]	6.3	ug/l	---	<1.0	---	<1.0	---	<50	2.6J	---
Vanadium	NA	ug/L	---	<10	---	120	---	<10	3.1J	---
Zinc[1]	See Below[10]	ug/L	---	<20	---	550	---	<20	29	---
Calculated Zinc MCL		ug/L	---	---	---	223	---	---	64	---
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	---	3.10	---	1.70	---	2.90	1.74	2.06
pH (Field)[1]	6.5-8.5	Unit	---	6.94	---	7.79	---	7.02	6.74	6.10
Specific Conductance (Field)[1]	1.275	umho/cm	---	638	---	240.0	---	98.6	273	426
Temperature (Field)	NA	Deg C	---	21.4	---	23.5	---	22.1	26.2	19.8
Turbidity (Field)[1]	29	NTU	---	3.9	---	570	---	0.87	7.23	260
Organic Parameters:										
Acetone[2]	1.692	µg/L	---	<10	---	<10	---	<10	<10	---
Carbon Disulfide[2]	105	µg/L	---	<0.50	---	6.1	---	<1.0	<1.0	---
Chlorobenzene[2]	17	µg/L	---	<0.50	---	<1.0	---	<1.0	<1.0	---
Chloroform	NA	µg/L	---	<0.50	---	<1.0	---	<1.0	<1.0	---
cis-1,2-Dichloroethene	NA	µg/L	---	<0.50	---	<1.0	---	<1.0	<1.0	---
Toluene[2]	475	µg/L	---	<0.50	---	<1.0	---	<1.0	0.4J	---

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is a Surface Water Criterion (Chapter 62-302 F.A.C.).

[2] Parameter MCL is a Surface Water Clean-up Standard (Chapter 62-777 F.A.C.).

[3] Parameter MCL is calculated by the following formula: not greater than 10% above background levels.

[4] Parameter MCL is calculated by the following formula: Cd < e^(0.7852*[ln Hardness]-3.49).

[5] Parameter MCL is calculated by the following formula: Cr < e^(0.819*[ln Hardness]+1.561).

[6] Parameter MCL is calculated by the following formula: Cu < e^(0.8545*[ln Hardness]-1.465).

[7] Parameter MCL is calculated by the following formula: Pb < e^(1.273*[ln Hardness]-4.705).

[8] Parameter MCL is calculated by the following formula: Ni < e^(0.846*[ln Hardness]+1.1645).

[9] Parameter MCL is calculated by the following formula: not greater than 50% above background levels or 1275, which ever is greater.

[10] Parameter MCL is calculated by the following formula: Zn < e^(0.8473*[ln Hardness]+0.7614).

SW-4

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$	>20	mg/l	---	210	---	---	---	190	160	190
Total Dissolved Solids	NA	mg/l	---	430	---	---	---	340	240	340
Total Suspended Solids	NA	mg/l	---	7.7	---	---	---	280	5.4	6.4
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	1	1.3
Total Phosphorus	NA	mg/l	---	0.05	---	---	---	0.13	0.050J	0.1
Total Nitrogen	NA	mg/l	---	3.9	---	---	---	1.3	1	1.40
Ammonia Nitrogen -Unionized	0.02	mg/l	---	<0.050	---	---	---	<0.050	0.072	0.20
Biolgical Oxygen Demand (5-day)	NA	mg/l	---	2.0	---	---	---	<2.0	2.5	2.40
Chemical Oxygen Demand	NA	mg/l	---	58	---	---	---	77	39	54
Chlorophyll A	NA	mg/m^3	---	29	---	---	---	26	9.2	7.3
Total Organic Carbon	NA	mg/l	---	18	---	---	---	18	14	16.0
Nitrate Nitrogen	NA	mg/l	---	0.67	---	---	---	0.07	0.02J	0.070
Antimony	4.300	ug/L	---	<3.0	---	---	---	<5.0	<5.0	<5.0
Arsenic[1]	50	ug/L	---	4.3	---	---	---	<5.0	<5.0	<5.0
Barium[2]	See Below[3]	ug/l	---	53	---	---	---	46	37	34.0
Calculated Barium MCL		ug/l	---	47.3	---	---	---	13.2	5.5	5.5
Beryllium[1]	0.13	ug/L	---	0.17	---	---	---	<0.10	<0.10	<0.10
Cadmium	Calculated[4]	ug/L	---	<0.10	---	---	---	<0.10	<0.10	<0.10
Chromium[1]	See Below[5]	ug/L	---	2.2	---	---	---	<5.0	1.2J	<5.0
Calculated Chromium MCL		ug/L	---	380	---	---	---	---	---	---
Cobalt	NA	ug/L	---	<10	---	---	---	<10	1.5J	<10
Copper[1]	See Below[6]	ug/L	---	<1.0	---	---	---	1.5	0.6J	<1.0
Calculated Copper MCL		ug/L	---	---	---	---	---	3	---	---
Iron[1]	1.000	ug/l	---	85	---	---	---	3100	200	540
Lead[1]	See Below[7]	ug/L	---	1.2	---	---	---	1.4	<1.0	<1.0
Calculated Lead MCL		ug/L	---	8	---	---	---	7	---	---
Mercury[1]	0.012	ug/L	---	<0.10	---	---	---	<0.10	<0.10	<0.10
Nickel[1]	See Below[8]	ug/L	---	5.6	---	---	---	<10	4.4J	<10
Calculated Nickel MCL		ug/L	---	295	---	---	---	---	---	---
Selenium[1]	5	ug/L	---	<2.0	---	---	---	<5.0	<5.0	<5.0
Silver[1]	0.07	ug/L	---	<0.070	---	---	---	<0.070	<0.070	<0.070
Sodium[2]	See Below[9]	ug/L	---	66.000	---	---	---	36.000	29000	36.000
Calculated Sodium MCL		ug/L	---	40.500	---	---	---	15.000	16.500	14.400
Thallium[1]	6.3	ug/l	---	<1.0	---	---	---	<5.0	3.2J	<5.0
Vanadium	NA	ug/L	---	12	---	---	---	19	10	<10
Zinc[1]	Calculated[10]	ug/L	---	<20	---	---		<20	12J	<20
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	---	4.90	---	---	---	2.70	2.97	3.78
pH (Field)[1]	6.5-8.5	Unit	---	7.12	---	---	---	7.36	7.99	7.08
Specific Conductance (Field)[1]	1.275	umho/cm	---	586	---	---	---	103	483	481
Temperature (Field)	NA	Deg C	---	22.1	---	---	---	22.9	27.6	22.1
Turbidity (Field)[1]	29	NTU	---	6.2	---	---	---	14.4	9.14	3.15
Organic Parameters:										
Acetone[2]	1.692	µg/L	---	<10	---	---	---	<10	<10	<10
Carbon Disulfide[2]	105	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Chlorobenzene[2]	17	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Chloroform	NA	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NA	µg/L	---	<0.50	---	---	---	<1.0	<1.0	<1.0
Toluene[2]	475	µg/L	---	<0.50	---	---	---	<1.0	0.5J	<1.0

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is a Surface Water Criterion (Chapter 62-302 F.A.C.).

[2] Parameter MCL is a Surface Water Clean-up Standard (Chapter 62-777 F.A.C.).

[3] Parameter MCL is calculated by the following formula: not greater than 10% above background levels.

[4] Parameter MCL is calculated by the following formula: Cd < e^(0.7852*[ln Hardness]-3.49).

[5] Parameter MCL is calculated by the following formula: Cr < e^(0.819*[ln Hardness]+1.561).

[6] Parameter MCL is calculated by the following formula: Cu < e^(0.8545*[ln Hardness]-1.465).

[7] Parameter MCL is calculated by the following formula: Pb < e^(1.273*[ln Hardness]-4.705).

[8] Parameter MCL is calculated by the following formula: Ni < e^(0.846*[ln Hardness]+1.1645).

[9] Parameter MCL is calculated by the following formula: not greater than 50% above background levels or 1275, which ever is greater.

[10] Parameter MCL is calculated by the following formula: Zn < e^(0.8473*[ln Hardness]+0.7614).

Tomoka Farms Road Landfill, Volusia County, Florida

SW-5

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$	>20	mg/l	250	360	350	380	89	280	120	320
Total Dissolved Solids	NA	mg/l	790	560	790	590	260	530	260	420
Total Suspended Solids	NA	mg/l	36	20	42	130	4.5	36	52	<5.0
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	2.3	3.0
Total Phosphorus	NA	mg/l	0.099	0.036	<0.10	<0.10	<0.10	0.12	0.58	<0.10
Total Nitrogen	NA	mg/l	5.6	12.0	3.4	<0.50	1.40	4.9	2.3	3.70
Ammonia Nitrogen -Unionized	0.02	mg/l	<0.050	<0.050	<0.050	0.17	0.050	<0.050	0.38	1.50
Biolgical Oxygen Demand (5-day)	NA	mg/l	<2.0	10	6.00	8.5	<1406	<2.0	7.2	<2
Chemical Oxygen Demand	NA	mg/l	280	92	130	100	70	73	55	86
Chlorophyll A	NA	mg/m^3	80.0	2.5	60.0	13	35	34	2.8	5.2
Total Organic Carbon	NA	mg/l	96	10	41	33	20	19	25	28.0
Nitrate Nitrogen	NA	mg/l	<0.050	0.82	0.22	<0.25	<0.050	0.94	<0.050	0.63
Antimony	4.300	ug/L	<3.0	<3.0	<3.0	<3.0	<5.0	<5.0	4.6J	<5.0
Arsenic[1]	50	ug/L	2.90	2.1	3.5	1.6	4.0	<5.0	8	<5.0
Barium[2]	See Below[3]	ug/l	76	70	140	99	18	75	30	70.0
Calculated Barium MCL		ug/l	5.5	47.3	5.5	5.5	5.5	13.2	5.5	5.5
Beryllium[1]	0.13	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	<0.10
Cadmium	See Below[4]	ug/L	<0.10	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Calculated Cadmium MCL		ug/L	---	3	---	---	---	---	---	---
Chromium[1]	See Below[5]	ug/L	3.7	1.9	1.7	<1.0	<1.0	<5.0	1.8J	<5.0
Calculated Chromium MCL		ug/L	438.38	590.94	577.46	---	---	---	---	---
Cobalt	NA	ug/L	<50	<10	<10	<10	<10	<10	1.4J	<10
Copper[1]	See Below[6]	ug/L	2.8	<1.0	<10	2.4	<1.0	1.3	1.9	1.5
Calculated Copper MCL		ug/L	26	---	---	37	---	229	14	32
Iron[1]	1.000	ug/l	860	530	860	1.800	430	2.700	1.400	700
Lead[1]	See Below[7]	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1	1.8	<1.0
Calculated Lead MCL		ug/L	---	---	---	---	---	12	4	---
Mercury[1]	0.012	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel[1]	See Below[8]	ug/L	15.0	8.1	5.2	4.5	3.8	<10	3.8J	<10
Calculated Nickel MCL		ug/L	342	466	455	488	143	---	---	---
Selenium[1]	5	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0
Silver[1]	0.07	ug/L	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070
Sodium[2]	See Below[9]	ug/L	160.000	82.000	97.000	87.000	50.000	50.000	14000	72.000
Calculated Sodium MCL		ug/L	14,700	40,500	15,000	15,000	16,500	15,000	16,500	14,400
Thallium[1]	6.3	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Vanadium	NA	ug/L	<10	<10	<10	<10	<10	10	18	<10
Zinc[1]	Calculated[10]	ug/L	<25	<20	<20	<20	<20	<20	15J	<20
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	9.30	5.30	6.60	6.90	7.30	4.80	1.59	0.66
pH (Field)[1]	6.5-8.5	Unit	6.89	6.54	7.60	7.74	9.76	7.31	7.21	7.31
Specific Conductance (Field)[1]	1.275	umho/cm	1320	781	1070	372.0	372	121	416	873
Temperature (Field)	NA	Deg C	28.1	22.2	28.4	20.8	28.9	23	28.8	23.3
Turbidity (Field)[1]	29	NTU	23	9.1	20.0	17	7.3	40.9	200	8.81
Organic Parameters:										
Acetone[2]	1.692	µg/L	<1.0	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide[2]	105	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[2]	17	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	NA	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NA	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<10
Toluene[2]	475	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is a Surface Water Criterion (Chapter 62-302 F.A.C.).

[2] Parameter MCL is a Surface Water Clean-up Standard (Chapter 62-777 F.A.C.).

[3] Parameter MCL is calculated by the following formula: not greater than 10% above background levels.

[4] Parameter MCL is calculated by the following formula: Cd < e^(0.7852*[ln Hardness]-3.49).

[5] Parameter MCL is calculated by the following formula: Cr < e^(0.819*[ln Hardness]+1.561).

[6] Parameter MCL is calculated by the following formula: Cu < e^(0.8545*[ln Hardness]-1.465).

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Tomoka Farms Road Landfill, Volusia County, Florida

SW-6

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$	>20	mg/l	200	280	210	200	210	210	---	130
Total Dissolved Solids	NA	mg/l	330	420	380	300	340	340	---	260
Total Suspended Solids	NA	mg/l	15.00	<1.0	7.2	8	28	10	---	53
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	---	1.7
Total Phosphorus	NA	mg/l	0.031	0.044	<0.10	<0.10	<0.10	<0.10	---	<0.10
Total Nitrogen	NA	mg/l	1.2	1.2	0.78	1.3	0.95	1.5	---	1.70
Ammonia Nitrogen -Unionized	0.02	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	---	0.09
Biolgical Oxygen Demand (5-day)	NA	mg/l	<2.0	3	<2.0	4.1	<1406	<2.0	---	2.70
Chemical Oxygen Demand	NA	mg/l	49	68	56	64	56	64	---	71
Chlorophyll A	NA	mg/m^3	6.1	13	14.0	15	10	56	---	17.0
Total Organic Carbon	NA	mg/l	42	22	16	17	37	16	---	20.0
Nitrate Nitrogen	NA	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	---	<0.050
Antimony	4.300	ug/L	<3.0	<3.0	<3.0	<3.0	<5.0	<5.0	---	<5.0
Arsenic[1]	50	ug/L	3.10	5.1	3.5	1.7	2.70	<5.0	---	<5.0
Barium[2]	See Below[3]	ug/l	39	26	56	39	47	42	---	23.0
Calculated Barium MCL		ug/l	5.5	47.3	5.5	5.5	5.5	13.2	---	5.5
Beryllium[1]	0.13	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	---	<0.10
Cadmium	Calculated[4]	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	---	<0.10
Chromium[1]	See Below[5]	ug/L	1.3	<1.0	<1.0	<1.0	<1.0	<5.0	---	<5.0
Calculated Chromium MCL		ug/L	365	---	---	---	---	---	---	---
Cobalt	NA	ug/L	<50	<10	<10	<10	<10	<10	---	<10
Copper[1]	See Below[6]	ug/L	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	---	2.5
Calculated Copper MCL		ug/L	---	---	---	---	---	---	---	15
Iron[1]	1.000	ug/l	140	530	230	180	120	240	---	700
Lead[1]	See Below[7]	ug/L	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	---	<1.0
Calculated Lead MCL		ug/L	---	11.8	---	---	---	---	---	---
Mercury[1]	0.012	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	---	<0.10
Nickel[1]	See Below[8]	ug/L	16	1.4	<1.0	1.3	<1.0	<10	---	<10
Calculated Nickel MCL		ug/L	283	377	---		---	---	---	---
Selenium[1]	5	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	---	<5.0
Silver[1]	0.07	ug/L	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	---	<0.070
Sodium[2]	See Below[9]	ug/L	38.000	23.000	33.000	34.000	39.000	32.000	---	35.000
Calculated Sodium MCL		ug/L	14.700	40.500	15.000	15.000	16.500	15.000	---	14.400
Thallium[1]	6.3	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	---	<5.0
Vanadium	NA	ug/L	<10	<10	<10	<10	<10	<10	---	<10
Zinc[1]	Calculated[10]	ug/L	<25	<20	<20	<20	<20	<20	---	<20
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	8.40	5.40	17.00	8.20	7.00	5.60	---	7.46
pH (Field)[1]	6.5-8.5	Unit	6.07	6.86	7.51	7.99	7.29	8.17	---	7.76
Specific Conductance (Field)[1]	1.275	umho/cm	555	712	547	188	539	133	---	403
Temperature (Field)	NA	Deg C	28.0	22.2	28.0	20.5	26.9	23.8	---	23.9
Turbidity (Field)[1]	29	NTU	10	3.9	15.0	4	10.2	5.56	---	8.3
Organic Parameters:										
Acetone[2]	1.692	µg/L	<10	<10	<10	<10	<10	<10	---	<10
Carbon Disulfide[2]	105	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	---	<1.0
Chlorobenzene[2]	17	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	---	<1.0
Chloroform	NA	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	---	<1.0
cis-1,2-Dichloroethene	NA	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	---	<1.0
Toluene[2]	475	µg/L	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	---	<1.0

Notes:

MCL = Maximum Contamination Level.

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--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

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Tomoka Farms Road Landfill, Volusia County, Florida

SW-9

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$	>20	mg/l	---	150	240	270	370	360	210	430
Total Dissolved Solids	NA	mg/l	---	220	460	360	530	560	410	450
Total Suspended Solids	NA	mg/l	---	18	6.7	22	8.5	870	110	23
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	5.5	2.6
Total Phosphorus	NA	mg/l	---	0.027	<0.10	<0.10	<0.10	1.6	0.42	<0.10
Total Nitrogen	NA	mg/l	---	0.8	1.3	1.2	1.80	6.0	5.5	2.9
Ammonia Nitrogen -Unionized	0.02	mg/l	---	<0.050	<0.050	<0.050	0.110	0.28	1.5	1.10
Biolgical Oxygen Demand (5-day)	NA	mg/l	---	3	2.00	7.2	2.10	5	29	3.40
Chemical Oxygen Demand	NA	mg/l	---	46	74	75	43	110	160	100
Chlorophyll A	NA	mg/m^3	---	9.4	12.0	17	26	44	9.9	13.0
Total Organic Carbon	NA	mg/l	---	14	24	20	18	22	50	29.0
Nitrate Nitrogen	NA	mg/l	---	<0.050	0.31	<0.050	<0.050	<0.10	<0.050	<0.050
Antimony	4,300	ug/L	---	<3.0	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0
Arsenic[1]	50	ug/L	---	1.2	3.9	2.5	2.30	<5.0	8.7J	<5.0
Barium[2]	See Below[3]	ug/l	---	18	38	39	74	190	44	85.0
Calculated Barium MCL		ug/l	---	47.3	5.5	5.5	5.5	13.2	5.5	5.5
Beryllium[1]	0.13	ug/L	---	<0.10	<0.10	<0.10	<0.10	0.83	0.22	<0.10
Cadmium	See Below[4]	ug/L	---	<0.10	<0.10	<0.10	<0.10	0.13	<0.10	<0.10
Calculated Cadmium MCL		ug/L	---	---	---	---	---	3	---	---
Chromium[1]	See Below[5]	ug/L	---	<1.0	<1.0	<1.0	<1.0	28	3.5J	<5.0
Calculated Chromium MCL		ug/L	---	---	---	---	---	591	---	---
Cobalt	NA	ug/L	---	<10	<10	<10	<10	<10	3.4J	<10
Copper[1]	See Below[6]	ug/L	---	<1.0	<1.0	<2.0	<1.0	4.6	2.9	<1.0
Calculated Copper MCL		ug/L	---	---	---	---	---	35..33	22	---
Iron[1]	1.000	ug/l	---	99	130	640	780	13,000	1,600	780
Lead[1]	See Below[7]	ug/L	---	<1.0	<1.0	<1.0	<1.0	9.9	3.9	<1.0
Calculated Lead MCL		ug/L	---	---	---	---	---	16	8	---
Mercury[1]	0.012	ug/L	---	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel[1]	See Below[8]	ug/L	---	<1.0	<1.0	2	<1.0	<10	5.1J	<10
Calculated Nickel MCL		ug/L	---	---	---	365	---	---	---	---
Selenium[1]	5	ug/L	---	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0
Silver[1]	0.07	ug/L	---	<0.070	<0.070	<0.070	<0.070	0.082	0.040J	<0.070
Sodium[2]	See Below[9]	ug/L	---	21,000	40,000	38,000	44,000	47,000	46000	51,000
Calculated Sodium MCL		ug/L	---	40,500	15,000	15,000	16,500	15,000	16,500	14,400
Thallium[1]	6.3	ug/l	---	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Vanadium	NA	ug/L	---	<10	<10	<10	<10	39	6.9J	<10
Zinc[1]	See Below[10]	ug/L	---	<20	<20	<20	<20	80	21	<20
Calculated Zinc MCL		ug/L	---	---	---	---	---	314	199	---
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	---	5.70	6.20	7.60	6.20	4.00	1.31	5.20
pH (Field)[1]	6.5-8.5	Unit	---	6.34	7.45	8.27	8.26	7.37	7.56	7.57
Specific Conductance (Field)[1]	1,275	umho/cm	---	486	624	315	732	148	620	852
Temperature (Field)	NA	Deg C	---	22.1	28.6	23.9	30.0	26.5	29..4	24.3
Turbidity (Field)[1]	29	NTU	---	8.4	6.5	5.3	195	755.0	94.8	16.4
Organic Parameters:										
Acetone[2]	1,692	µg/L	---	<10	<10	<10	<10	<10	14	<10
Carbon Disulfide[2]	105	µg/L	---	<0.50	18	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[2]	17	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	NA	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NA	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	5.5
Toluene[2]	475	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	0.6	<1.0

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is a Surface Water Criterion (Chapter 62-302 F.A.C.).

[2] Parameter MCL is a Surface Water Clean-up Standard (Chapter 62-777 F.A.C.).

[3] Parameter MCL is calculated by the following formula: not greater than 10% above background levels.

[4] Parameter MCL is calculated by the following formula: Cd < e^(0.7852*[ln Hardness]-3.49).

[5] Parameter MCL is calculated by the following formula: Cr < e^(0.819*[ln Hardness]+1.561).

[6] Parameter MCL is calculated by the following formula: Cu < e^(0.8545*[ln Hardness]-1.465).

[7] Parameter MCL is calculated by the following formula: Pb < e^(1.273*[ln Hardness]-4.705).

[8] Parameter MCL is calculated by the following formula: Ni < e^(0.846*[ln Hardness]+1.1645).

[9] Parameter MCL is calculated by the following formula: not greater than 50% above background levels or 1275, which ever is greater.

[10] Parameter MCL is calculated by the following formula: Zn < e^(0.8473*[ln Hardness]+0.7614).

Tomoka Farms Road Landfill, Volusia County, Florida

SW-10

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Jun-99	Dec-99	Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:										
Total Hardness as $CaCO_3$	>20	mg/l	---	190	85	140.0	230	140	210	160
Total Dissolved Solids	NA	mg/l	---	270	260	250	260	250	190	1990
Total Suspended Solids	NA	mg/l	---	14	<1.0	13	16	<1.0	11	7.6
Total Kjeldahl Nitrogen	NA	mg/l	---	---	---	---	---	---	0.76	0.8
Total Phosphorus	NA	mg/l	---	<0.025	<0.10	<0.10	<0.10	<0.10	0.02J	<0.10
Total Nitrogen	NA	mg/l	---	0.93	0.91	0.96	1.40	0.73	0.78	8.10
Ammonia Nitrogen -Unionized	0.02	mg/l	---	<0.050	<0.050	<0.050	<0.050	<0.050	0.03J	0.10
Biolgical Oxygen Demand (5-day)	NA	mg/l	---	2	<2.0	4.3	<1406	<2.0	<3.0	<2.0
Chemical Oxygen Demand	NA	mg/l	---	49	63	57	45	35	32	39
Chlorophyll A	NA	mg/m^3	---	22	2.1	12	130	1.5	2.8	9.3
Total Organic Carbon	NA	mg/l	---	14	19	19	13	11	12	12
Nitrate Nitrogen	NA	mg/l	---	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Antimony	4.300	ug/L	---	<3.0	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0
Arsenic[1]	50	ug/L	---	1.6	2.7	1.4	2.50	5	<5.0	<5.0
Barium[2]	See Below[3]	ug/l	---	41	10	23	50	27	31	21.0
Calculated Barium MCL		ug/l	---	47.3	5.5	5.5	5.5	13.2	5.5	5.5
Beryllium[1]	0.13	ug/L	---	<0.10	<0.10	<0.10	0.24	<0.10	0.18	<0.10
Cadmium	Calculated[4]	ug/L	---	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chromium[1]	See Below[5]	ug/L	---	2.5	<1.0	<1.0	5.1	<5.0	1.4J	<5.0
Calculated Chromium MCL		ug/L	---		---	---	409	---	---	---
Cobalt	NA	ug/L	---	<10	<10	<10	<10	<10	2.6J	<10
Copper[1]	See Below[6]	ug/L	---	<1.0	<1.0	<2.0	1.7	<1.0	3.4	<1.0
Calculated Copper MCL		ug/L	---	---	---	---	24	---	22	---
Iron[1]	1.000	ug/l	---	130	45	89	3,900	42	300	140
Lead[1]	See Below[7]	ug/L	---	<1.0	<1.0	<1.0	2.6	<1.0	1.4	<1.0
Calculated Lead MCL		ug/L	---	---	---	---	9	---	8	---
Mercury[1]	0.012	ug/L	---	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel[1]	See Below[8]	ug/L	---	1.1	<1.0	1.5	1.3	<10	<10	<10
Calculated Nickel MCL		ug/L	---		---	210	319	---	---	---
Selenium[1]	5	ug/L	---	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0
Silver[1]	0.07	ug/L	---	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070
Sodium[2]	See Below[9]	ug/L	---	28.000	31.000	30.000	32.000	23.000	25000	24.000
Calculated Sodium MCL		ug/L	---	40.500	15.000	15.000	16.500	15.000	16.500	14.400
Thallium[1]	6.3	ug/l	---	<1.0	<1.0	<1.0	<1.0	<5.0	4.8J	<5.0
Vanadium	NA	ug/L	---	<10	<10	<10	12	<10	4.6J	<10
Zinc[1]	Calculated[10]	ug/L	---	<20	<20	<20	<20	<20	11J	<20
Field Parameters:										
Dissolved Oxygen (Field)	>5.0	mg/l	---	6.50	6.80	8.40	6.00	3.80	4.28	6.33
pH (Field)[1]	6.5-8.5	Unit	---	6.12	7.69	8.29	7.80	7.69	8.39	7.64
Specific Conductance (Field)[1]	1.275	umho/cm	---	501	390	276.0	539	106	457	411
Temperature (Field)	NA	Deg C	---	21.3	28.5	23.6	29.0	24	30.4	25.1
Turbidity (Field)[1]	29	NTU	---	9.3	5.2	4.6	242	0.33	10.51	1.5
Organic Parameters:										
Acetone[2]	1.692	µg/L	---	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide[2]	105	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene[2]	17	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	NA	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	0.3J	<1.0
cis-1.2-Dichloroethene	NA	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene[2]	475	µg/L	---	<0.50	<0.50	<1.0	<1.0	<1.0	0.4J	<1.0

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is a Surface Water Criterion (Chapter 62-302 F.A.C.).

[2] Parameter MCL is a Surface Water Clean-up Standard (Chapter 62-777 F.A.C.).

[3] Parameter MCL is calculated by the following formula: not greater than 10% above background levels.

[4] Parameter MCL is calculated by the following formula: Cd < e^(0.7852*[ln Hardness]-3.49).

[5] Parameter MCL is calculated by the following formula: Cr < e^(0.819*[ln Hardness]+1.561).

[6] Parameter MCL is calculated by the following formula: Cu < e^(0.8545*[ln Hardness]-1.465).

[7] Parameter MCL is calculated by the following formula: Pb < e^(1.273*[ln Hardness]-4.705).

[8] Parameter MCL is calculated by the following formula: Ni < e^(0.846*[ln Hardness]+1.1645).

[9] Parameter MCL is calculated by the following formula: not greater than 50% above background levels or 1275, which ever is greater.

[10] Parameter MCL is calculated by the following formula: Zn < e^(0.8473*[ln Hardness]+0.7614).

NORTH LEACHATE POND

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION					
			Jun-00	Dec-00	Jun-01	Dec-01	Jun-02	Nov-02
Inorganic Parameters:								
Total Hardness as $CaCO_3$	NA	mg/l	6.7	670.0	1000	570	310	470
Total Dissolved Solids	NA	mg/l	190	3500	1800	1200	1000	720
Chloride	NA	mg/l	---	---	230	340	290	190
Ammonia Nitrogen -Unionized	NA	mg/l	0.68	130	33.000	0.23	2.6	25
Nitrate Nitrogen	NA	mg/l	<0.050	<0.50	<0.50	<0.50	<0.25	<0.050
Antimony	NA	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<3.0
Arsenic[1]	5,000	ug/L	<5.0	41	36	29	11	12
Barium[1]	100,000	ug/l	<10	66	20	<10	8.4J	18
Beryllium	NA	ug/L	<1.0	<1.0	<1.0	<1.0	0.12J	<1.0
Cadmium[1]	1000	ug/L	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0
Chromium[1]	5000	ug/L	<20	<20	13	<5.0	6.5	5.9
Cobalt	NA	ug/L	<10	<10	<10	<10	3.6J	<10
Copper	NA	ug/L	<2.0	<2.0	<10	<10	<10	<10
Iron	NA	ug/l	200	800	300	280	660	310
Lead[1]	5000	ug/L	<10	<10	<5.0	<5.0	<5.0	<5.0
Mercury[1]	200	ug/L	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20
Nickel	NA	ug/L	<50	67	74	51	38	23
Selenium[1]	1000	ug/L	<5.0	<5.0	<5.0	<5.0	2.8J	<5.0
Silver[1]	5,000	ug/L	<20	<20	<10	<10	<10	<10
Sodium	NA	ug/L	6,200	490,000	590,000	400,000	220,000	190,000
Thallium	NA	ug/l	<1.0	<1.0	<1.0	<1.0	0.76J	<1.0
Vanadium	NA	ug/L	<20	<20	<10	<10	5.9J	<10
Zinc	NA	ug/L	---	---	<20	<20	12J	<20
Field Parameters:								
Dissolved Oxygen (Field)	NA	mg/l	7.50	0.63	2.10	7.50	6.1	10.26
pH (Field)	NA	Unit	8.78	3.09	9.11	9.30	13.98	8.12
Specific Conductance (Field)	NA	umho/cm	125	4270.0	3360	655	1418	1420
Temperature (Field)	NA	Deg C	29.8	20.8	28.7	23.5	27.37	25.2
Turbidity (Field)	NA	NTU	14.7	15	4.3	55.2	11	48.9
Organic Parameters:								
Acetone	NA	ug/L	<10	180	85	<10	<10	<10
Ethylbenzene	NA	ug/L	<0.50	16	<1.0	<1.0	<1.0	<1.0
Toluene	NA	ug/L	<0.50	2.2	<1.0	<1.0	0.3J	<1.0

Notes:

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Shaded = Sample result above the MCL.

mg/l = milligrams per liter.

ug/l = micrograms per liter.

[1] Parameter MCL is 40 CFR Part 261.24.

ATTACHMENT B

FIGURES

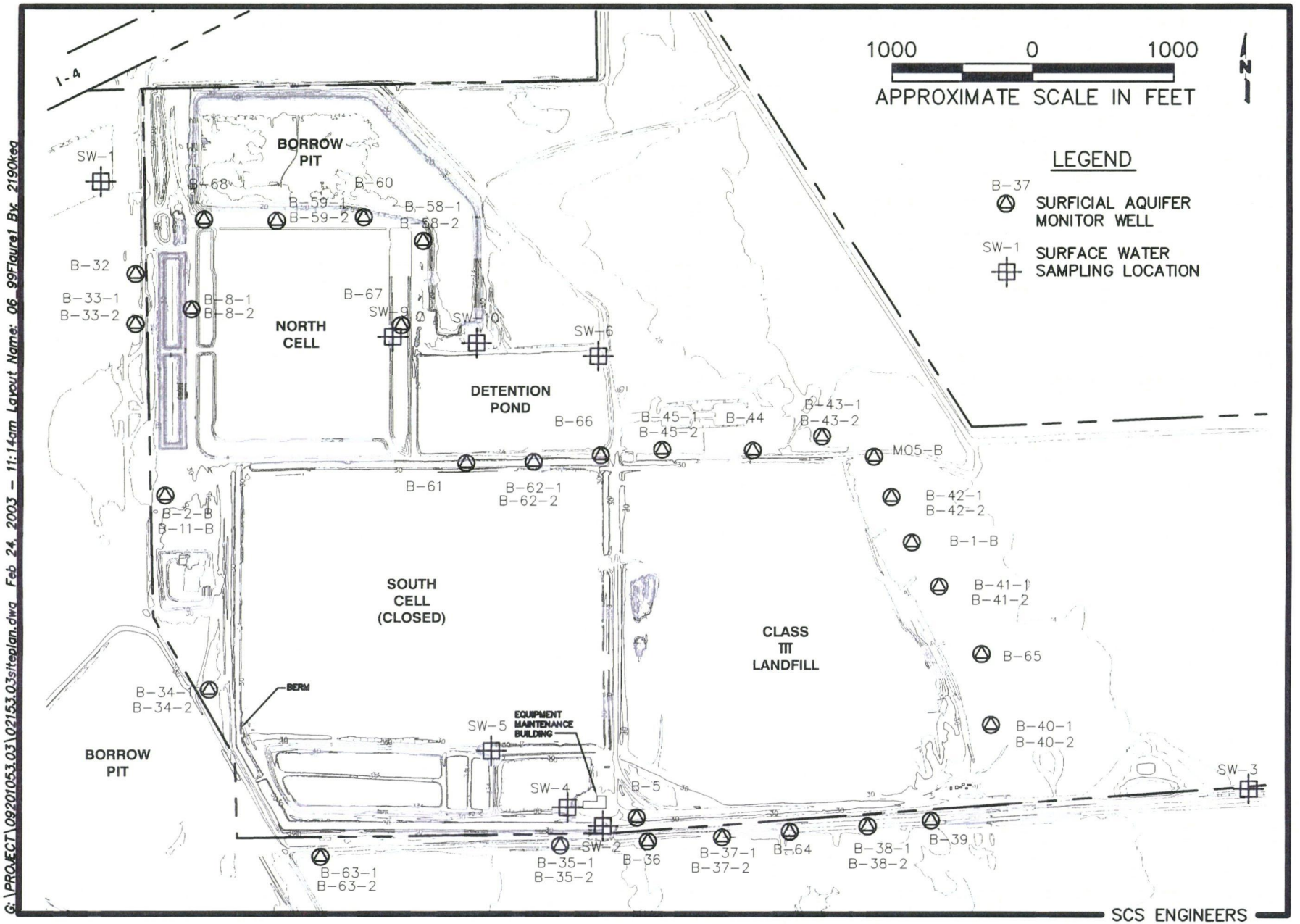


Figure 1. Site Plan, Tomoka Farms Road Landfill

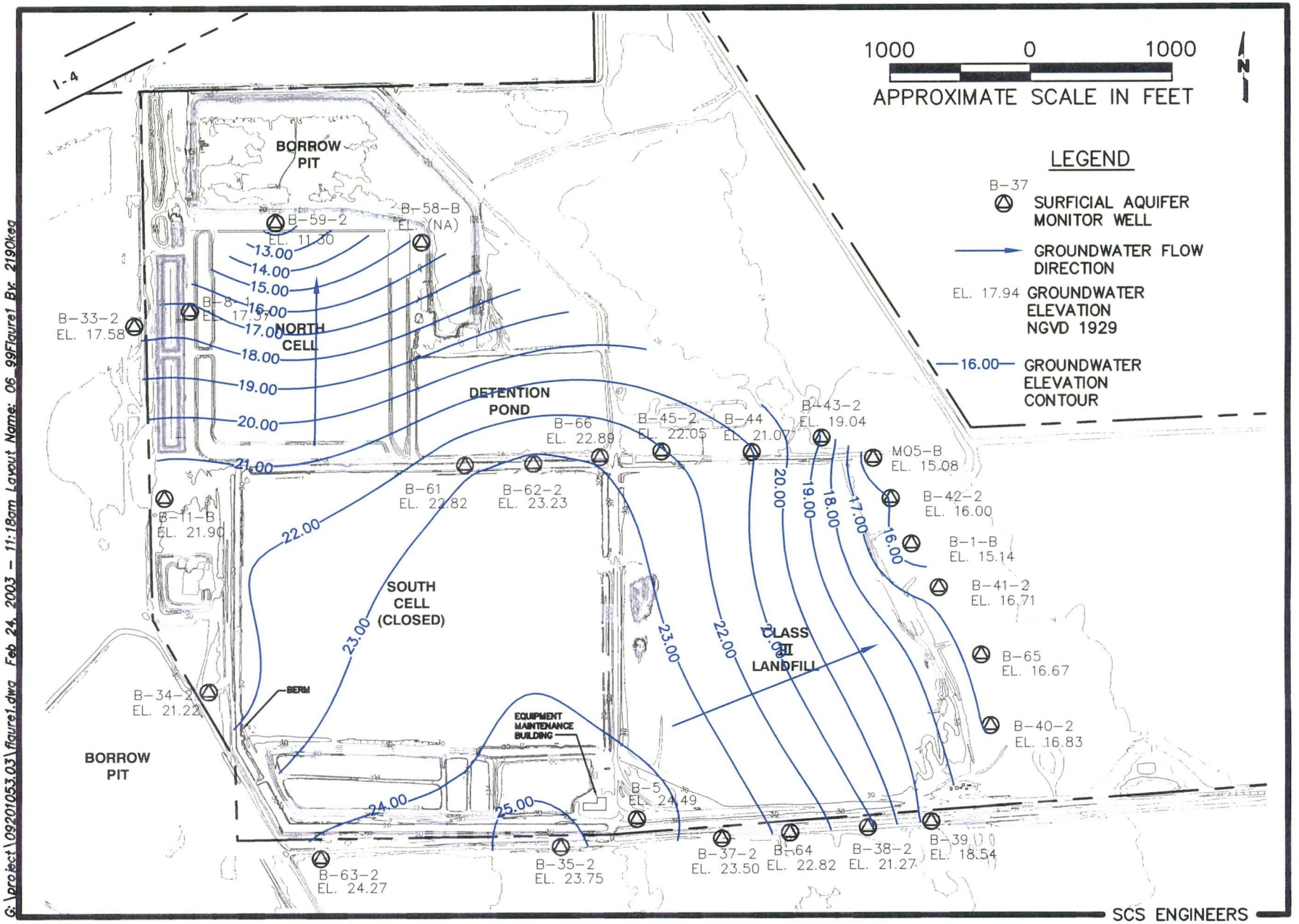


Figure 2A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, June 1999

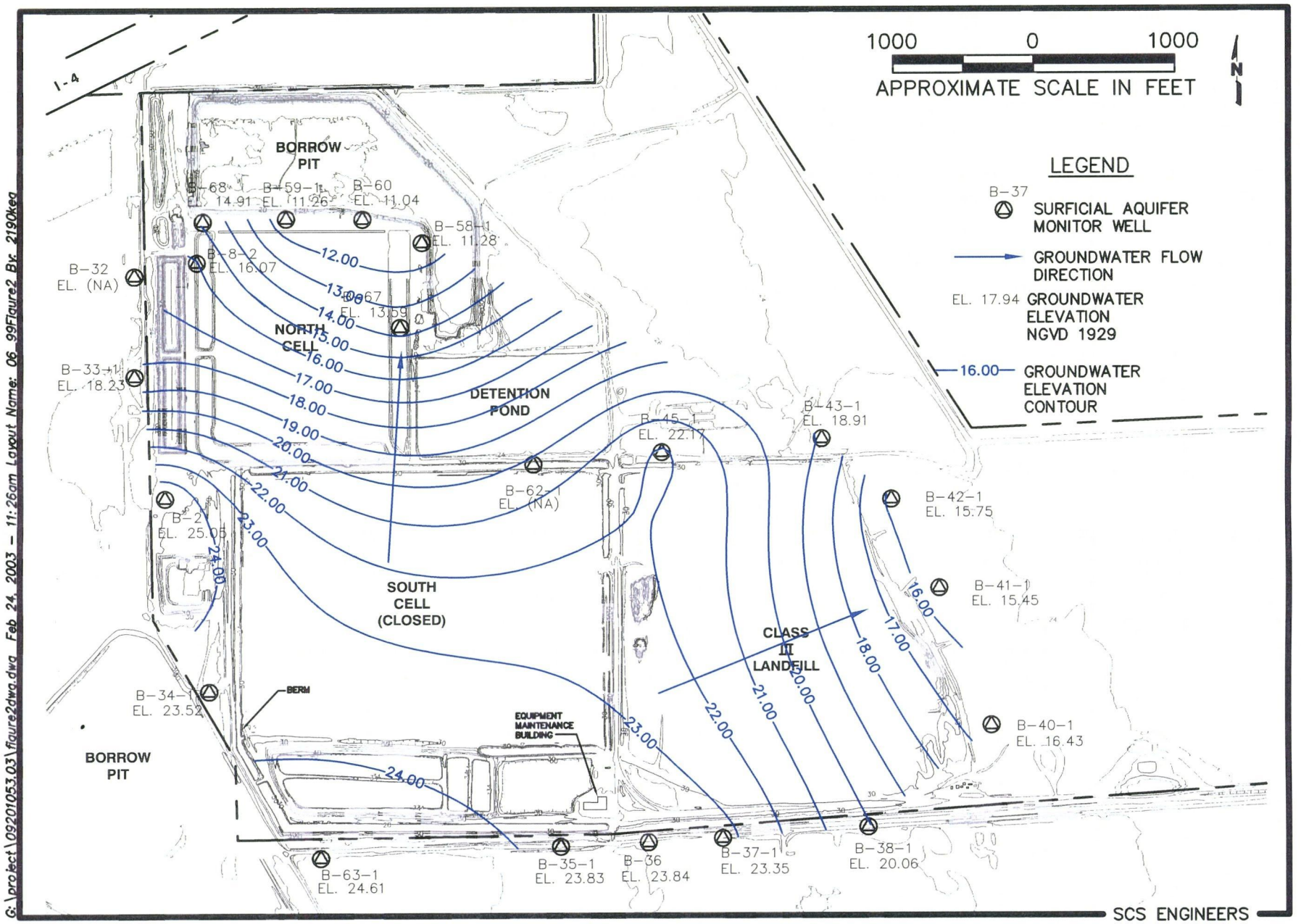


Figure 2B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, June 1999

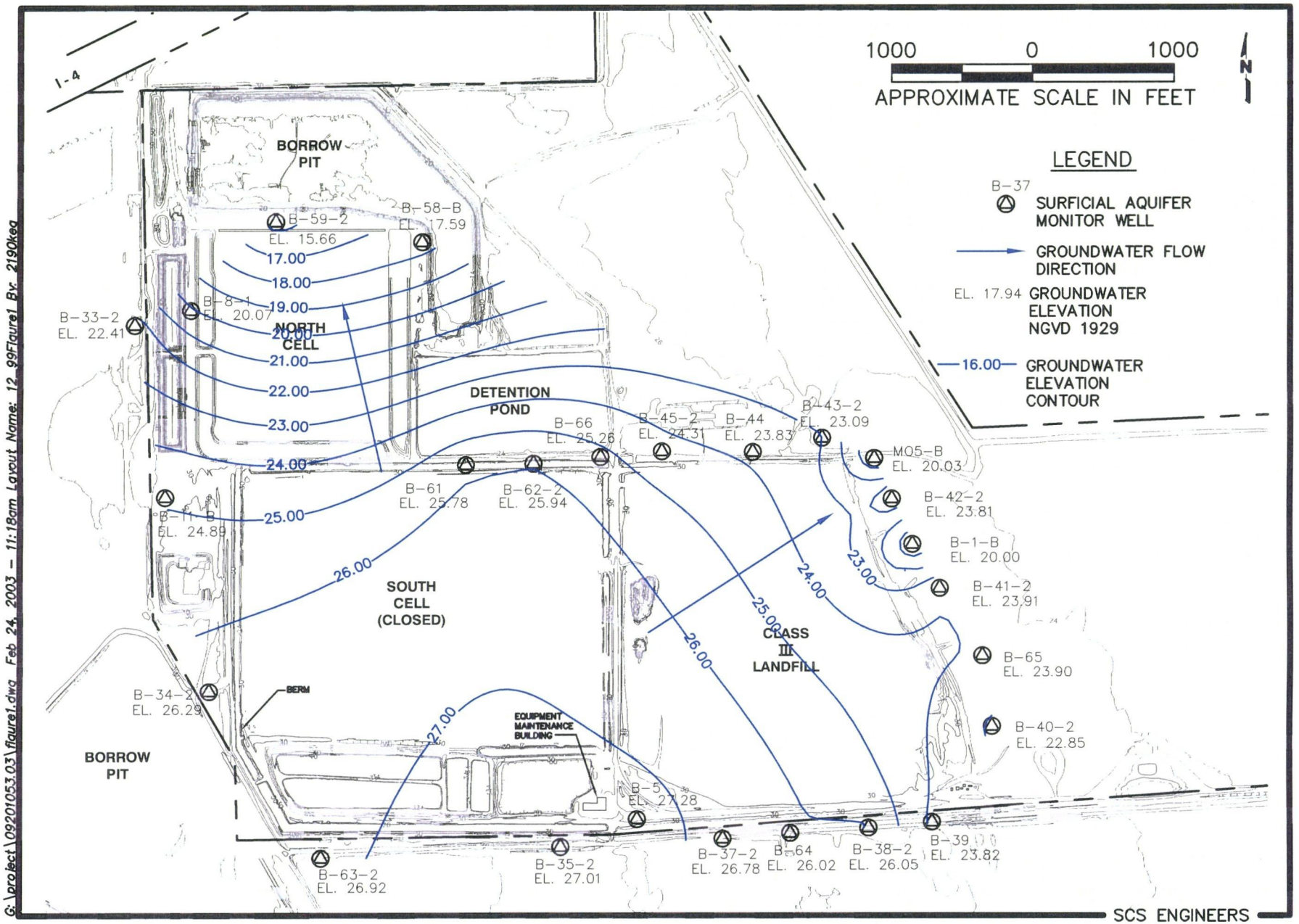


Figure 3A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, December 1999

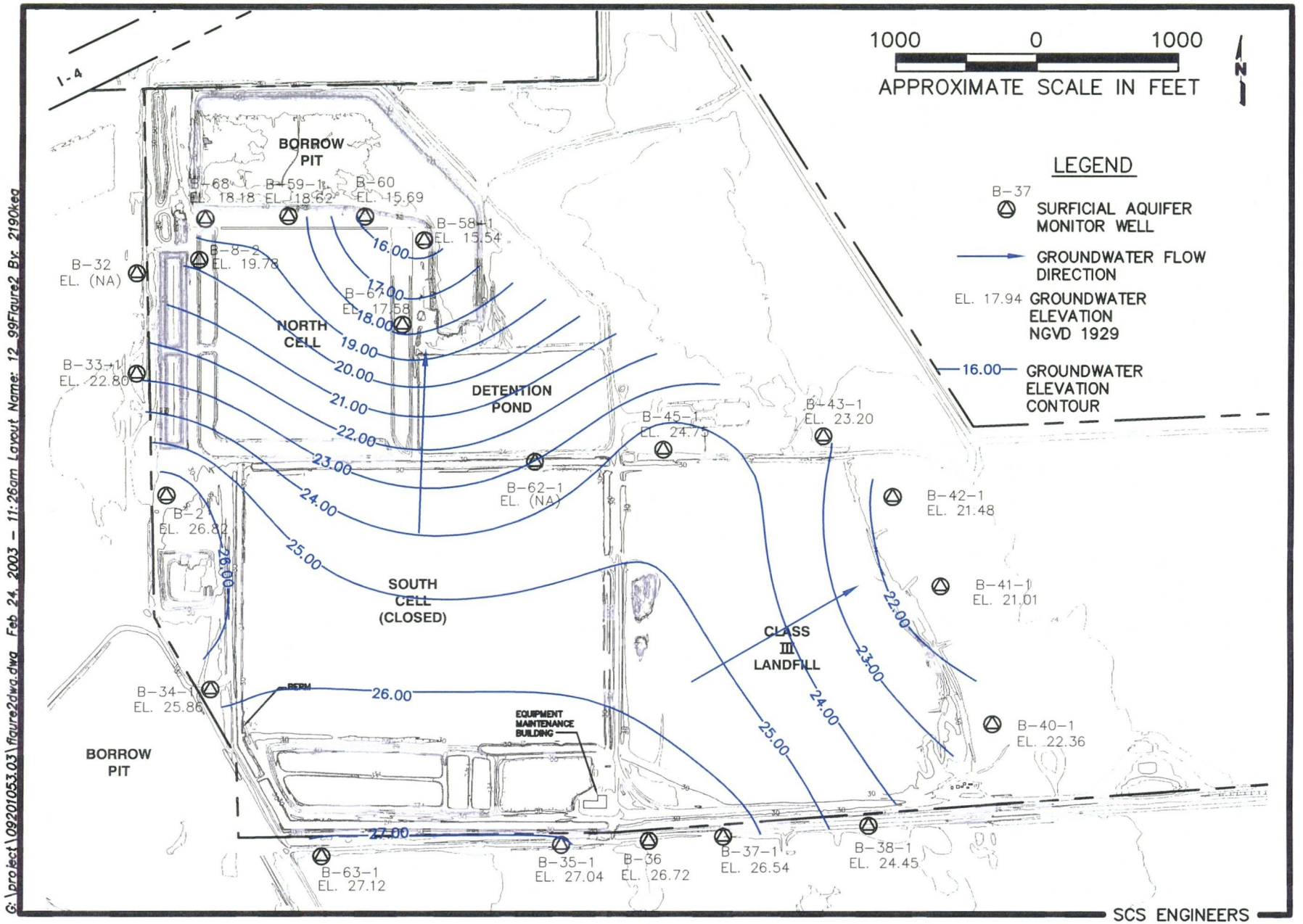


Figure 3B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, December 1999

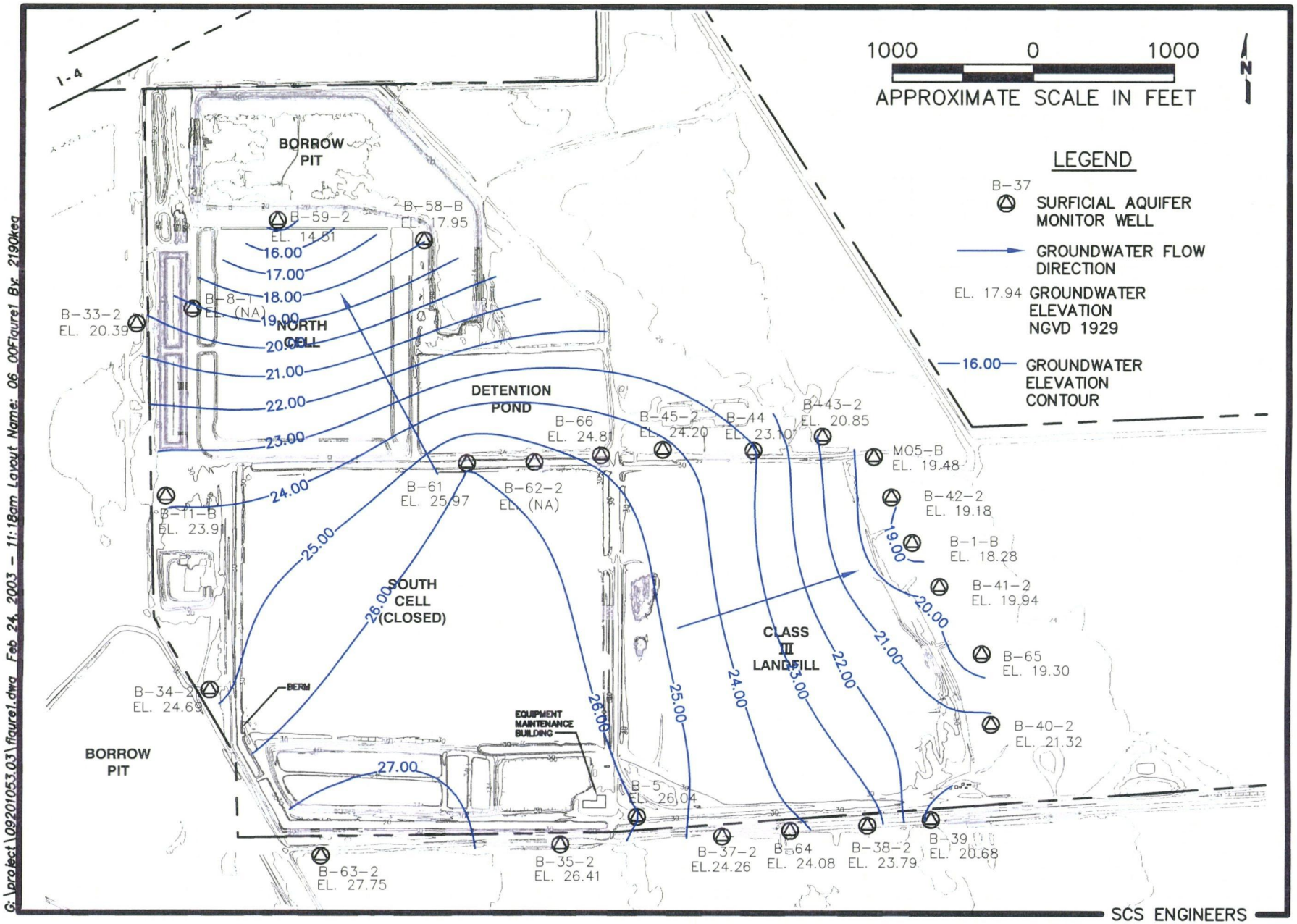


Figure 4A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, June 2000

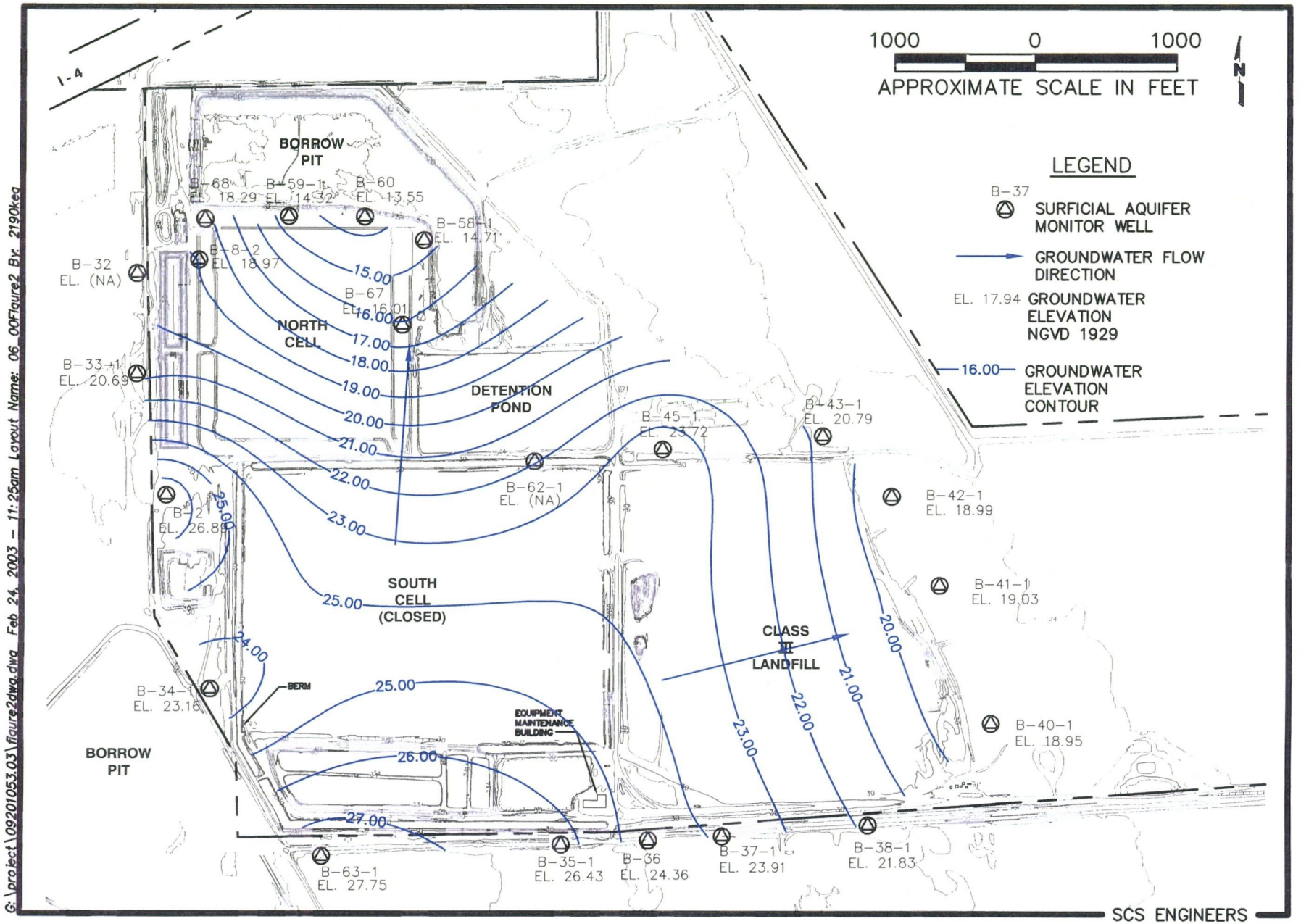


Figure 4B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, June 2000

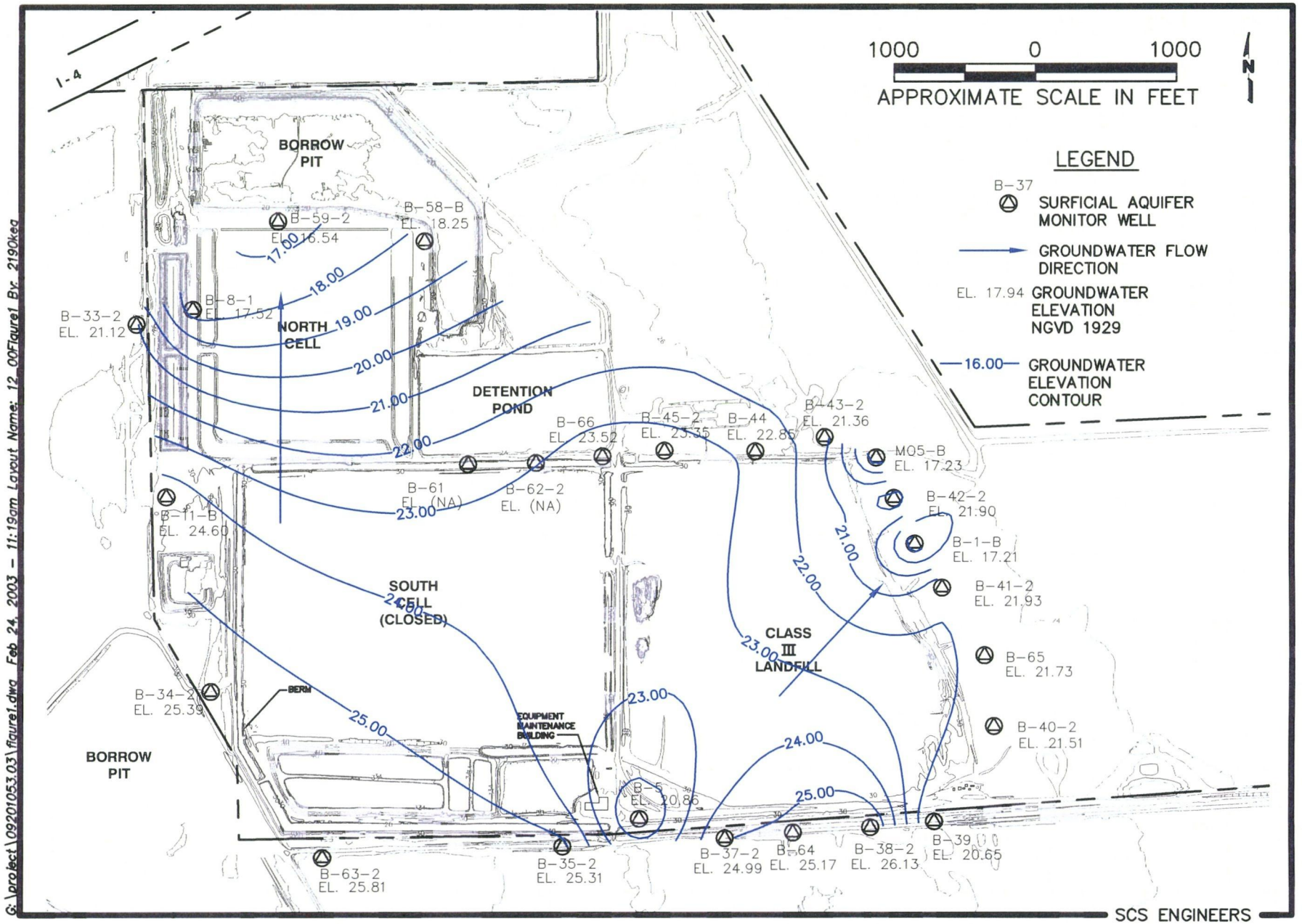


Figure 5A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, December 2000

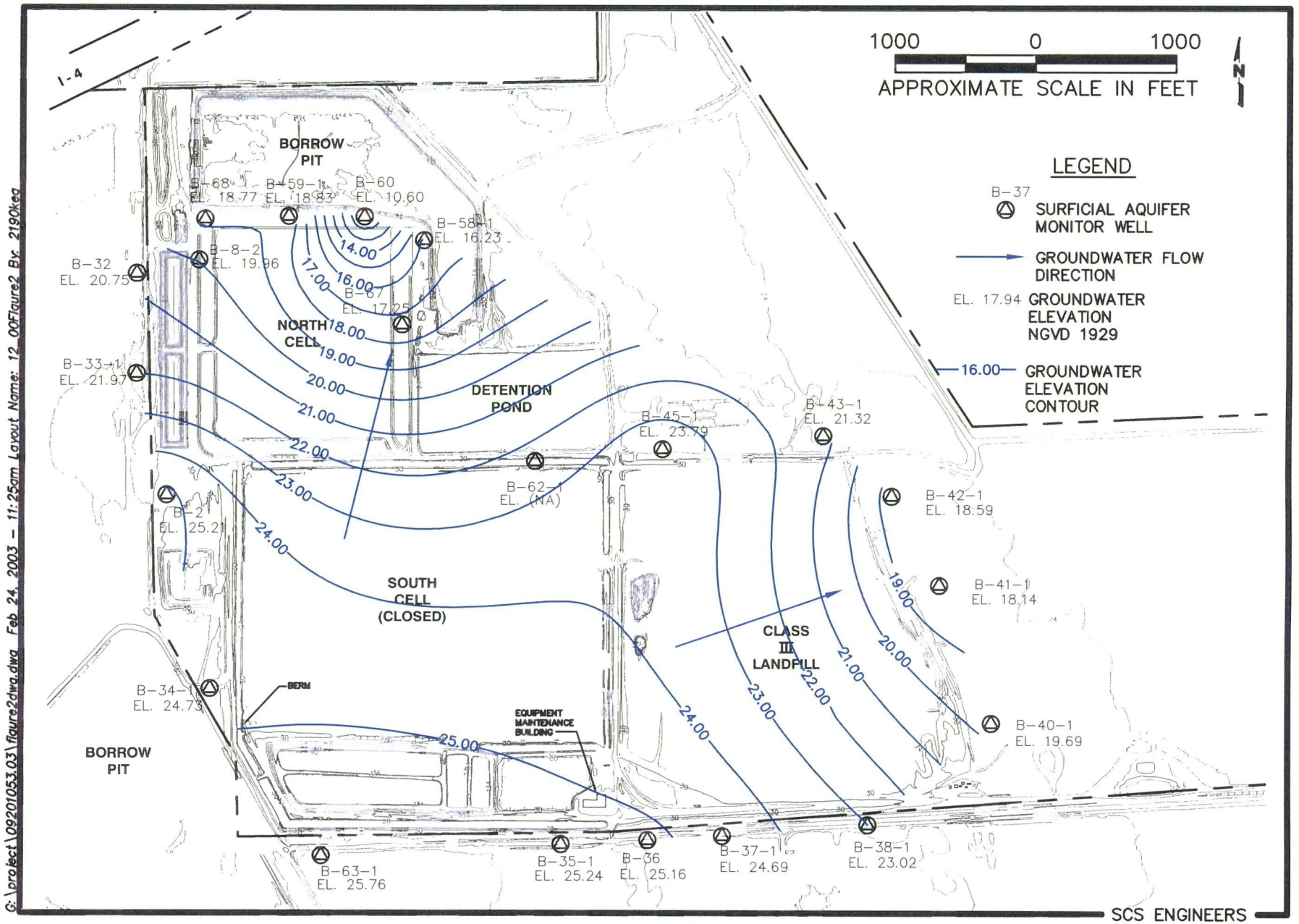


Figure 5B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, December 2000

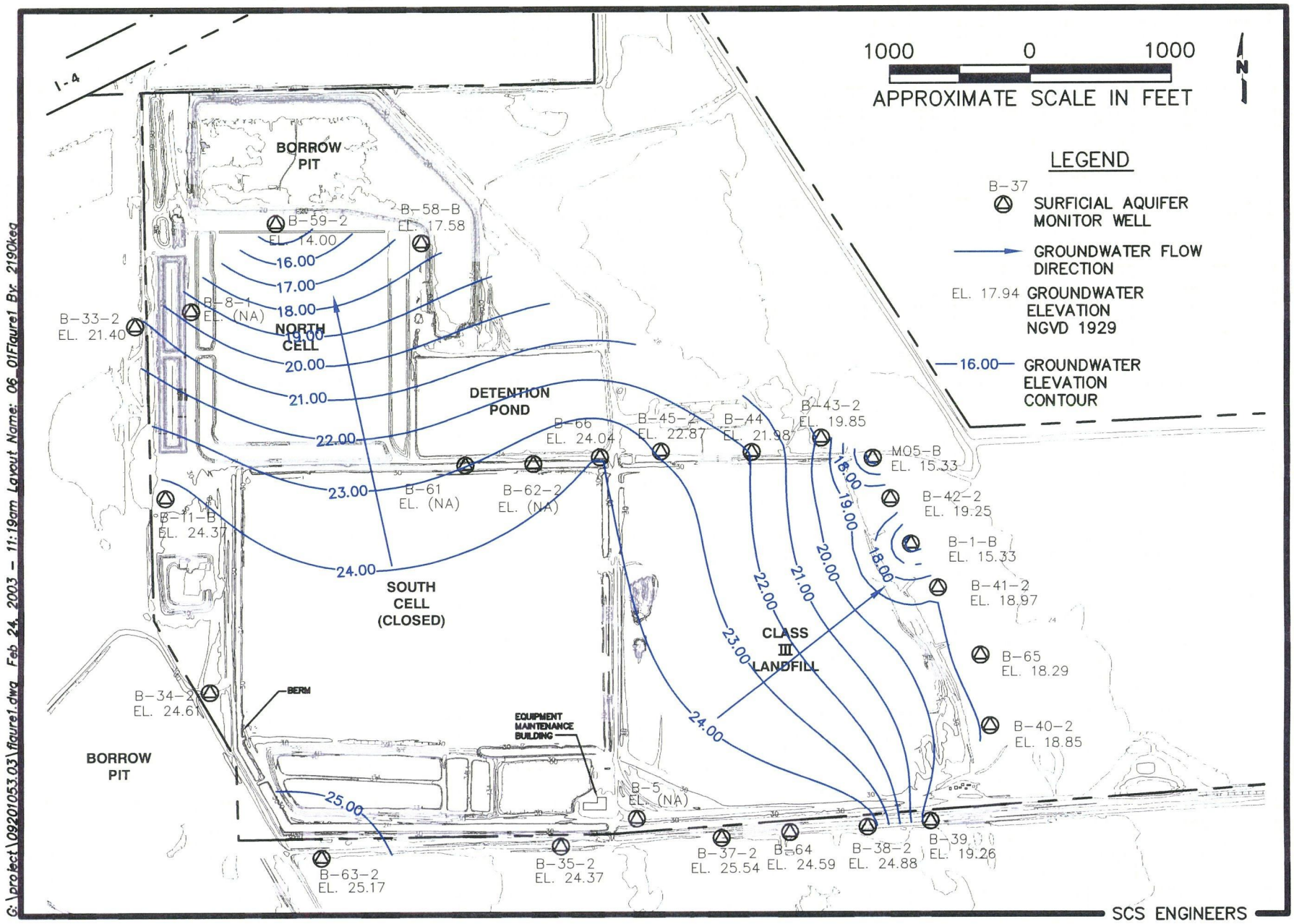


Figure 6A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, June 2001

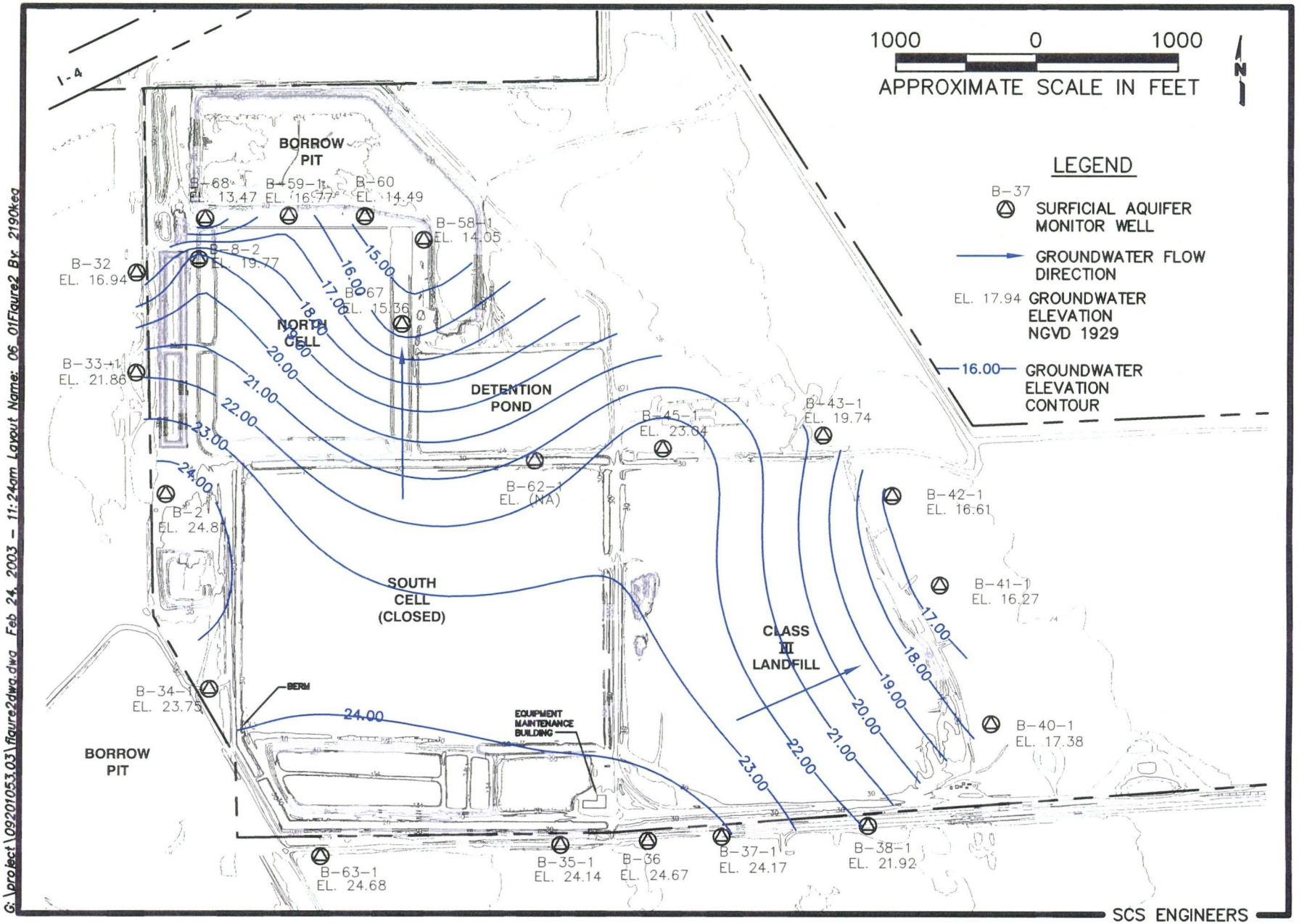


Figure 6B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, June 2001

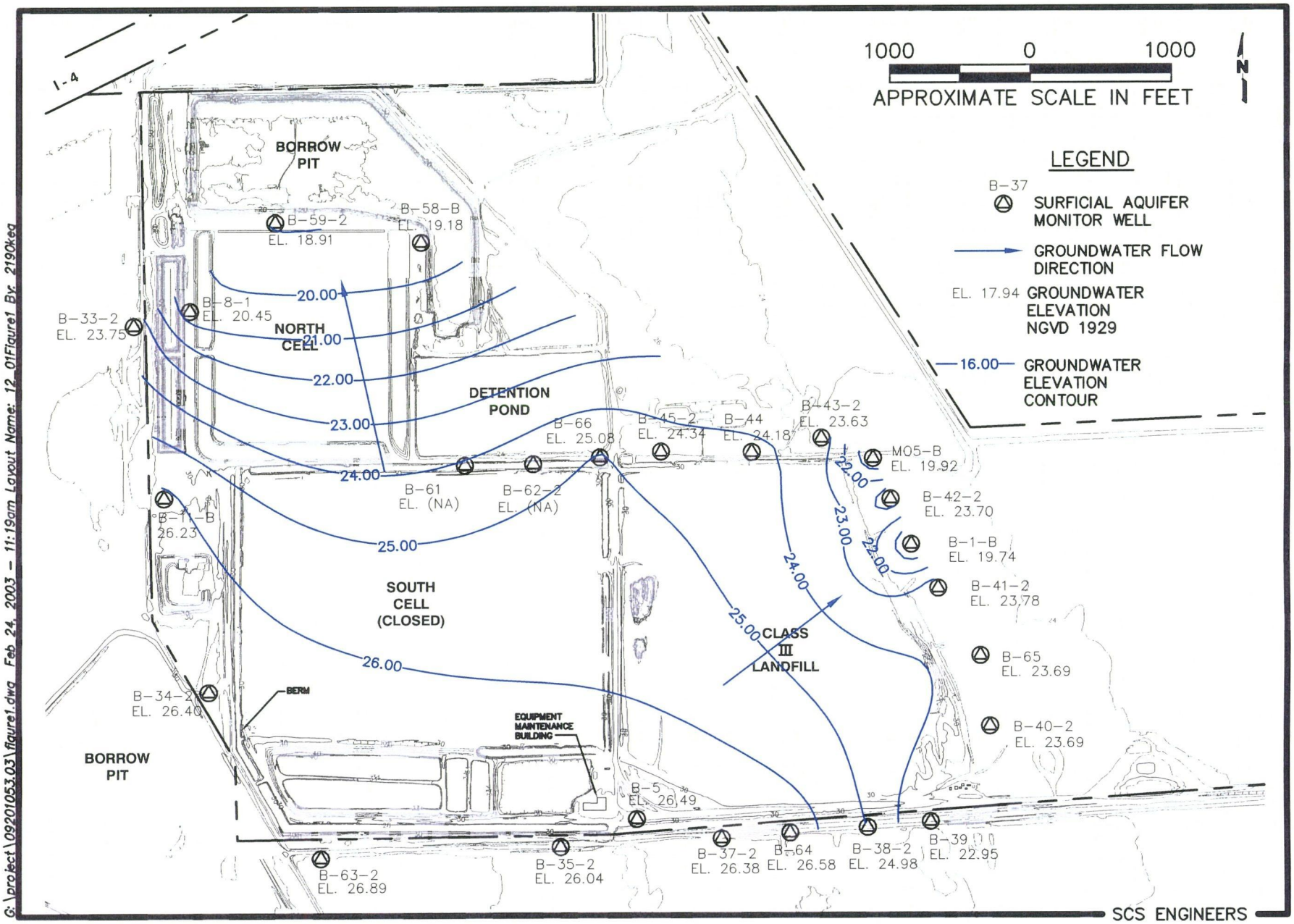


Figure 7A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, December 2001

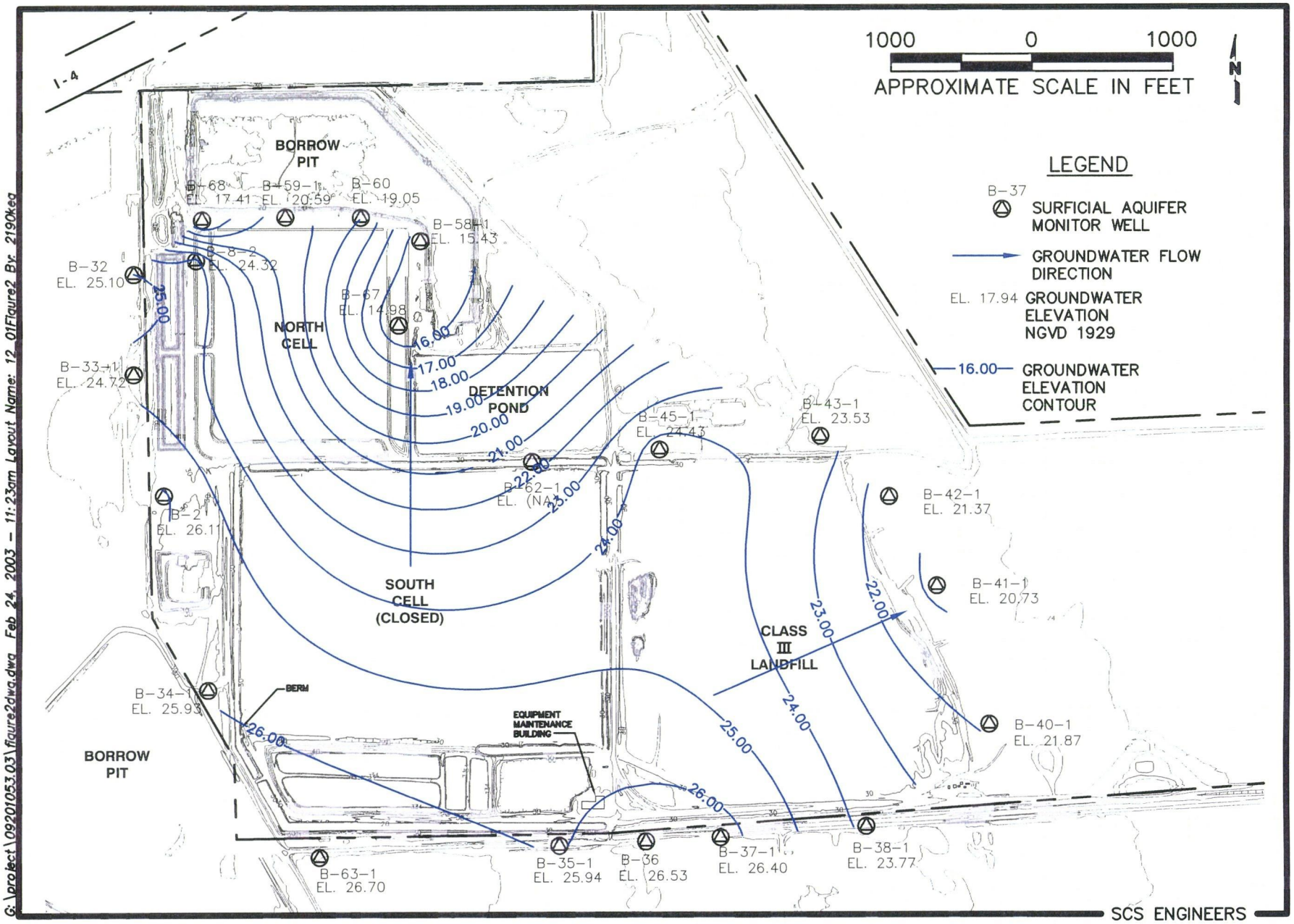


Figure 7B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, December 2001

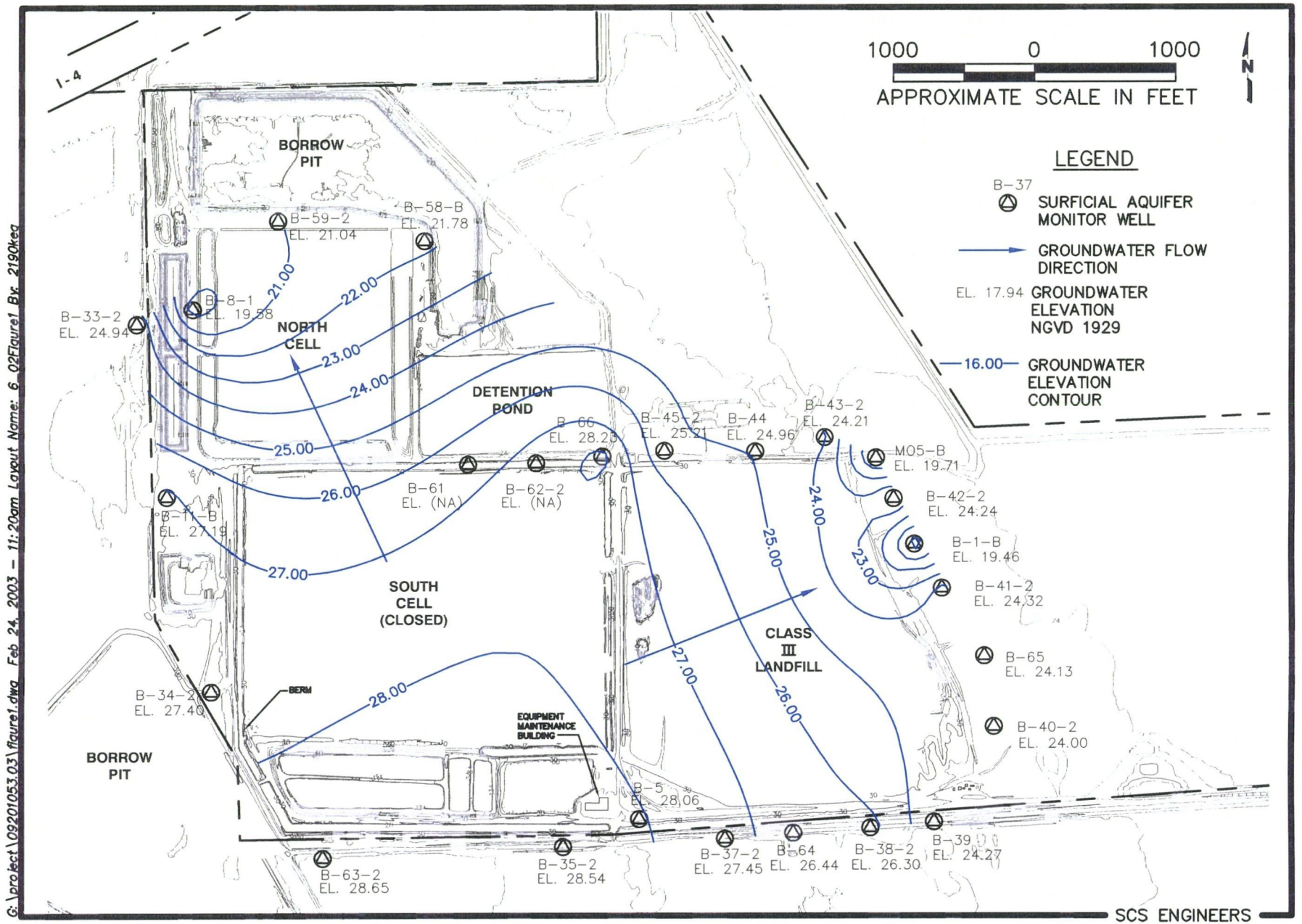


Figure 8A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, June 2002

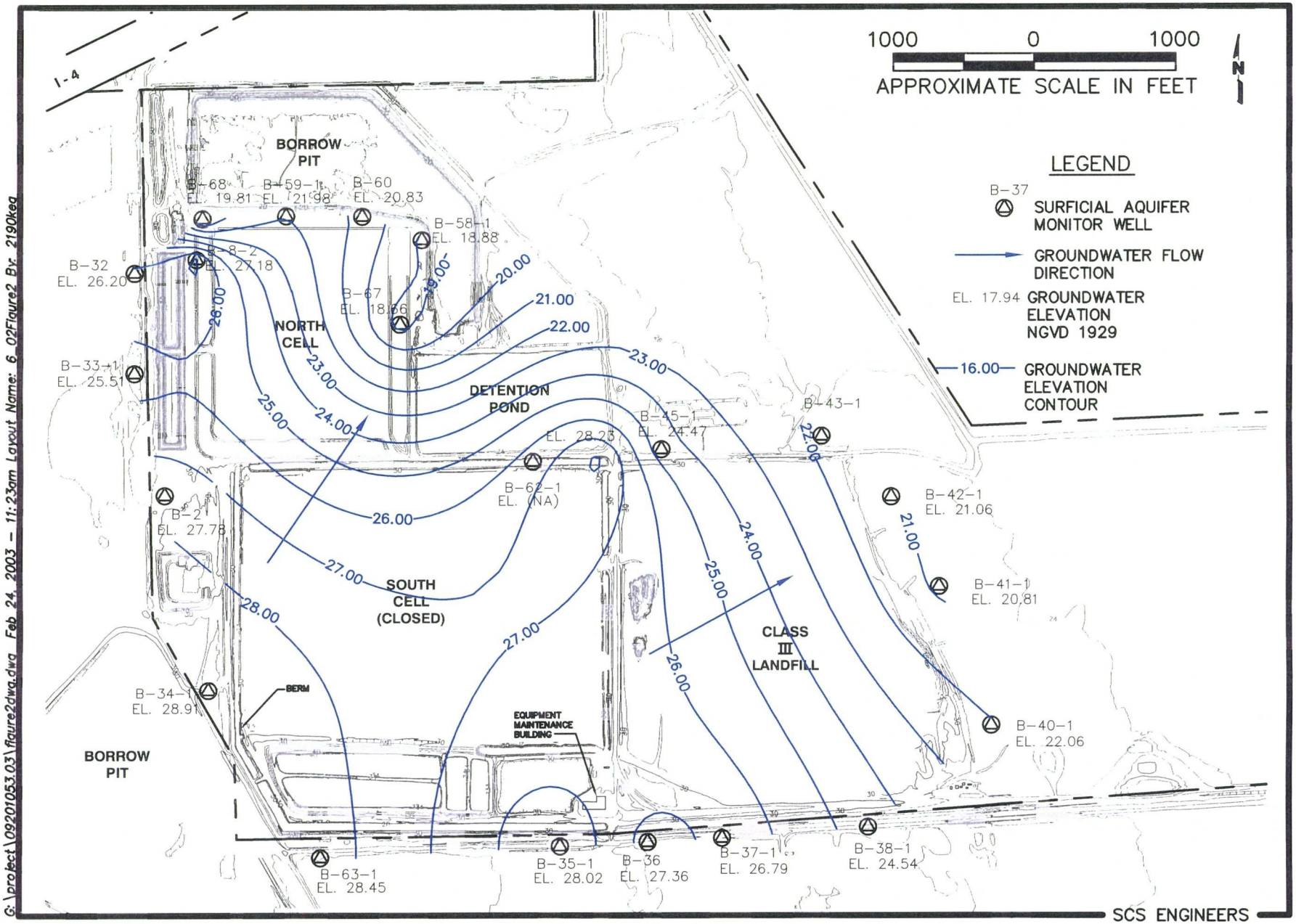


Figure 8B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, June 2002

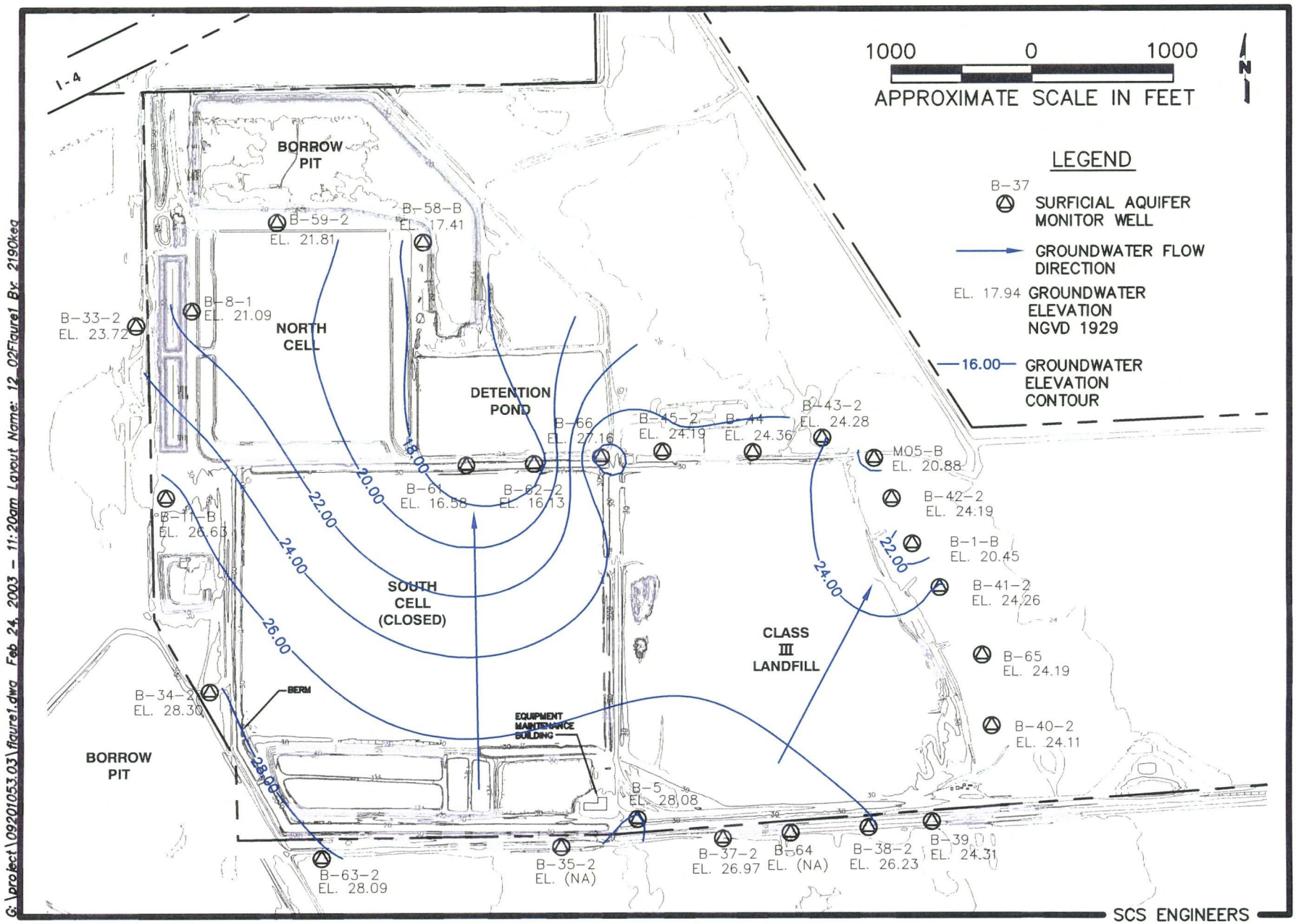


Figure 9A. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, December 2002

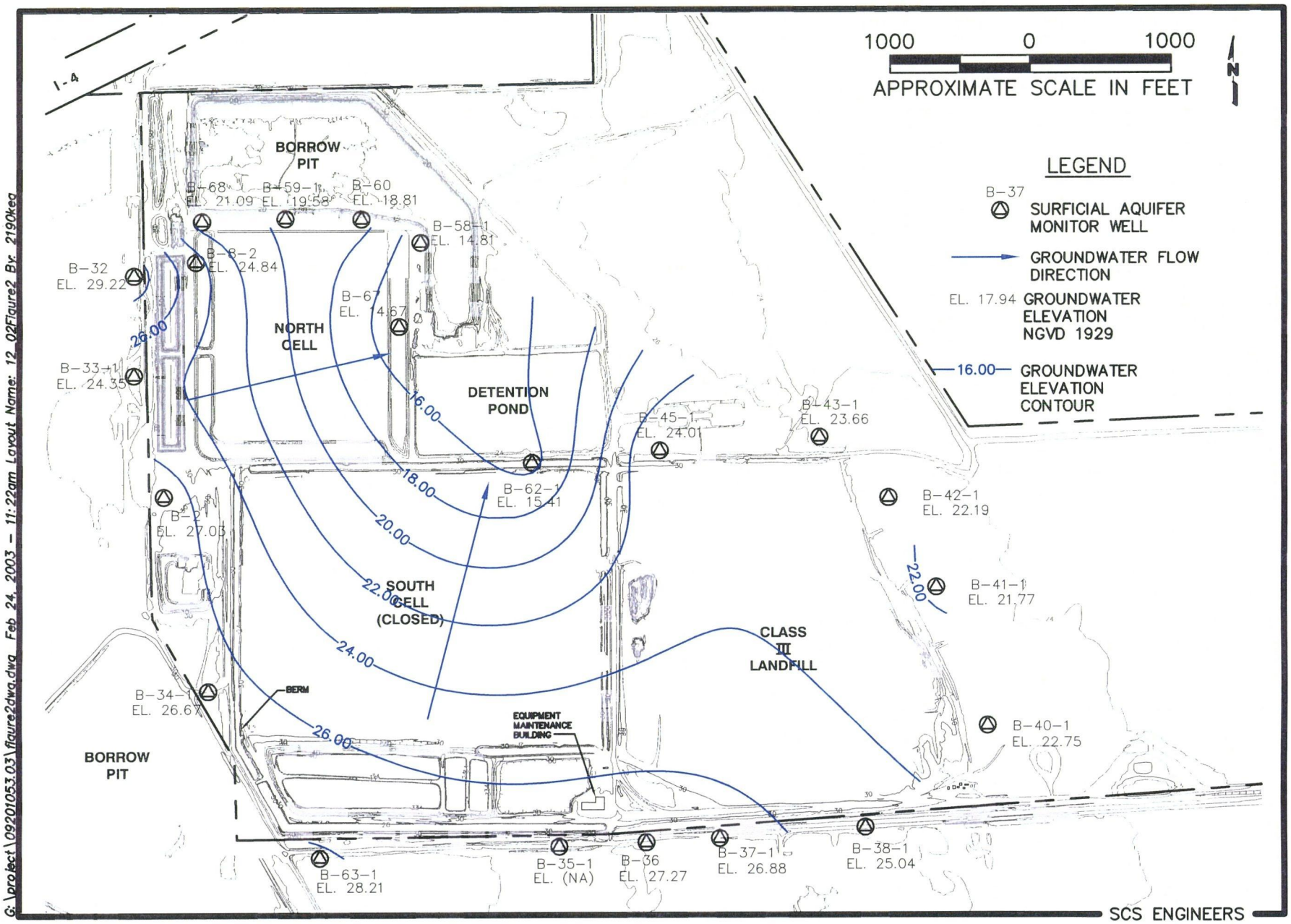


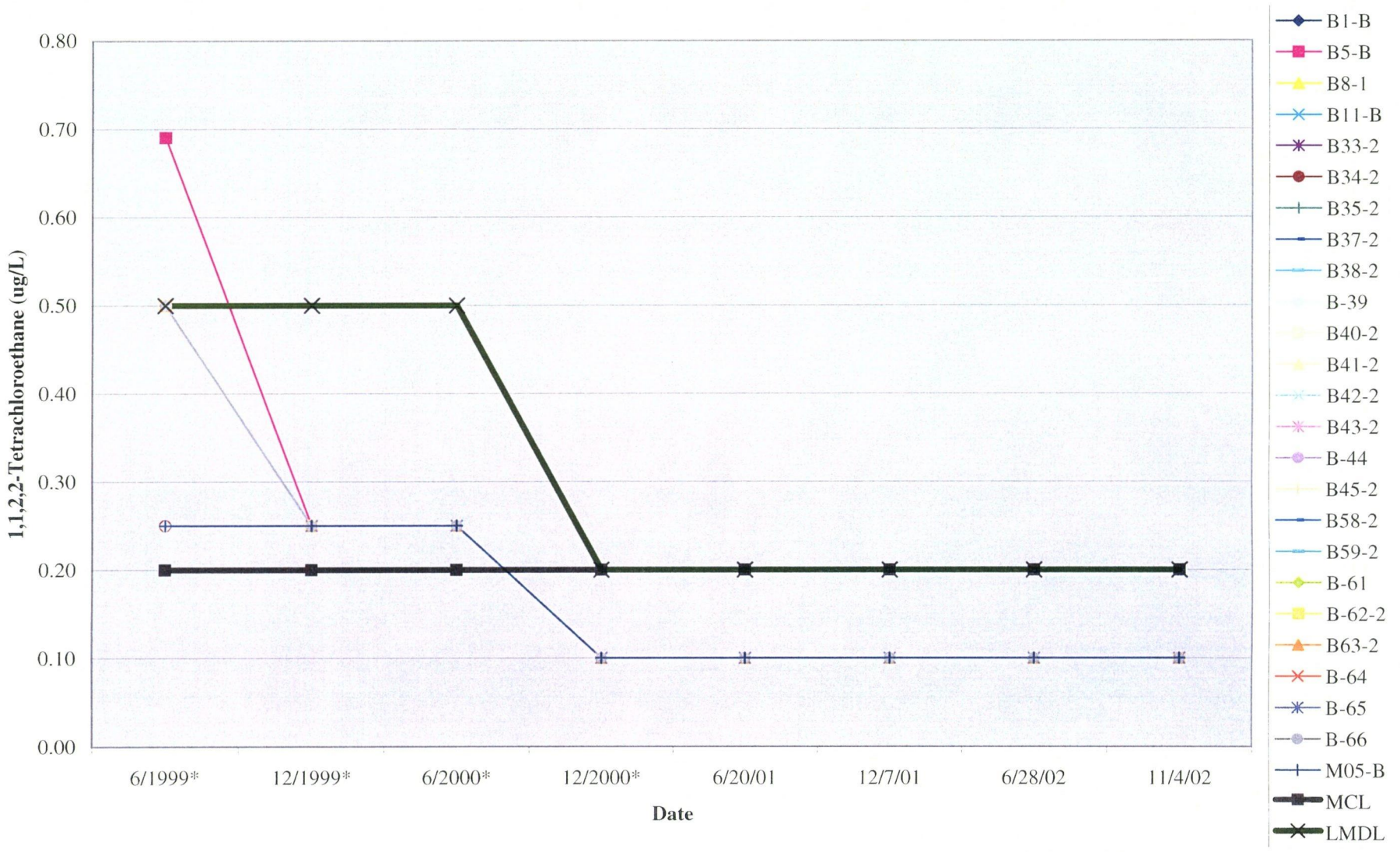
Figure 9B. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, December 2002

ATTACHMENT C

GRAPHICAL TRENDS CHARTS

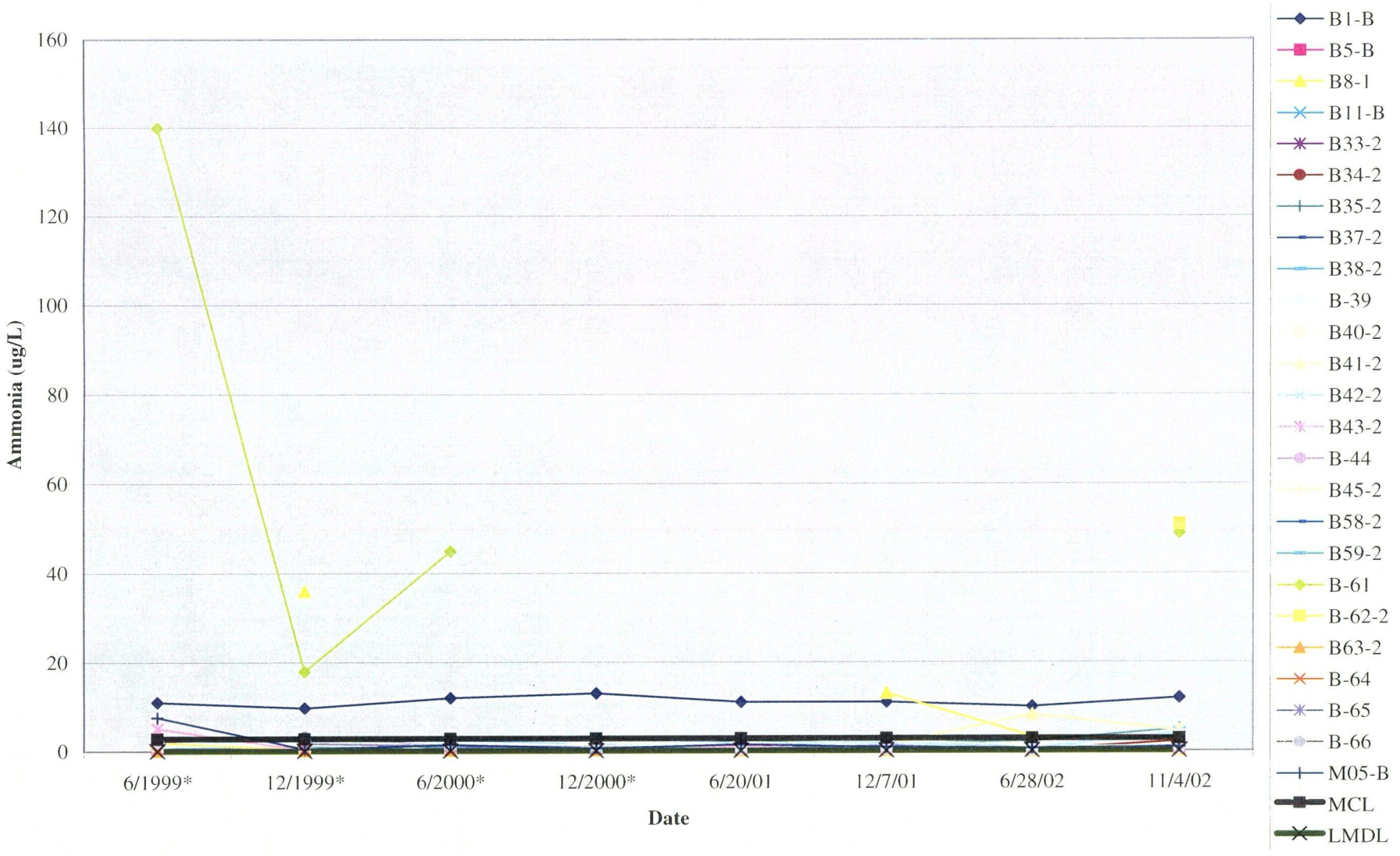
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2,
1,1,2,2-Tetrachloroethane



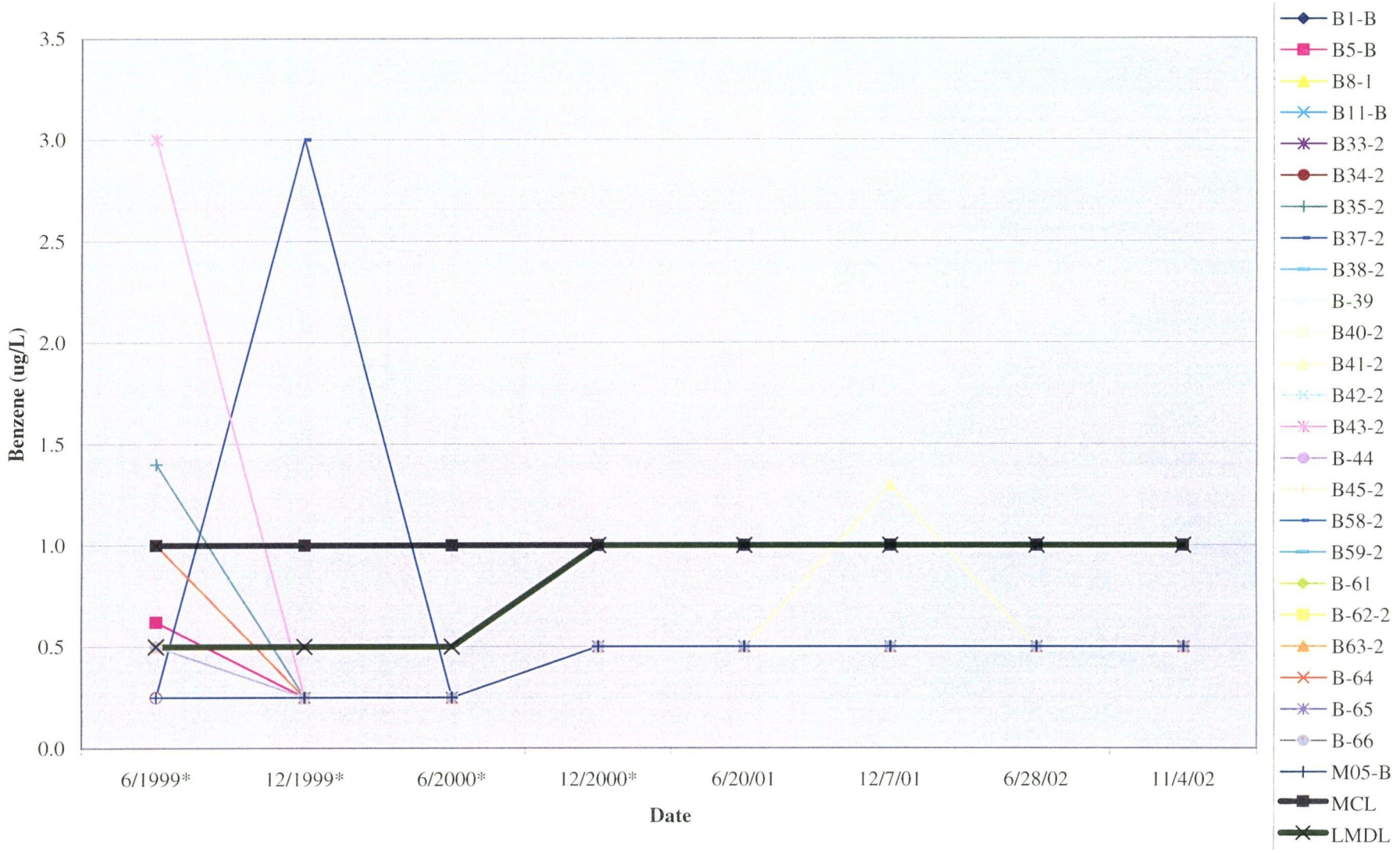
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Ammonia

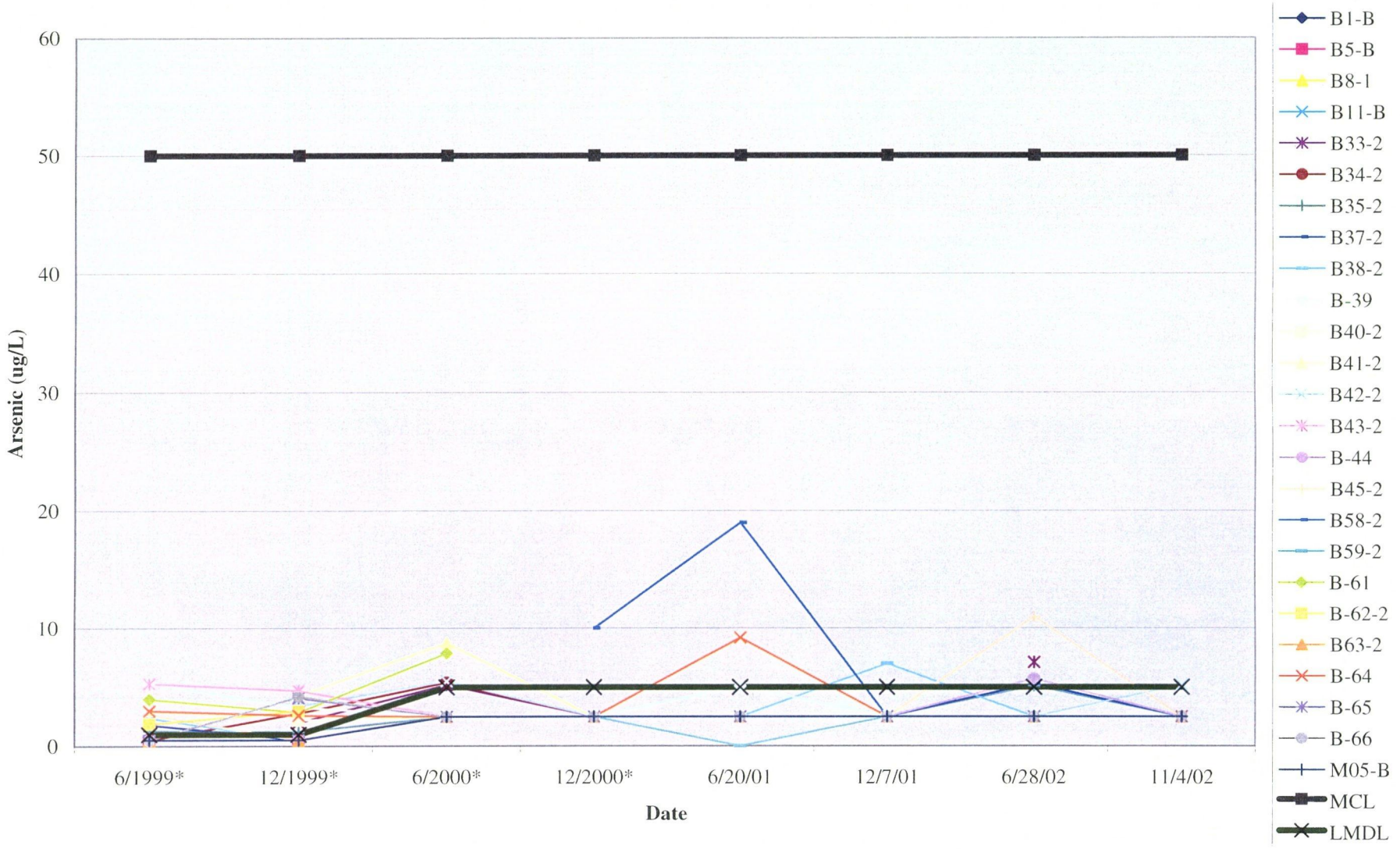


Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Benzene

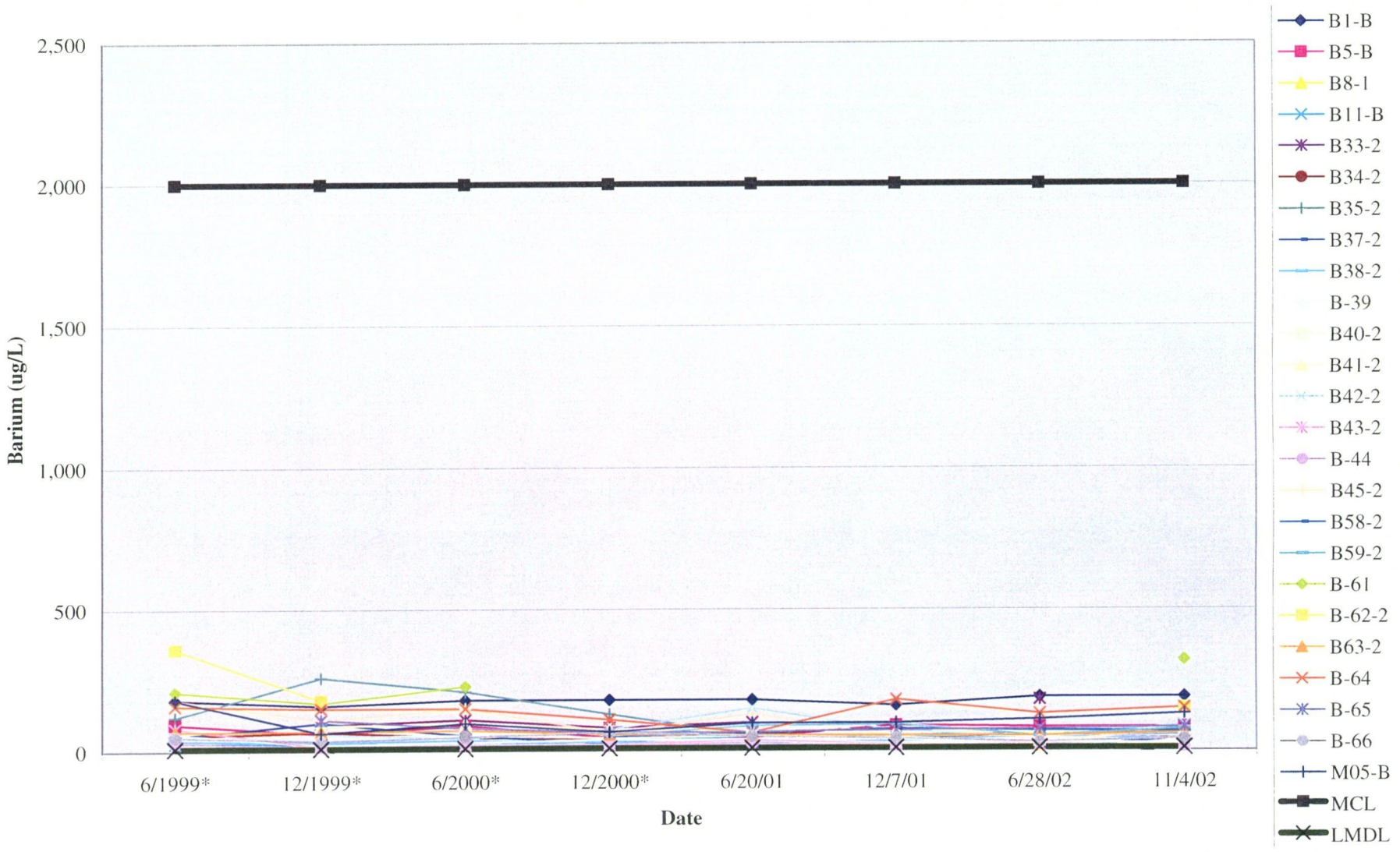


Zone 1-2,
Arsenic



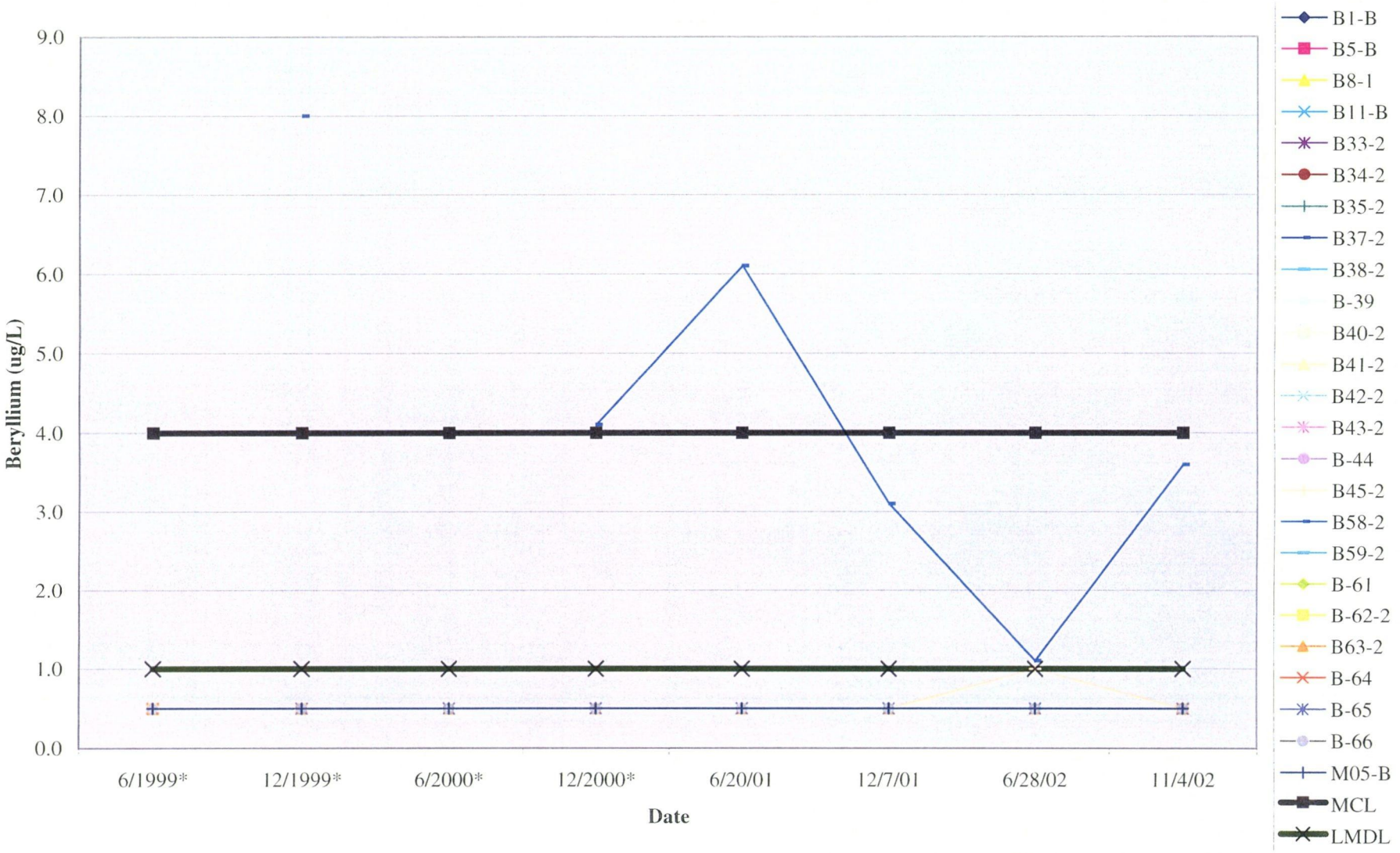
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Barium



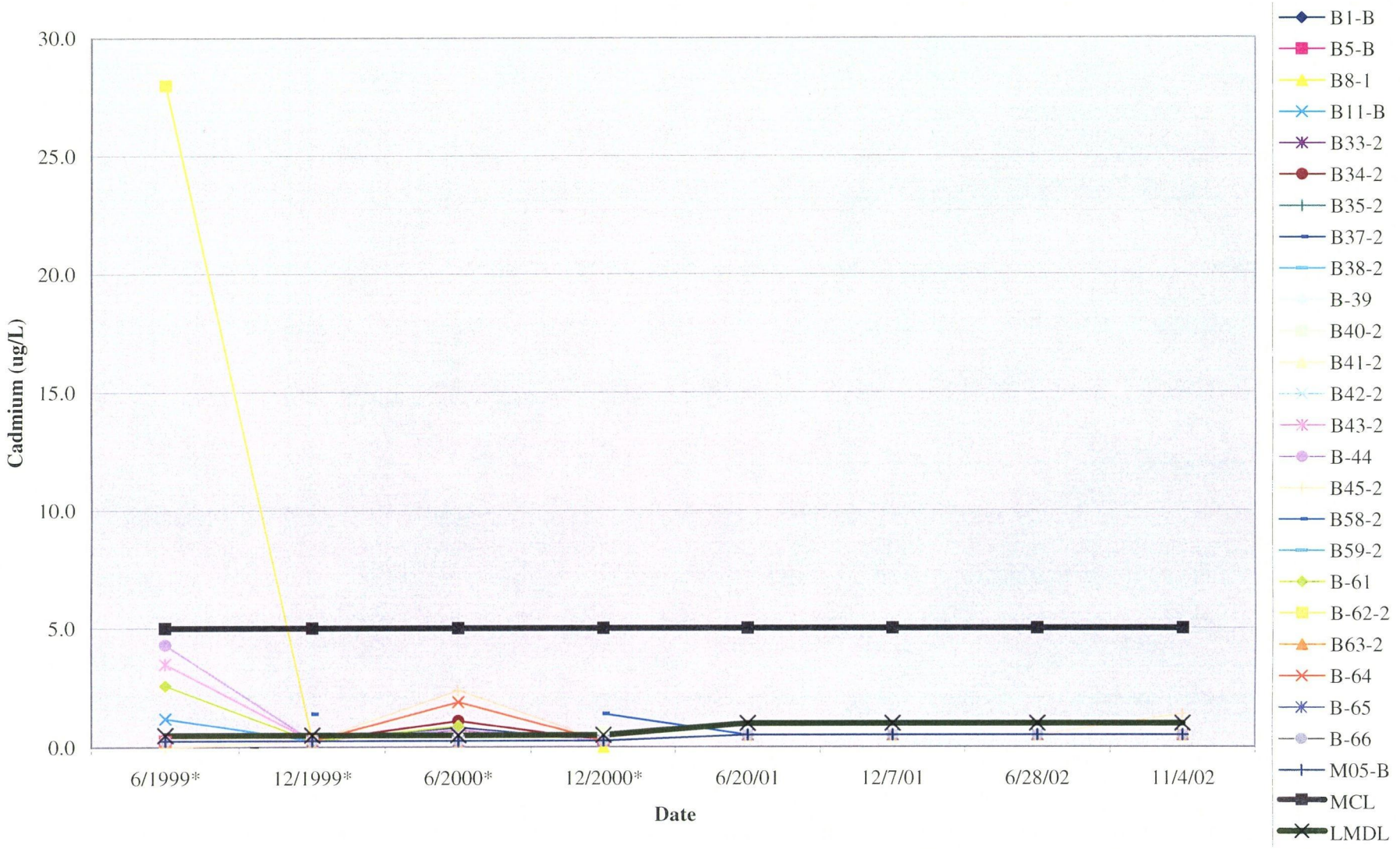
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Beryllium



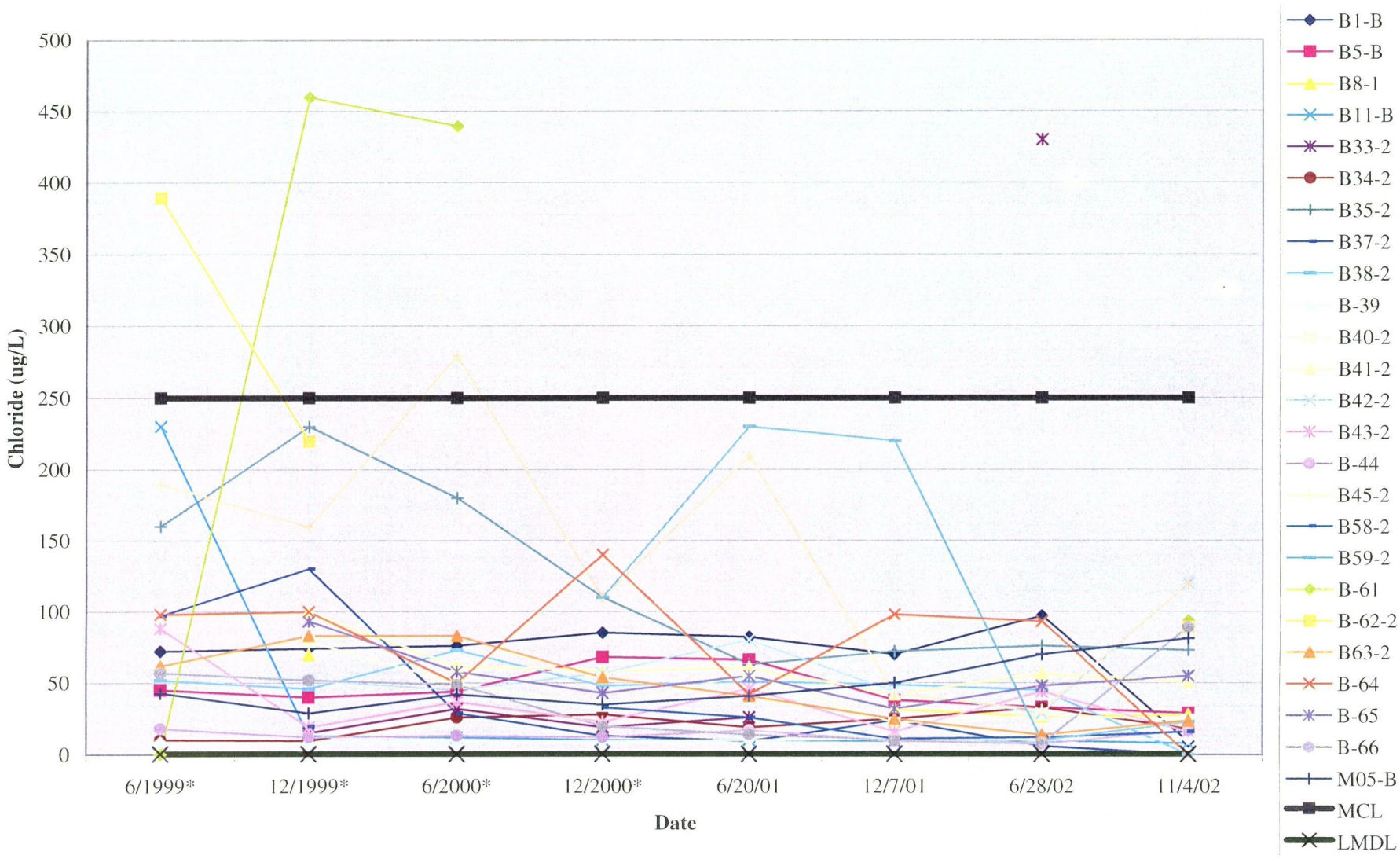
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Cadmium



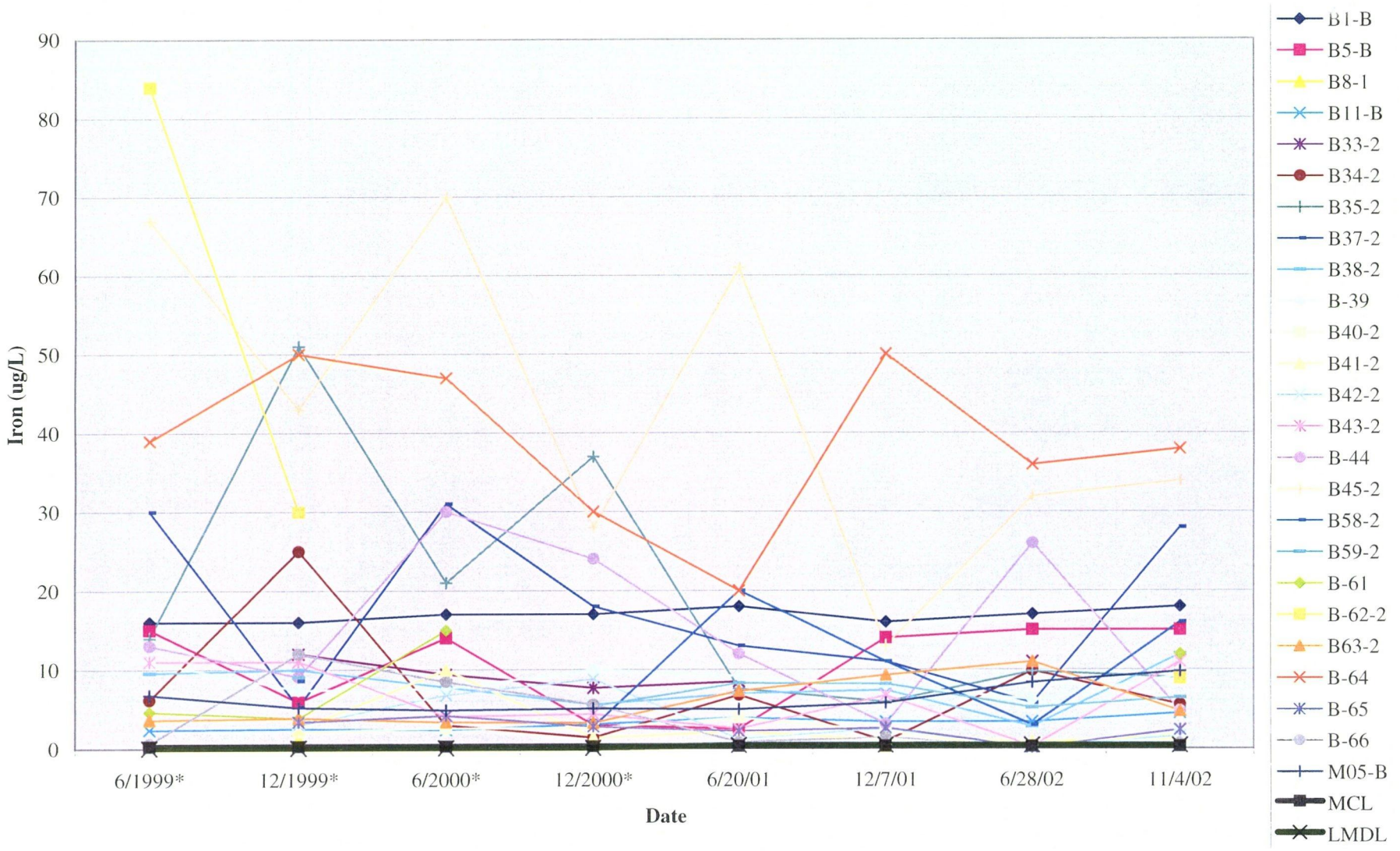
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2,
Chloride



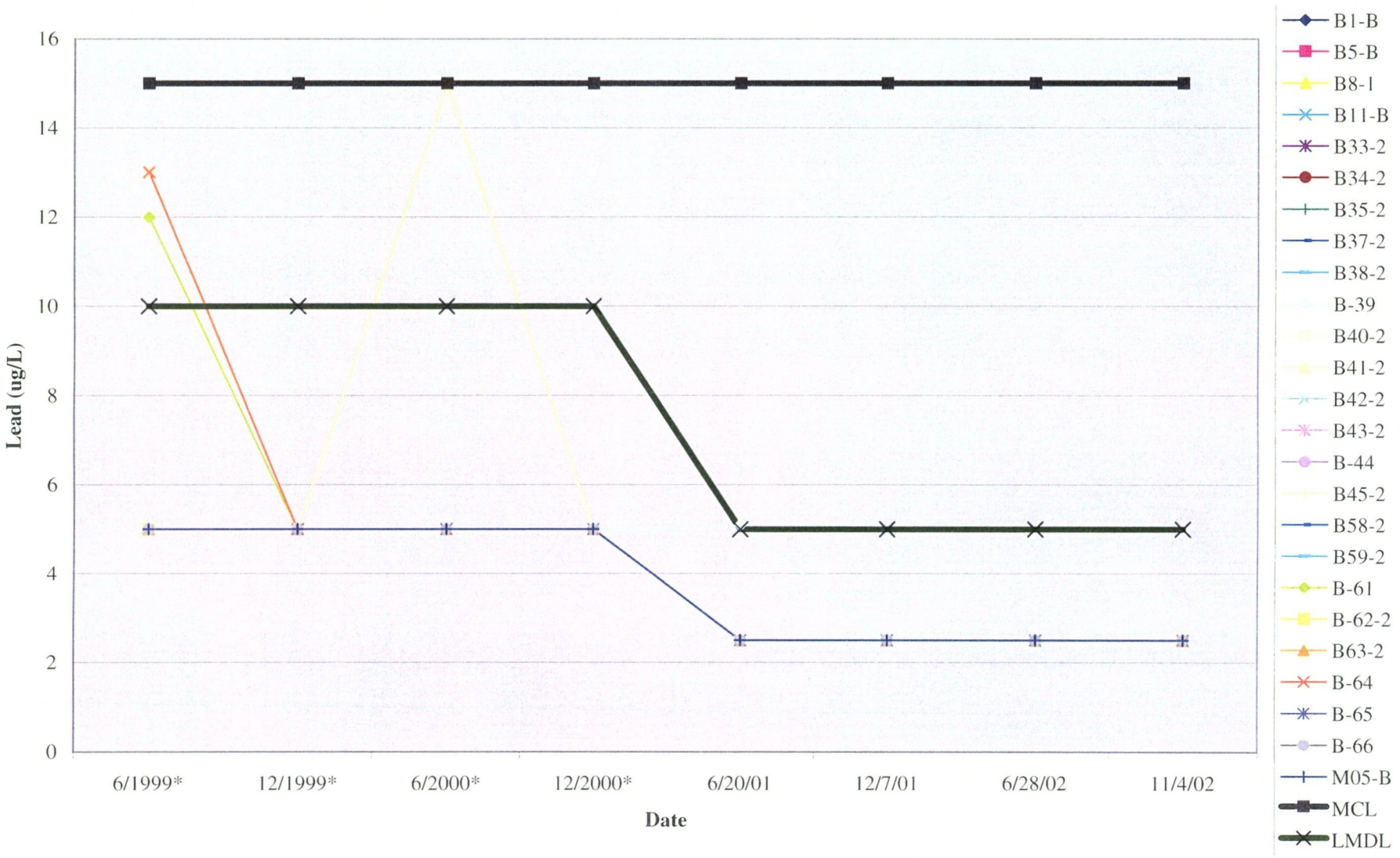
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Iron



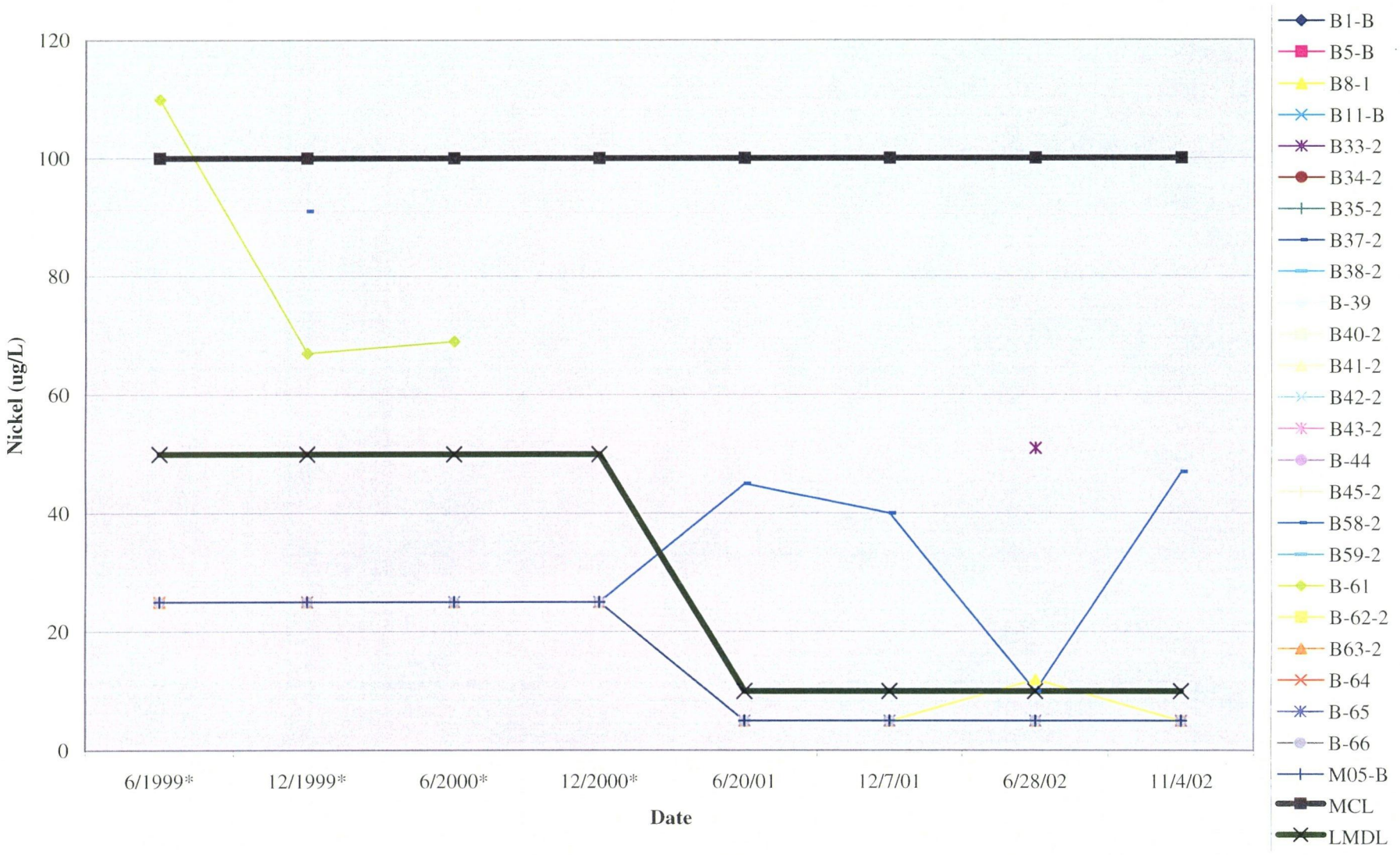
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Lead



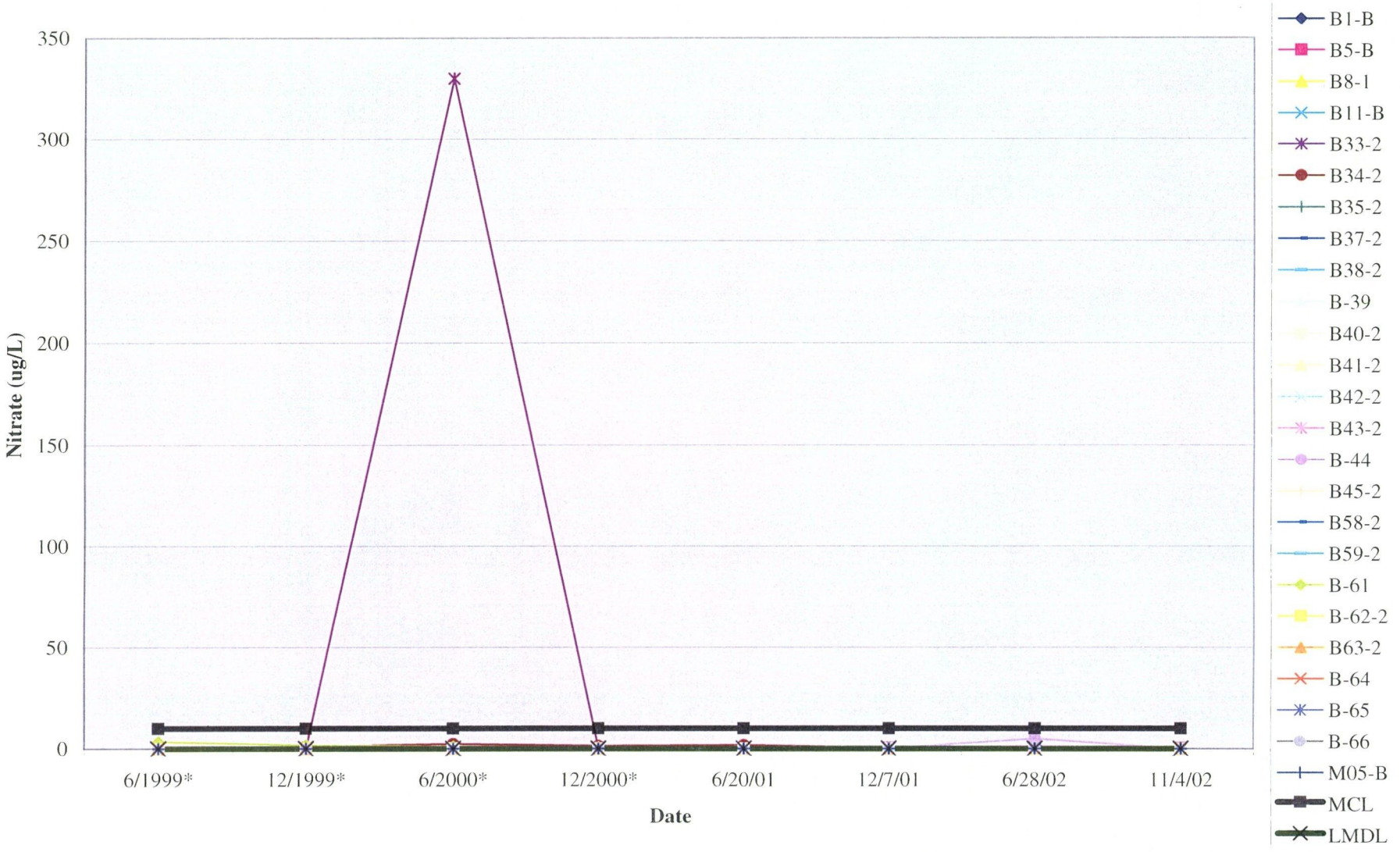
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Nickel



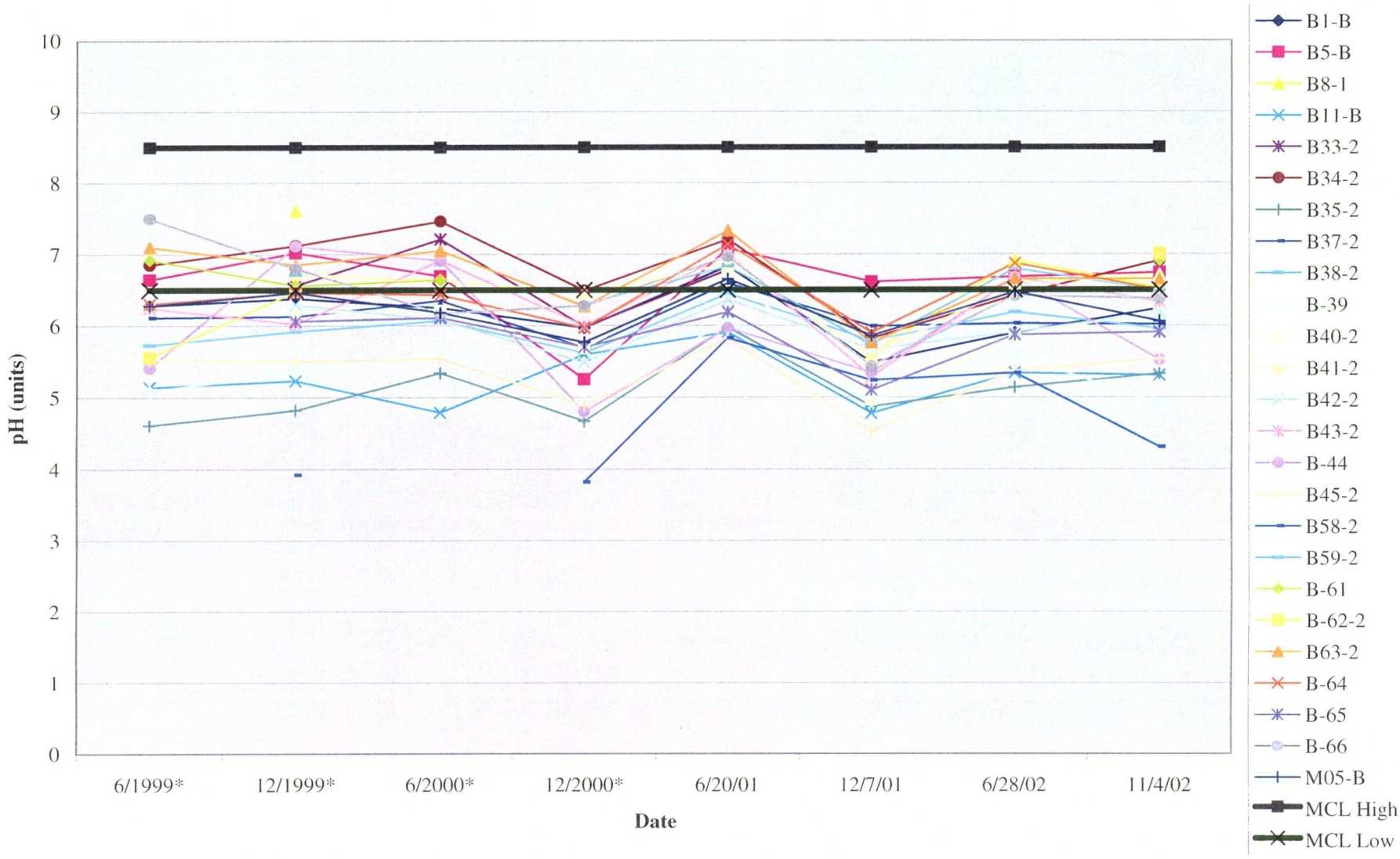
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Nitrate



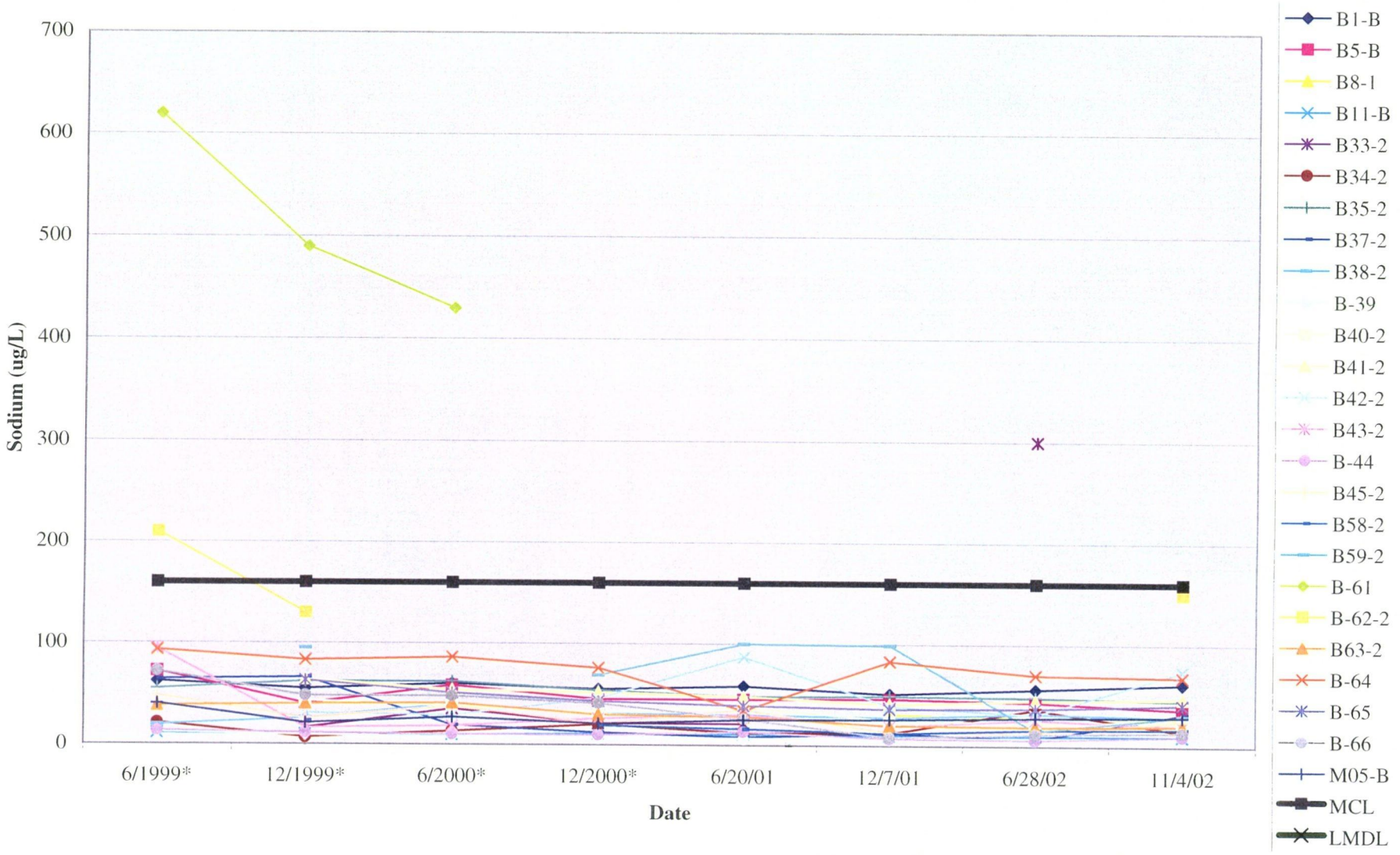
Tomoka Farms Road Landfiill, Volusia County, Florida

Zone 1-2,
pH



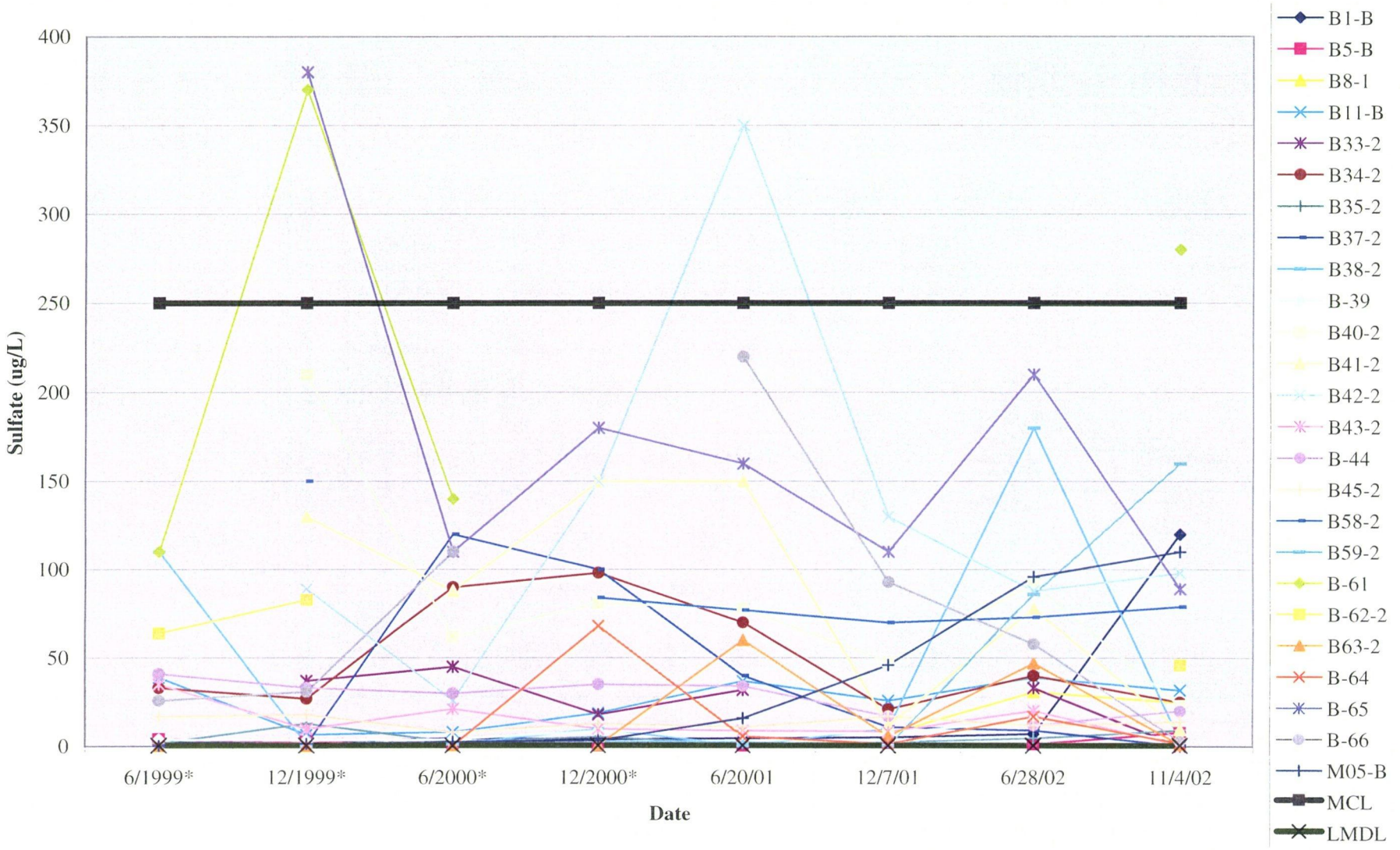
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Sodium



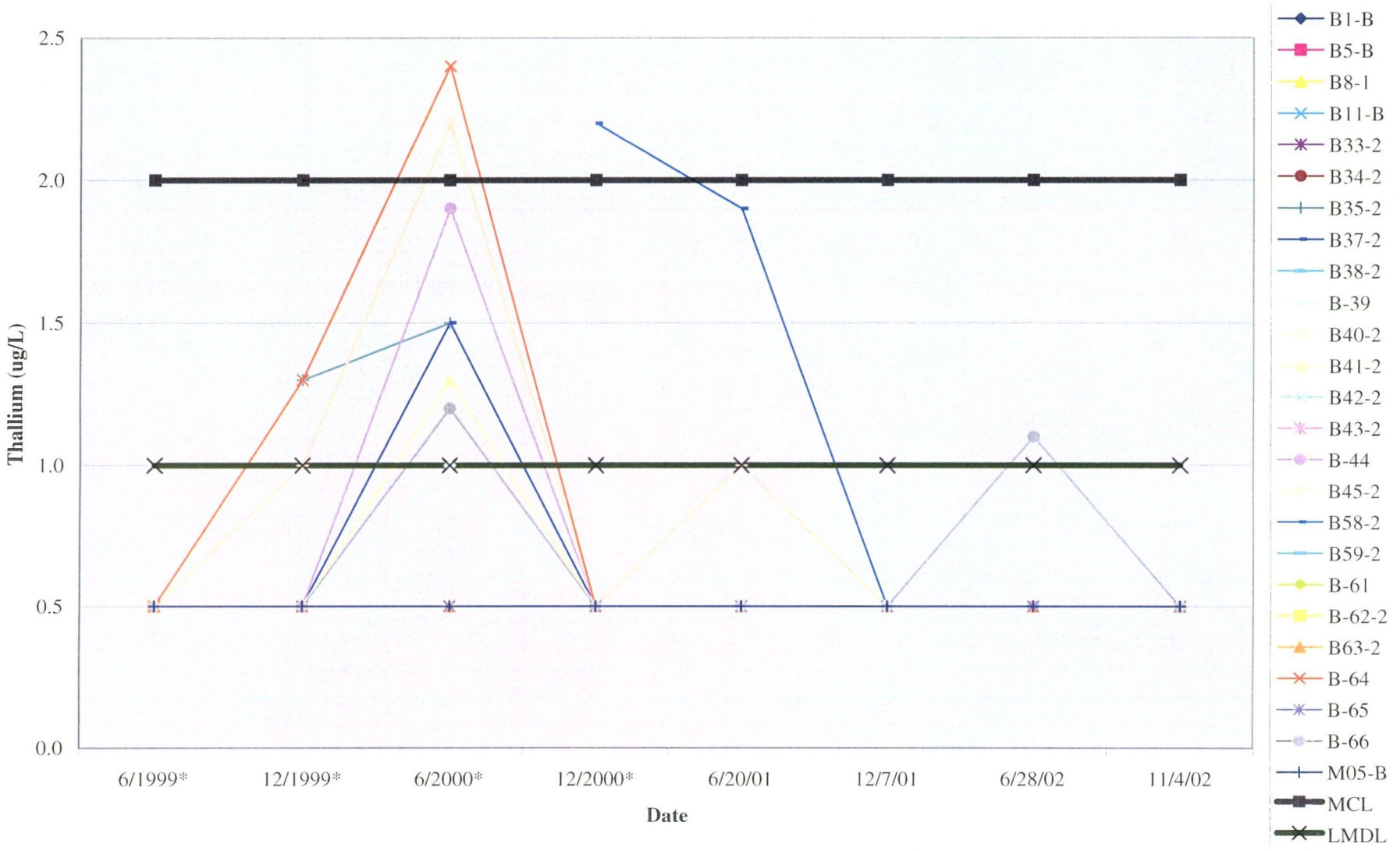
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Sulfate



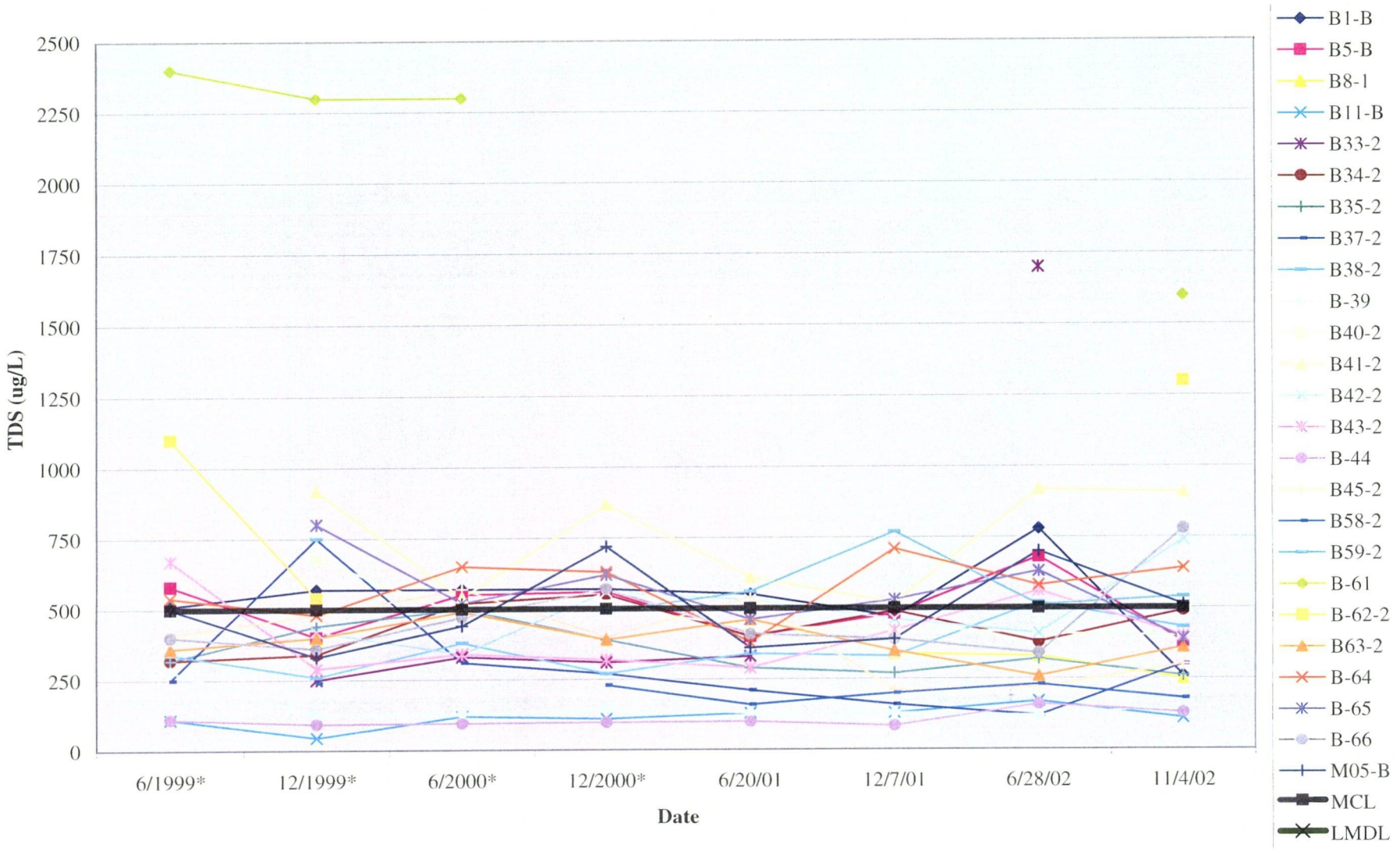
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Thallium



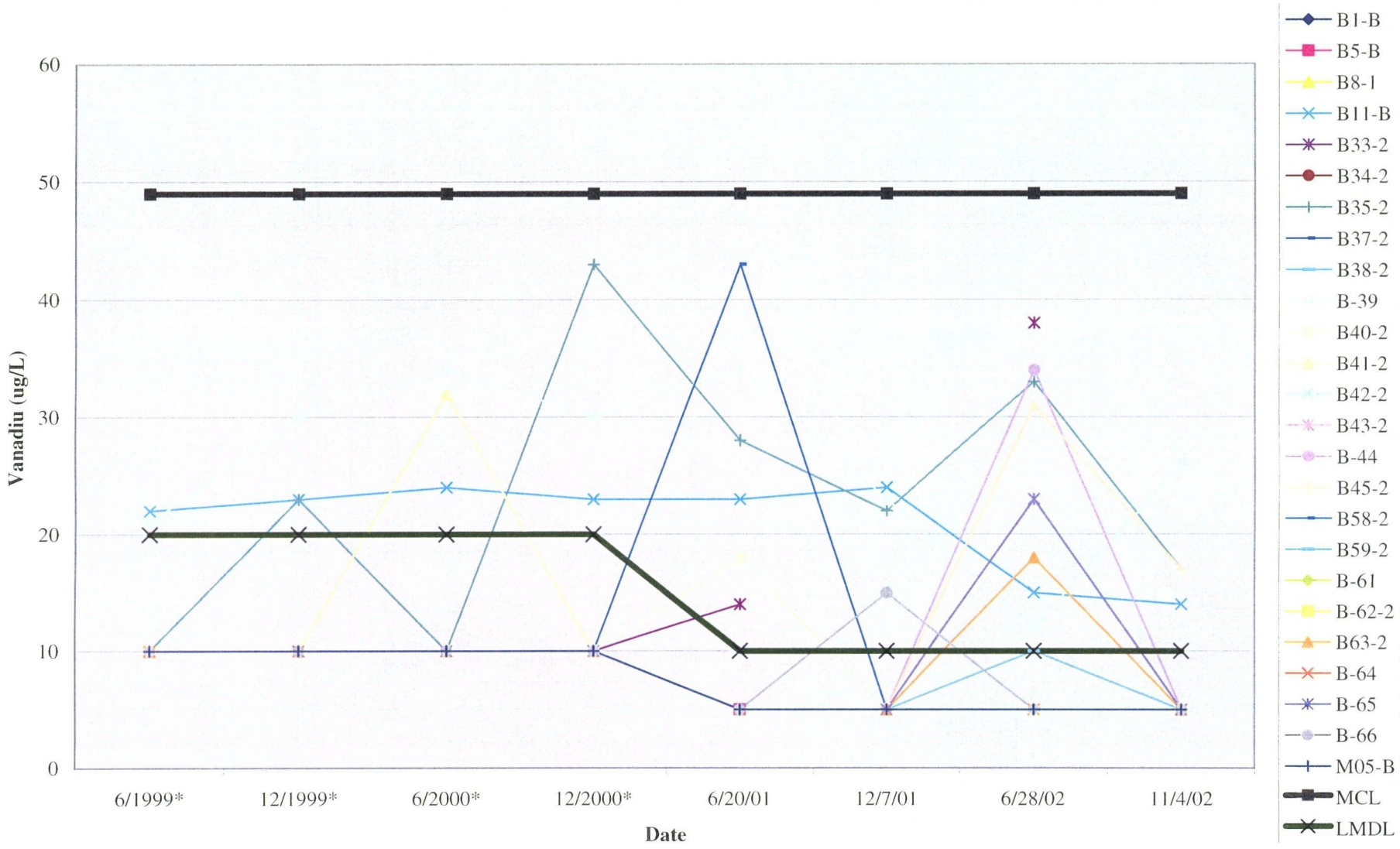
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, TDS



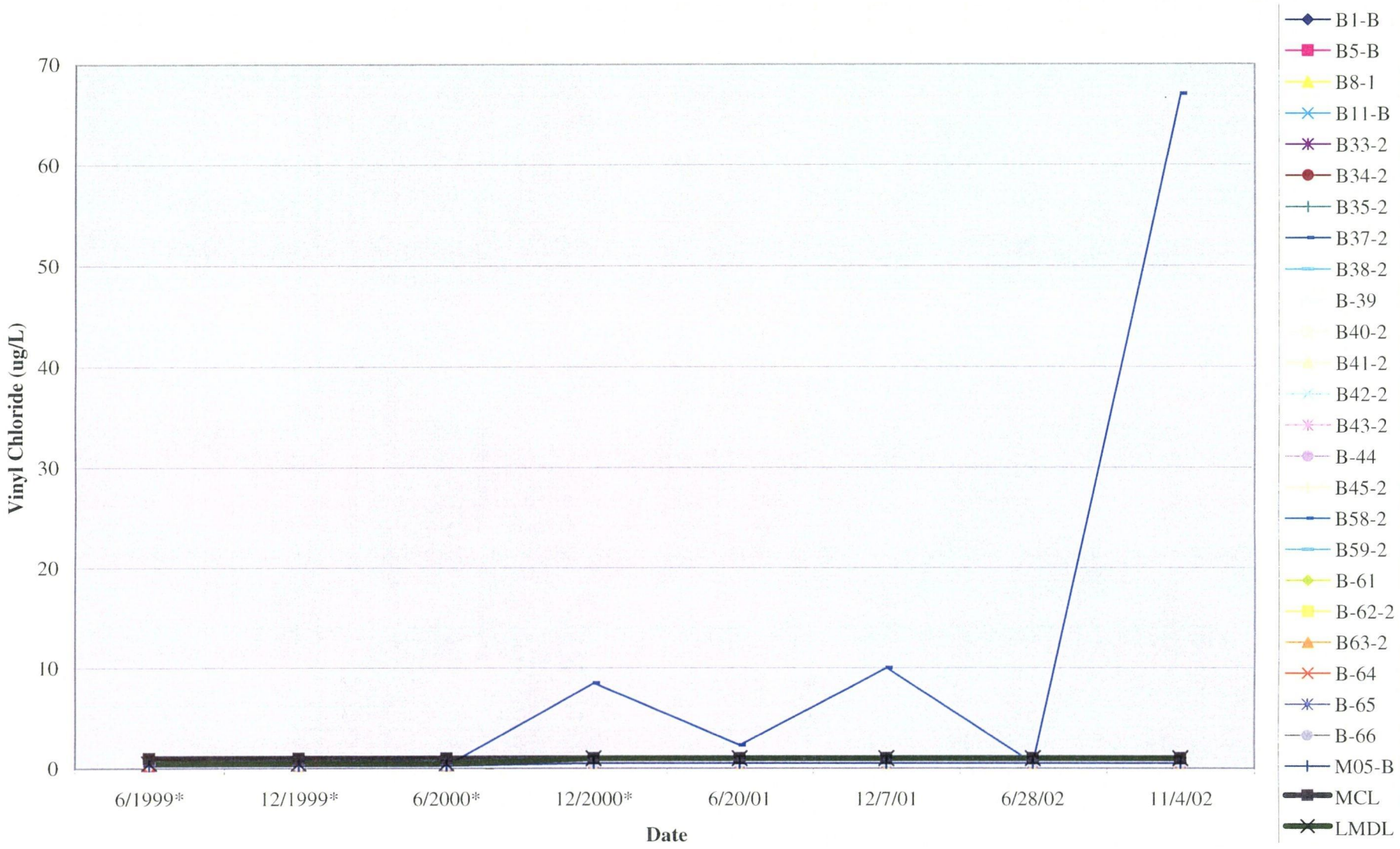
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2, Vanadium



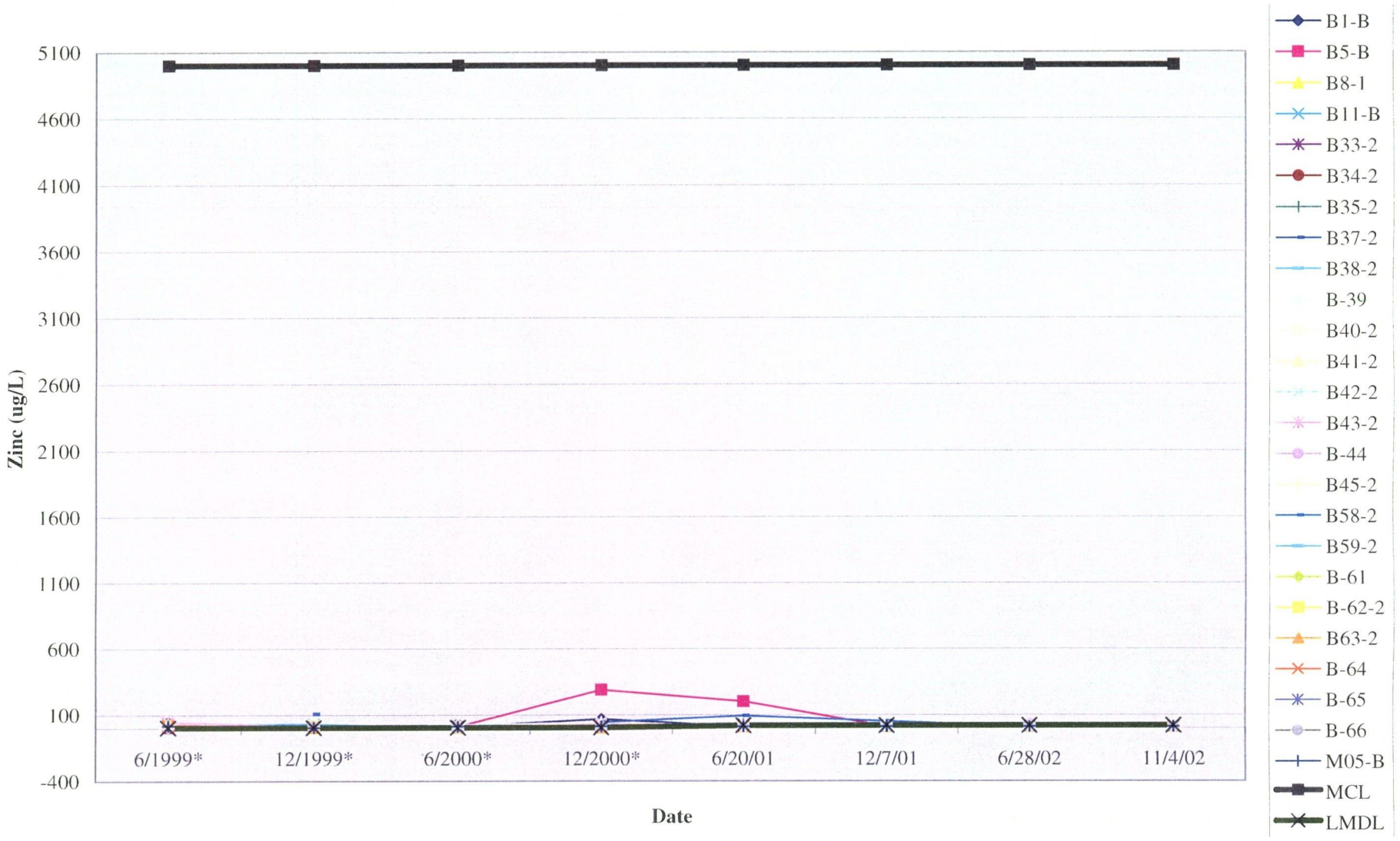
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2,
Vinyl Chloride



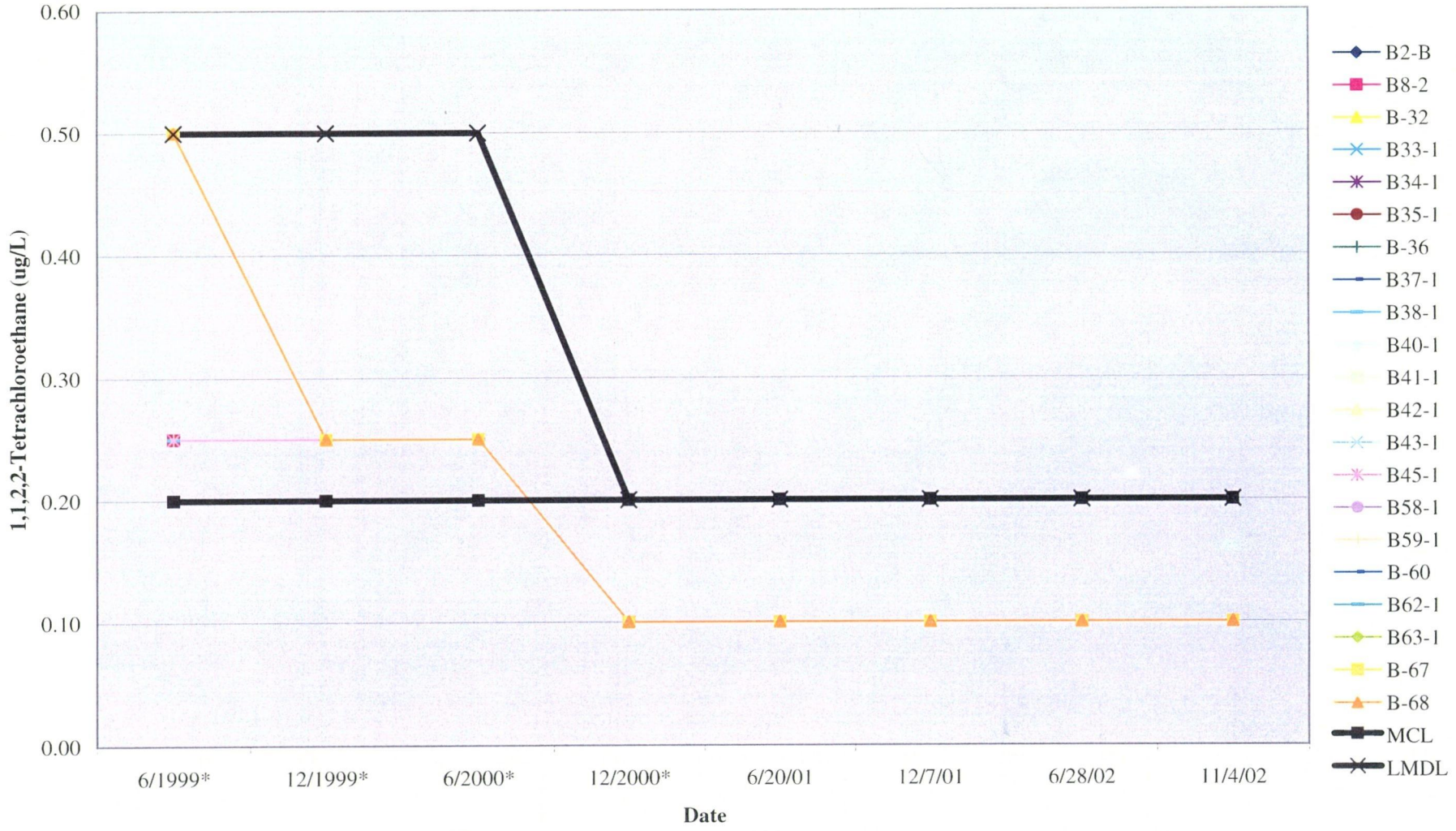
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2,
Zinc



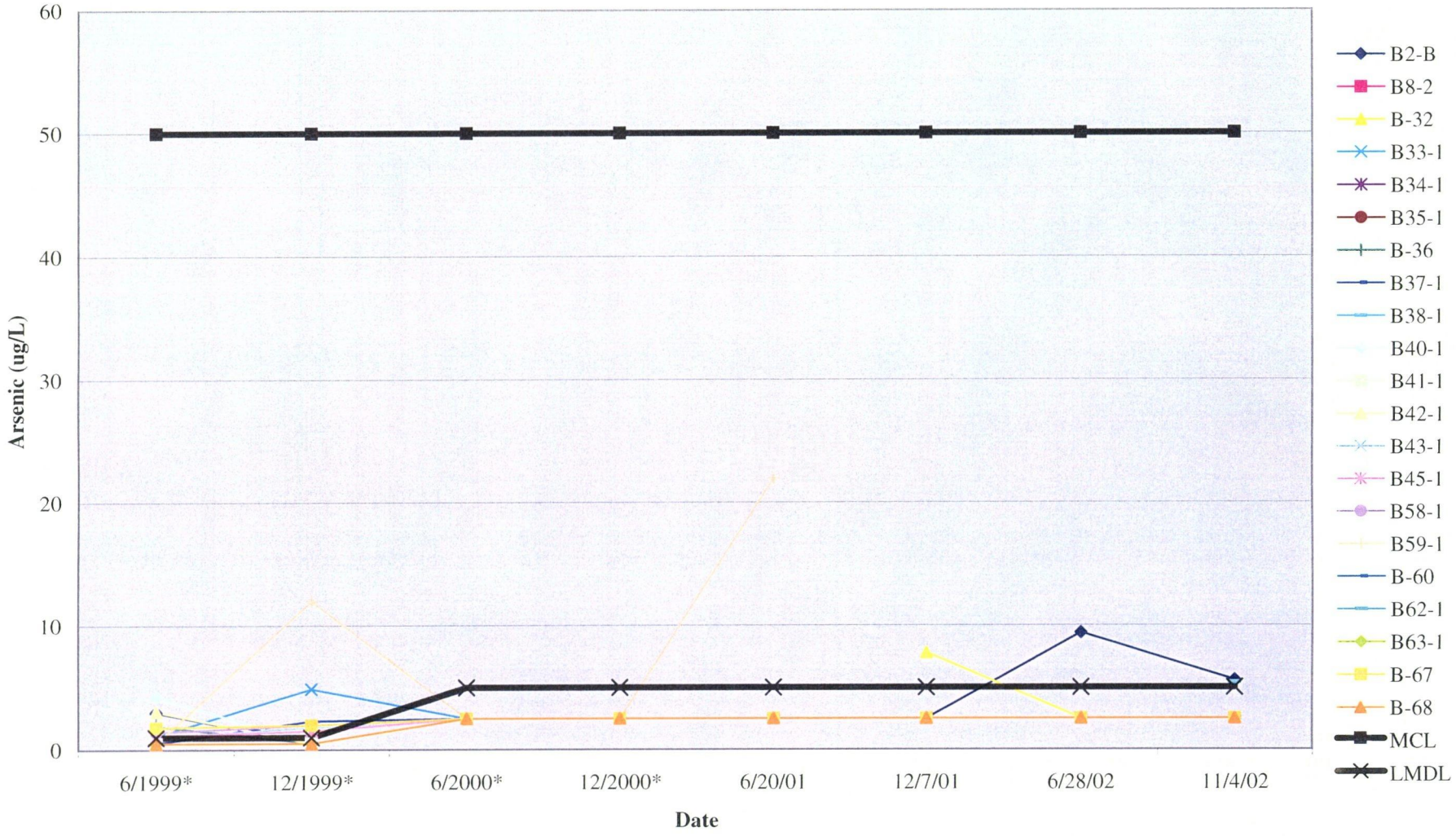
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
1,1,2,2-Tetrachloroethane



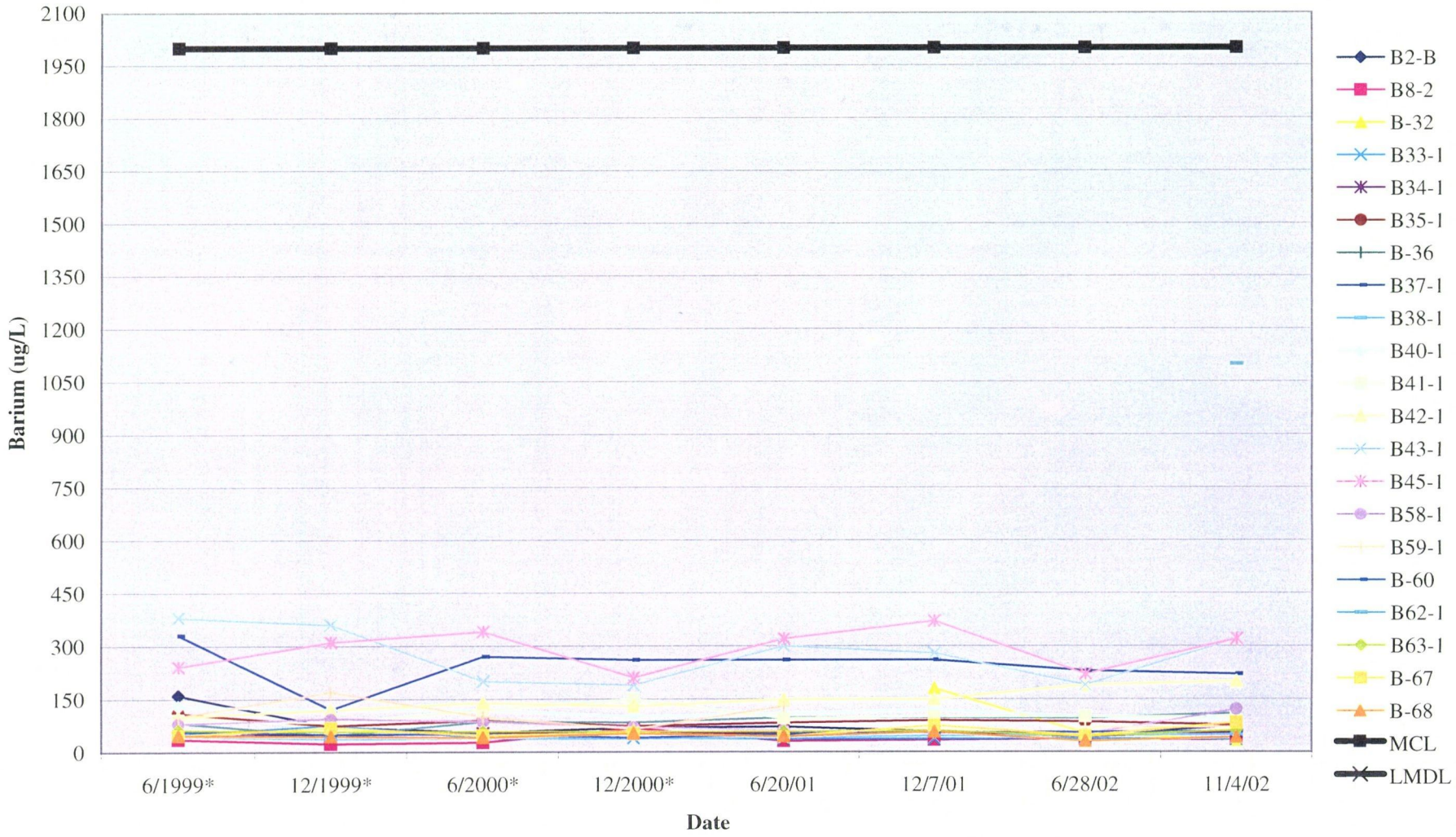
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Arsenic



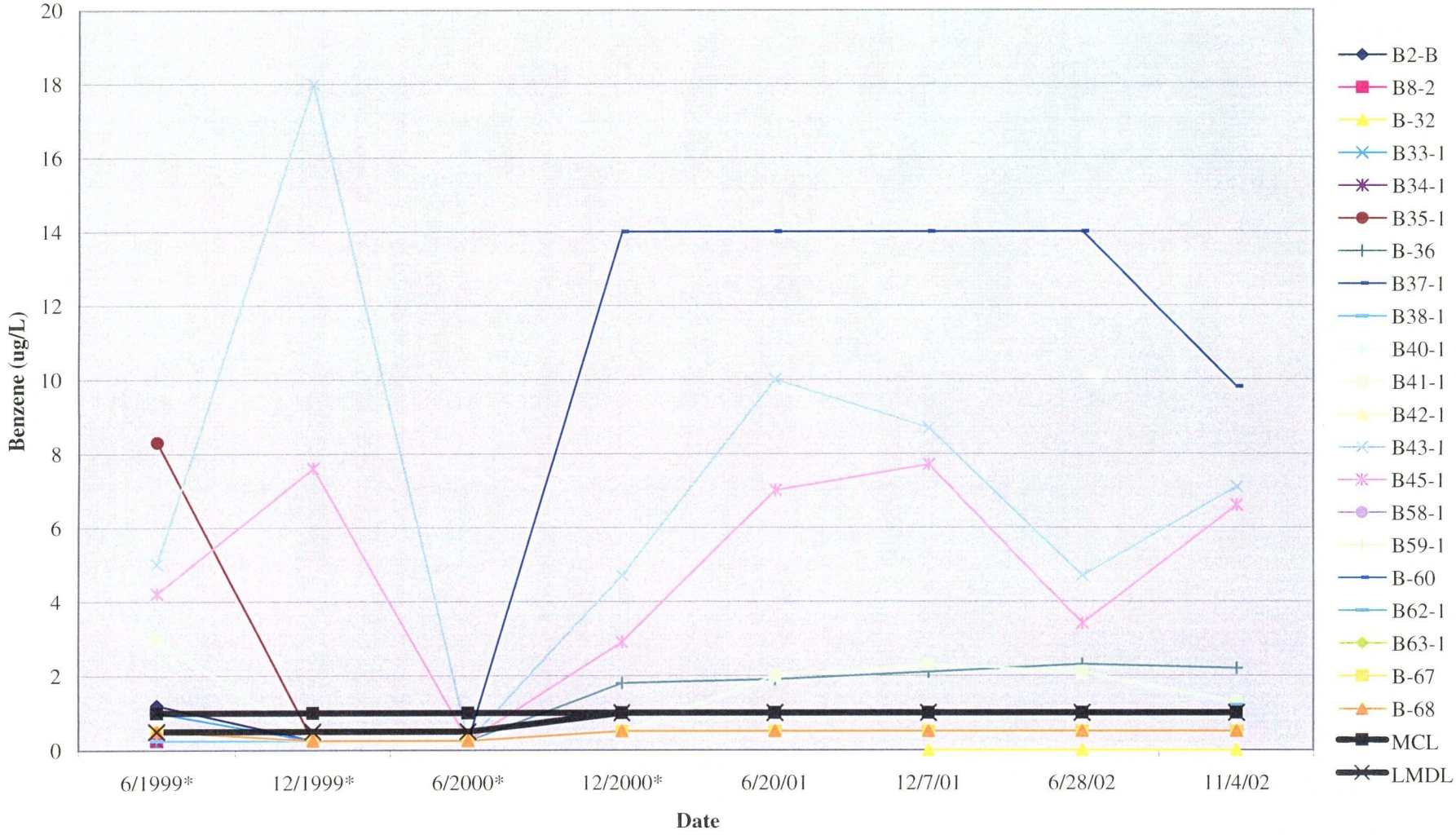
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Barium



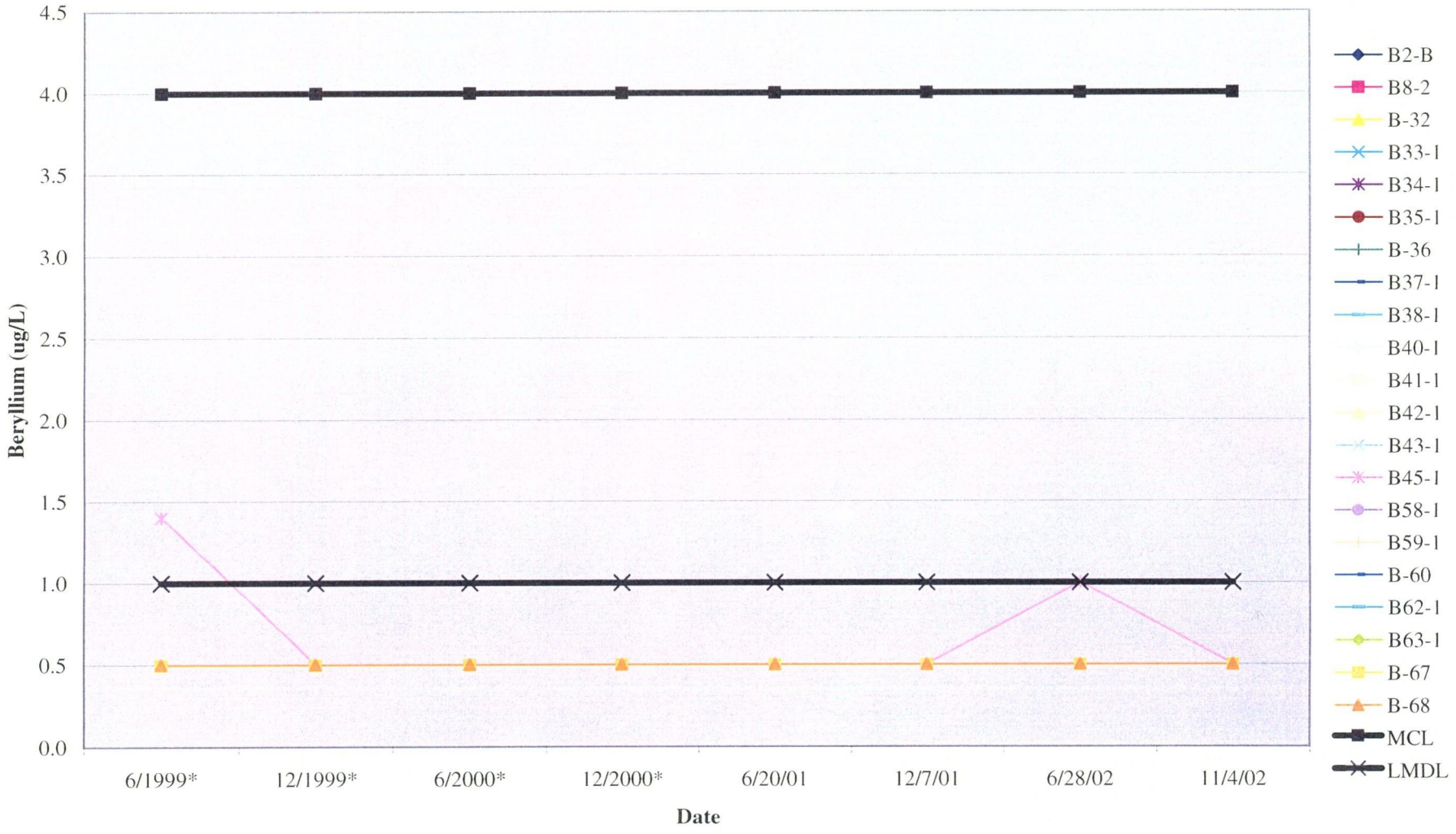
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Benzene



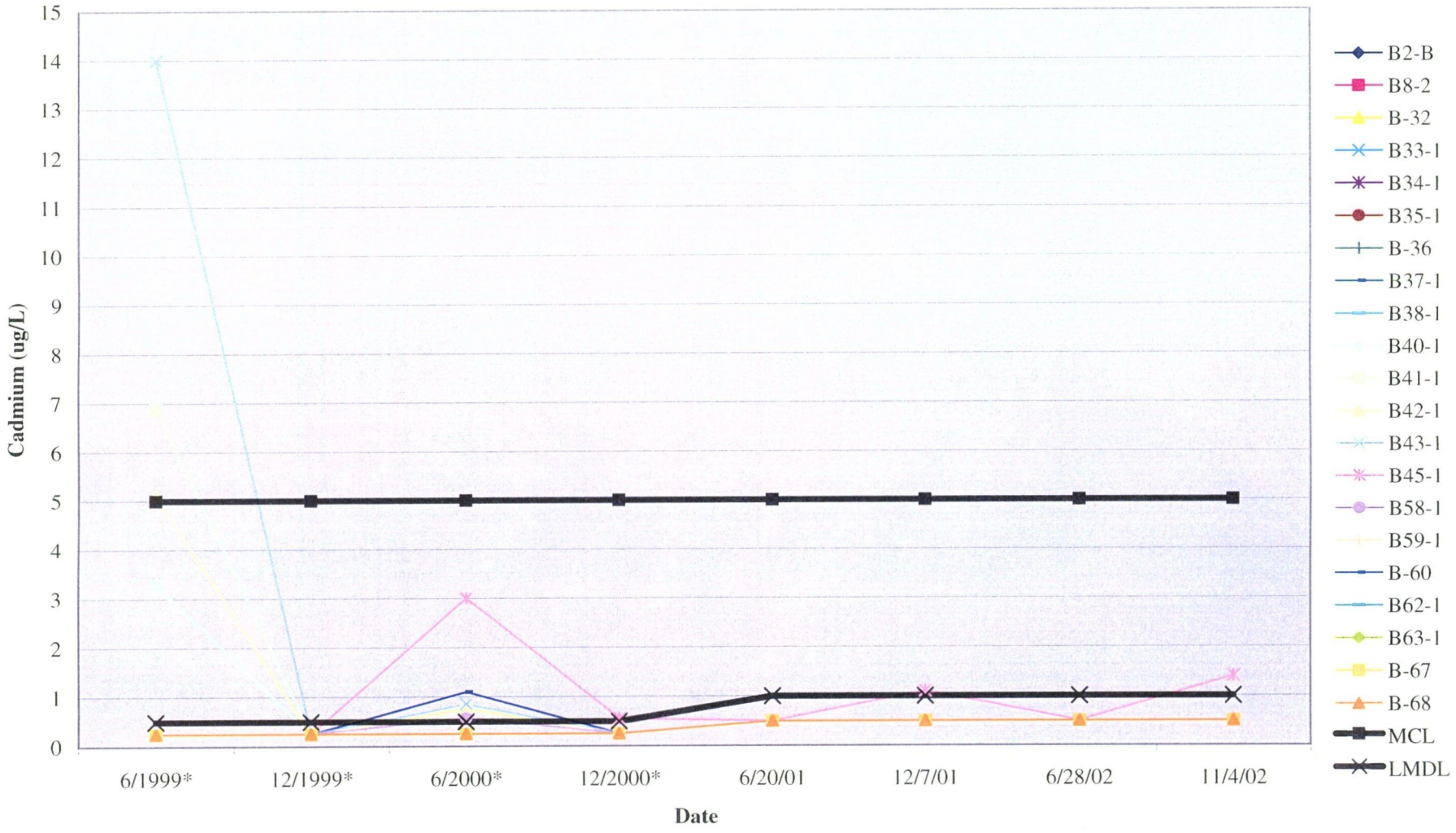
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Beryllium



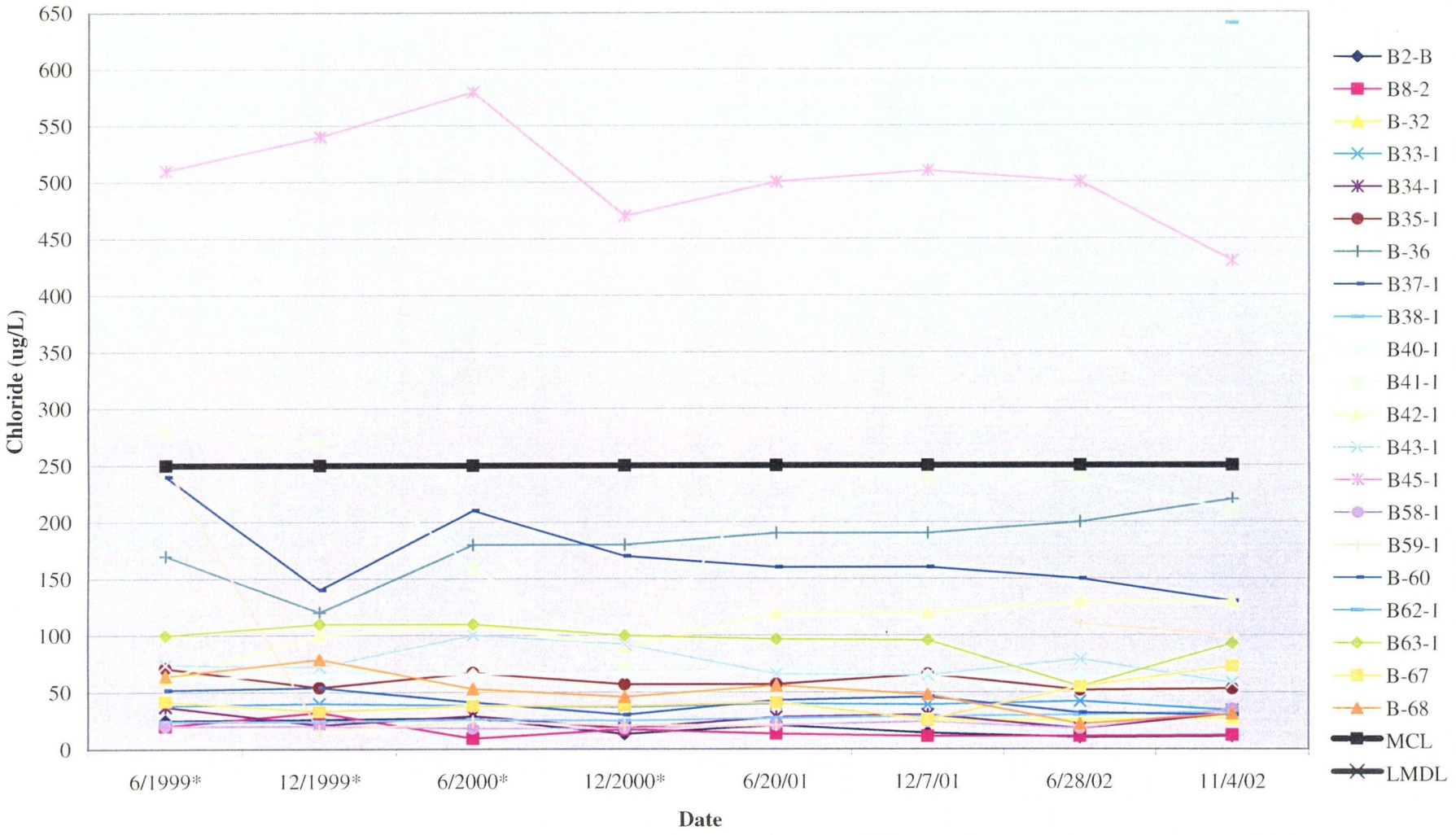
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Cadmium



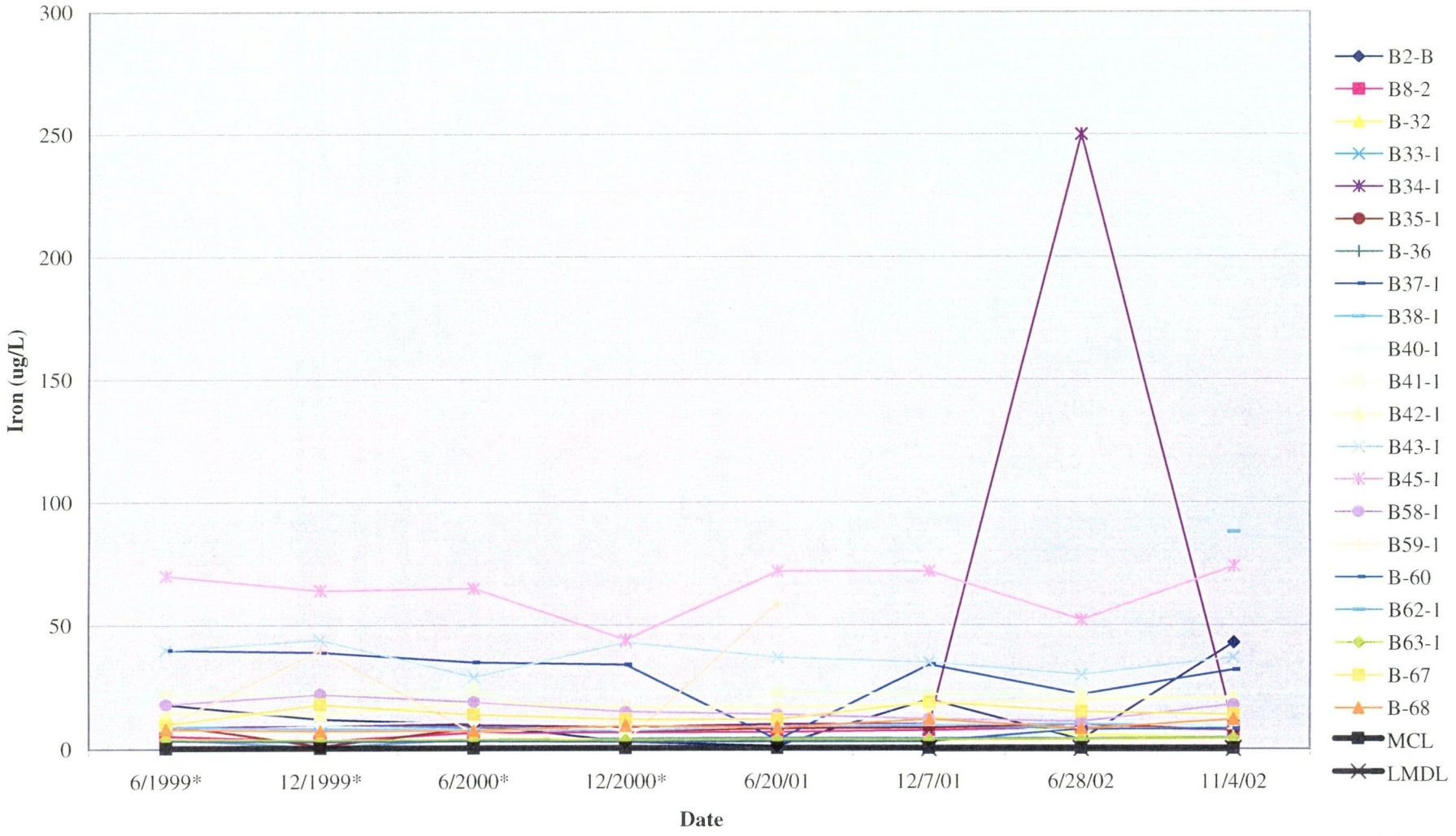
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Chloride



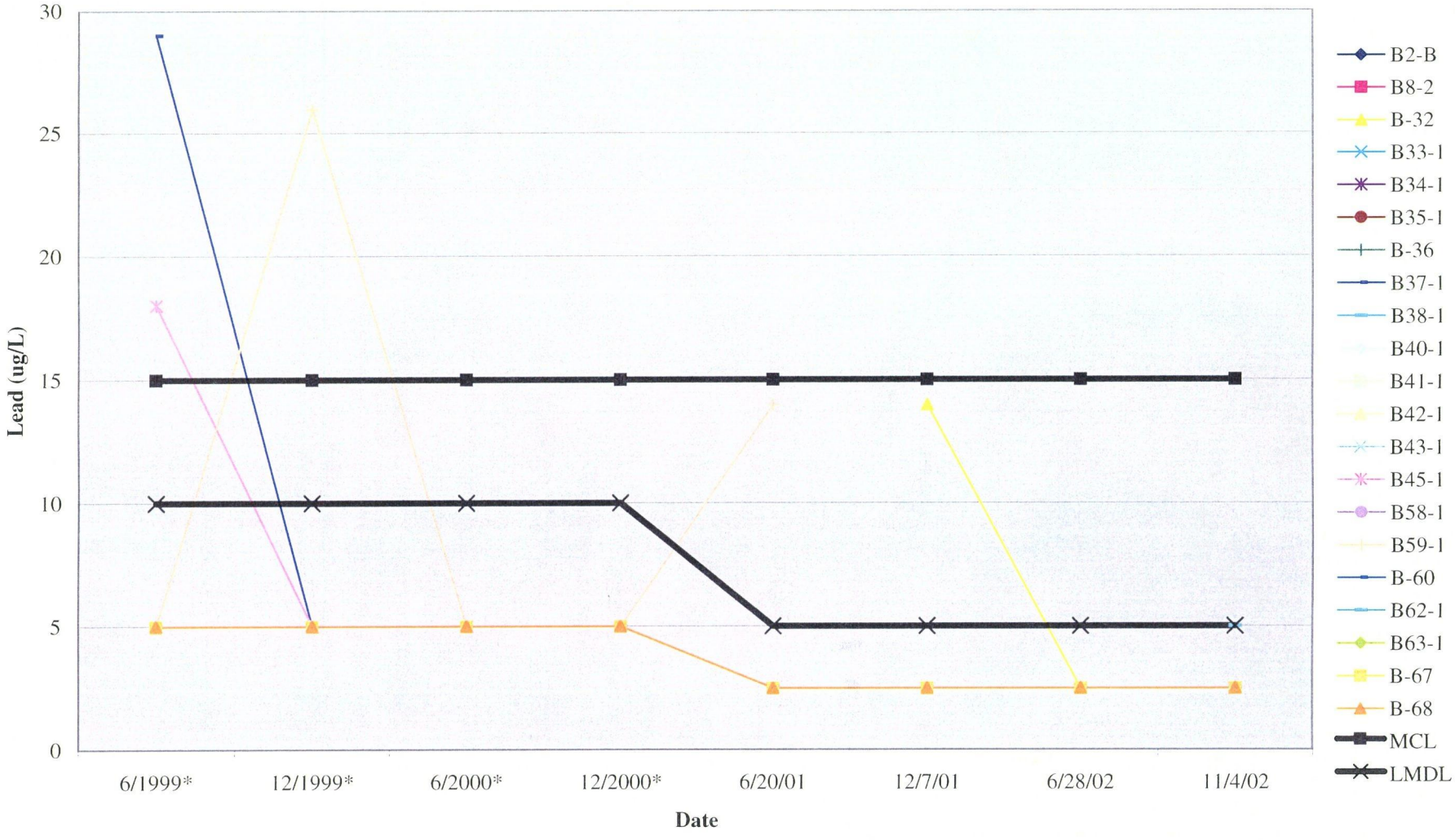
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Iron



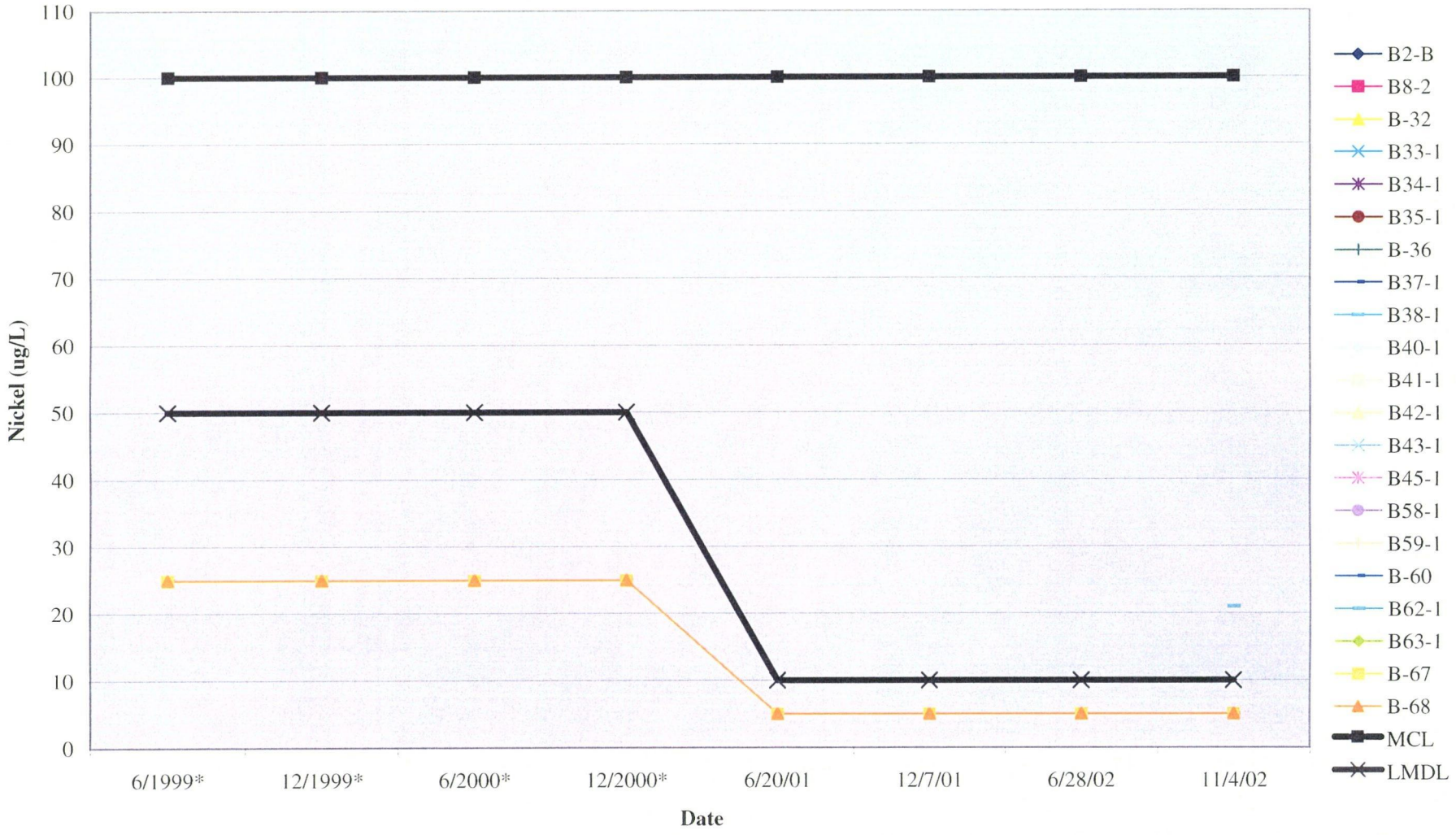
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Lead



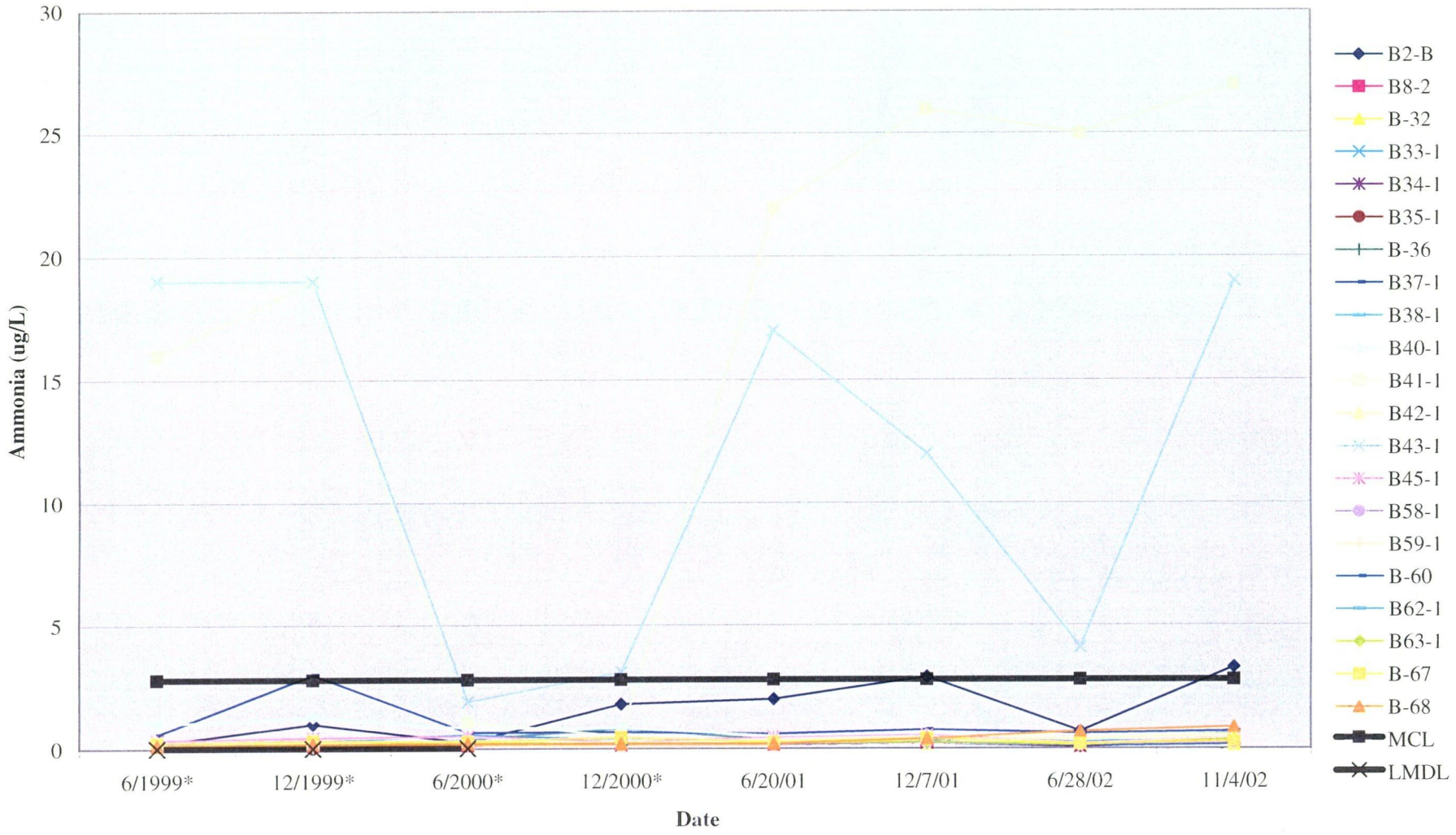
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Nickel



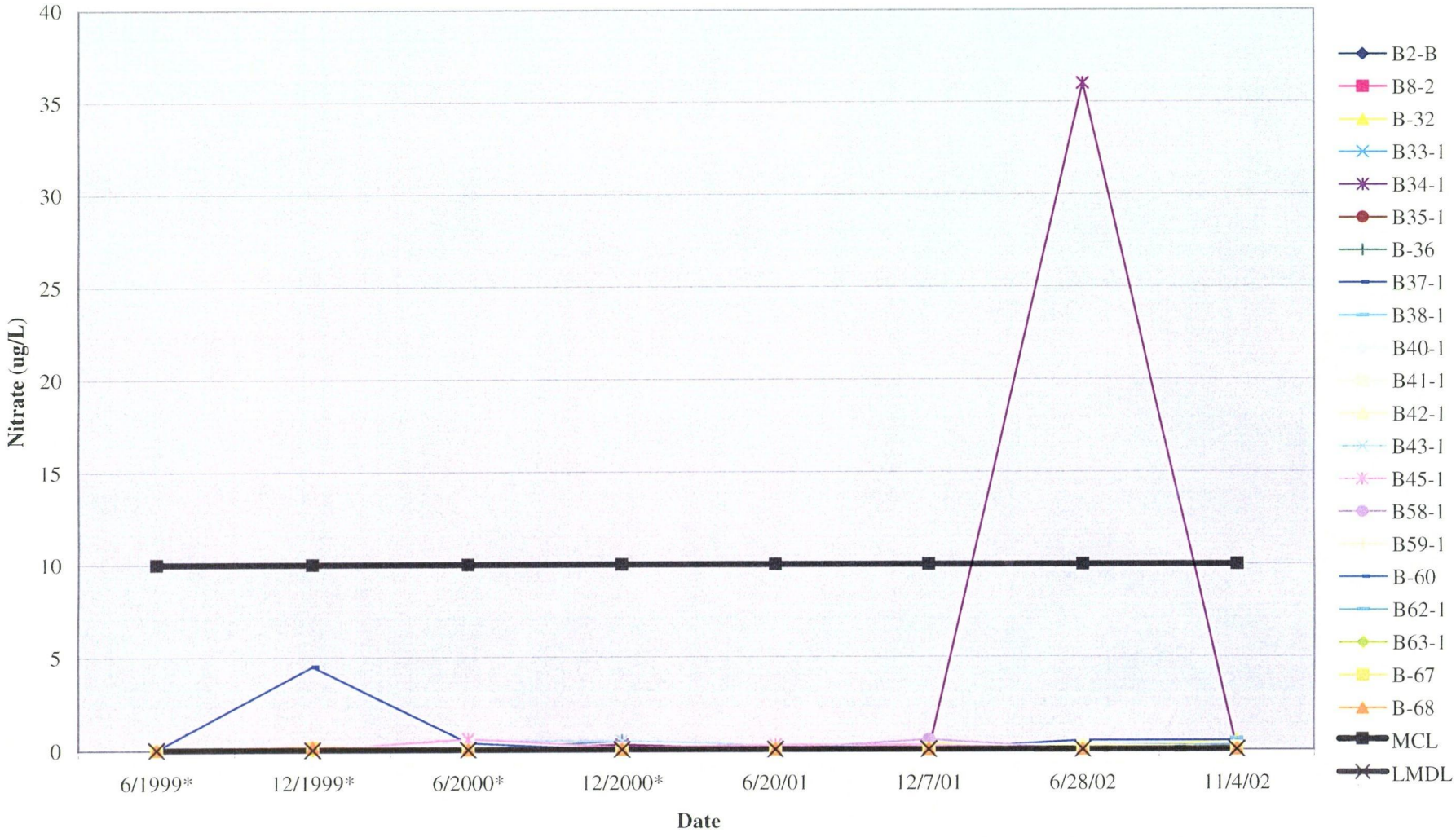
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Ammonia



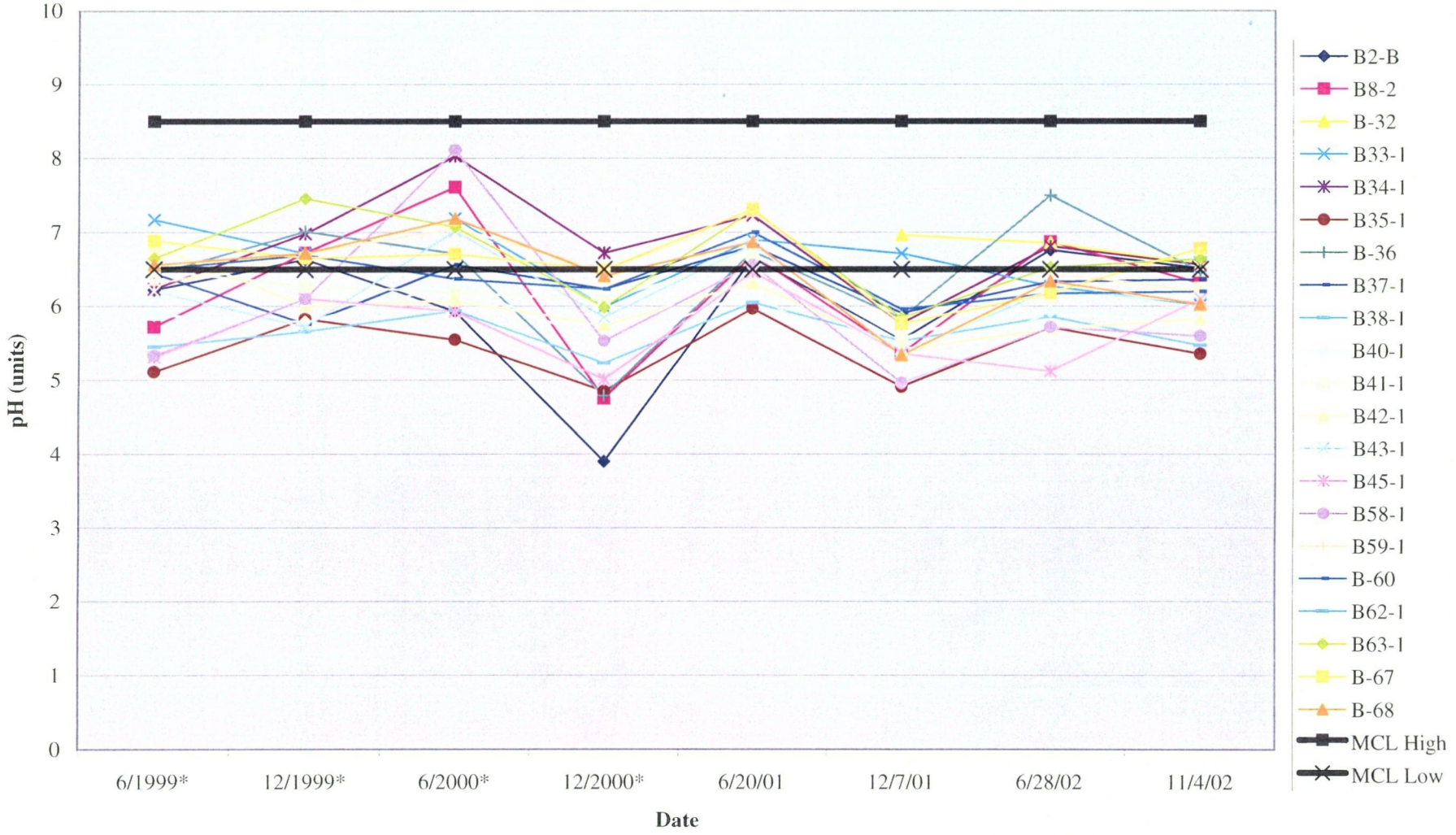
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Nitrate



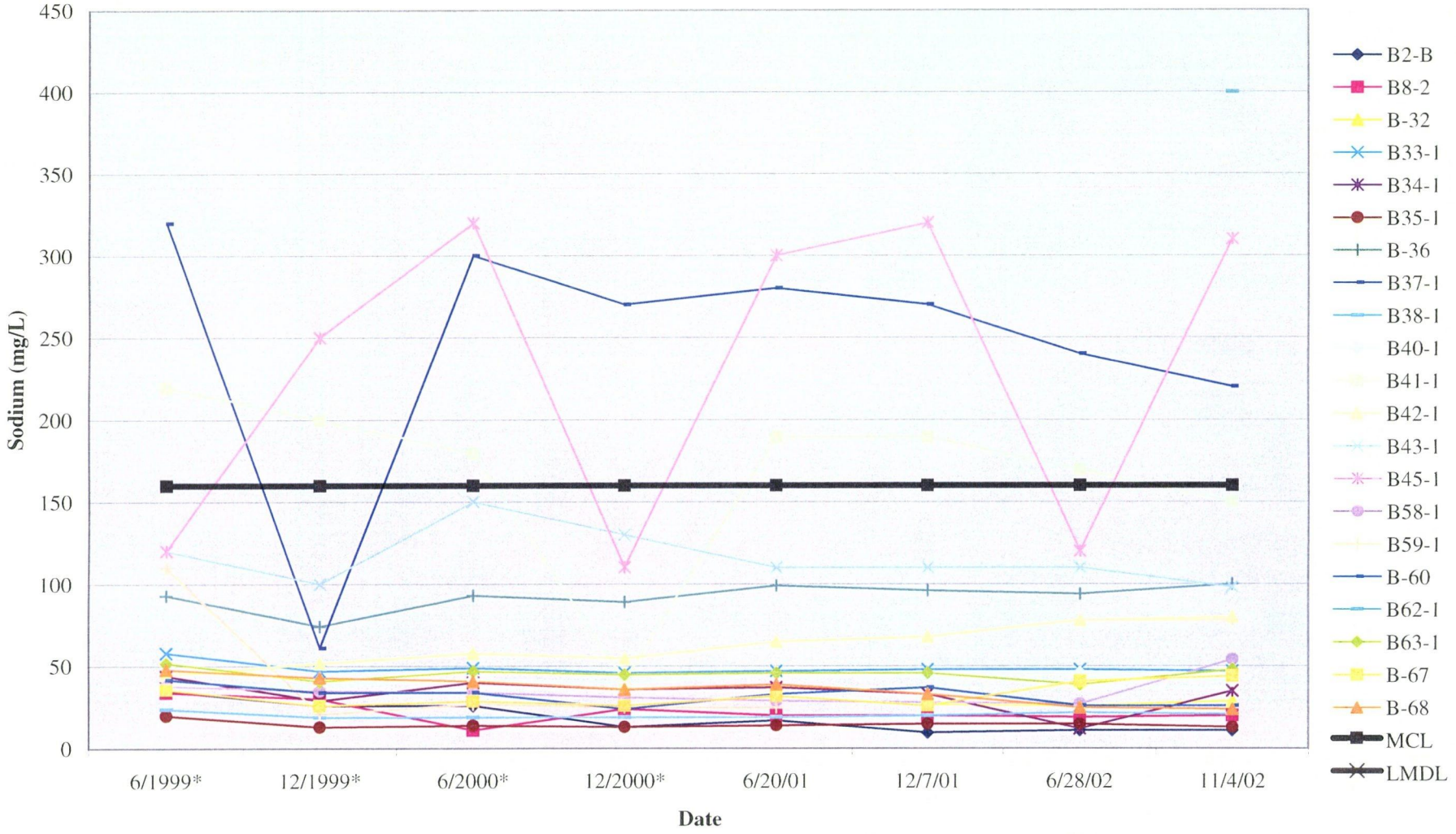
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4, pH



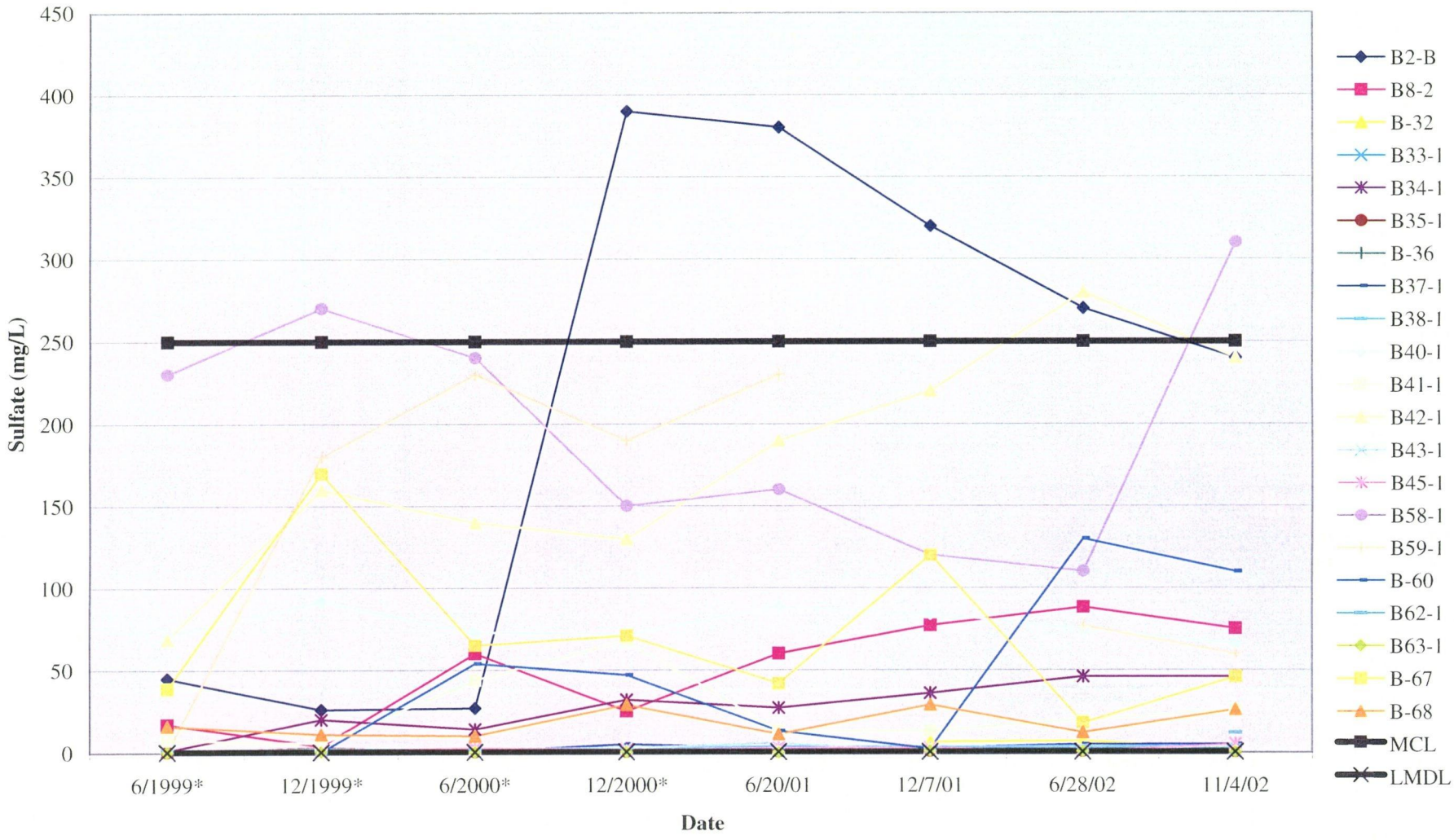
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Sodium



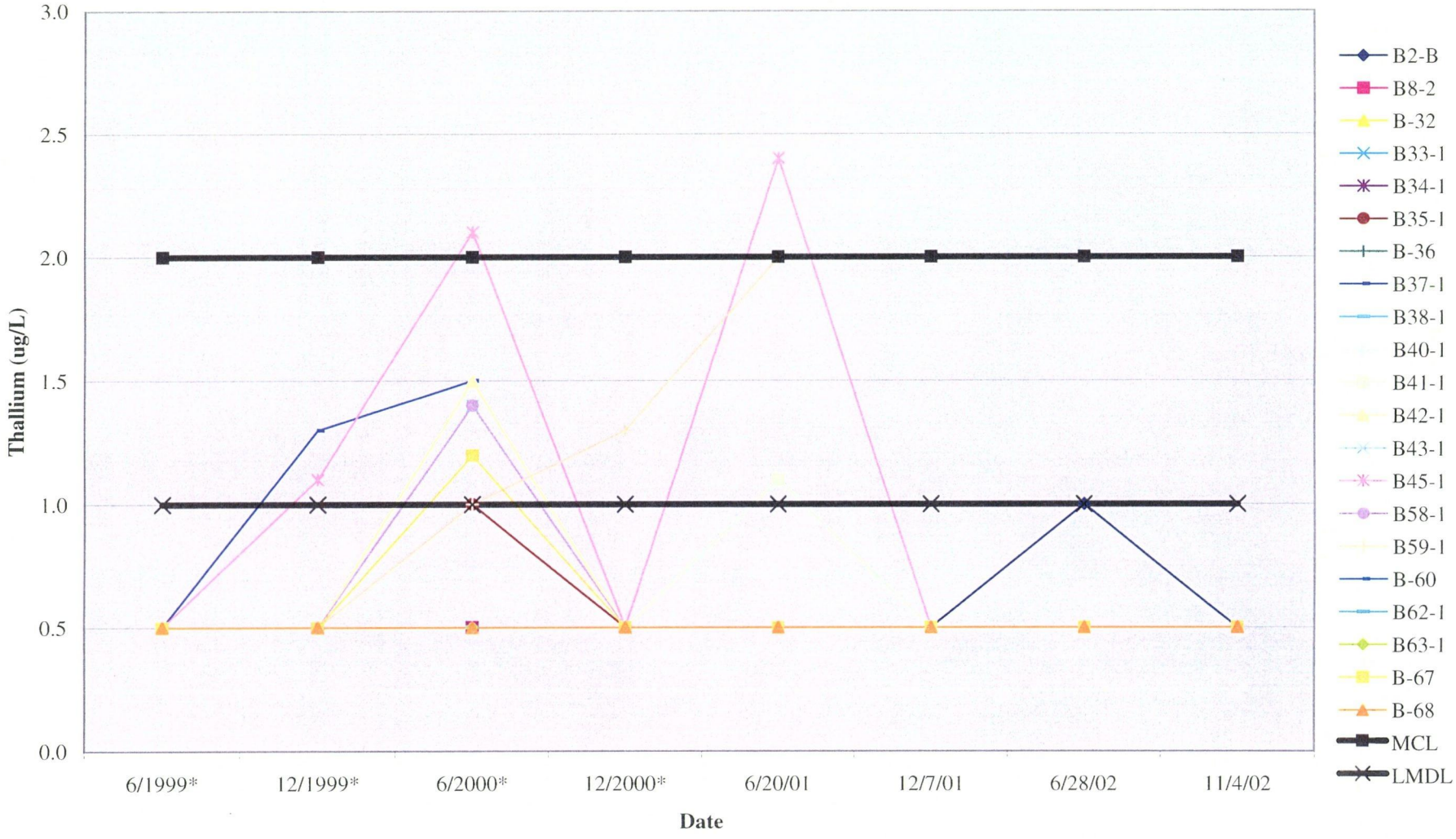
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Sulfate



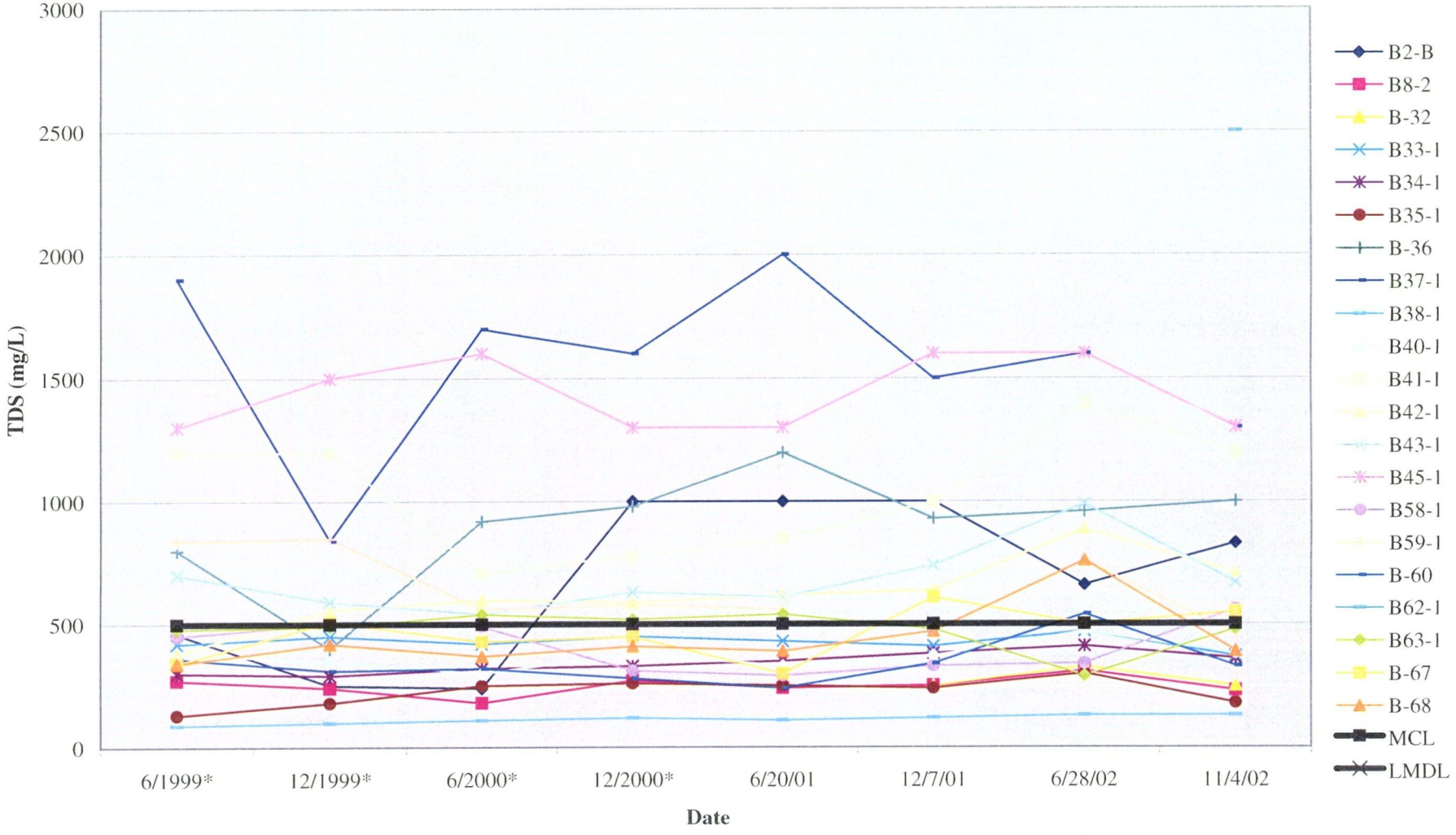
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Thallium



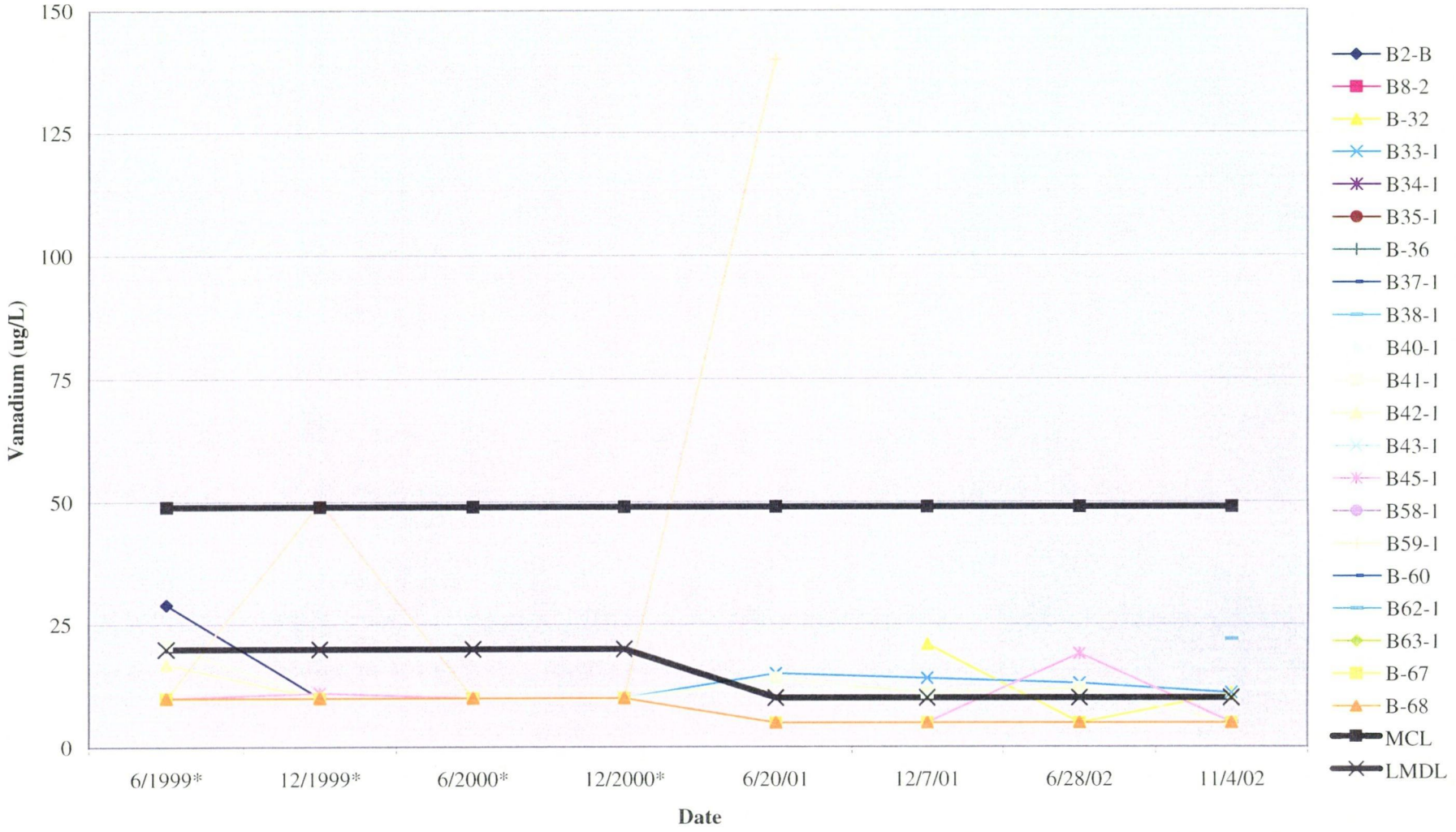
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
TDS



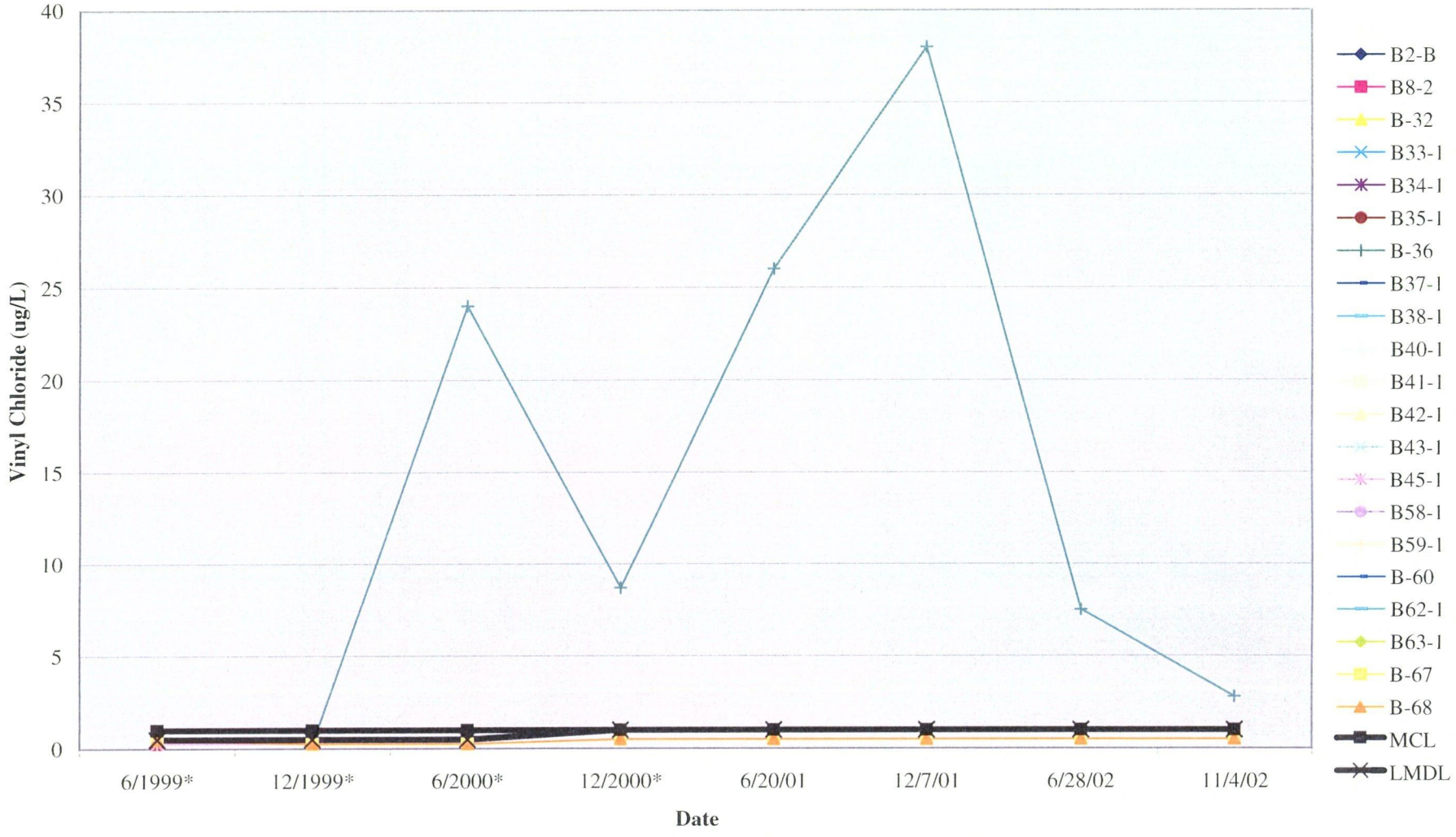
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Vanadium



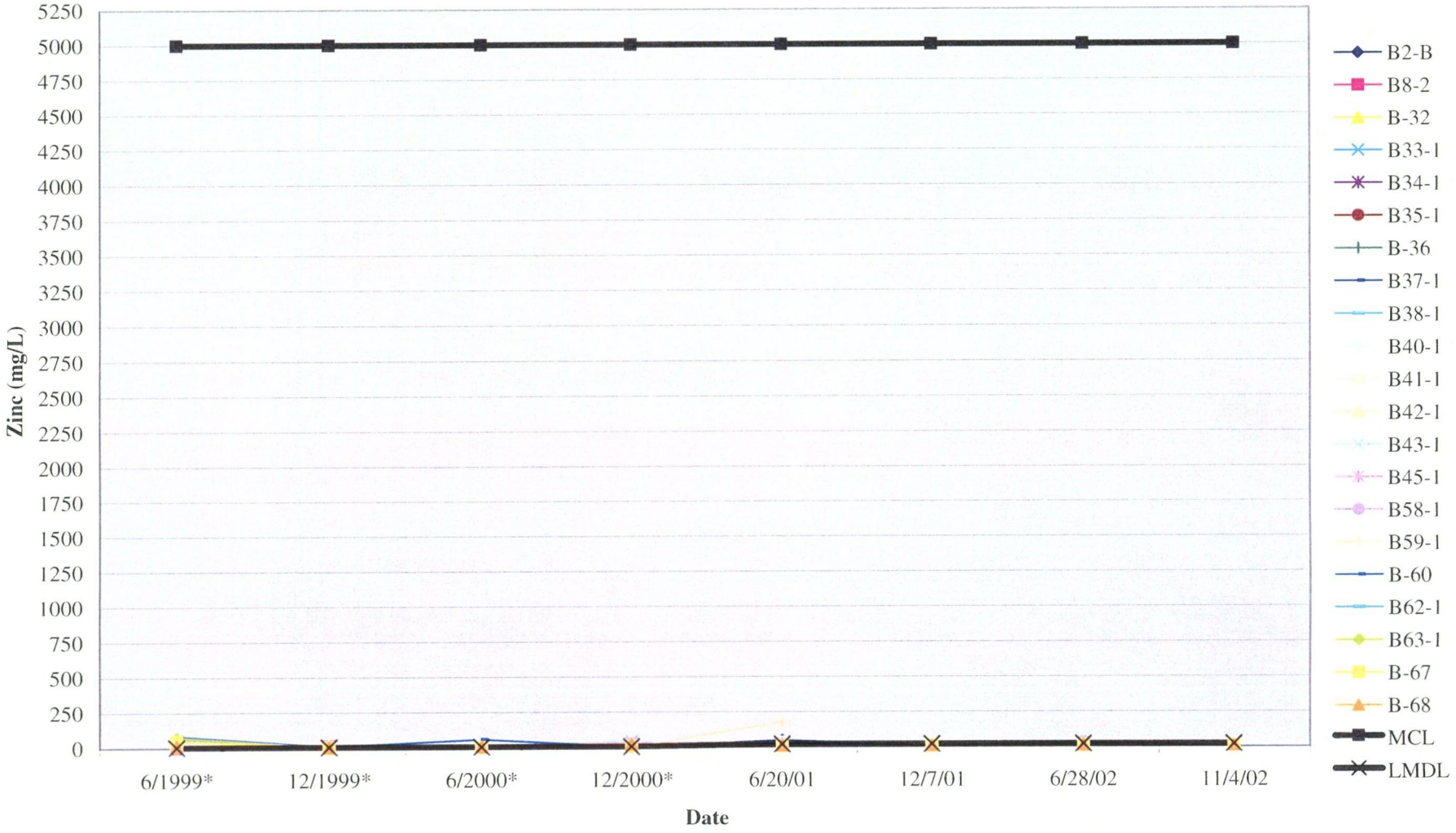
Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4,
Vinyl Chloride

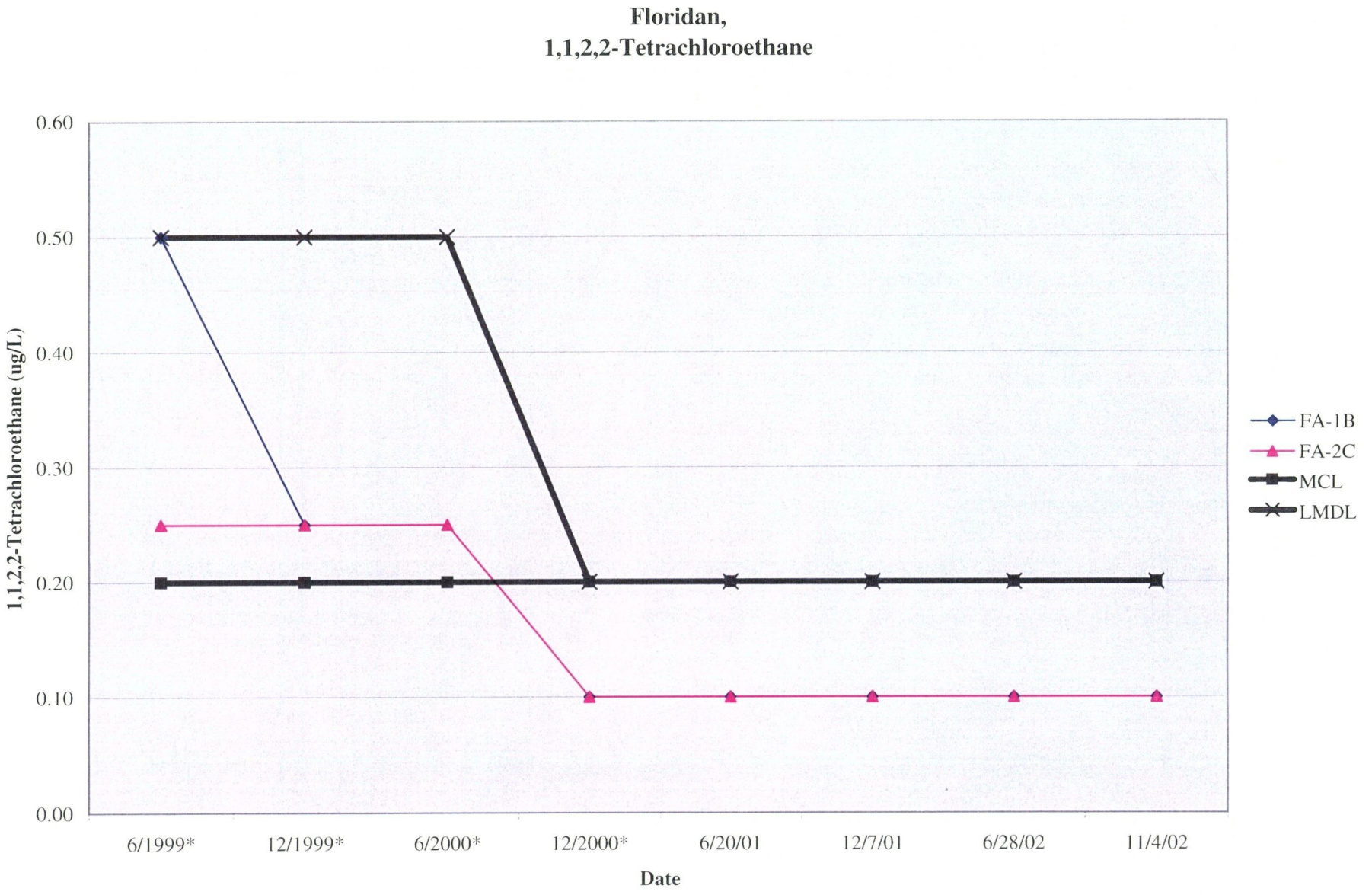


Tomoka Farms Road Landfill, Volusia County, Florida

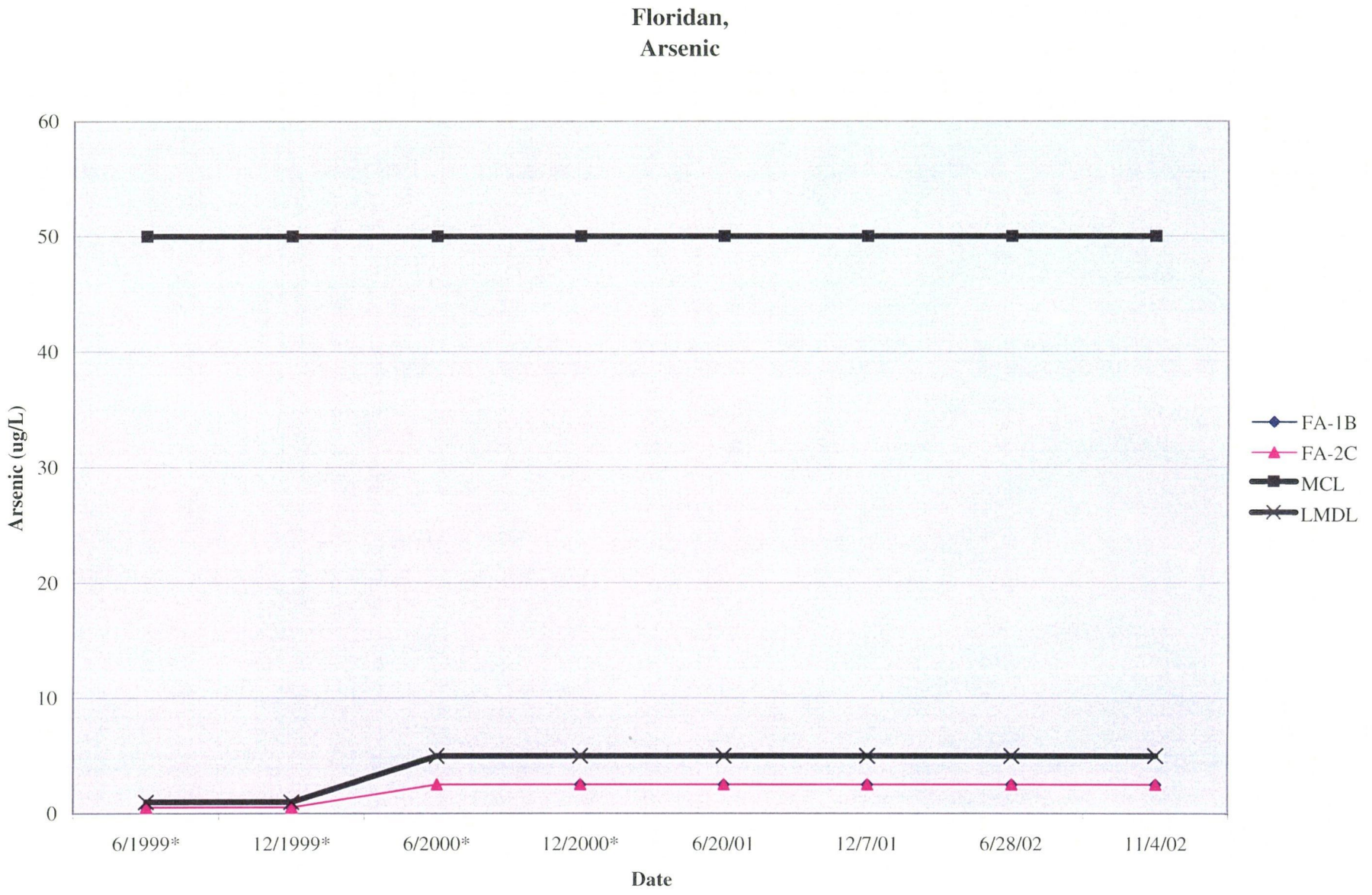
Zone 4,
Zinc



Tomoka Farms Road Landfill, Volusia County, Florida

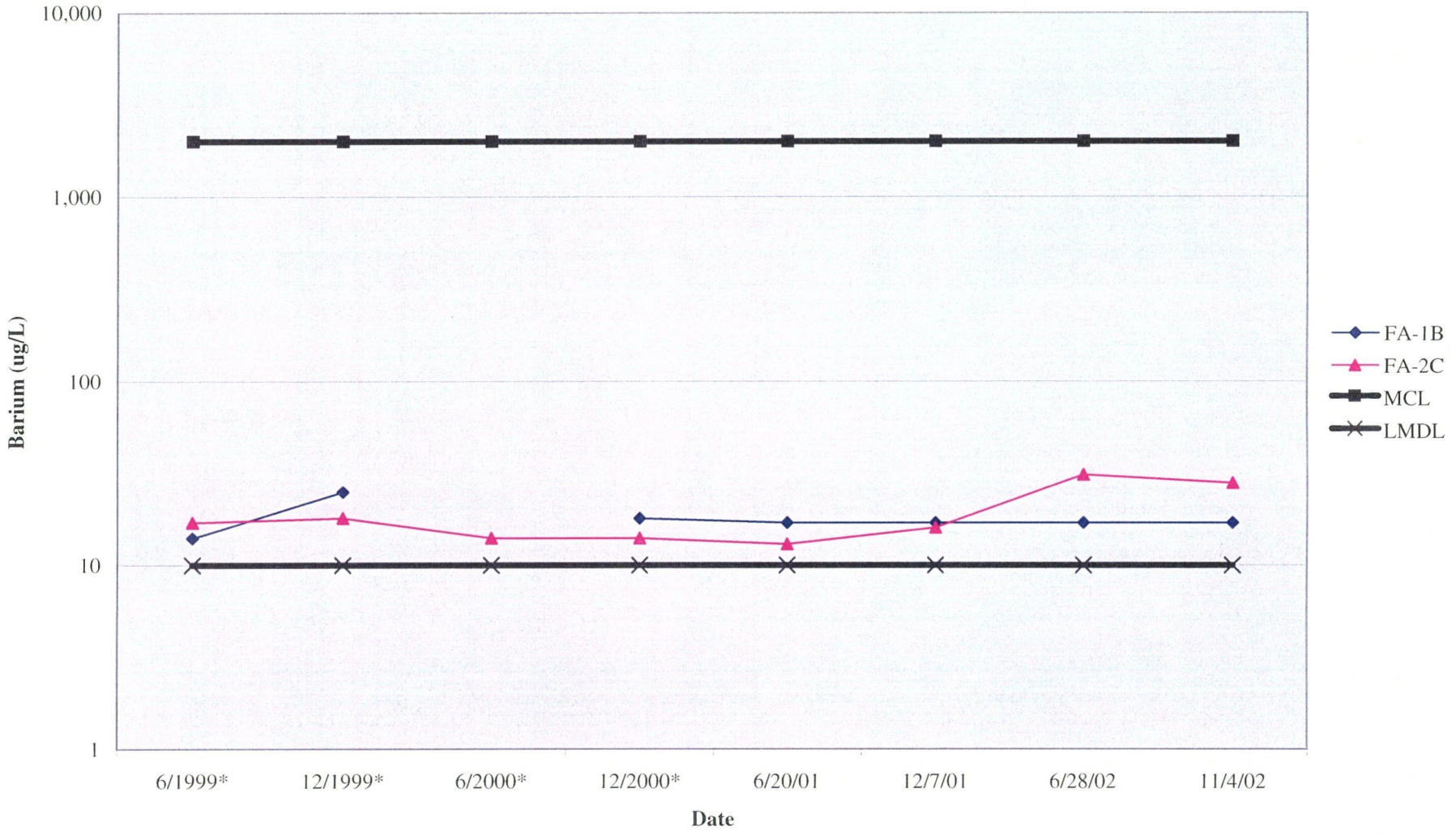


Tomoka Farms Road Landfill, Volusia County, Florida



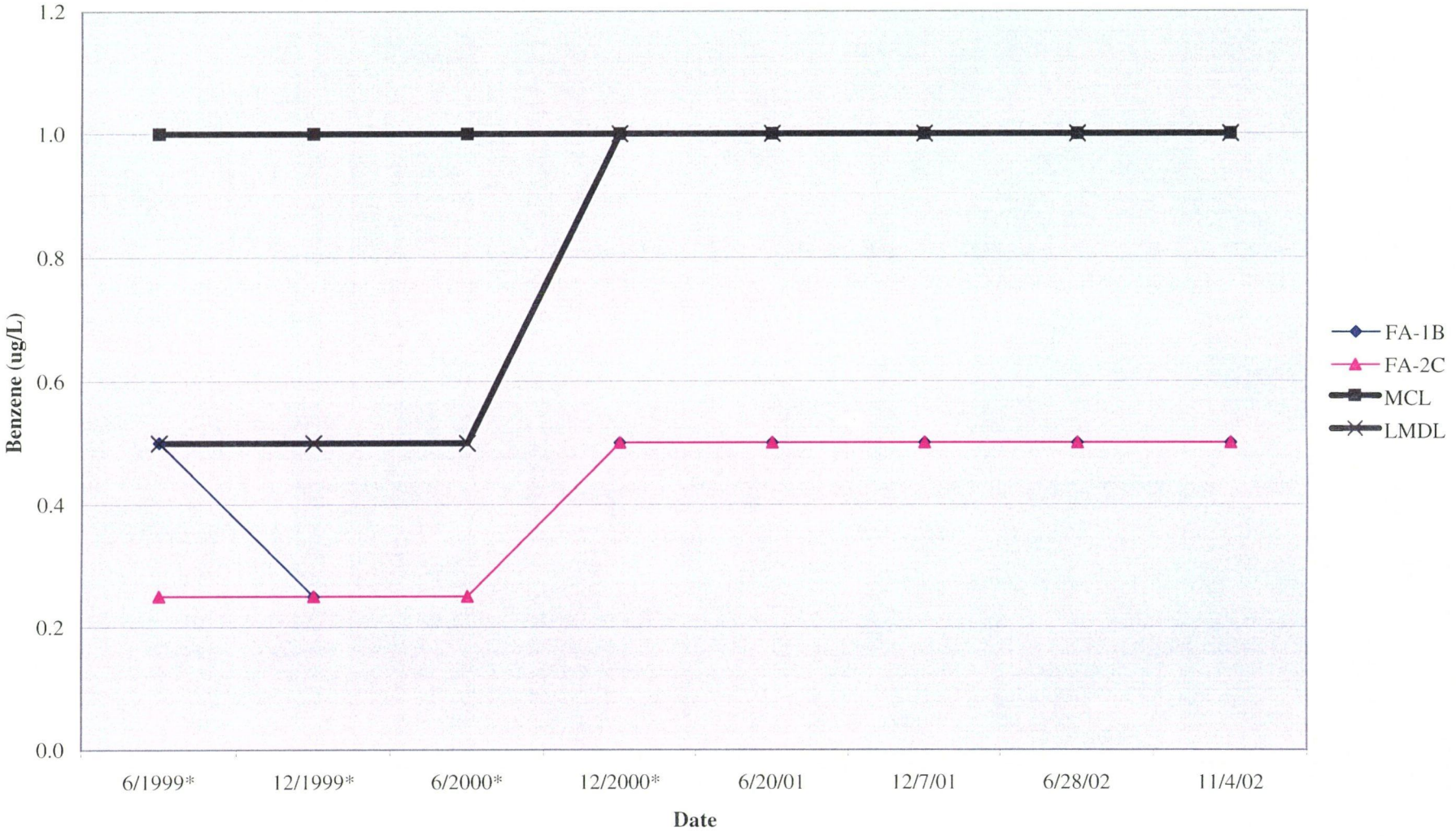
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Barium

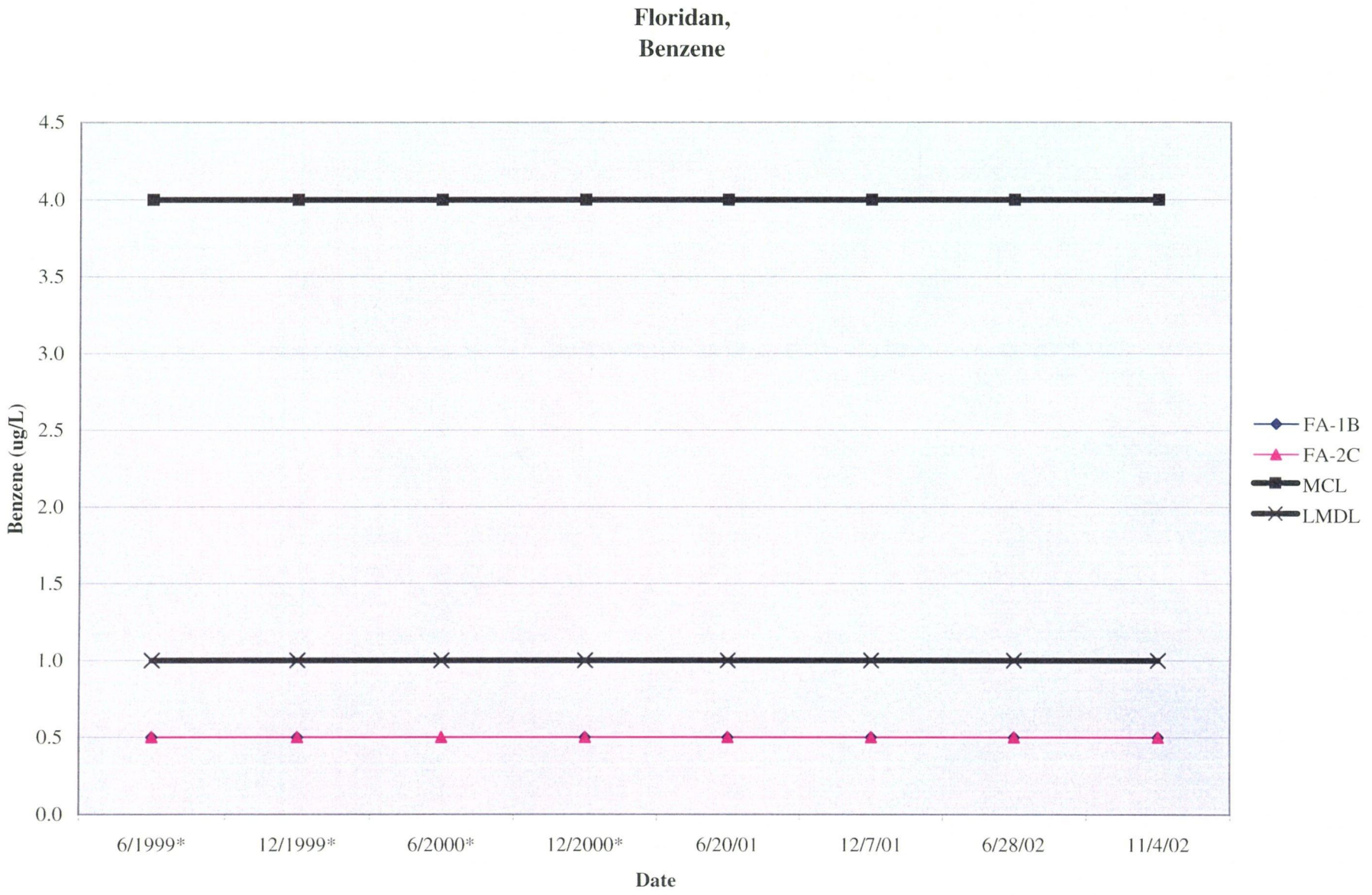


Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Benzene

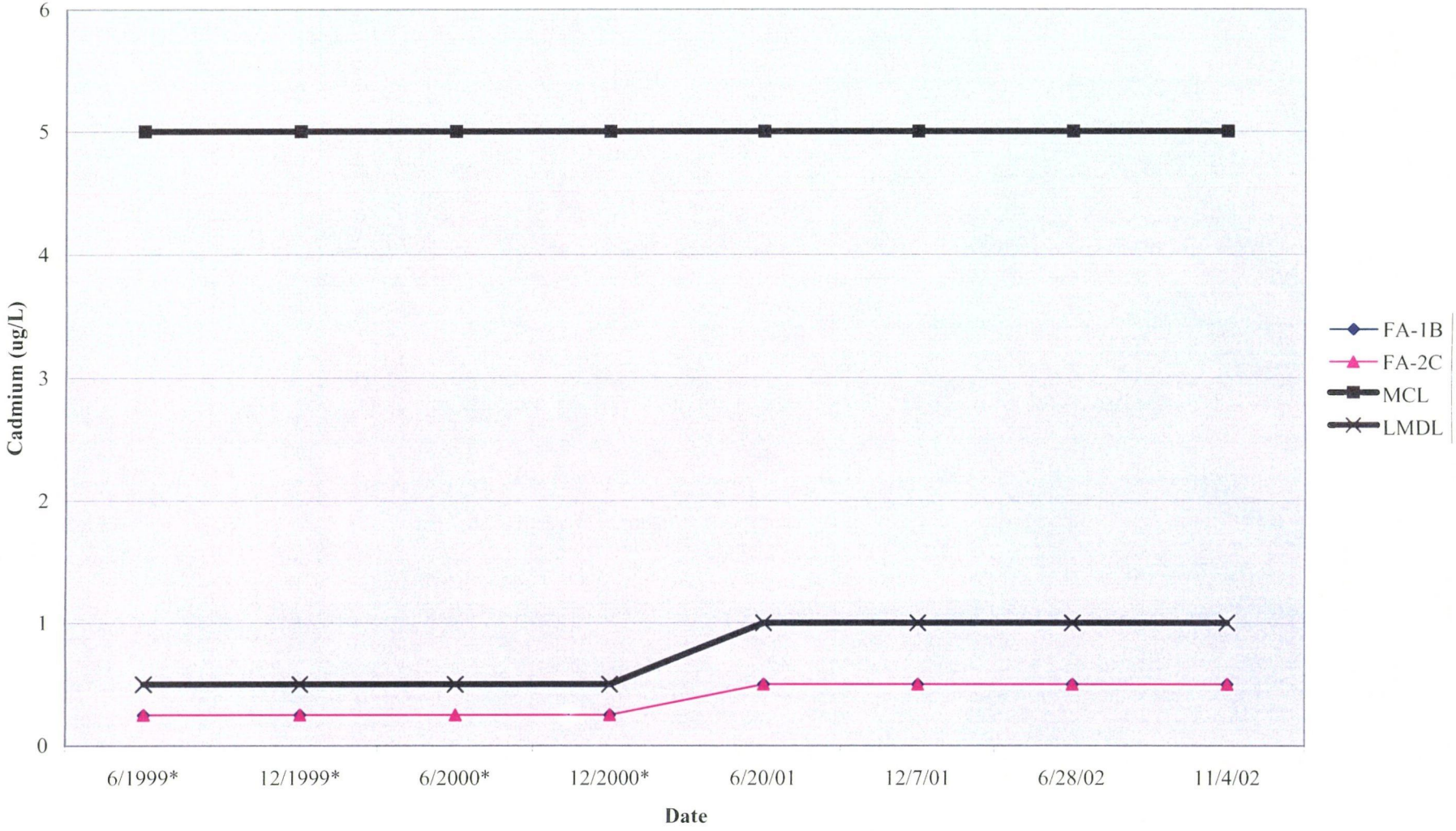


Tomoka Farms Road Landfill, Volusia County, Florida



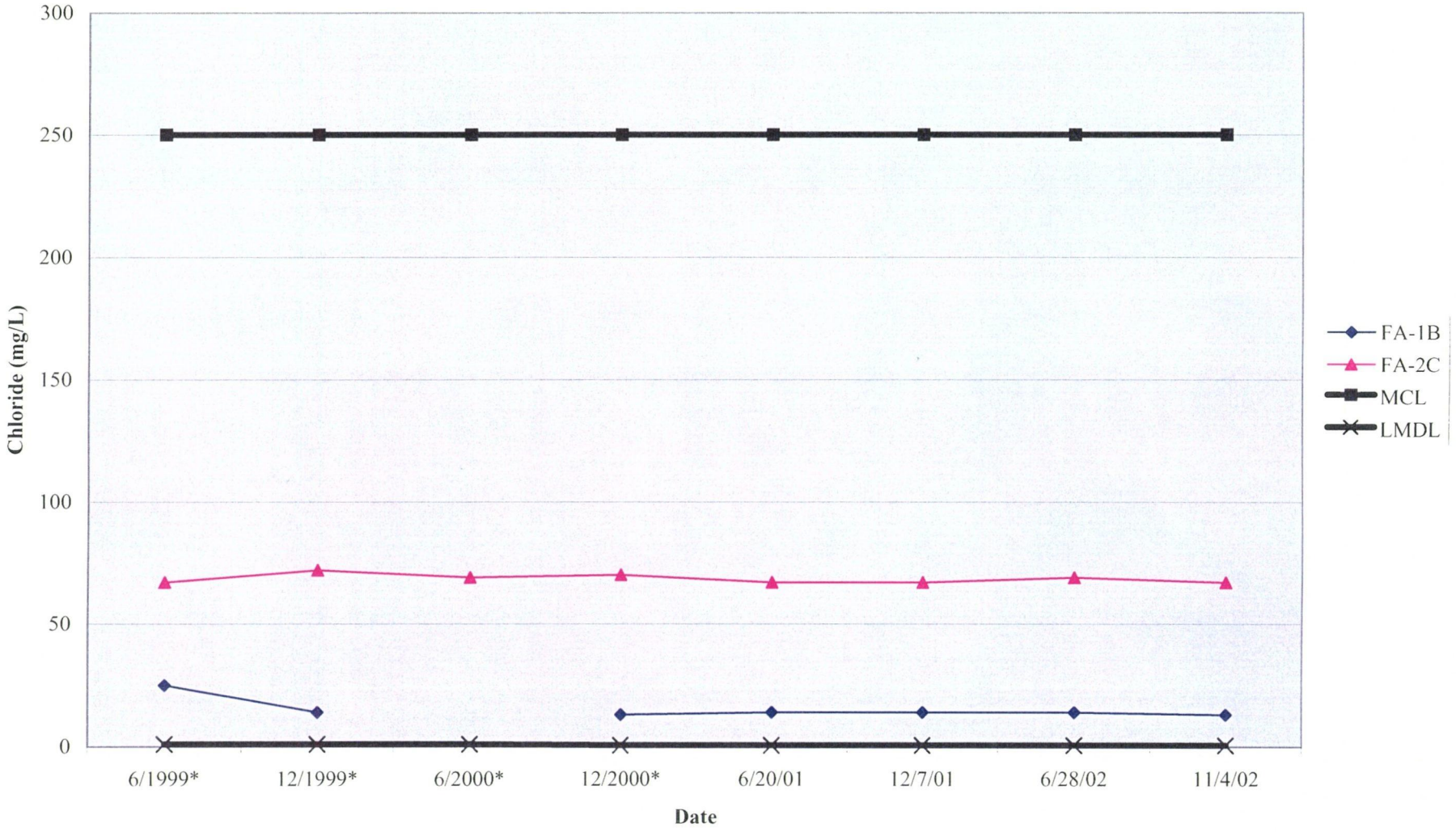
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Cadmium



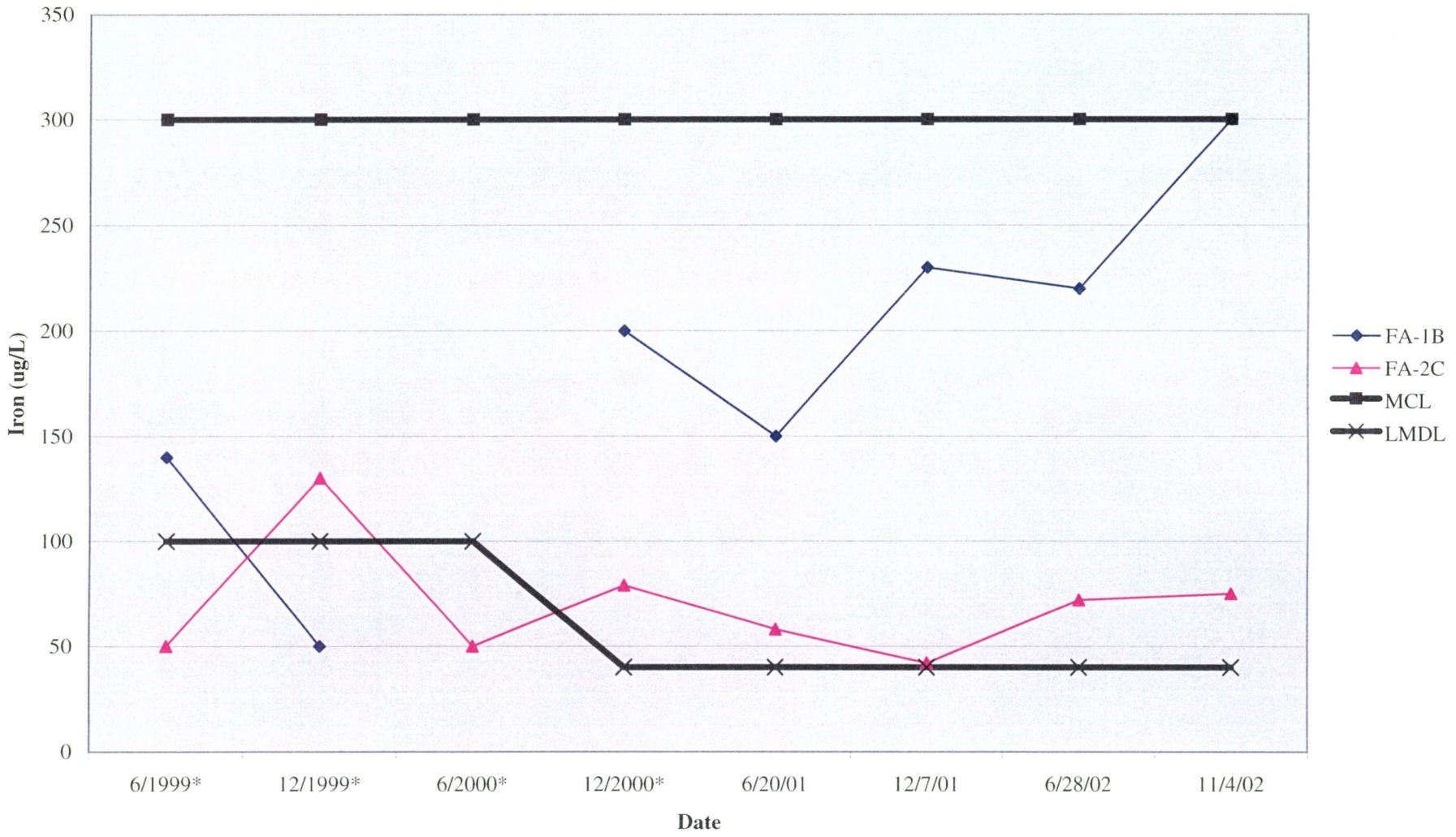
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Chloride



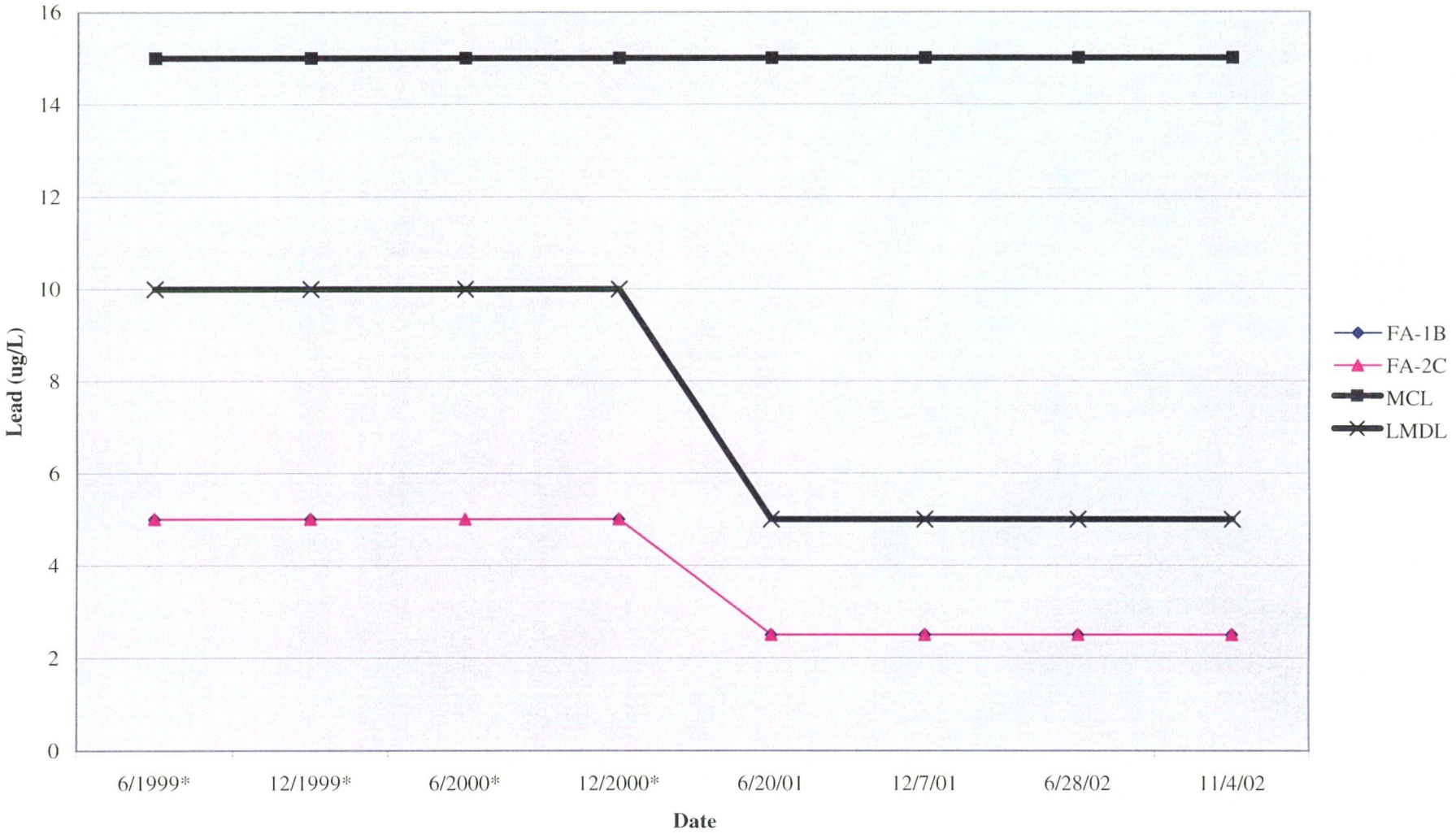
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Iron



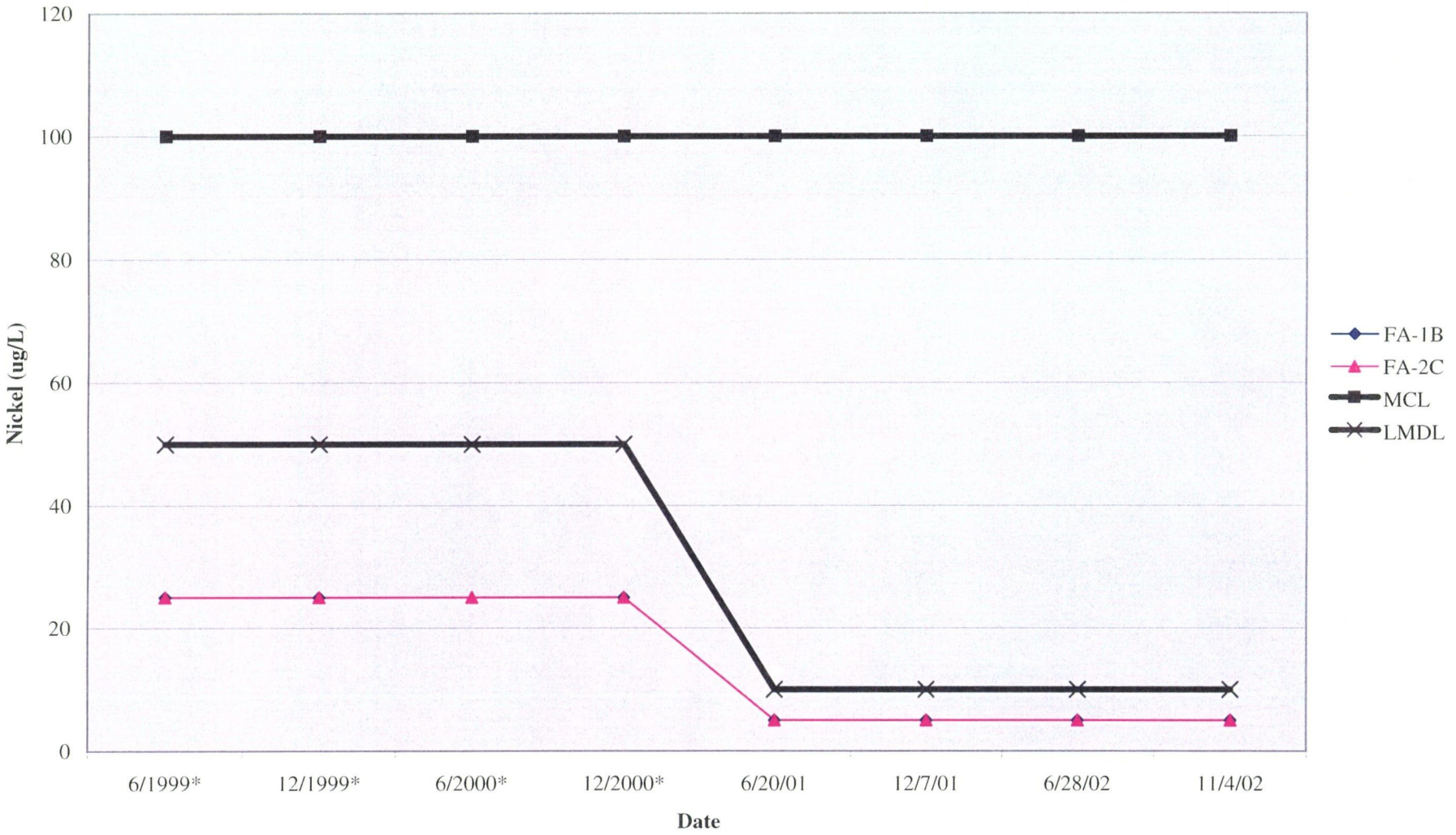
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Lead



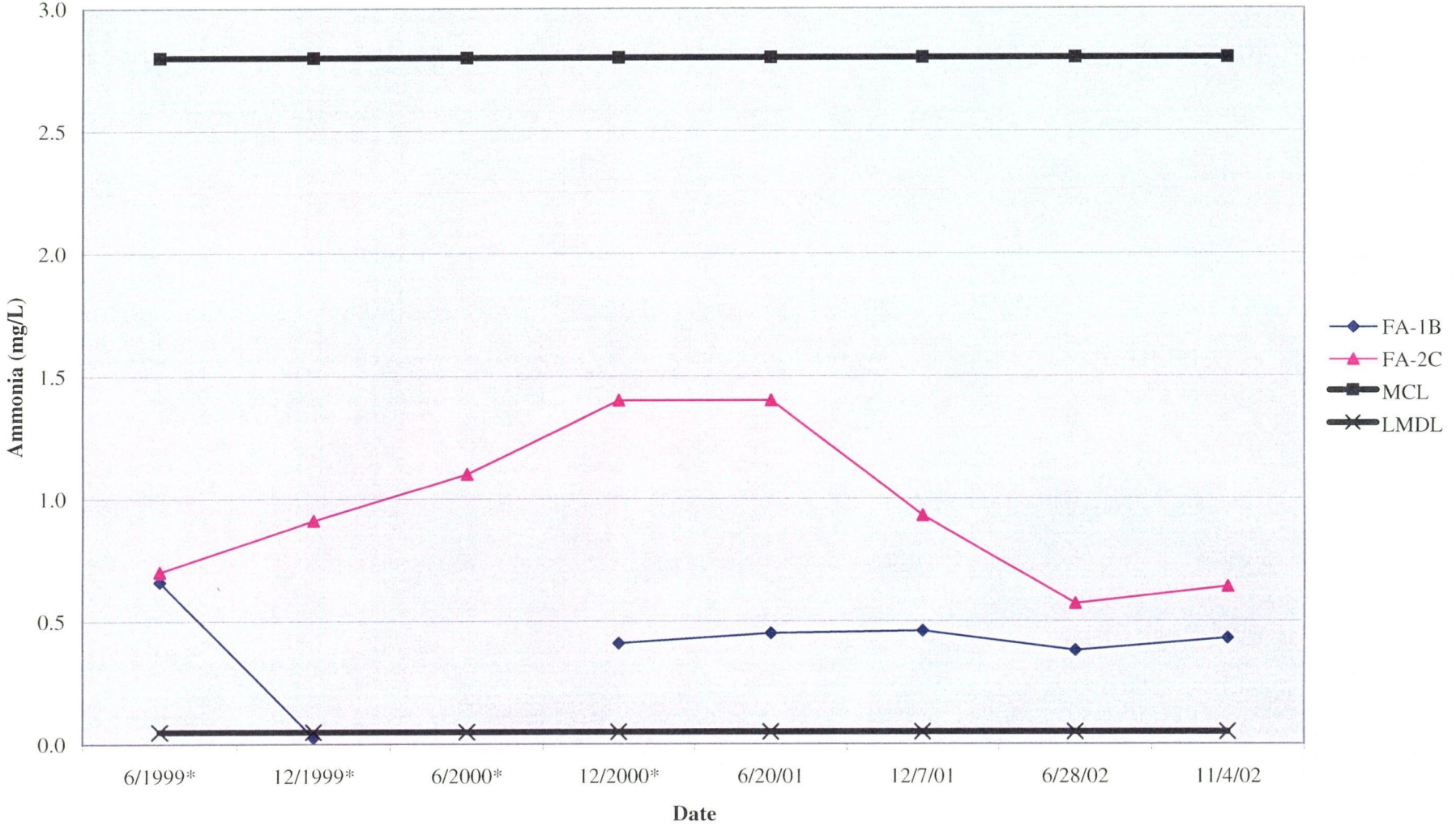
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Nickel

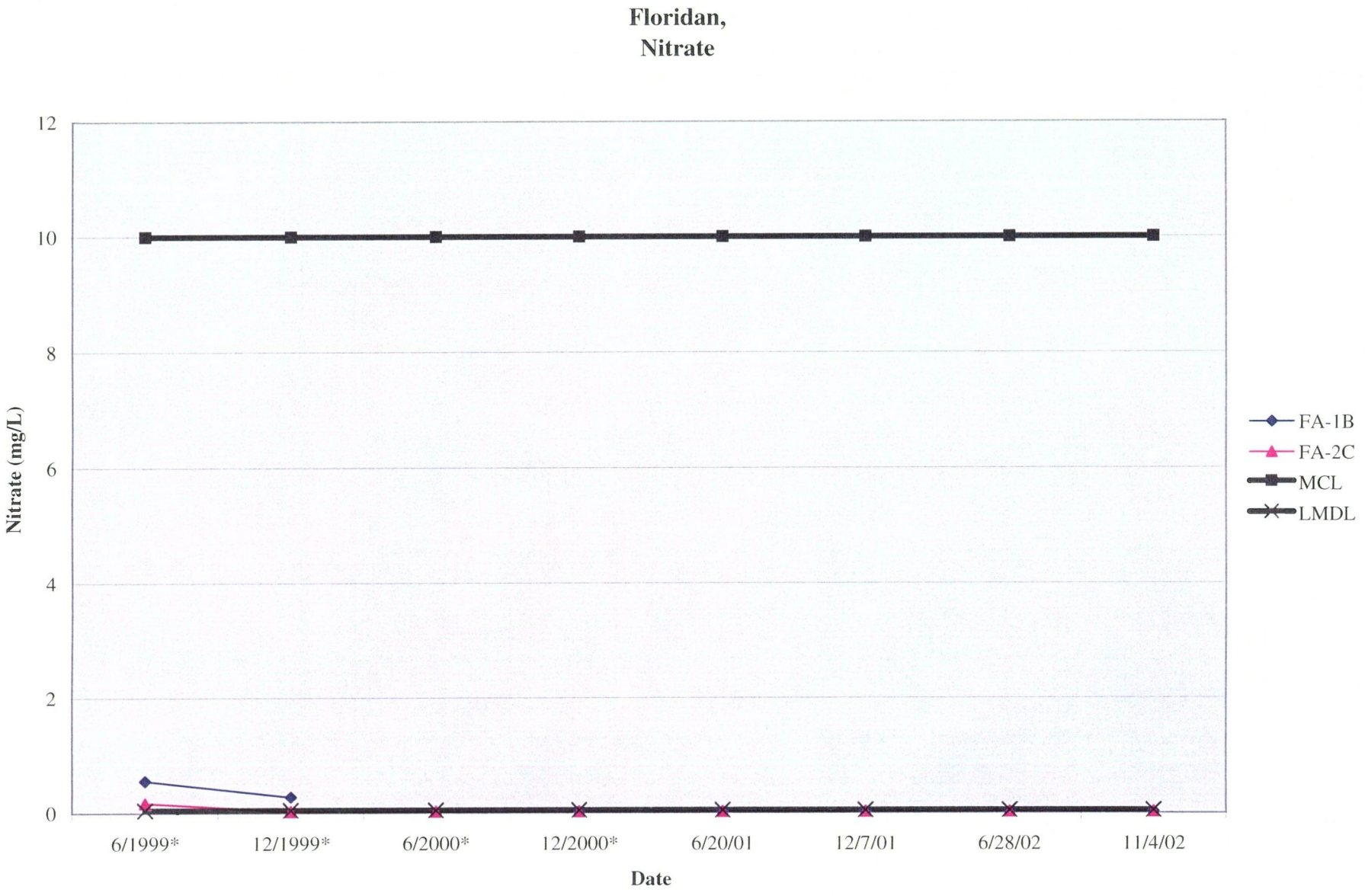


Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Ammonia

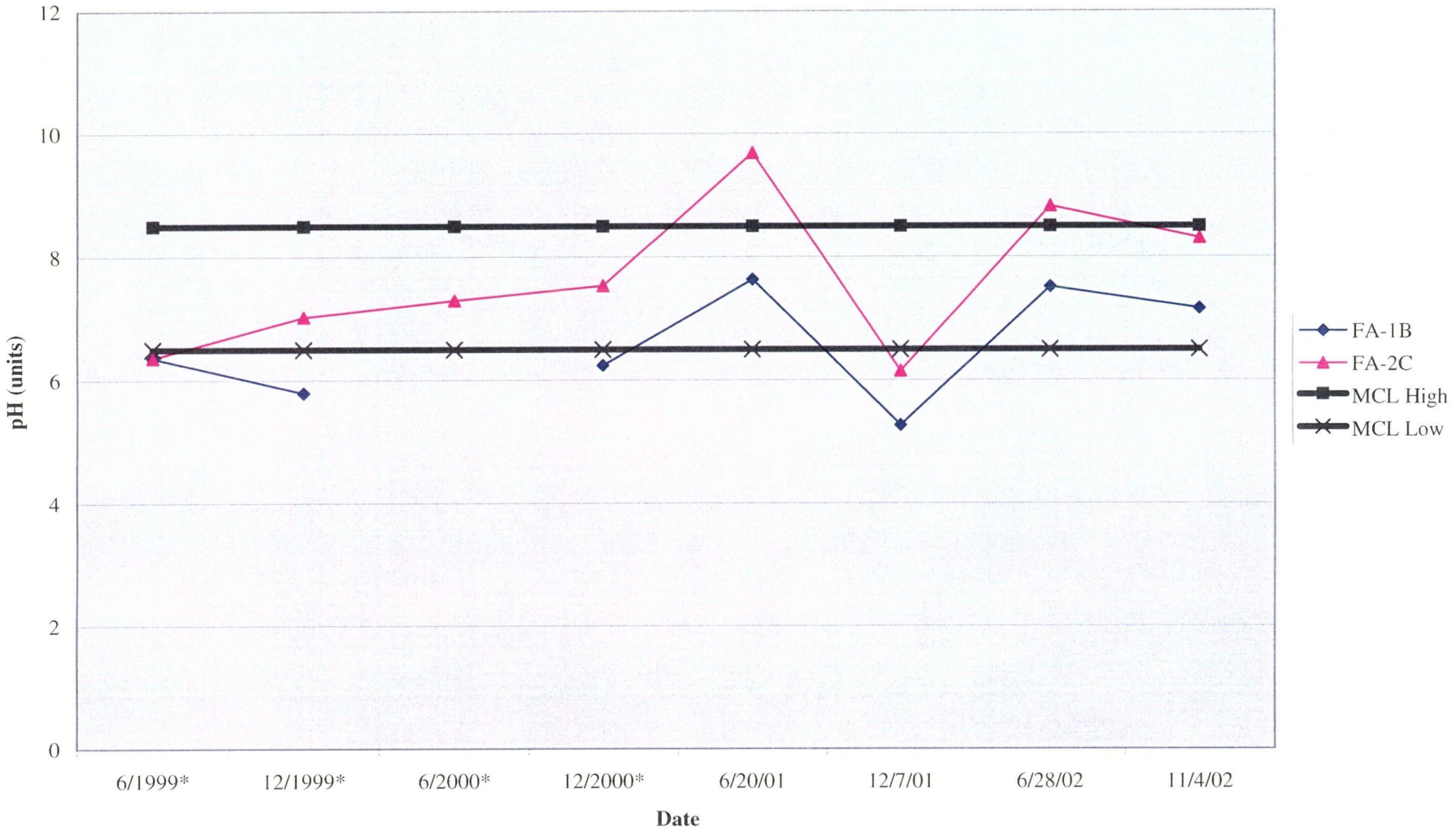


Tomoka Farms Road Landfill, Volusia County, Florida

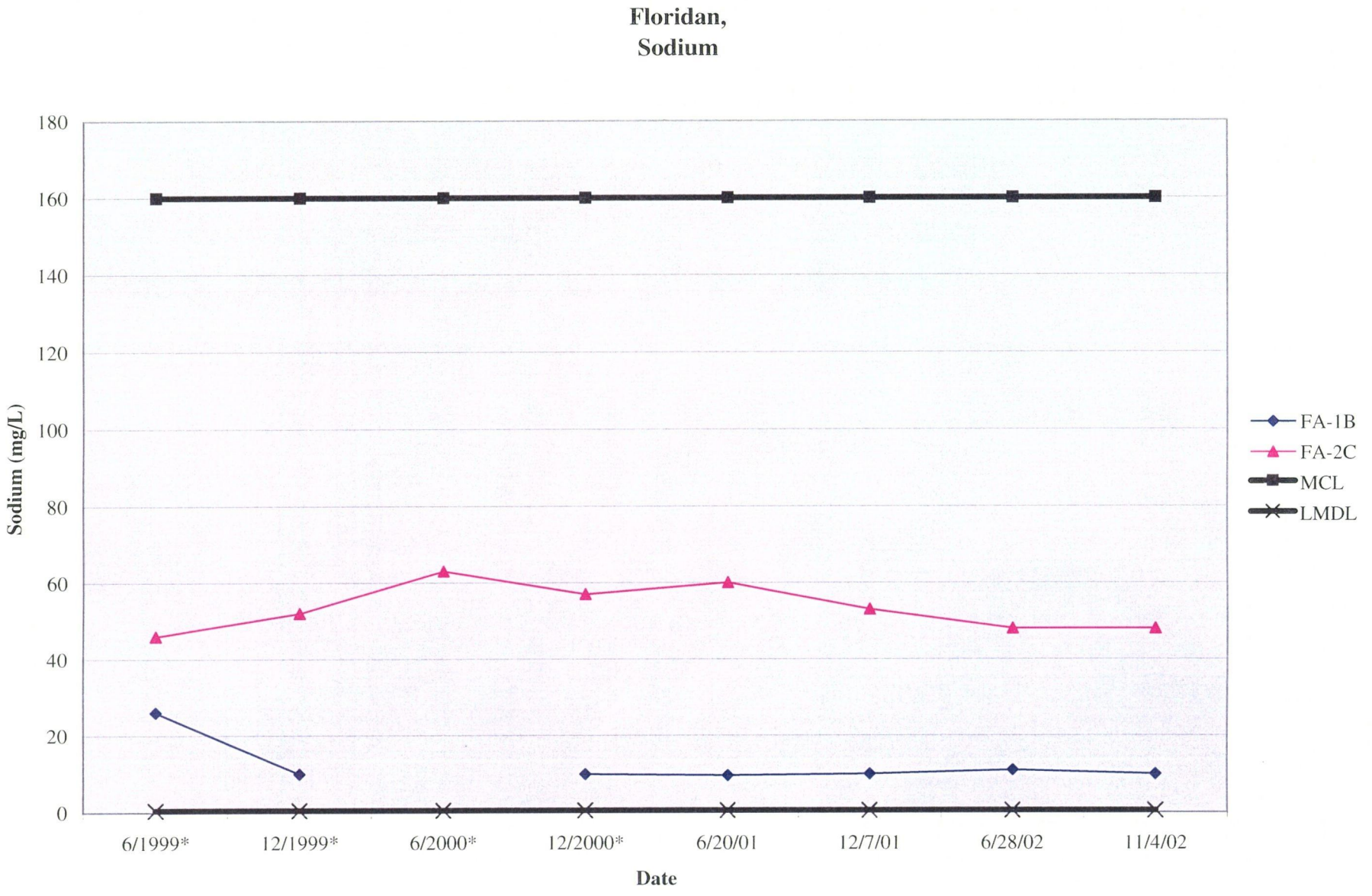


Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
pH

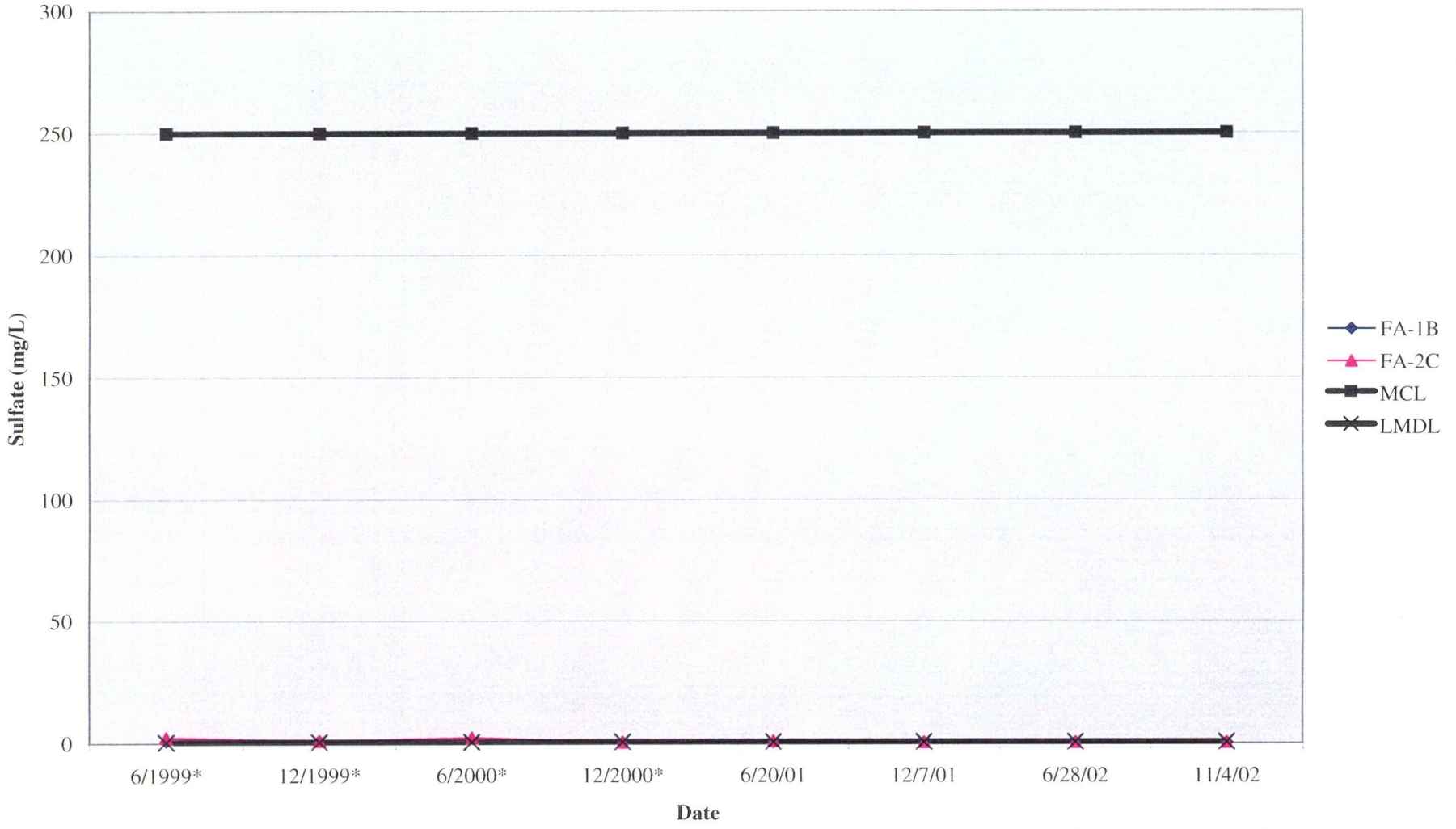


Tomoka Farms Road Landfill, Volusia County, Florida



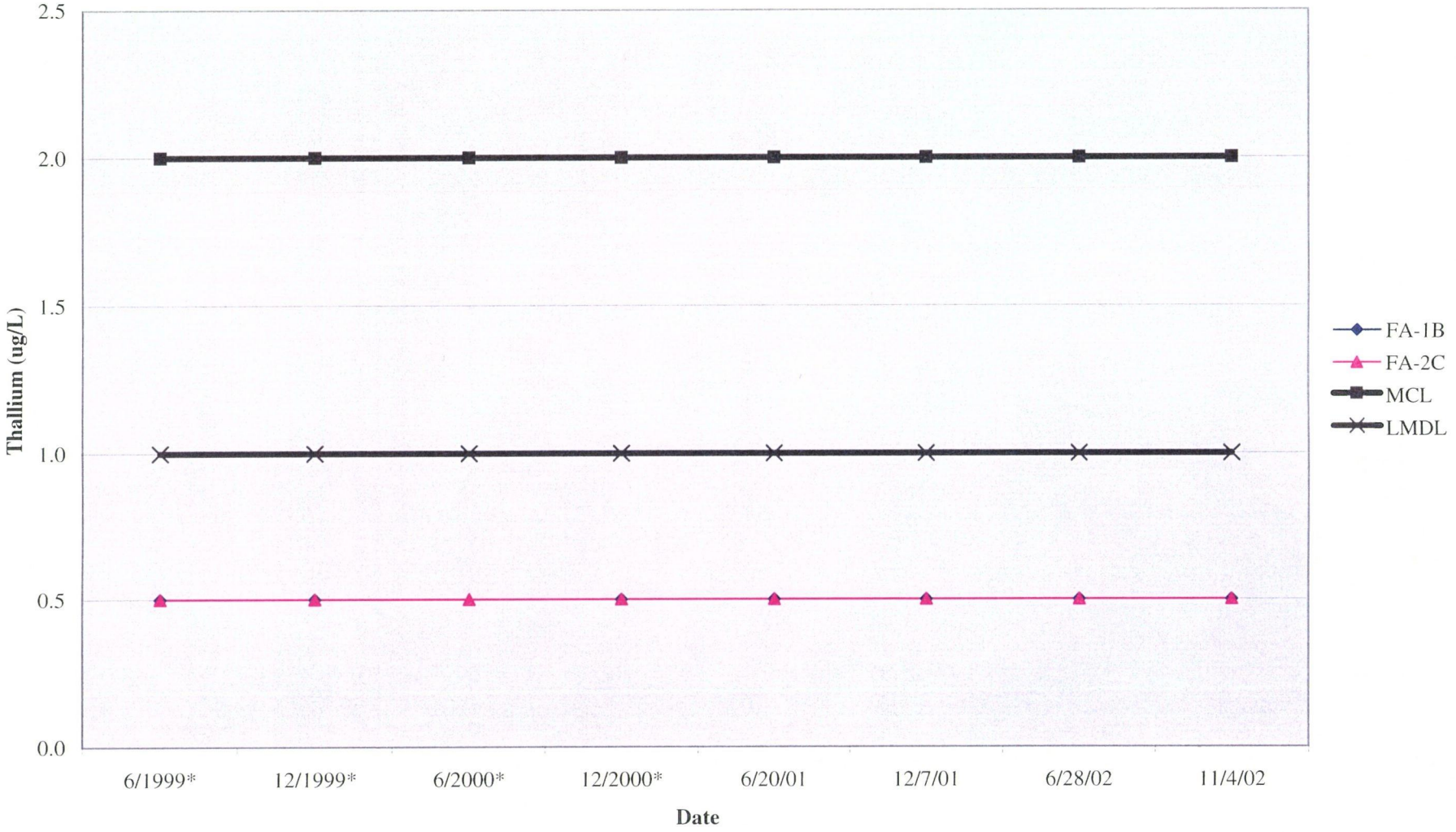
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Sulfate



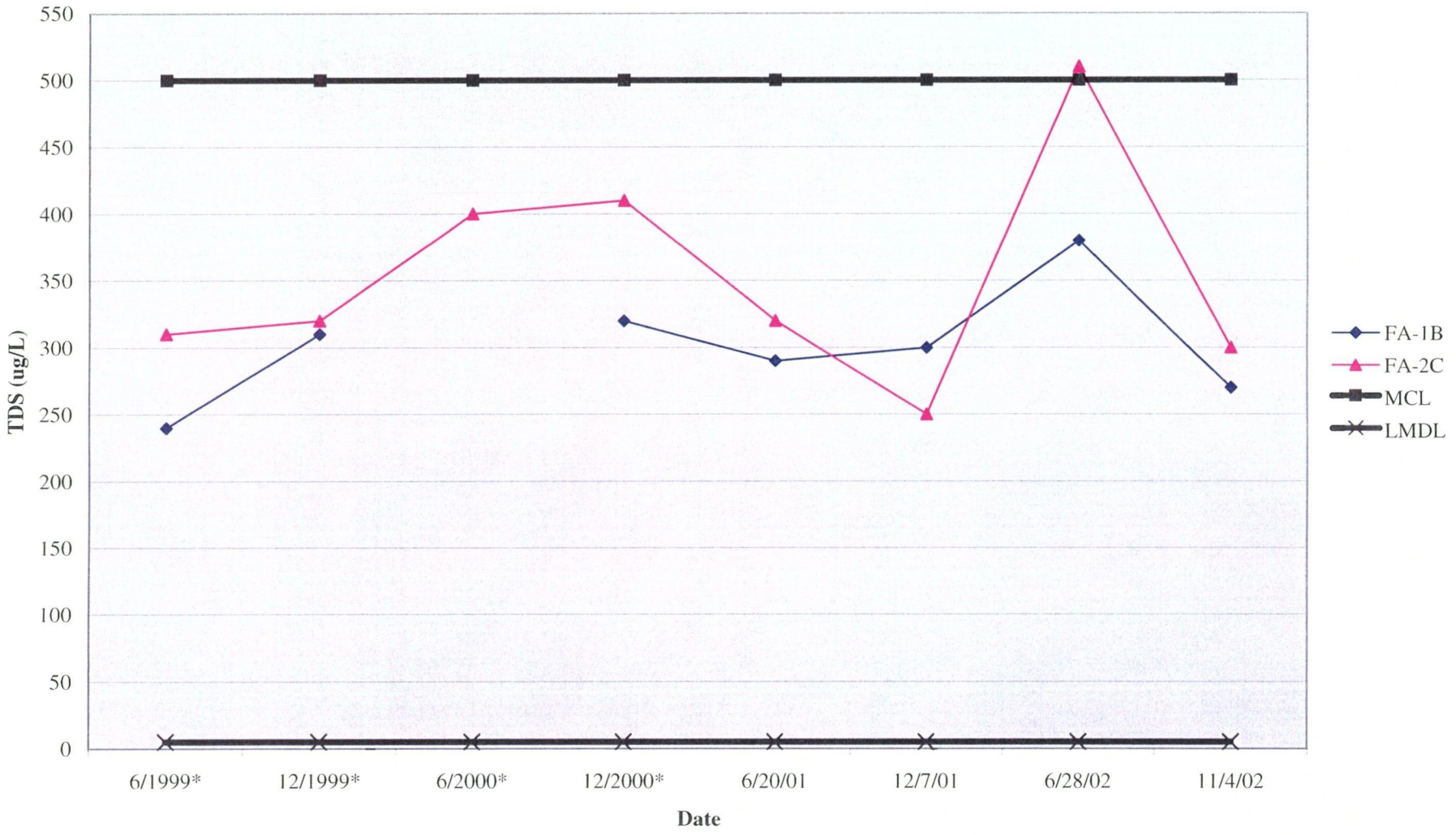
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
Thallium



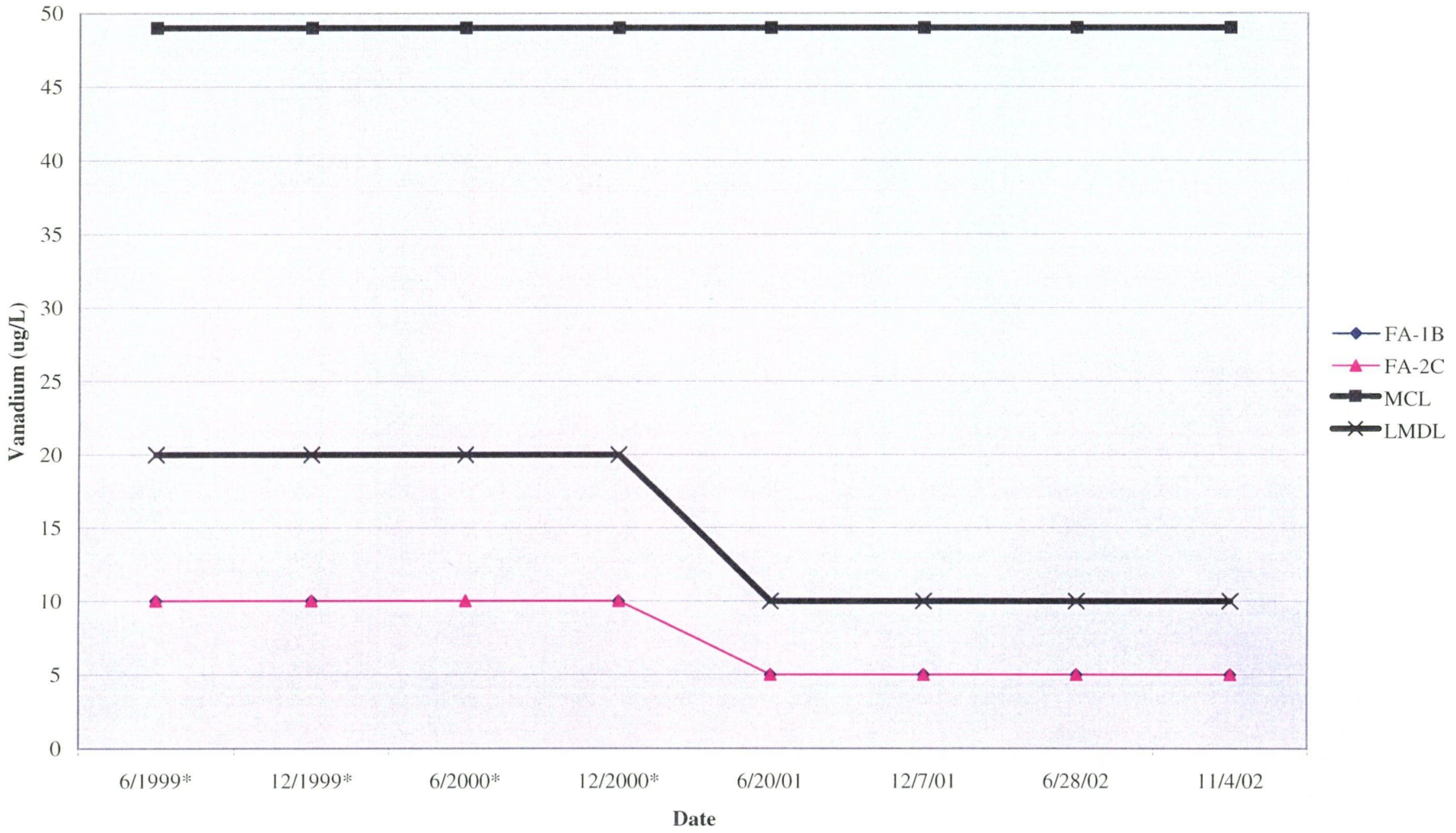
Tomoka Farms Road Landfill, Volusia County, Florida

Floridan,
TDS

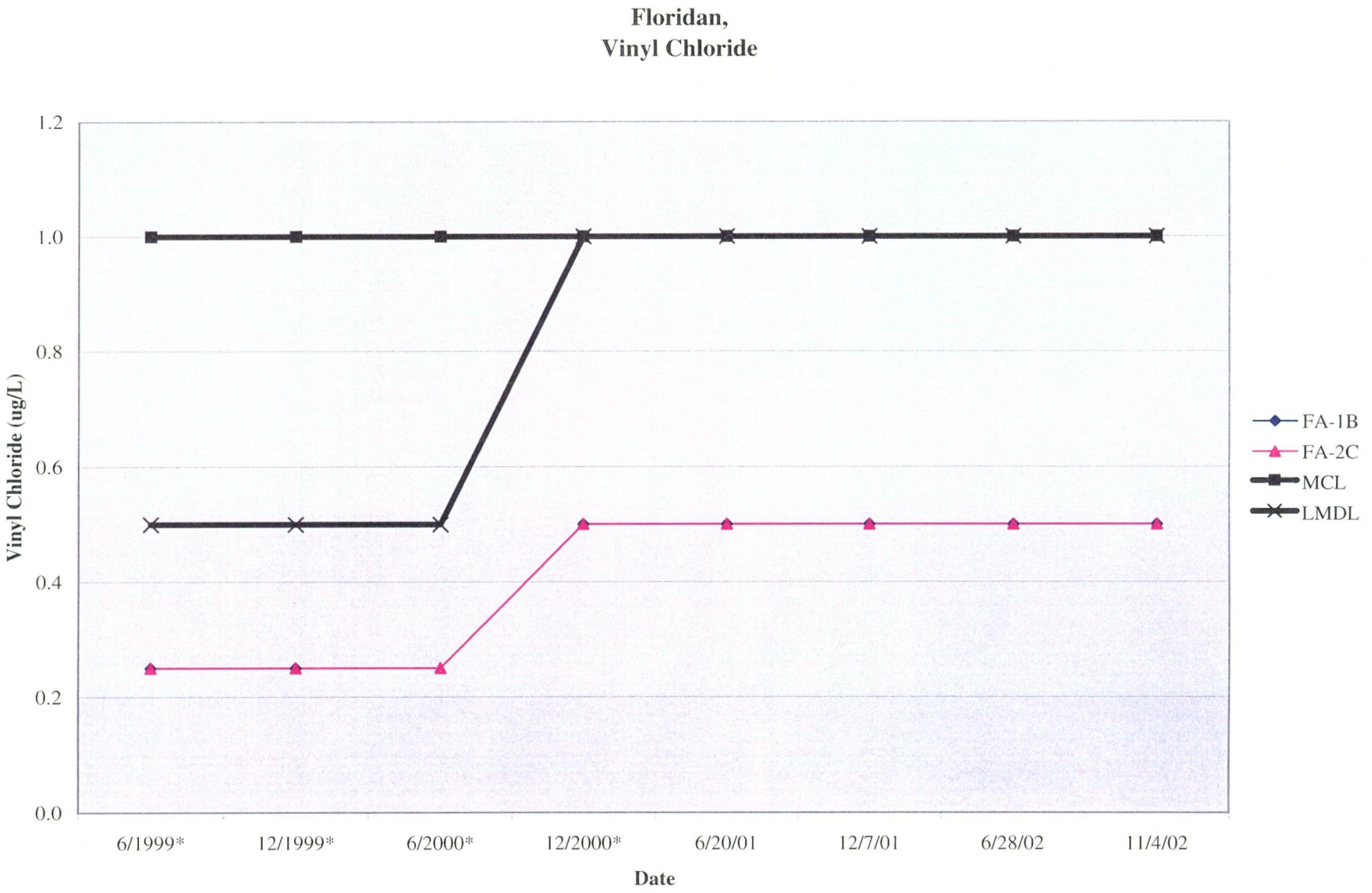


Tomoka Farms Road Landfill, Volusia County, Florida

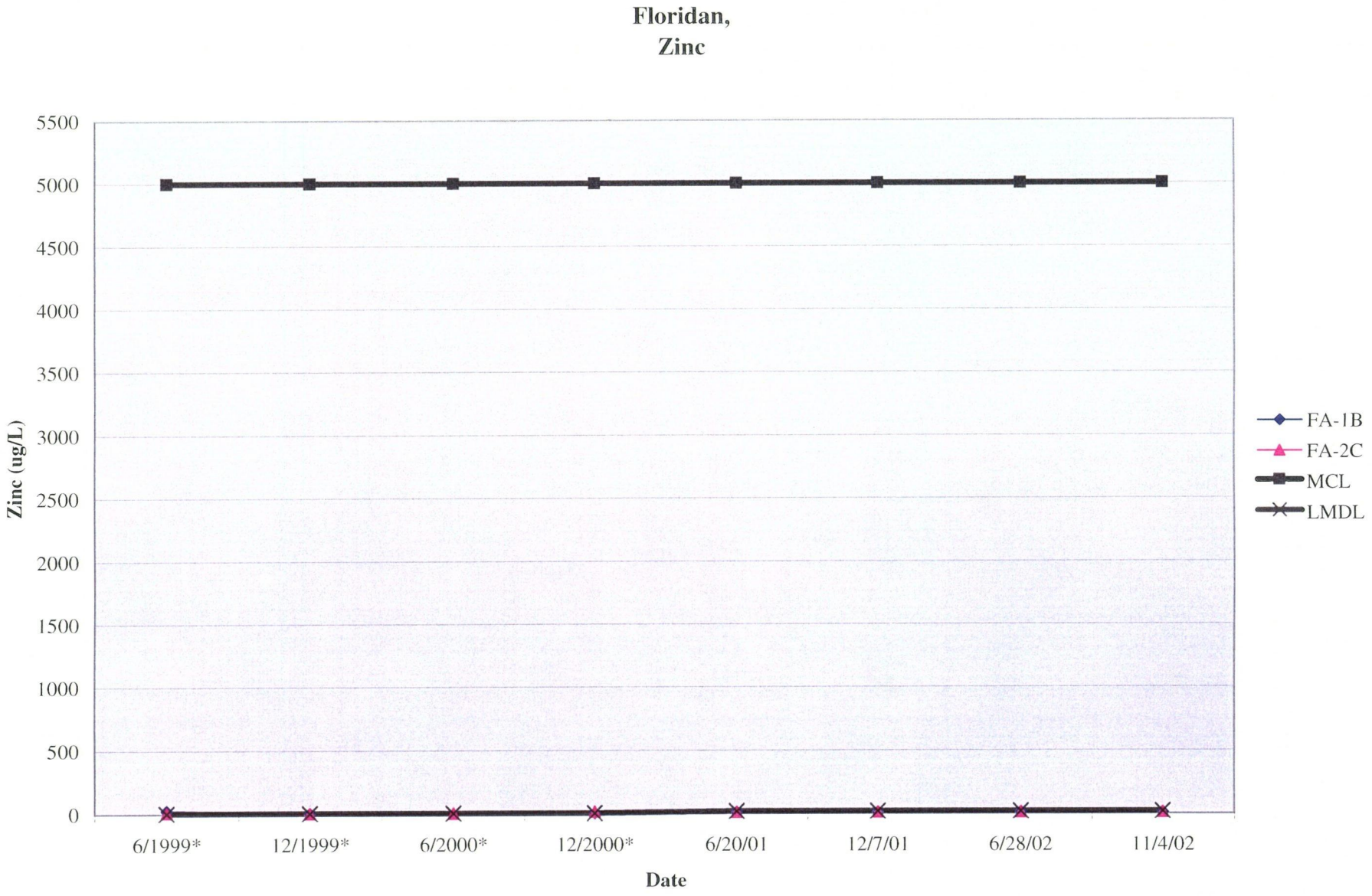
Floridan,
Vanadium



Tomoka Farms Road Landfill, Volusia County, Florida

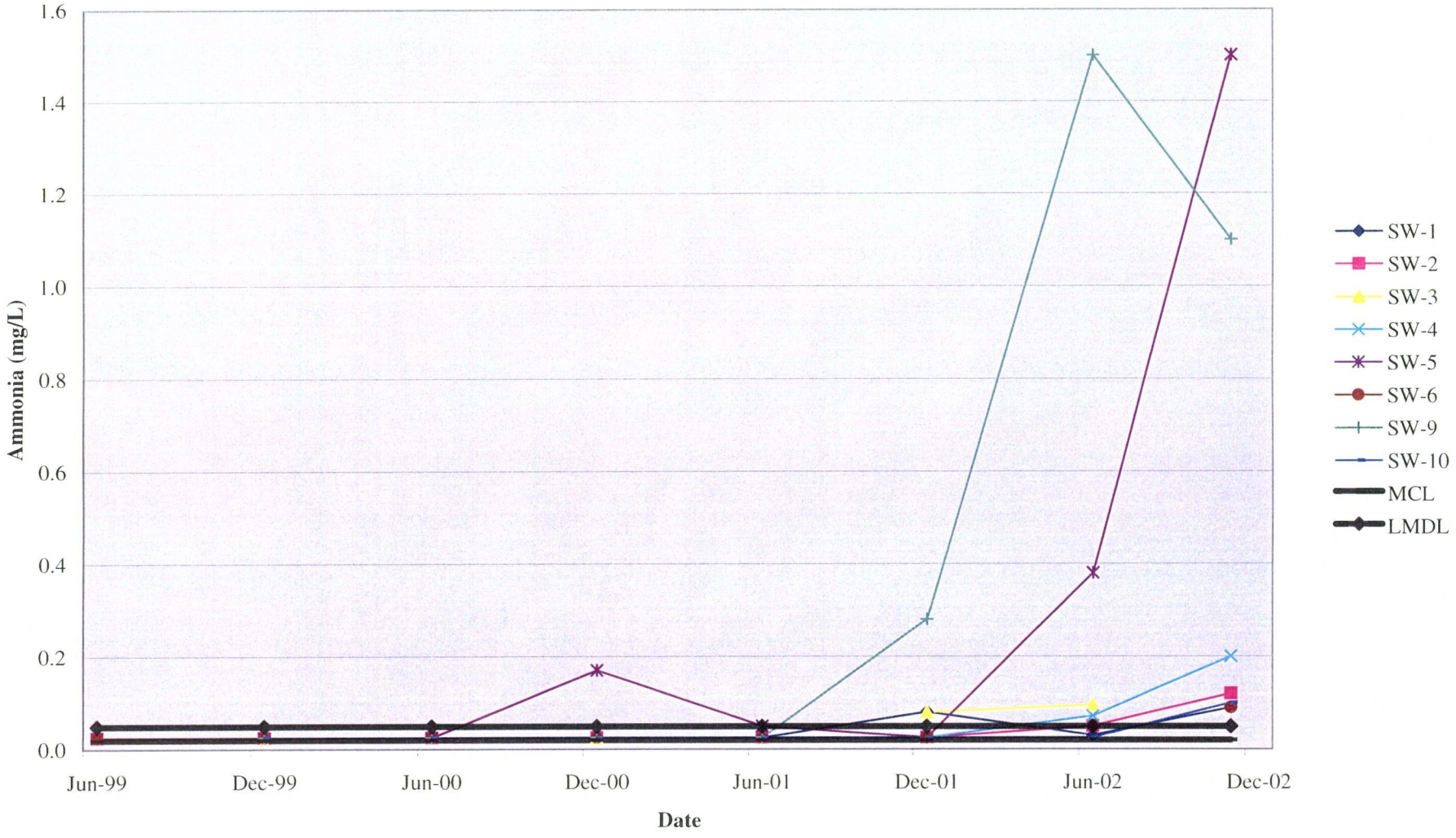


Tomoka Farms Road Landfill, Volusia County, Florida



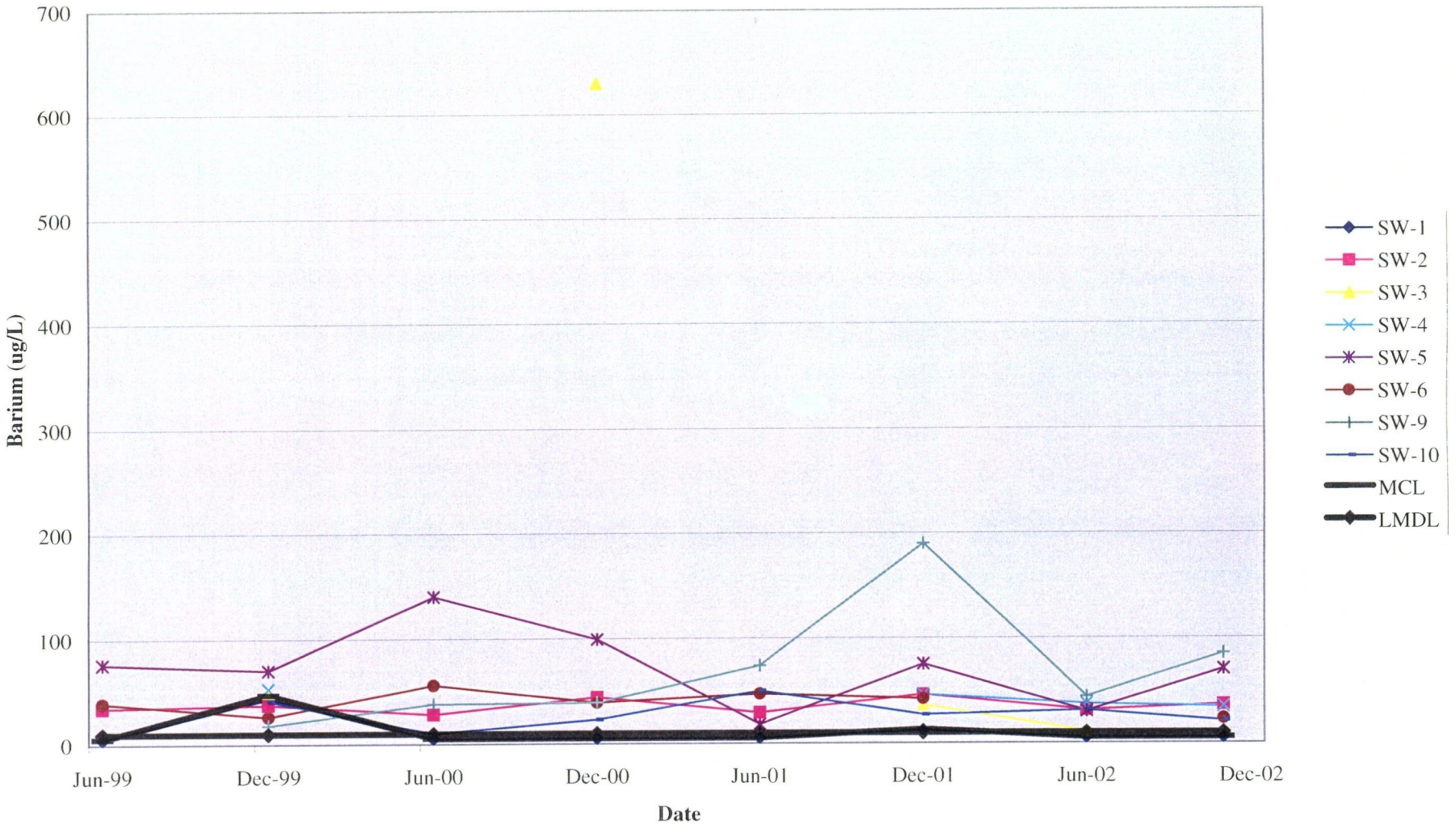
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Ammonia



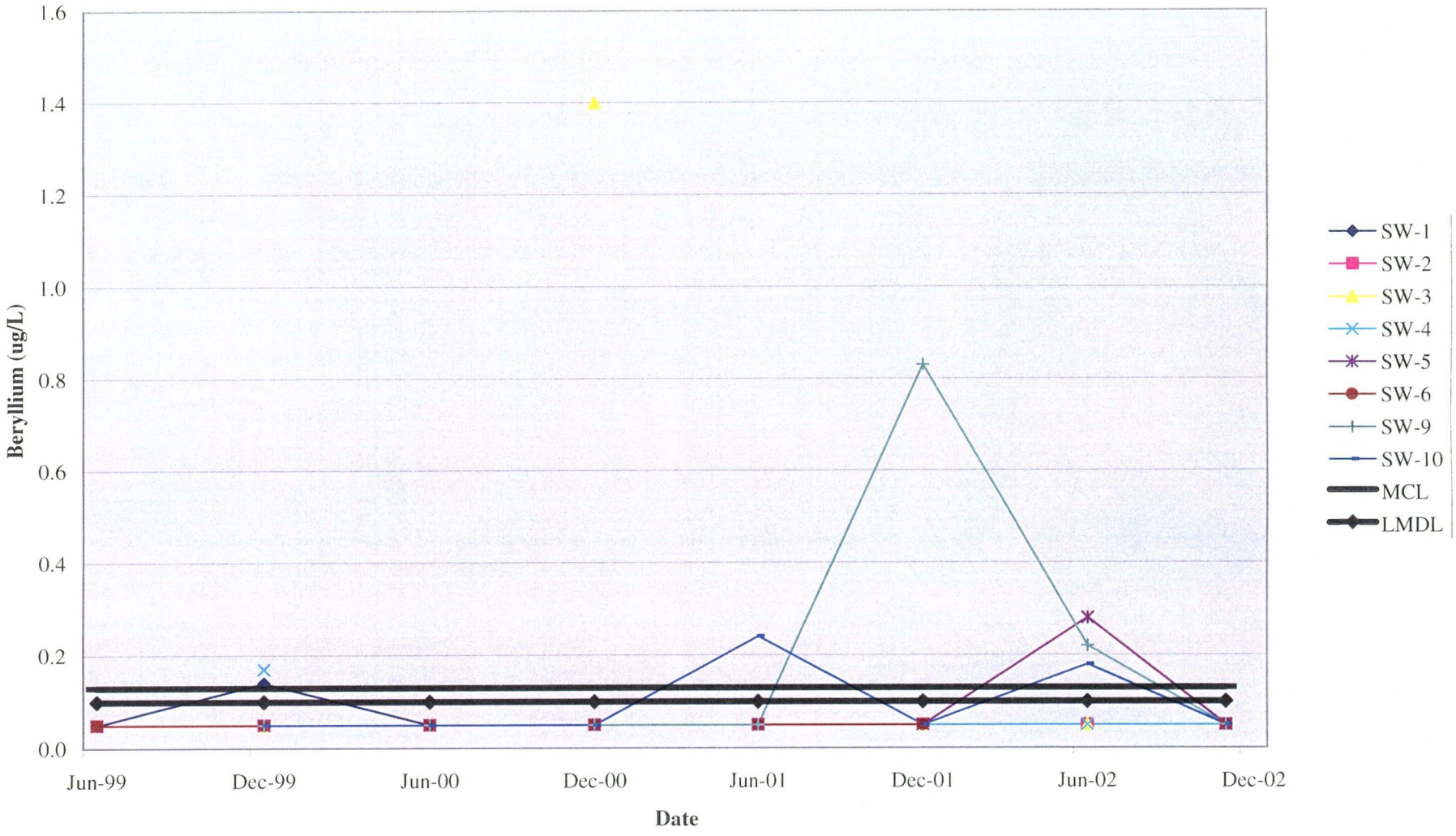
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Barium



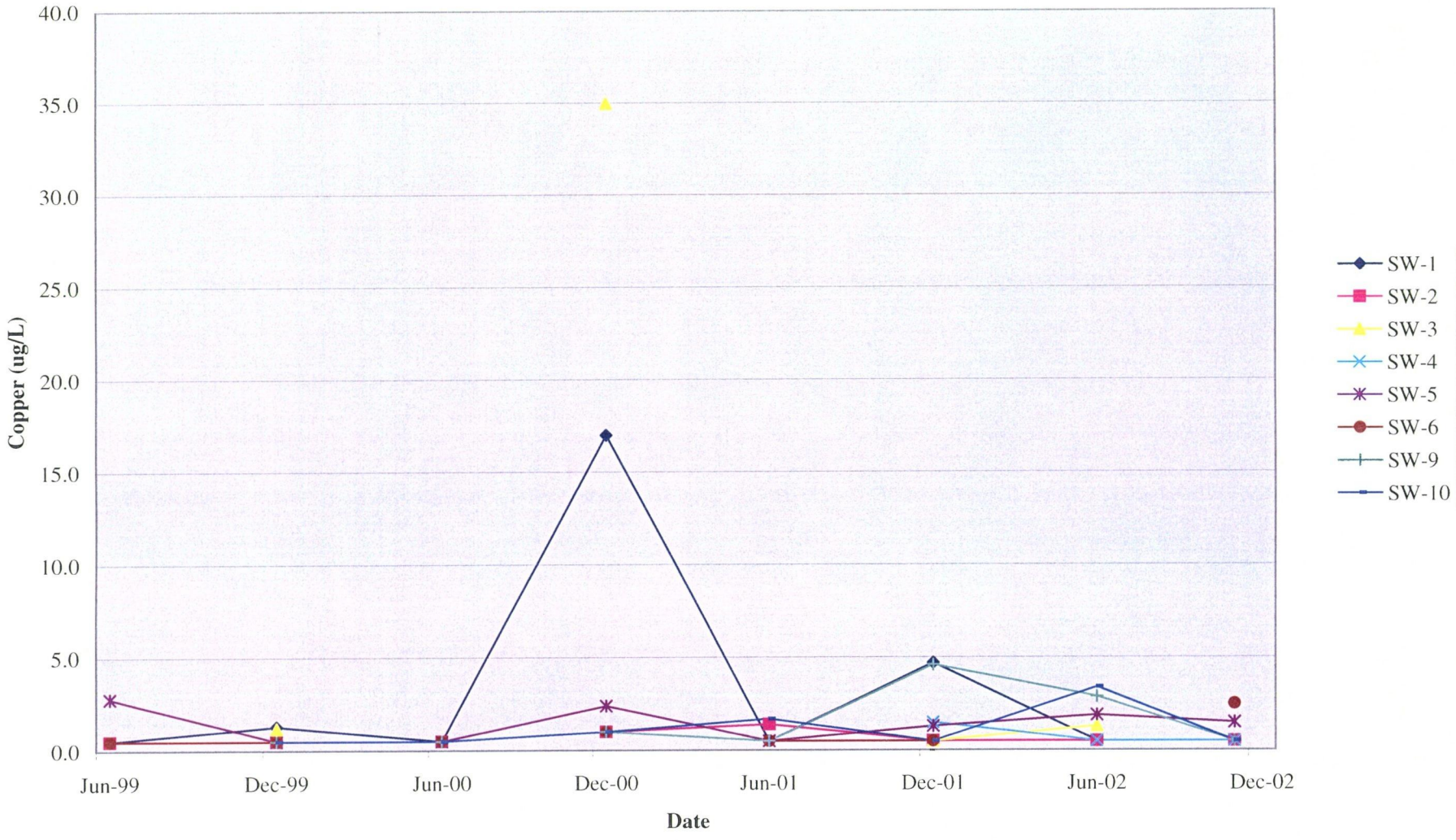
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Beryllium



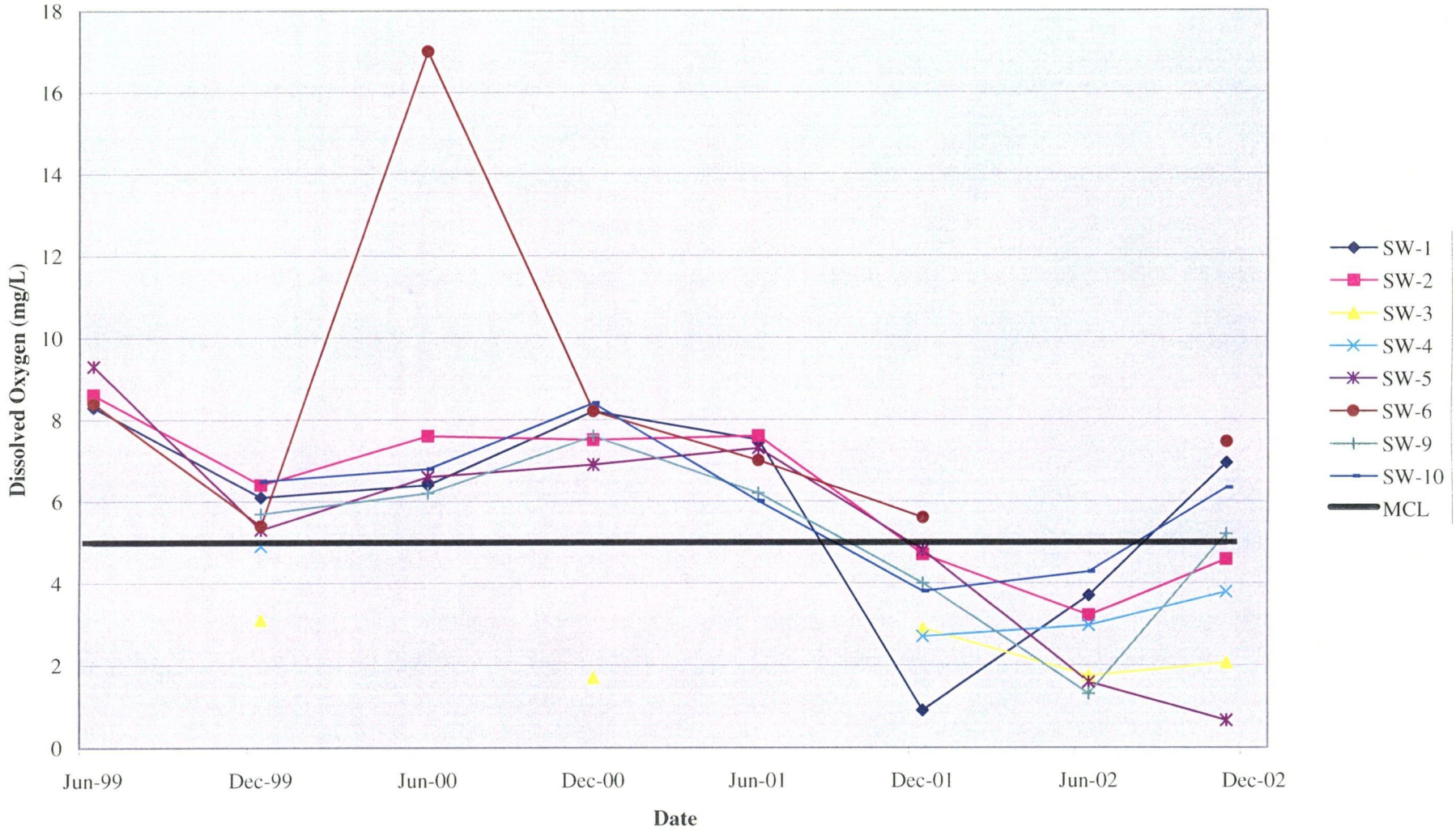
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Copper



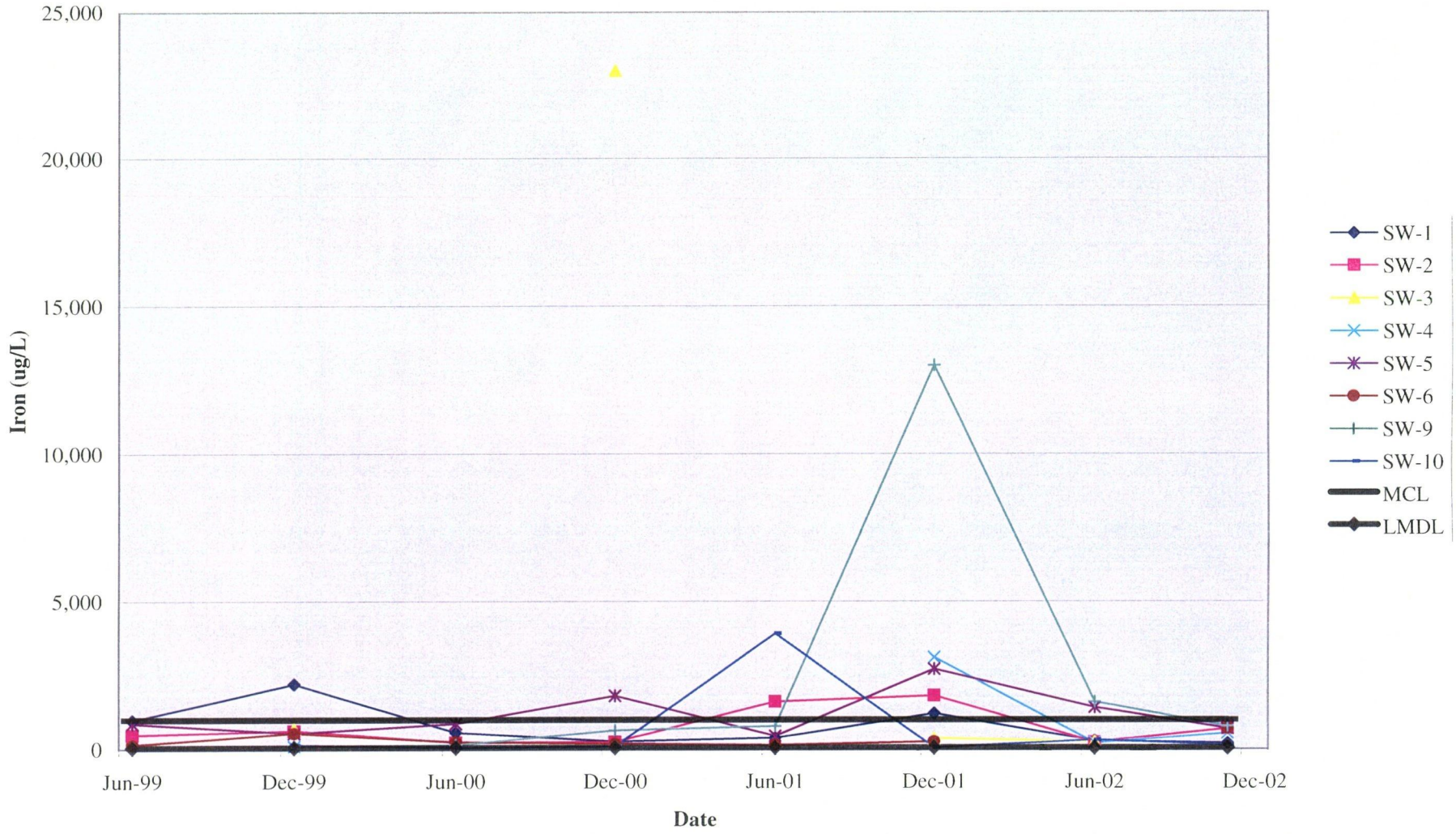
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Dissolved Oxygen



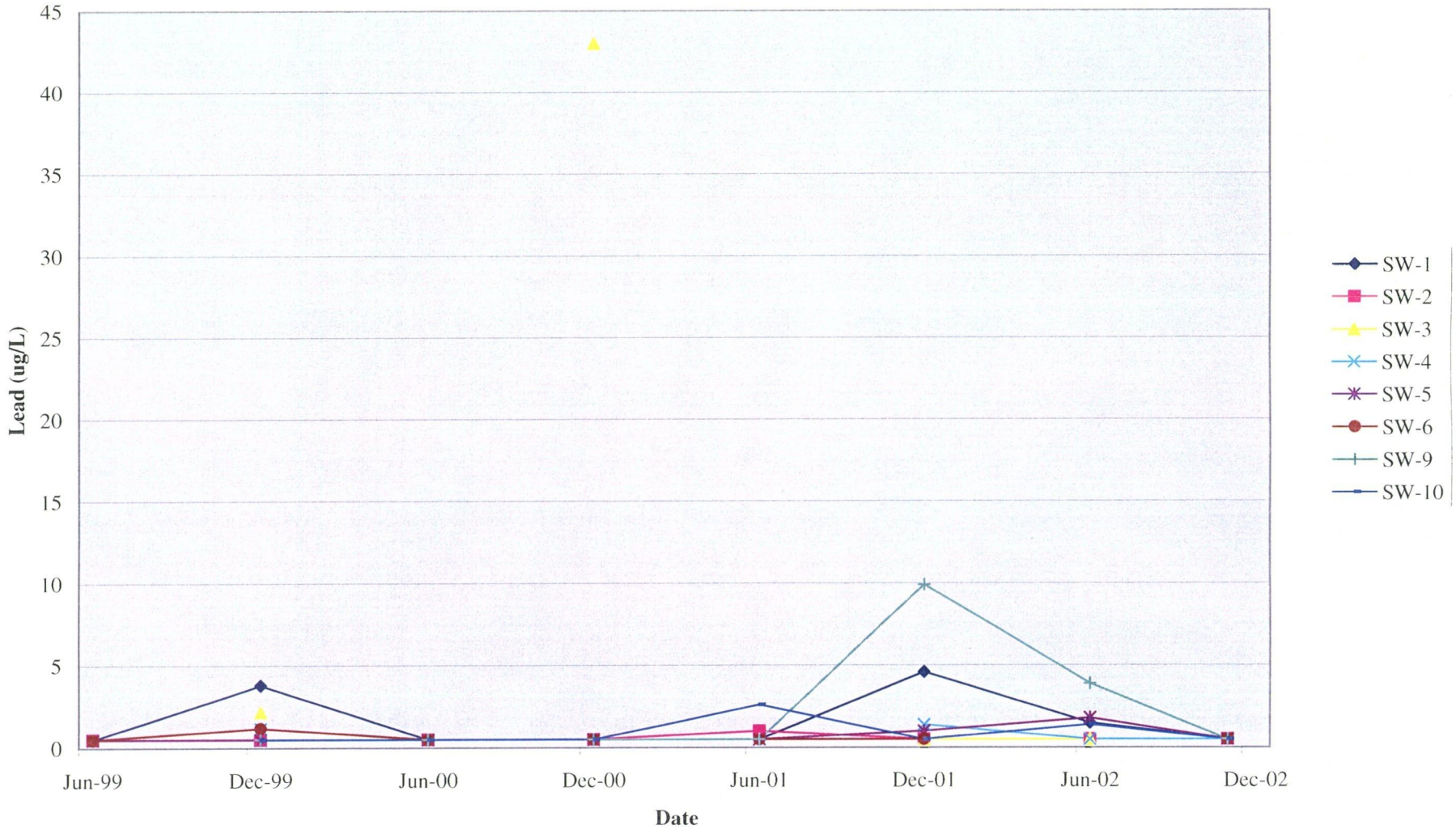
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Iron



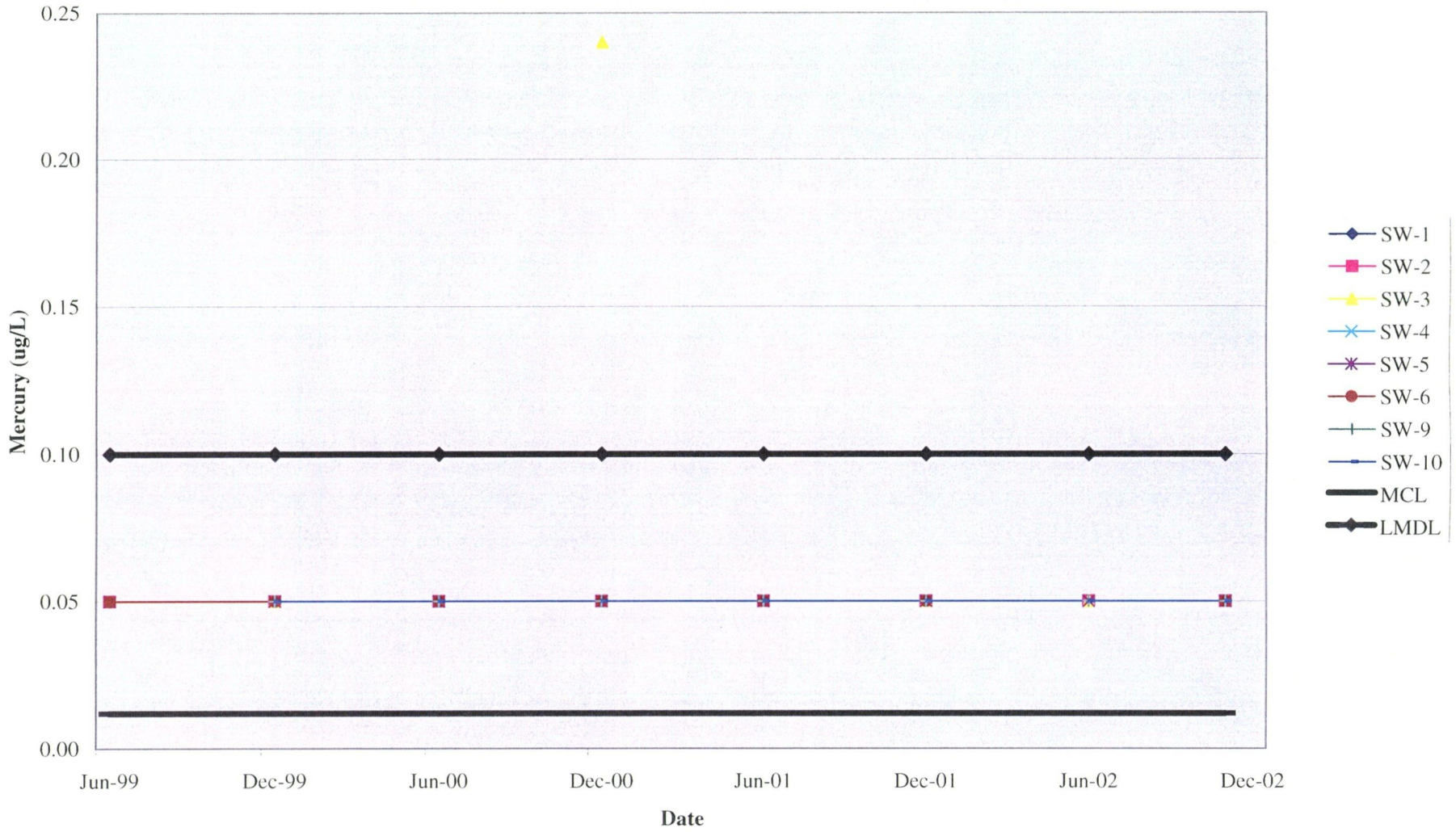
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Lead

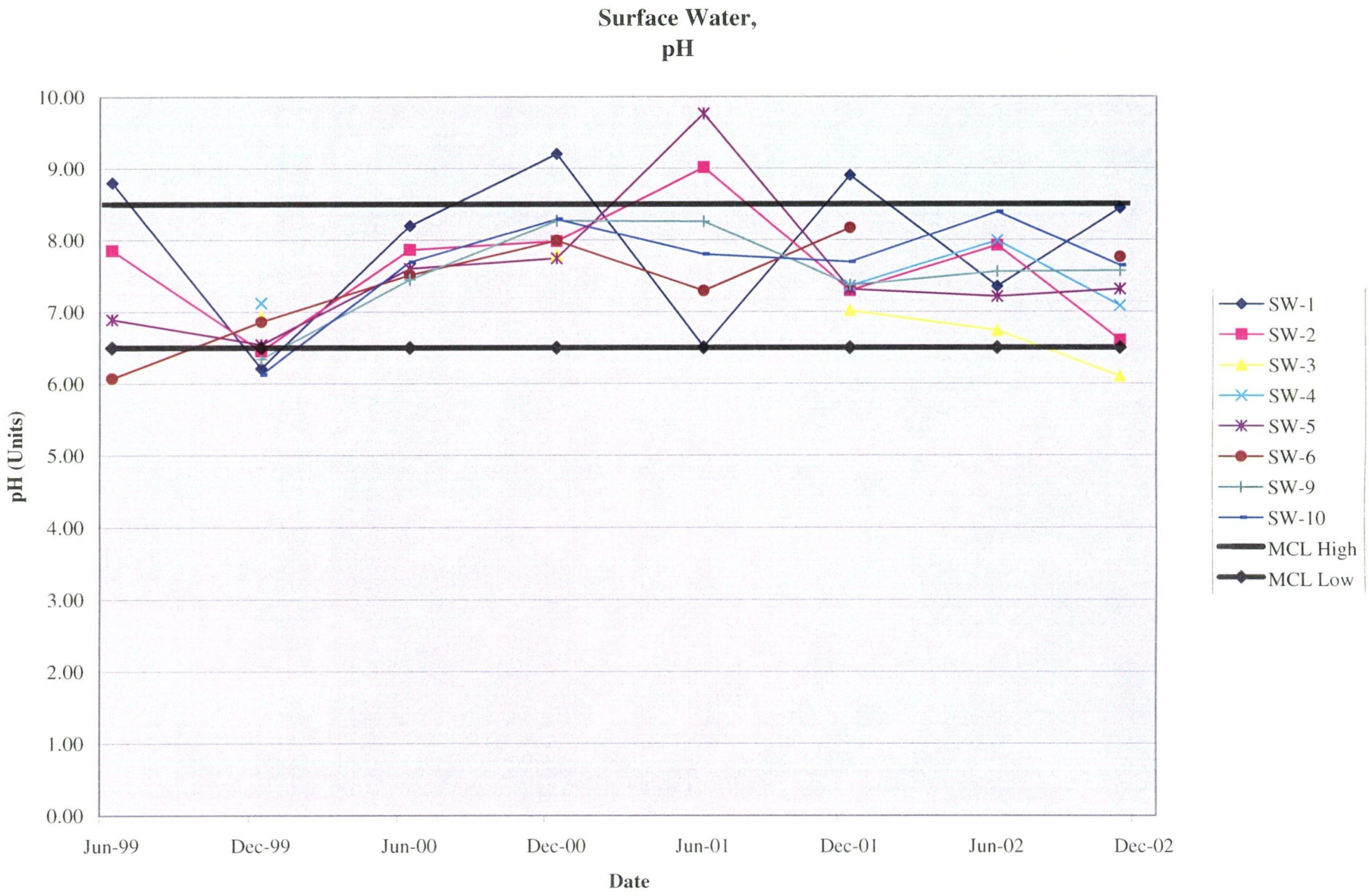


Tomoka Farms Road Landfill, Volusia County, Florida

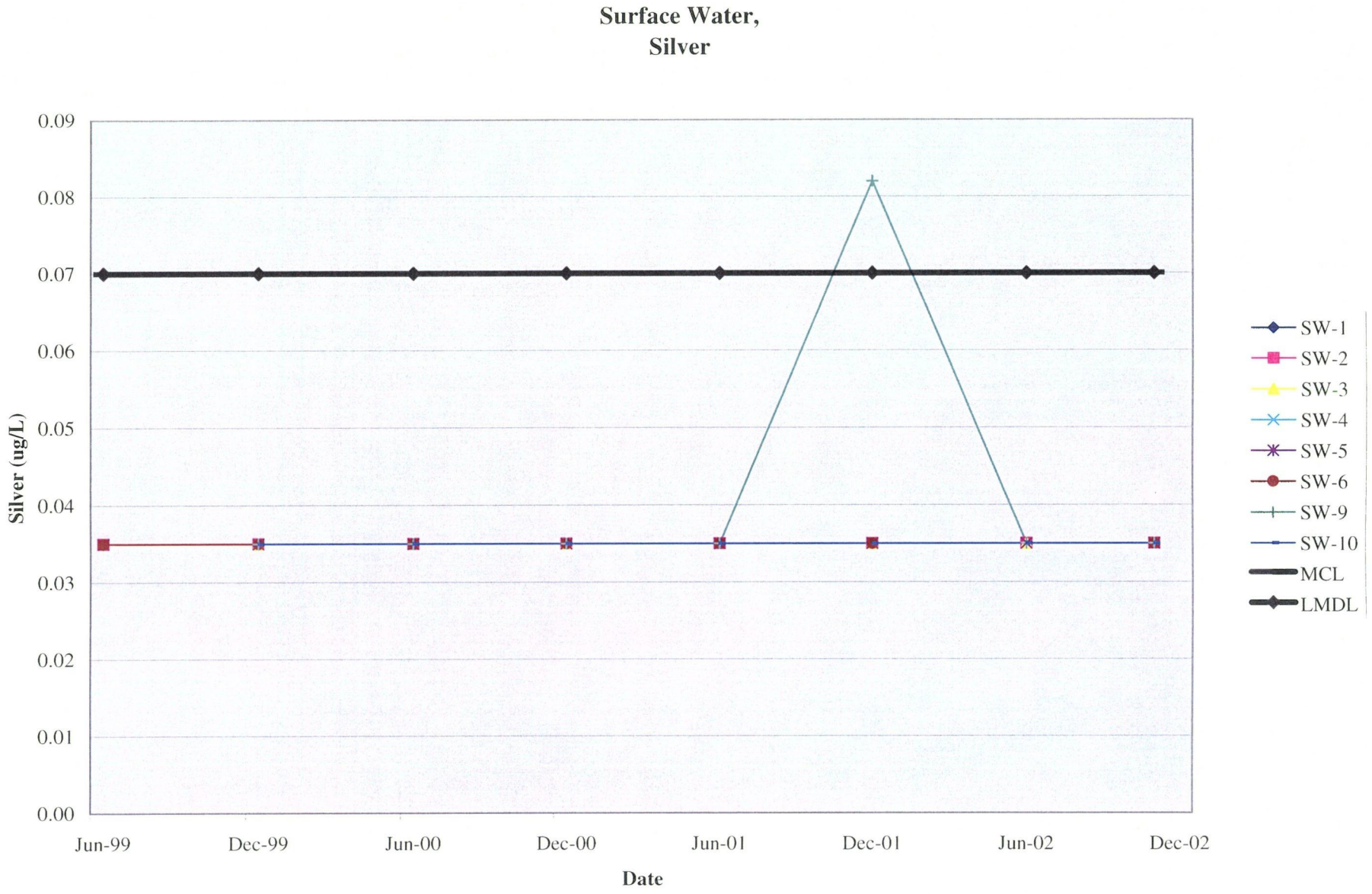
Surface Water, Mercury



Tomoka Farms Road Landfill, Volusia County, Florida

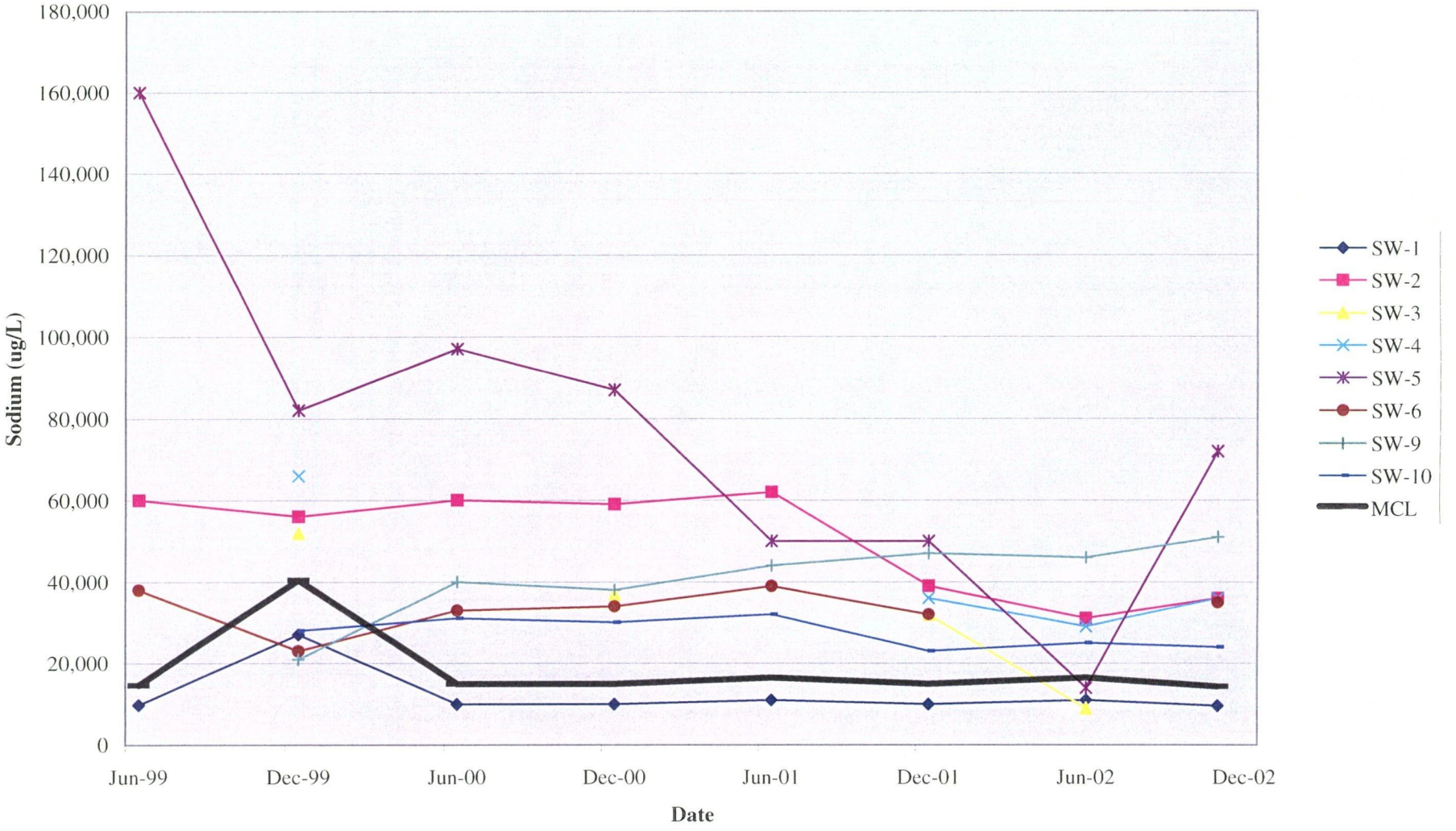


Tomoka Farms Road Landfill, Volusia County, Florida



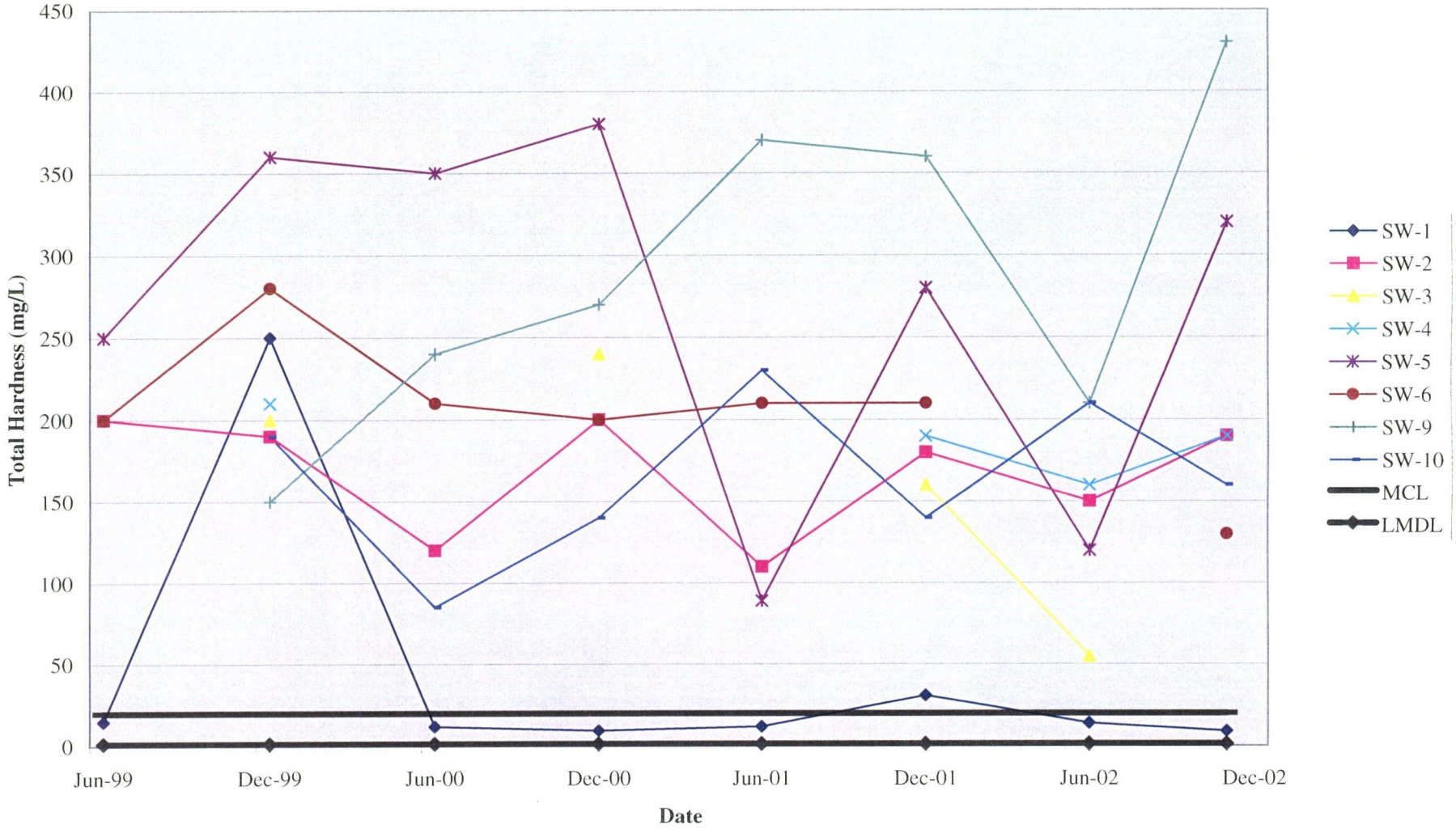
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Sodium



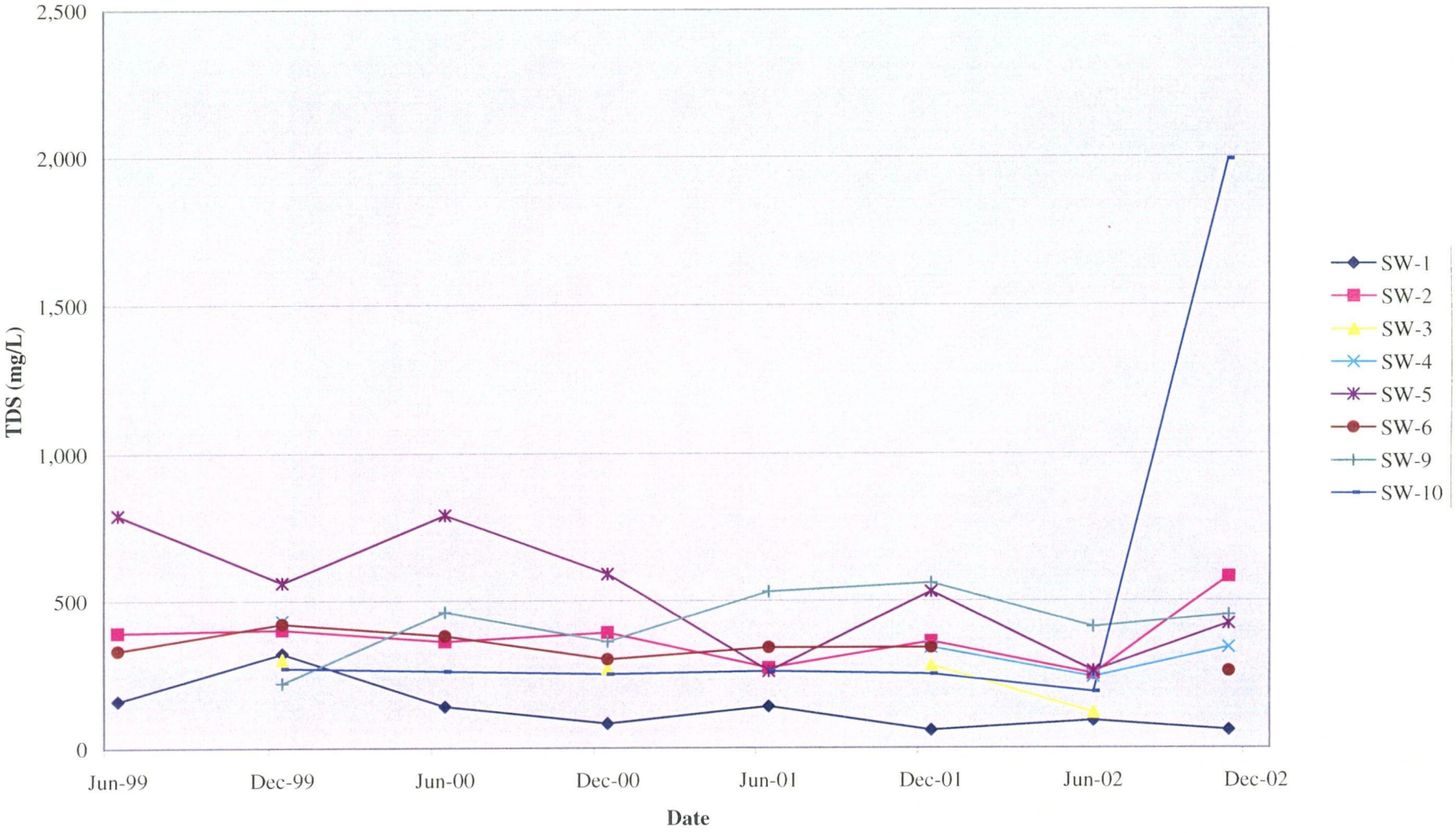
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Total Hardness



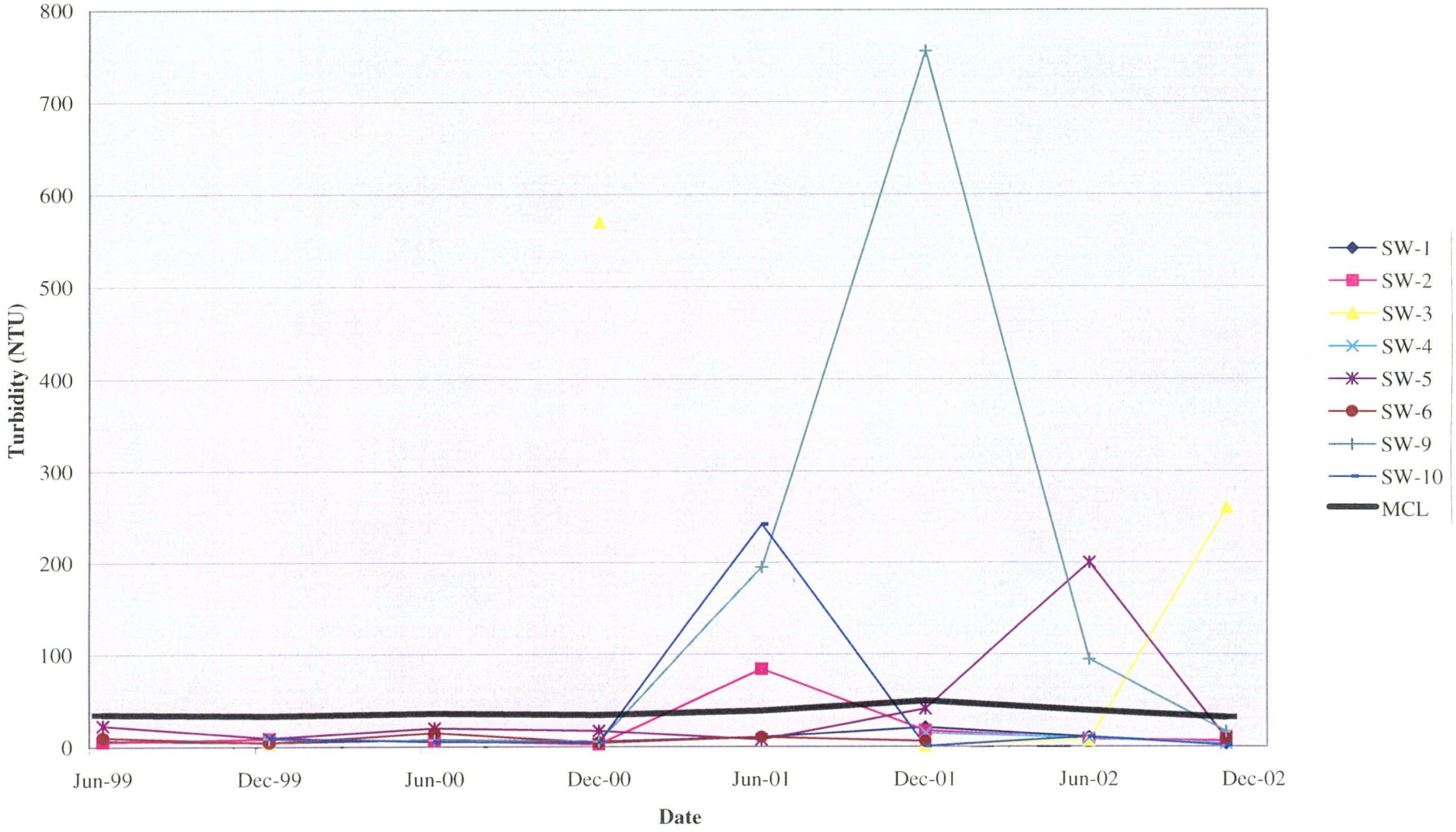
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, TDS



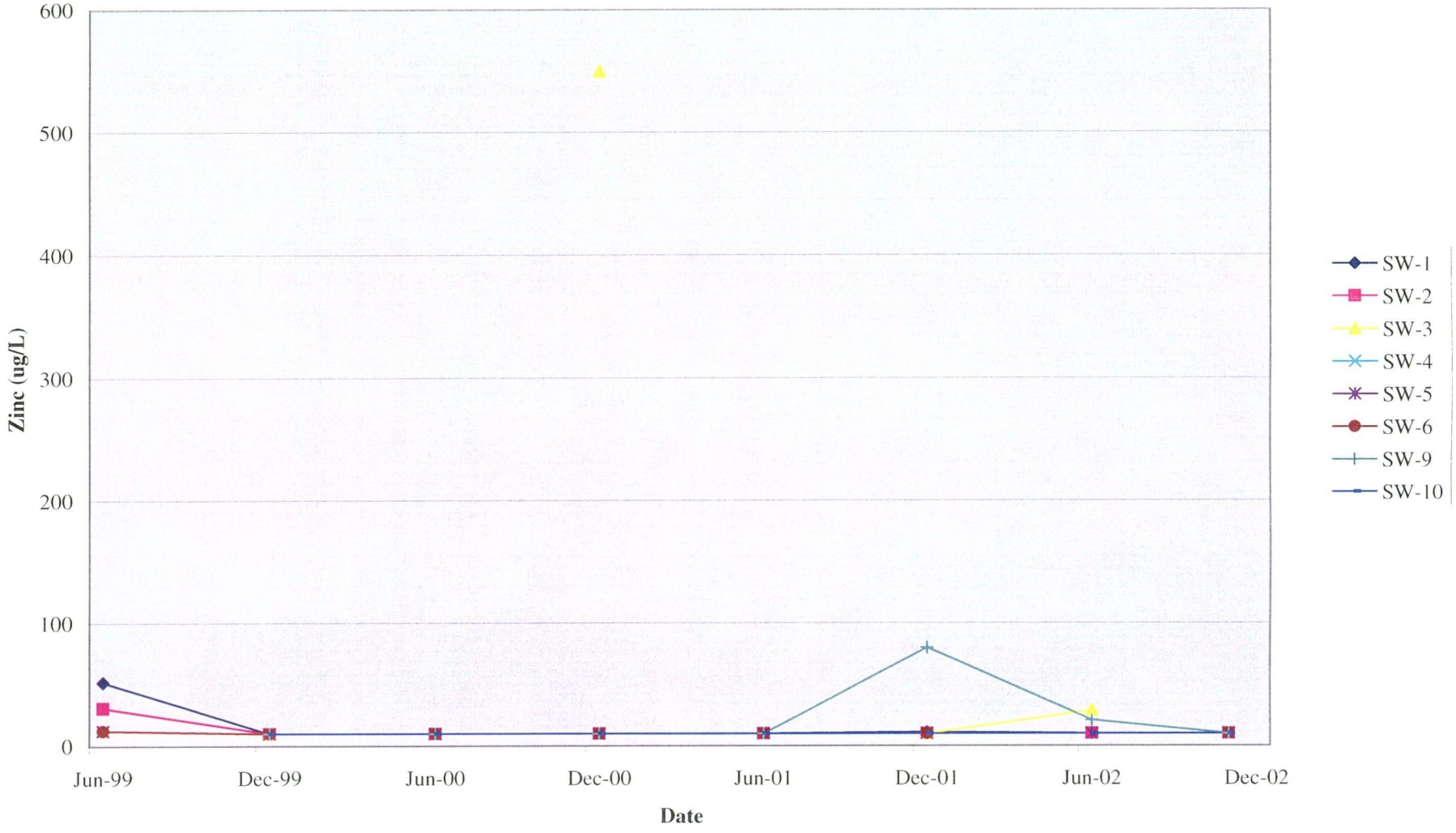
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Turbidity



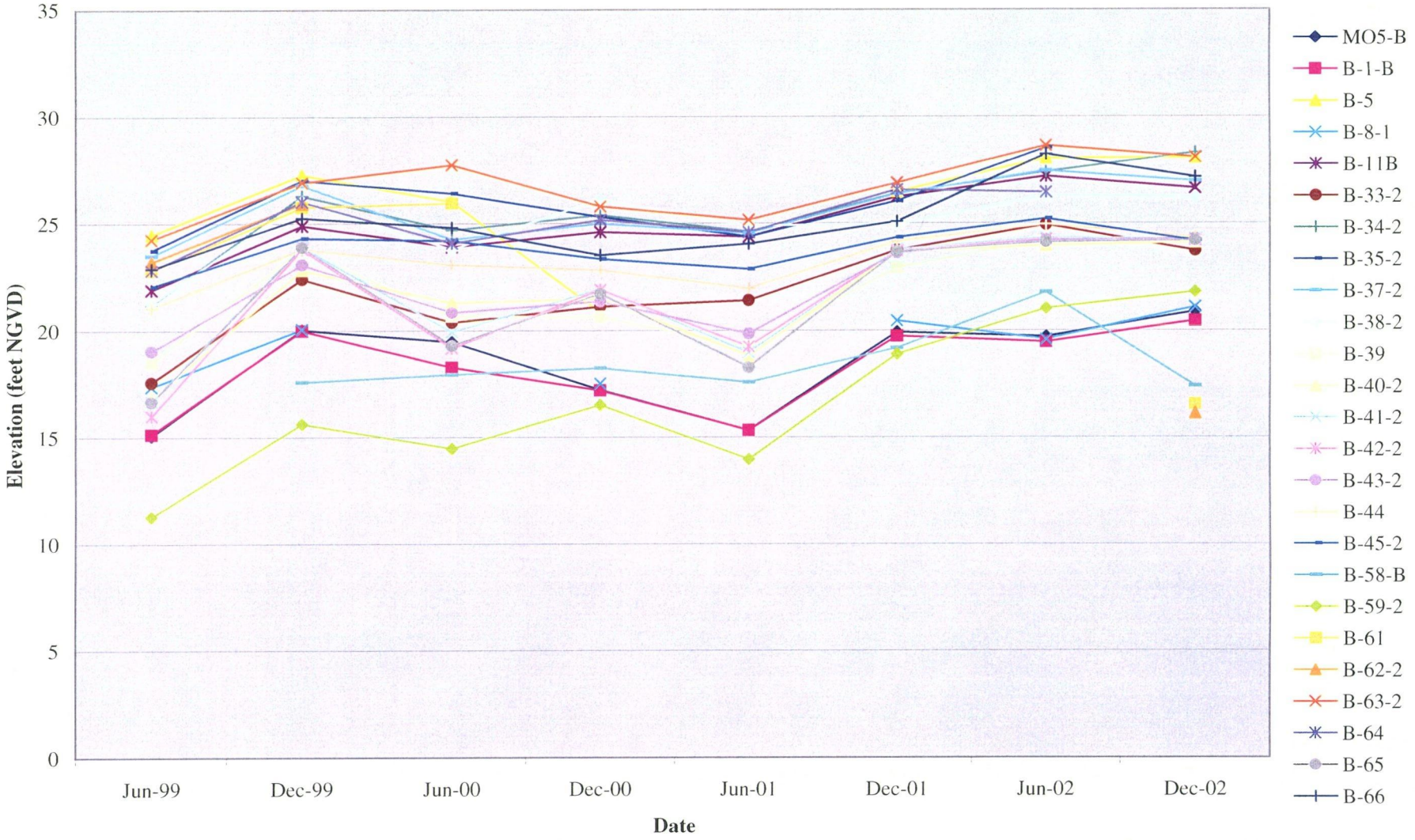
Tomoka Farms Road Landfill, Volusia County, Florida

Surface Water, Zinc



Tomoka Farms Road Landfill, Volusia County, Florida

Zone 1-2 Hydrograph



Tomoka Farms Road Landfill, Volusia County, Florida

Zone 4 Hydrograph