Volusia County
FLORIDA

Public Works Department
Solid Waste Division

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DEP Central Dist.

February 9, 2009

ENV-09-114

Mr. F. Thomas Lubozynski
Waste Administrator
Florida Department of Environmental Protection
Central District Office
3319 Maguire Boulevard Suite 232
Orlando, FL 32803

Re: 2009 Biennial Water Quality Report
Volusia County's Tomoka Farms Road Landfill
Permit No. SO64-0078767

Dear Mr. Lubozynski:

Enclosed please find one hard copy and one compact disc copy of the 2009 Biennial Water Quality Report for Volusia County's Tomoka Farms Road Landfill, as prepared by SCS Engineers.

If you have any comments or questions regarding this matter please contact me at (386)947-2952 or jstirk@co.volusia.fl.us.

Sincerely,

Jennifer R. Stirk
Environmental Specialist III

Enclosure: 2009 Biennial Water Quality Report

CC: Chet Purves, Construction Manager
Lee Powell, SCS Engineers
file

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SCS ENGINEERS

Tomoka Farms Road Landfill Biennial Water Quality Monitoring Report 2009

Presented to:

Volusia County

Division of Solid Waste Management
3151 East New York Avenue
DeLand, FL 32724

Prepared by:

SCS ENGINEERS
501 N. Grandview Ave.
Suite 400
Daytona Beach, Florida 32118
(386) 238-7770

February 3, 2009
File No. 09208007.01

Offices Nationwide
www.scsengineers.com

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1 INTRODUCTION

SCS Engineers (SCS) prepared this biennial water quality monitoring report for the Tomoka Farms Road Landfill (site) on behalf of Volusia County (County) located in Volusia County, Florida in accordance with Florida Department of Environmental Protection (FDEP) Permit No. SF64-0078767-020 and Chapter 62-701.510(9)(b) Florida Administrative Code (FAC). This biennial report a summary of the data from monitoring events performed at the site from April 2007 through November 2008 (biennial reporting period) including the following sampling dates:

- April 2007
- November 2007
- April 2008
- November 2008

The following lists the specific data and information included in this report.

- Tabular and graphical displays of all data that a detection of a monitoring parameter.
- Hydrographs for all permitted monitoring wells.
- Trend analyses of any monitoring parameters detected.
- A comparison of water quality results between background and downgradient sampling points, including linear or other trends where quality is being improved or degraded.
- A summary of all violations of applicable water quality standards.
- Groundwater potentiometric maps for each sampling event.
- Comparison among the upper and lower surficial aquifer zones.
- Correlation between related parameters such as total dissolved solids and specific conductance.
- Discussion of erratic and/or poorly correlated data.
- An interpretation of the groundwater contour maps, including an evaluation of groundwater flow rates.
- An evaluation of the adequacy of the water quality monitoring frequency and sampling locations based upon site conditions.

Water quality sampling and the laboratory analysis during the biennial reporting period were performed by Pace Analytical Services, Inc.

SITE BACKGROUND

The Tomoka Farms Landfill operates under the following FDEP permit numbers:

- The North Class I Landfill cell operates under FDEP permit no. SO64-0078767-023.
- The Class III Landfill cell operates under FDEP permit no. SO64-0078767-019.
- The closed South Class I cell is being monitored under closure permit no. SO64-0078767-020.

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." A site map is located as Figure 1 in Appendix A.

HYDROGEOLOGIC CONDITIONS

Groundwater elevations were measured prior to each of the groundwater sampling events during the biennial reporting period. The measurements were measured on the same day in accordance with Condition #7 of the MPIS and were measured from the top of the PVC casing prior to purging and sampling procedures. Groundwater contour maps for Zone 1-2 (upper surficial aquifer) and Zone 4 (lower surficial aquifer) at the site for each of the semi-annual sampling events performed during the biennial reporting period are presented as Figures 2 through 9 in Appendix A. The groundwater flows northeast across the site, consistent with historical flow directions. The groundwater and surface water elevations measured throughout the biennial reporting period are summarized in the tables in Appendix B.

Hydrographs depicting the groundwater elevations within each well for each sampling event over the monitoring period were generated and presented in Appendix C. Consistent with previous data, the groundwater level calculations indicated higher groundwater table elevations in the fall monitoring events and lower groundwater table elevations in the spring monitoring events. Also, the April 2007 sampling event had exceptionally low water levels compared to the remaining sampling events during the biennial reporting period.

Groundwater Flow Rate

The velocity of groundwater in the upper and lower surficial aquifers beneath the site was calculated using a form of Darcy's law[1], $V = k(dh/dl)/\theta$, where:

- V is the average velocity of groundwater (ft/day).
- k is the aquifer horizontal hydraulic conductivity (ft/day) – Table 1 values
- dh/dl is the aquifer hydraulic gradient (ft/ft) – 0.0013 ft/ft
- θ is the effective porosity of the aquifer (unitless) – 0.2

Groundwater velocities along typical gradients are shown on Figures 2 through 9 in Appendix A are considered representative of groundwater flow. Hydraulic gradients were calculated using the difference between the groundwater elevation in well B11 and the groundwater elevation in

[1] Lohman, S. W., "Ground-Water Hydraulics." Geological Survey Professional Paper 708, 1972, pp.10-11.

well B-74 across the North cell, between well B34-2 and B62-2 across the south cell, and well B35-2 and B42-2 across the Class III Landfill for each sampling event during the biennial reporting period. Hydraulic conductivity values utilized were obtained from David N. Gomberg, Ph.D.'s, July 16, 2001, Tomoka Landfill: Biennial Evaluation of Monitoring Results. Finally, the effective porosity of the aquifer material is estimated to be 0.25. A summary of the estimates used and the groundwater velocity calculations performed is shown in the table in Appendix B.

The velocity values vary across the north, south and Class III Landfill in Zones 1-2 and Zone 4. The estimated velocity across each of the landfill cells are detailed in Appendix B. The groundwater velocity at the site is estimated to be an average of 1.84 feet per year (ft/yr) across the site in Zone 1-2 and is estimated to be an average of 3.82 ft/yr in Zone 4 across the site.

2 WATER MONITORING PROGRAM

The water monitoring program consists of semi-annual groundwater and surface water and annual leachate monitoring. The following sections provide a summary of the current monitoring program for each media.

GROUNDWATER MONITORING PROGRAM

The groundwater compliance monitoring network for the site includes the 54 monitoring wells outlined in Attachment A of the MPIS. The field and laboratory groundwater parameters required to be monitored for are outlined in Attachment D of the MPIS. The monitoring well locations are shown on Figure 1 in Appendix A.

During the biennial reporting period well B8-1was dry during the April 2007 sampling event and the area surrounding wells B35-1, B35-2, B38-1, and B38-2 was flooded and these wells were not sampled. All other groundwater samples were collected and analyzed for the permitted field and laboratory parameters.

SURFACE WATER MONITORING PROGRAM

The surface water compliance monitoring network for the site includes the 7 surface water samples outlined in Attachment A of the MPIS. The surface water locations are shown on Figure 1 in Appendix A. The field and laboratory surface water parameters required to be monitored for are outlined in Attachment E of the MPIS.

During the April 2007 sampling event, surface water locations SW-3 and SW-4 were dry and not sampled. All other surface water samples were collected and analyzed for the permitted field and laboratory parameters.

LEACHATE MONITORING PROGRAM

Leachate is monitored through the collection of a leachate sample (L-1) from the North Leachate Pond shown on Figure 1 in Appendix A. Leachate is sampled annually for the parameters listed in Attachment F of the MPIS.

The leachate was collected and analyzed for the permitted parameters during the April sampling events. During the next biennial reporting period, the County will begin collecting the leachate sample during the Fall (November) sampling event as stipulated by the MPIS.

3 WATER QUALITY SUMMARY

Below is a summary of the groundwater, surface water, and leachate quality during the biennial reporting period. The discussion below identifies the regulatory exceedances and identified trends in the analytical data.

GROUNDWATER QUALITY

Water quality data for the groundwater parameters monitored during this reporting period were evaluated in accordance with Chapter 62-701.510. Selected data tables and graphs are presented to support the evaluation of the adequacy of the water quality monitoring frequency and sampling locations. The data tables and graphs display the data in a manner that differentiates between the upper, lower, and intermediate surficial aquifers and the Floridan aquifer.

The tables in Appendix B summarizes water quality detections and exceedances for all parameters detected during the biennial reporting period. Exceedances are concentrations in excess of primary or secondary drinking water standards (PDWS and SDWS) listed in Chapter 62-550, FAC or the Groundwater Cleanup Target Levels (GCTLs) listed in Chapter 62-777, FAC.

Graphs of water quality data and water quality trends for selected parameters detected at the site during the past four years are included in Appendix D. The following section discusses exceedances and includes related trends, where appropriate.

Inorganic Exceedances and Trends

Metals with concentrations in excess of applicable PDWS, SDWS, and/or GCTLs for at least one sampling event during the biennial reporting period include:

- Ammonia
- Arsenic
- Chloride
- Iron
- pH
- Sodium
- Sulfate
- Total Dissolved Solids (TDS)

These exceedances are discussed below. Other inorganic parameters did not exceed their respective regulatory standard.

Ammonia

Ammonia was consistently detected above the GCTL of 2.8 mg/l in Zone 1-2 monitoring well B61R and B62-2R and Zone 4 monitoring wells B1-B, B41-1, and B62-1R. Ammonia was also

periodically detected above the GCTL in Zone 1-2 monitoring well B64 in November 2007 and November 2008 sampling events and in Zone 4 monitoring wells B-2 in November 2008, B-8 in November 2007, and B43-1 in all sampling events except for November 2007. Ammonia was not detected above the GCTL in the Floridan monitoring wells.

Ammonia appears to trend upwards in Zone 4 background well B-2 and Zone 4 compliance well B41-1. No ammonia concentrations appear to be trending upwards in Zone 1-2. Several downward trends are apparent in Zone 1-2 including wells B40-2, B41-2, B42-2, B59-2R, B61R, and B75. No trends are apparent in Zone 6 or the Floridan aquifers for ammonia.

Arsenic

Arsenic was detected above the PDWS of 10 µg/l during the last three semi-annual sampling events (November 2007, April 2008, and November 2008) Zone 1-2 monitoring wells B33-2 and B73-2 and in well B-75 during the April 2007 sampling event. Arsenic was also detected in November 2008 in the Floridan well FA-2C just above the PDWS. Arsenic was not detected above the PDWS in the Zone 4 monitoring wells.

Arsenic concentrations appears to trend upward in the Zone 1-2 and Zone 4 background wells in this biennial reporting period as compared to the previous biennial reporting period; however, concentrations in these wells continue to be below the PDWS and did not see a trend throughout this biennial reporting period. Arsenic appears to be trending upwards in the majority of the Zone 1-2, Zone 4, and FA-2C in the Floridan aquifer. No arsenic trend is apparent in Zone 6.

Chloride

Chloride was detected above SDWS of 250 mg/l in Zone 1-2 monitoring wells B33-2 (consistently) and B45-2 (April 2007 and November 2008). Chloride was also detected above the SDWS in Zone 4 well B62-1R during the 2007 sampling events. Chloride was not detected above the SDWS in the Floridan monitoring wells.

Chloride concentrations appear to trend upward in Zone 4 monitoring well M05-B, although concentrations continue to be below the SDWS. Apparent downward trends for chloride concentrations include background well B34-2 and compliance wells B33-2, B63-2 and B65 in Zone 1-2 and compliance wells B43-1,B45-1, and B62-1R in Zone 4. Well B62-1R has been below the SDWS for chloride throughout 2008. No chloride trends are apparent in Zone 6 or the Floridan aquifer.

Iron

Iron was consistently detected above the SDWS of 300 µg/l in the Surficial (Zone 1-2 and Zone 4) monitoring wells and in monitoring wells FA-1B and F-MB in the Floridan aquifer. Floridan aquifer well FA-2C exceeded the SDWS in April 2008 only.

Iron concentrations appear to trend upwards in background Zone 4 monitoring wells B2 and B34-1 and compliance wells B41-1 and B44 and Zone 6 monitoring well B8-1. Downward

trends are apparent in compliance and detection wells B637-2, B71, and B64 in Zone 1-2 and well B45-1 in Zone 4.

pH

The pH measurements consistently have been outside (below) the SDWS range of 6.5-8.5 in the majority of Zone 1-2 and Zone 4 surficial monitoring wells, typical in the surficial aquifer in Florida. All Floridan wells were within the pH range during this biennial reporting period.

There are few apparent trends in pH measurements observed during the reporting period. Apparent upward trends towards the 6.5 lower pH range include Zone 1-2 wells B39 and B41-2 and Zone 4 well B42-1. Apparent downward trends away from the 6.5 lower pH range include Zone 4 wells B34-1, B35-1 and B63-1. A downward trend for pH in Floridan well FA-2C, historically above the SDWS of 8.5, is apparent. Well FA-2C is now within the SDWS range.

Sodium

Sodium was consistently detected above the SDWS of 160 mg/l in Zone 1-2 in monitoring well B33-2 and in Zone 4 in monitoring wells B37-1, B-45-1, and B62-1R. Zone 4 monitoring well B41-1 exceeded the sodium SDWS throughout 2007 and April 2008. Sodium was not detected above the SDWS in the Floridan monitoring wells.

Sodium concentrations appear to trend upwards in Zone 1-2 well B45-2 and Zone 4 wells B41-1 and M05-B. Apparent downward trends are observed in Zone 1-2 well B61R, Zone 4 well B45-1, and Floridan well FA-2C. No trend is apparent in Zone 6 well, B8-1.

Sulfate

Sulfate was detected above the SDWS of 250 mg/l in Zone 1-2 monitoring wells B41-2, B42-2, and B-65 during the April 2007 sampling event and well B61-R in the November 2007 sampling event. Sulfate was consistently detected above the SDWS in Zone 4 monitoring wells B42-1 and B-2. Sulfate was not detected above the SDWS in the Floridan monitoring wells.

Sulfate concentrations appear to trend upwards in Zone 4 monitoring wells B2 and B70-1. Downward trends are observed at Zone 1-2 monitoring well B59-2R and Zone 4 monitoring well B60. No apparent trends for sulfate are observed in Zone 6 or the Floridan aquifer.

TDS

TDS was consistently detected above the SDWS of 500 mg/l in Zone 1-2 monitoring wells B33-2, B34-2, B41-2, B59-2R, B61-R, B62-2R and B64. Zone 1-2 wells that detected periodic SDWS exceedances include wells B42-2, B43-2, and B65 in April 2007, well B74 in November 2007, well B45-2 in April 2007 and November2008, and well B75 in all sampling events except November 2007. TDS was consistently detected above the SDWS in Zone 4 wells B1-B, B2, B5, B36, B37, B41-1, B42-1, and B45-1. Zone 4 wells that detected periodic SDWS exceedances include wells B34-1 in April 2007 and November 2008 and well B43-1 in April 2007. TDS was not detected above the SDWS in the Floridan monitoring wells.

TDS concentrations appear to trend upwards in Zone 1-2 monitoring well B71, Zone 4 monitoring wells B2 and B41-1, and Zone 6 monitoring well B8-1. Downward trends are observed at Zone 1-2 monitoring wells B43-2, B61R, and B64 and Zone 4 monitoring wells B34-1 and B45-1. No trends for TDS are apparent in the Floridan aquifer.

Organic Parameters Exceedances and Trends

Organic parameters with concentrations in excess of applicable PDWS, SDWS, and/or GCTLs for at least one sampling event during the biennial reporting period include:

- Benzene
- Vinyl Chloride

These exceedances are discussed below. Other organic parameters did not exceed their respective regulatory standard.

Benzene

Benzene was detected above the PDWS of 1.0 µg/l in Zone 1-2 monitoring wells B37-2 and B45-2 during the April 2007 sampling event and was consistently detected above the PDWS in Zone 4 monitoring wells B37-1, B41-1, B43-1, and B45-1. Zone 4 background monitoring well B36 exceeded the PDWS throughout 2007 and during the spring of 2008. Benzene was not detected in the Floridan monitoring wells.

Benzene concentrations appear to trend upwards in Zone 4 monitoring well B45-1. Downward trends are observed at Zone 4 background monitoring well B36 and compliance well B43-1. No trends for benzene are apparent in Zone 6 monitoring well B8-1 or the Floridan aquifer.

Vinyl Chloride

Vinyl chloride was detected above the PDWS of 1 µg/l in Zone 1-2 monitoring well B37-2 during the April 2008 and April 2008 sampling events and in Zone 4 monitoring well B-5 throughout the biennial reporting period except for the April 2007 sampling event. Vinyl Chloride was not detected above the PDWS in the Floridan monitoring wells.

Vinyl chloride concentrations appear to trend downwards in Zone 1-2 monitoring well B37-2 and Zone 4 monitoring well B36. No obvious upward trends are present. No trends for vinyl chloride are apparent in Zone 6 monitoring well B8-1 or the Floridan aquifer.

SURFACE WATER QUALITY

Water quality data for the surface water parameters monitored during this reporting period were evaluated in accordance with Chapter 62-701.510. Selected data tables and graphs are presented to support the evaluation of the adequacy of the surface water quality monitoring frequency and sampling locations.

The tables in Appendix B summarizes water quality detections and exceedances for all parameters detected in the surface waters during the biennial reporting period. Exceedances are concentrations in excess of the Freshwater Surface Cleanup Target Levels (GCTLs) listed in Chapter 62-777, FAC.

Graphs of water quality data and water quality trends for selected parameters detected at the site during the past four years are included in Appendix D. The following section discusses exceedances and includes related trends, where appropriate.

Copper

Copper was detected above the calculated surface water GCTL in surface water location SW-4 during the November 2008 sampling event. This appears to be an anomalous result at this location. Copper was not detected above the calculated GCTL at any other surface water locations during the biennial reporting period. No trends are apparent.

Dissolved Oxygen

Dissolved oxygen was detected below the surface water standard of >5.0 mg/L in surface water locations SW-3 during the November 2007 and November 2008 sampling events, SW-4 during the November 2008 sampling event, and SW-5 during the November 2007 sampling event.

A downward trend for dissolved oxygen is apparent at surface water location SW-4 and dissolved oxygen levels below 5 mg/L at SW-3 have historically been detected. Dissolved oxygen is a field measured parameter and subject to variability in field conditions.

Iron

Iron was detected above the surface water GCTL in surface water location SW-4 during the November 2007 and November 2008 sampling events. Iron concentrations at SW-4 have increased on order of magnitude between each sampling event during the biennial monitoring event, corresponding with increases in the turbidity levels.

pH

The pH measurements in the surface waters have been detected above and below the surface water standard range of 6.5-8.5 during the biennial reporting period. Surface water locations SW-1 and SW-3 were below the 6.5 pH range during the November 2008 and the April and November 2008 sampling events, respectively. Surface water locations SW-2 and SW-5 were above the 8.5 pH range during the April 2007 and the April 2007 and 2008 sampling events, respectively. The pH was measured within the pH range during all other sampling events.

There are no apparent trends in pH measurements observed during the reporting period. Additionally, pH is a field measured parameter and subject to variability in field conditions.

Turbidity

Turbidity was detected above the calculated surface water GCTL in surface water locations SW-4 during the November 2008 sampling event, SW-11 during the April and November 2007 sampling events, and SW-12 during the November 2007 sampling event. Turbidity is a field measured parameter and subject to variability in field conditions. A downward trend for turbidity at surface water location SW-11 is apparent.

LEACHATE QUALITY

Leachate water quality data is collected from one leachate monitoring location (L-1) at the site. The MPIS requires annual sampling of the leachate in November. During this biennial reporting period, leachate samples were collected in April. During the next biennial reporting period, the County will begin the annual collection of leachate in November as stipulated in the MPIS. A summary table of the leachate monitoring samples from the North Leachate Pond is included in the tables in Appendix B.

No constituents were detected in concentrations above toxicity concentrations listed 40 Code of Federal Regulations (CFR) Part 261.24, Table 1, during the biennial monitoring period.

TOTAL DISSOLVED SOLIDS/SPECIFIC CONDUCTANCE CORRELATION

A simple ratio was calculated to evaluate the correlation between TDS and specific conductance (SCond) data. The ratio between TDS and SCond may be evaluated using standard water/wastewater analysis methods to assess the accuracy of the laboratory methods. A generally acceptable correlation is a TDS to SCond ratio of 0.55 to 0.75[2]. A full range of ratios from 0.54 to 0.96 can be expected. Ratios outside this range may indicate that one or both measurements are suspect.

A summary of the TDS/SCond ratios for the biennial reporting period is presented on the tables in Appendix B. Overall, the majority of ratios lie within the expected range. Deviations may be due to analytical error or sampling procedures but are most likely due to differences in field sampling techniques and do not affect the quality of the reported analytical data.

[2] Hem, John D., "Study and Interpretation of Chemical Characteristics of Natural Water." USGS Water Supply Paper 2254, 1992, page 67.

4 ADEQUACY OF MONITORING PROGRAM

This section assesses the adequacy of the monitoring program to observe potential effects of the site's operations on groundwater and surface water.

MONITORING WELL LOCATIONS

The existing monitoring wells were located based on groundwater flow direction. Locations were selected to monitor hydraulically up-gradient/background groundwater and groundwater that appeared to be affected by the presence of the landfill. 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. The permitted spacing, the various aquifer units monitored, and the frequency of sampling appears to adequately detect concentrations of constituents in the surficial aquifer and Floridan aquifer on the downgradient, cross-gradient, and up-gradient sides of the landfill. The compliance monitoring protocol specified in the operating permit provides an appropriate monitoring program for the site at this time.

FREQUENCY

There have been no findings that indicate a need to modify the routine sampling frequency. Consequently, the County will maintain the current groundwater quality monitoring frequency.

MONITORING PARAMETERS

Current routine monitoring parameters include various volatile organic, metals, and inorganic constituents sampled in general accordance with the operating permit. There have been no findings that indicate a need to modify the routine parameter list. Consequently, the County will maintain the current groundwater quality monitoring parameters.

Appendix A

Figures

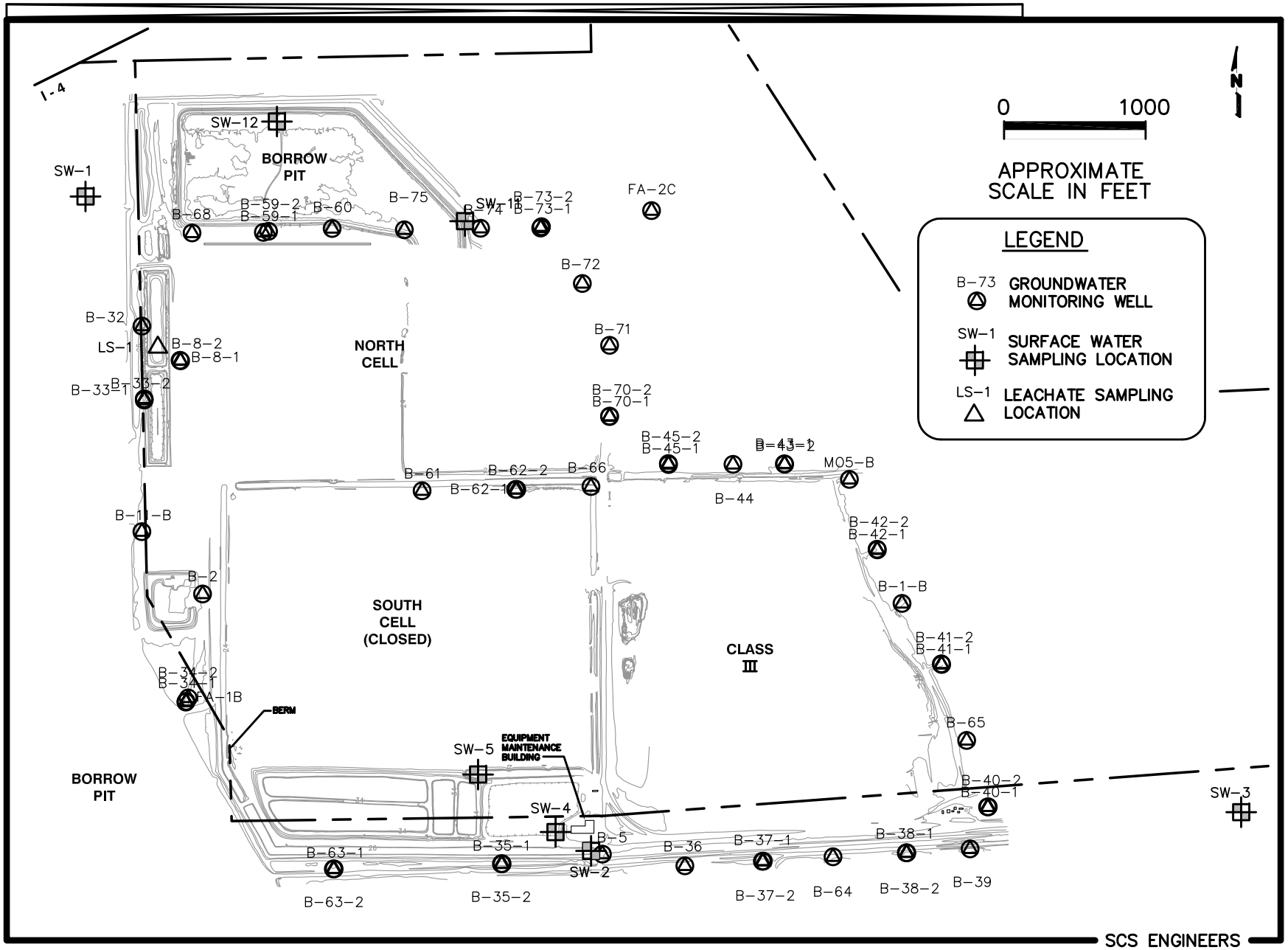

Figure 1. Site Map, Tomoka Farms Road Landfill

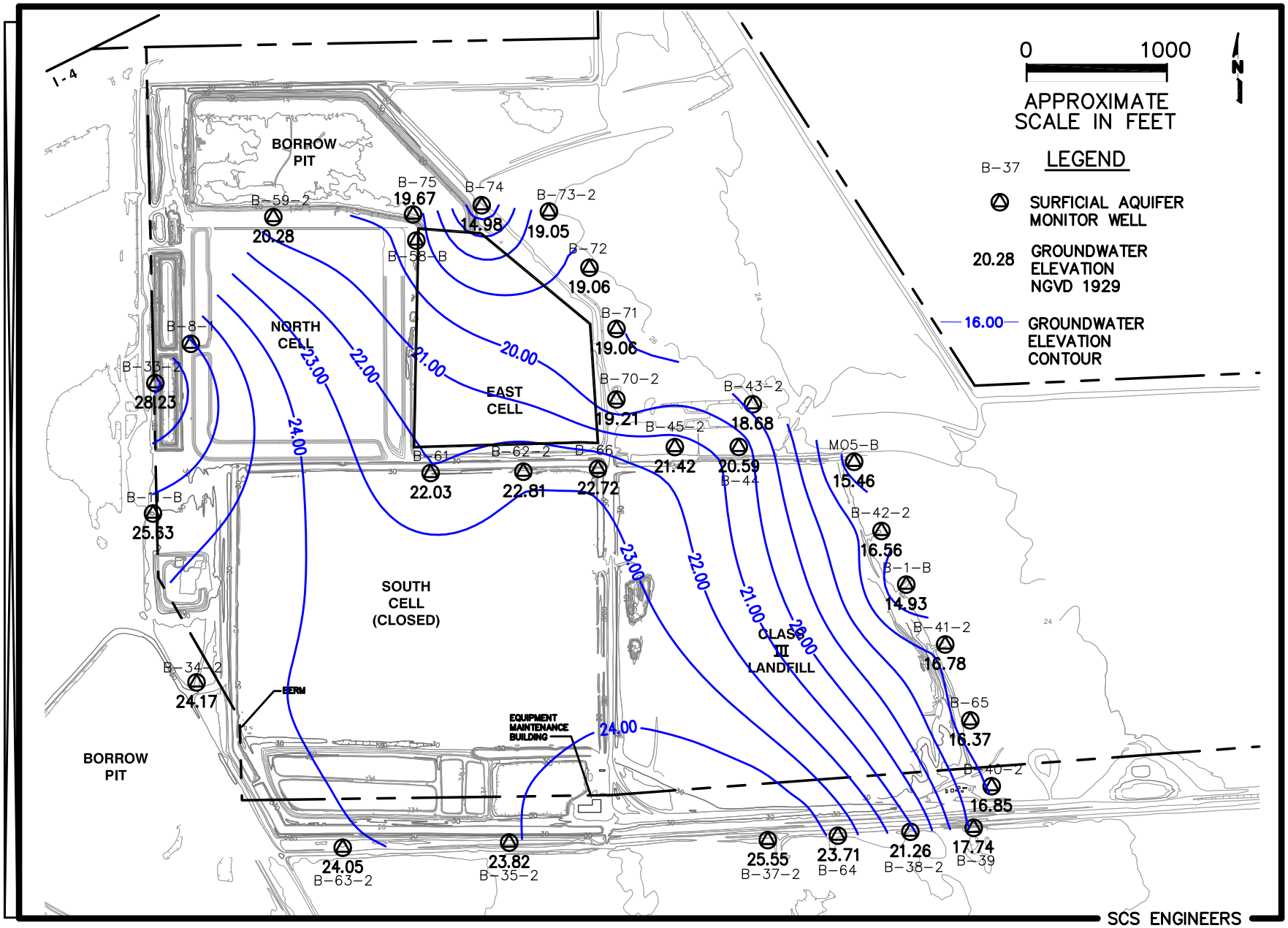

Figure 2. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, April 2007

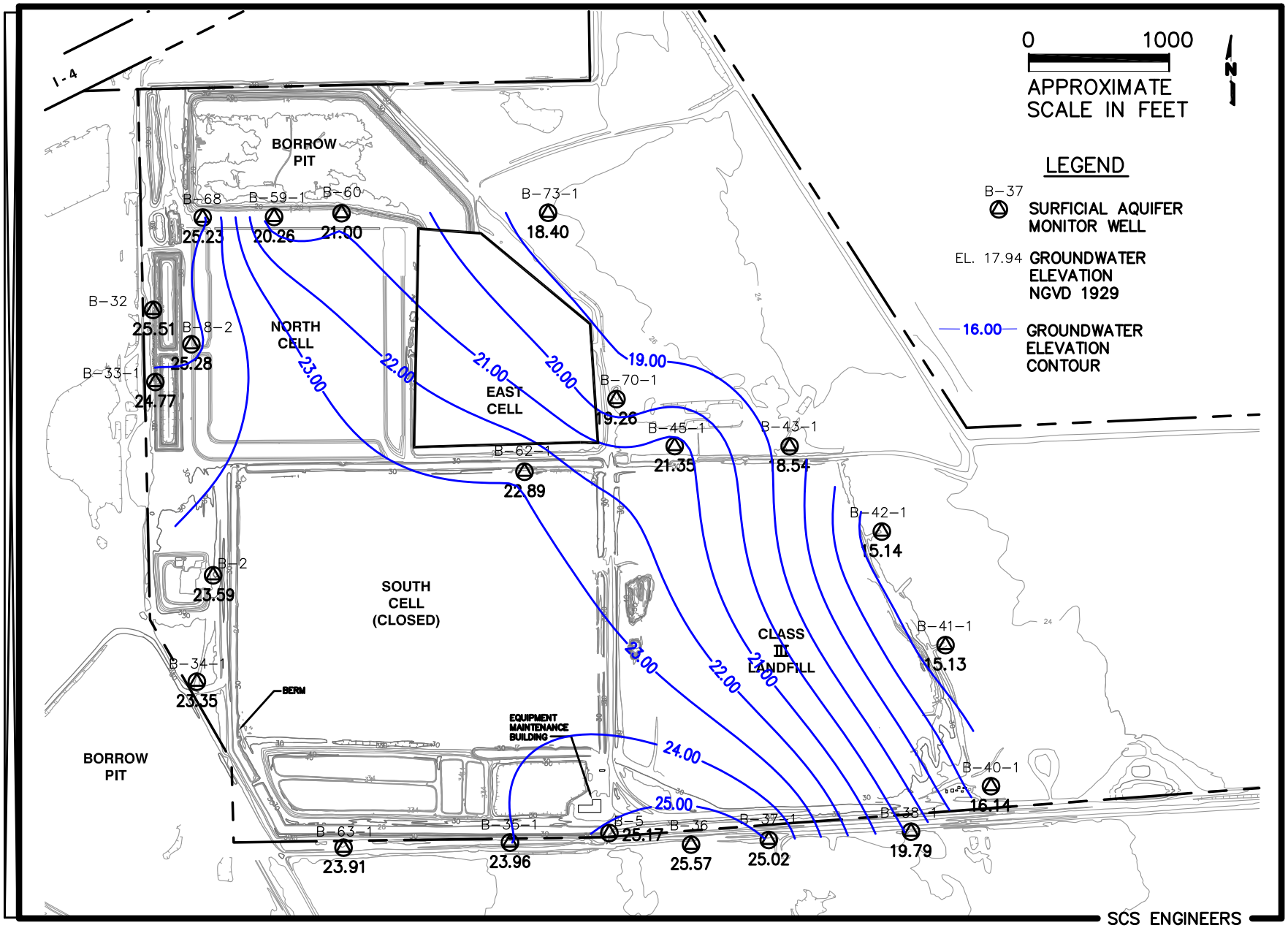

Figure 3. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, April 2007

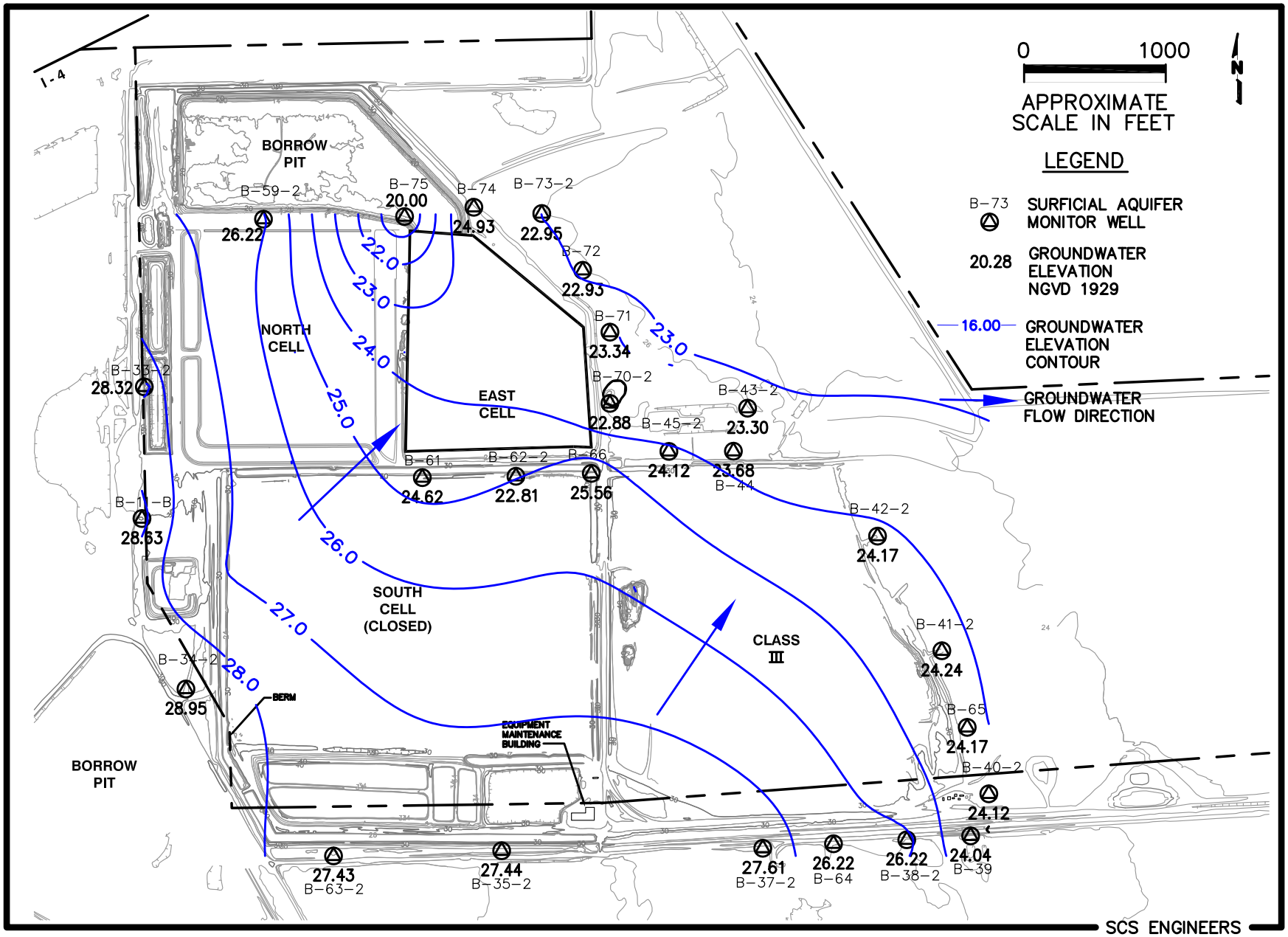

Figure 4. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, November 2007

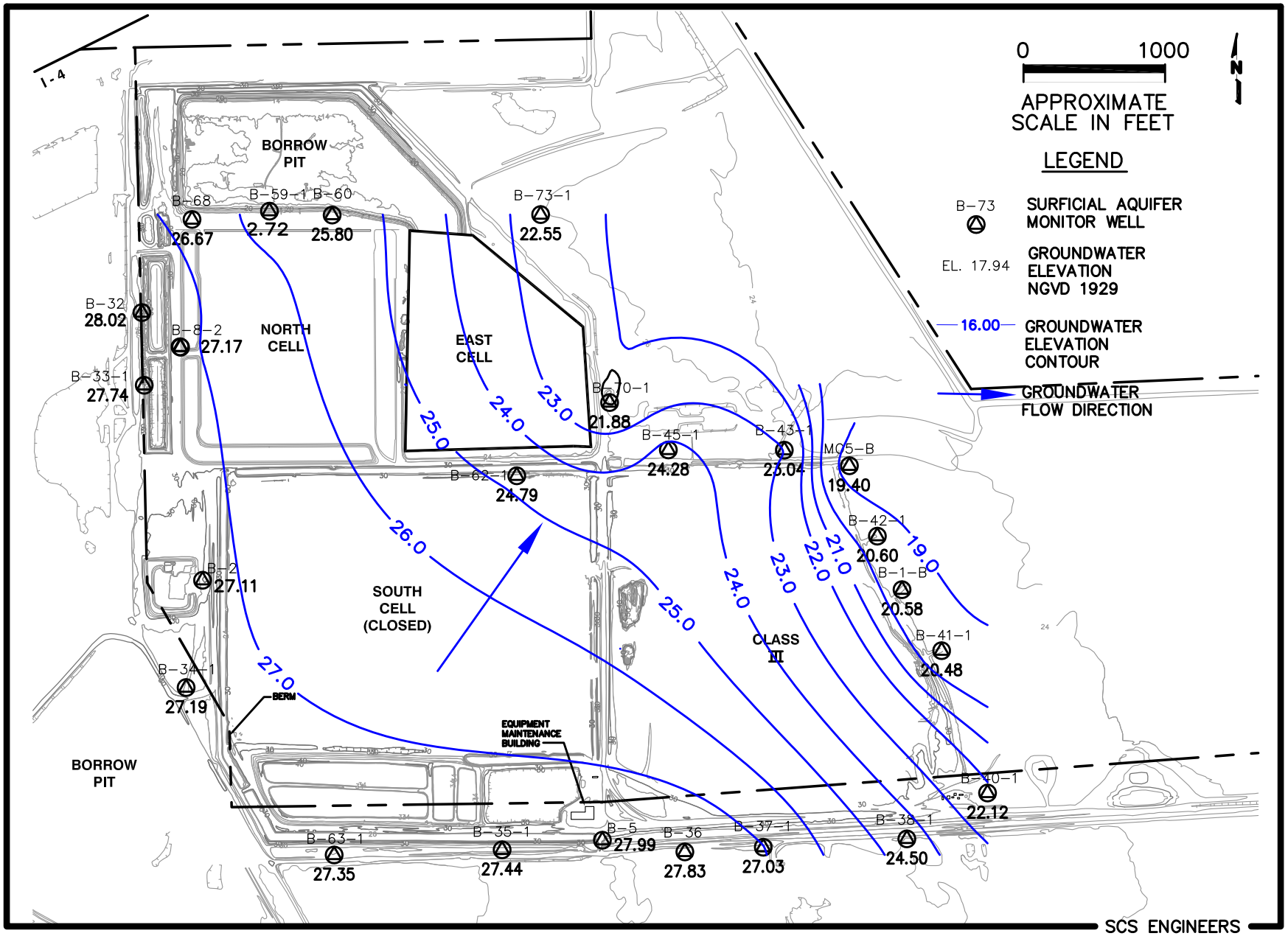

Figure 5. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, November 2007

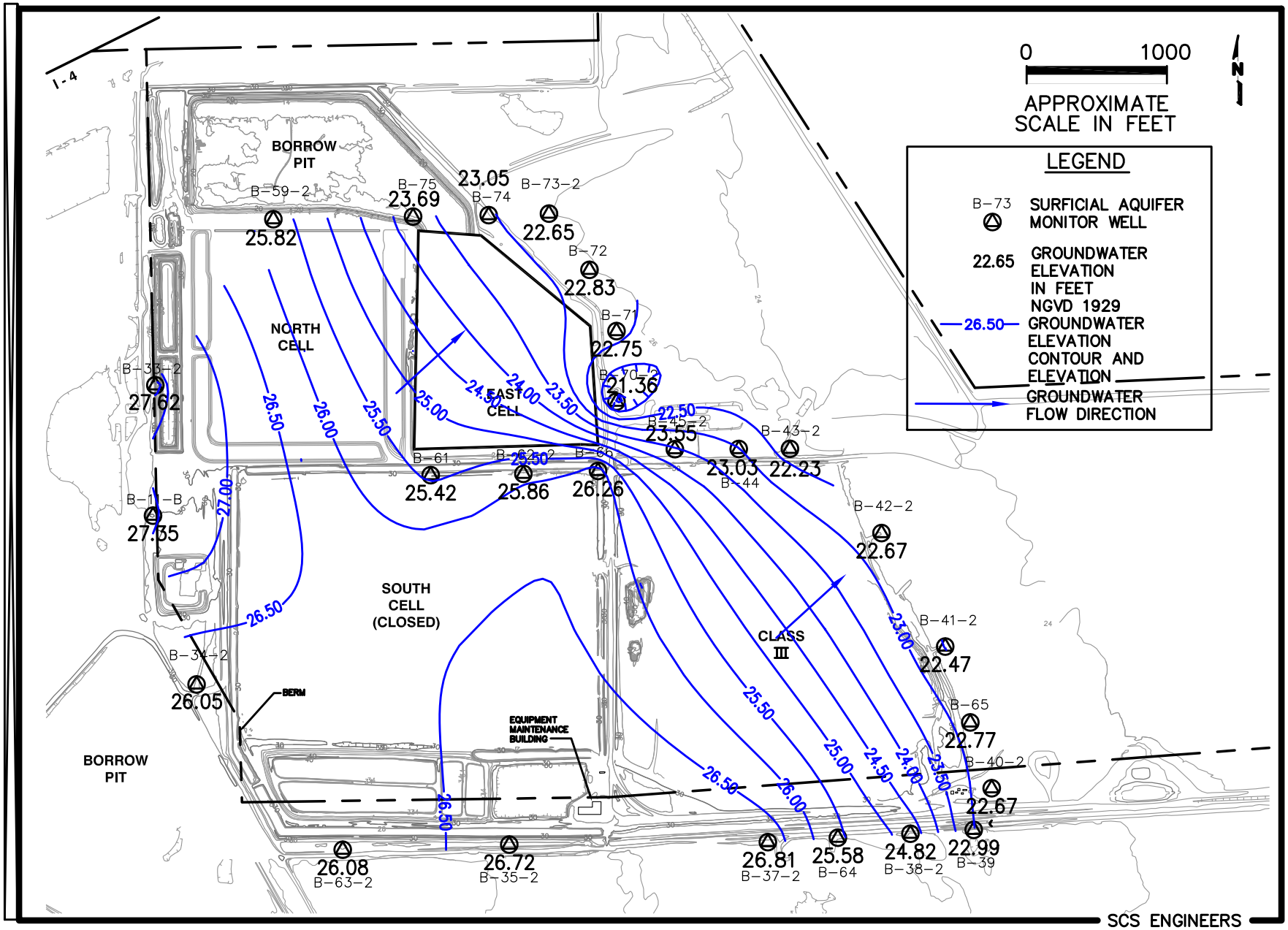

Figure 6. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, April 2008

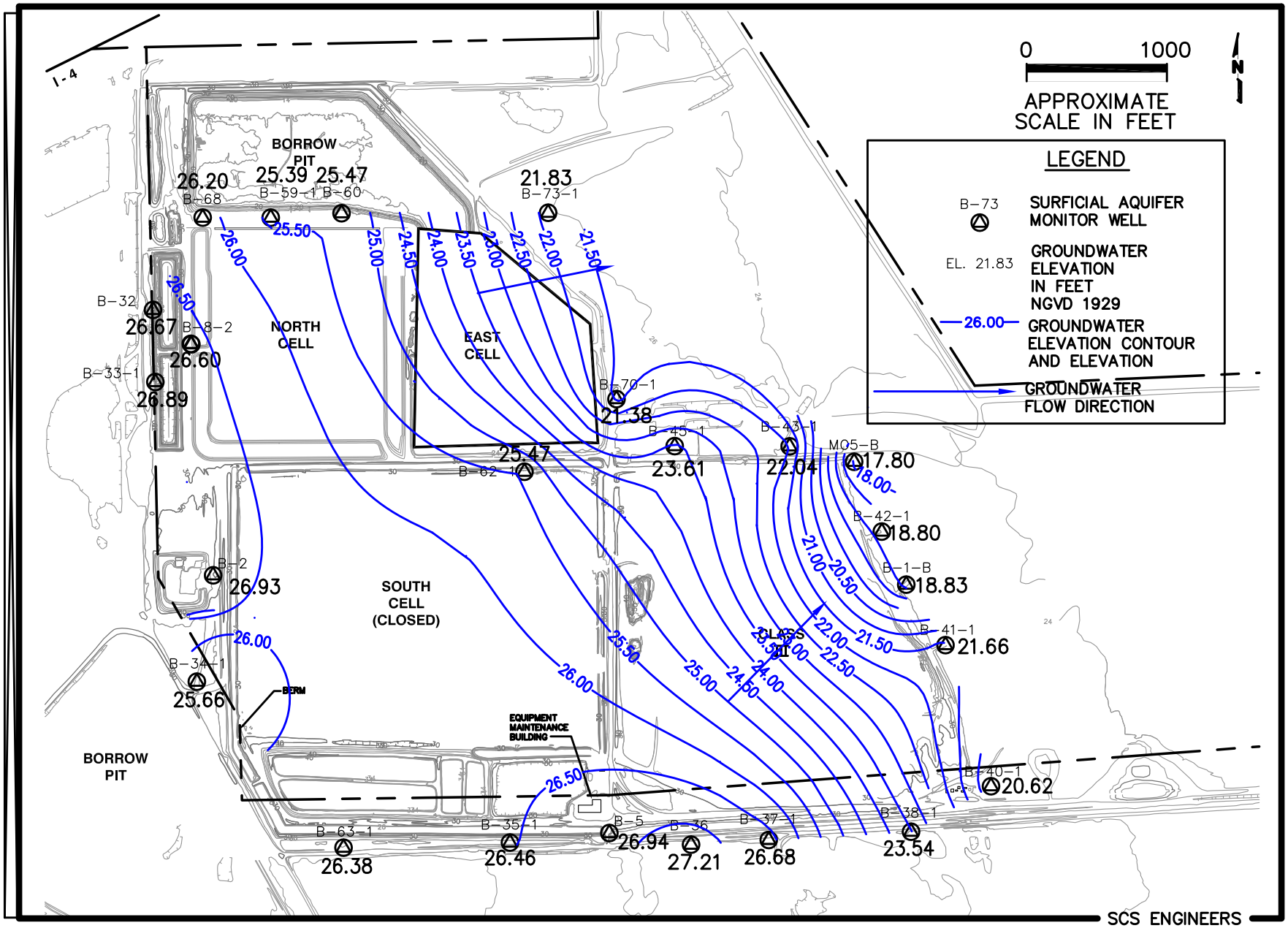

Figure 7. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, April 2008

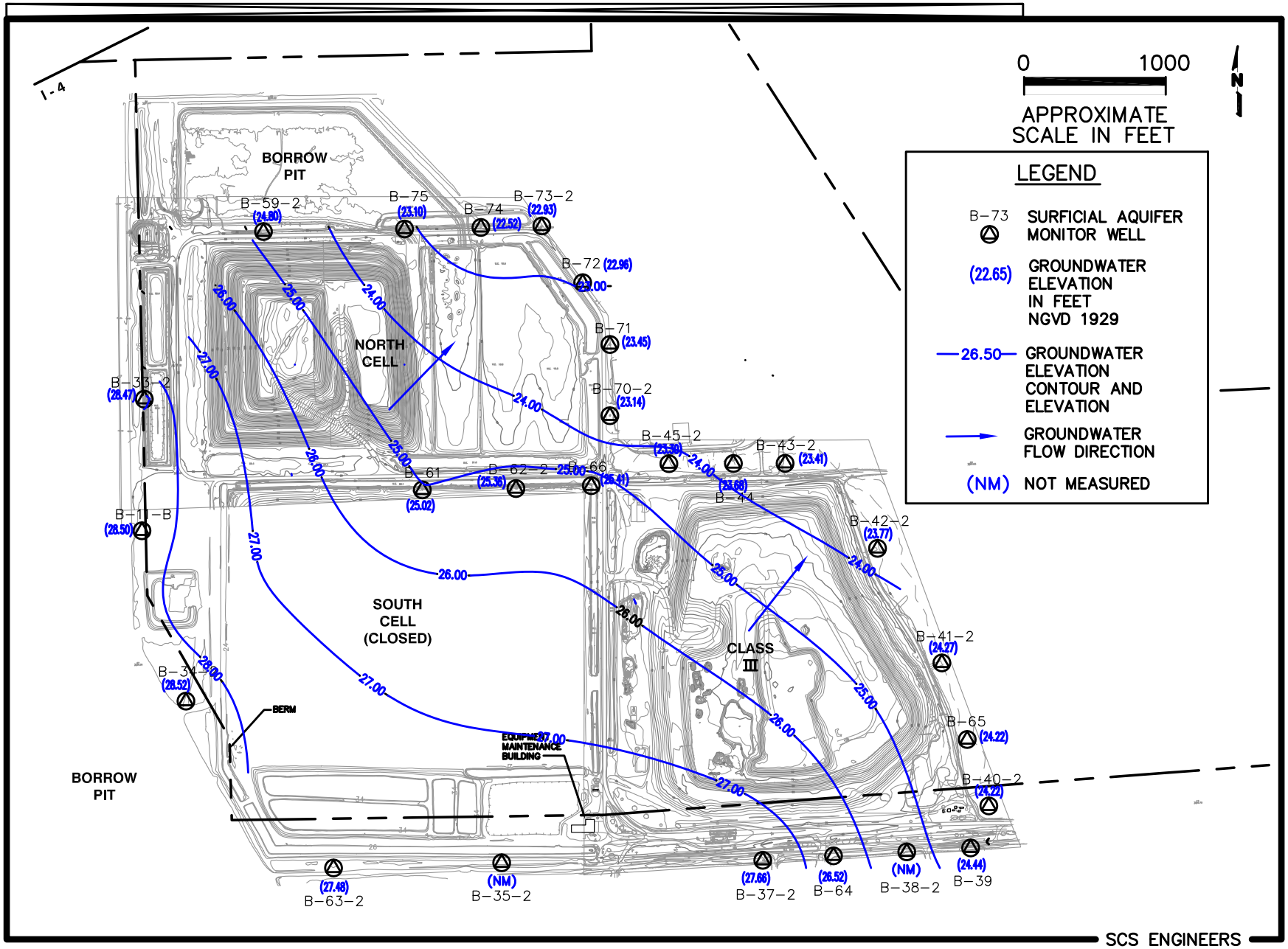

Figure 8. Groundwater Elevation Contour Map, Aquifer Zone 1–2, Tomoka Farms Road Landfill, October 2008

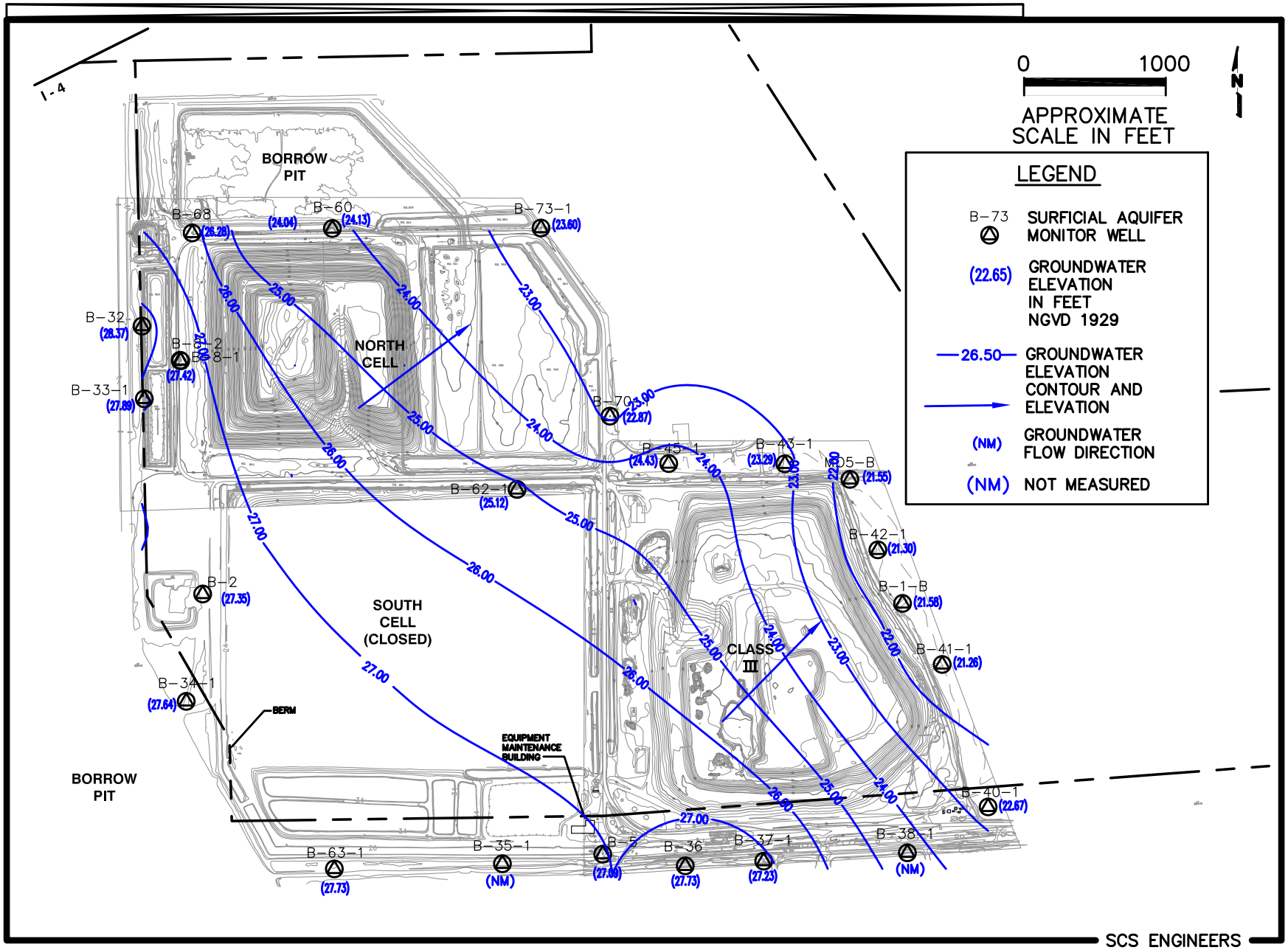

Figure 9. Groundwater Elevation Contour Map, Aquifer Zone 4, Tomoka Farms Road Landfill, October 2008

Appendix B

Tables

Groundwater Well Construction Table
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Surface Water Detections andExceedances
Leachate Detections and Exceedances

TOMOKA FARMS LANDFILL MONITORING WELLS CONSTRUCTION DETAILS, VOLUSIA COUNTY, FLORIDA

Well ID	Also Known as	Well Type	Latitude	Longitude	Year Constructed	Monitored Zone	Well Diameter (Inches)	Riser Pipe Length (ft)	Ground Surface Elevation * (ft, NGVD)	Casing and Screen Characteristics								
										Casing				Screen				
										Bottom Depth (ft, BTOC)	Bottom Depth (ft, BLS)	TOC Elevation* (ft, NGVD)	Bottom Elevation (ft, NGVD)	Screen Length (ft)	Depth Top (ft, BLS)	Depth Bottom (ft, BLS)	Elevation Top (ft, NGVD)	Elevation Bottom (ft, NGVD)
B1-B	B-1B	CO	29°07'57"	-81°05'14"	1987	Zone 4	2	1.8	27.0	34.8	33	28.78	-6.0	5.0	28.0	33	-1.0	-6.0
B-2	B-2-B	BG	29°07'58"	-81°06'09"	2005	Zone 4	2	2.9	31.6	26.9	24	34.53	7.6	5.0	19.0	24	12.6	7.6
B-5	B5-B, B5	CO	29°07'40"	-81°05'38"	1991	Zone 4	2	1.4	31.2	24.4	23	32.59	8.2	5.0	18.0	23	13.2	8.2
B8	B8-1	IM	29°08'14"	-81°06'11"	1987	Zone 6	2	3.3	30.6	51.3	48	33.93	-17.4	5.0	43.0	48	-12.4	-17.4
B8-2		IM	29°08'14"	-81°06'11"	1994	Zone 4	2	2.8	30.6	32.8	30	33.37	0.6	10.0	20.0	30	10.6	0.6
B11	B-11B, B-11	BG	29°08'02"	-81°06'14"	1989	Zone 1-2	2	1.5	31.5	15.5	14	32.95	17.5	10.0	4.0	14	27.5	17.5
B-32		BG	29°08'17"	-81°06'14"	1994	Zone 4	2	1.3	29.6	31.3	30	30.92	-0.4	10.0	20.0	30	9.6	-0.4
B33-1		BG	29°08'12"	-81°06'14"	1991	Zone 4	2	3.0	31.7	35.0	32	34.69	-0.3	10.0	22.0	32	9.7	-0.3
B33-2		BG	29°08'12"	-81°06'14"	1994	Zone 1-2	2	2.9	30.1	17.9	15	32.97	15.1	10.0	5.0	15	25.1	15.1
B34-1		BG	29°07'51"	-81°06'11"	1994	Zone 4	2	1.8	29.4	33.8	32	31.19	-2.6	10.0	22.0	32	7.4	-2.6
B34-2		BG	29°07'51 "	-81°06'11"	1994	Zone 1-2	2	1.8	29.4	16.8	15	31.20	14.4	10.0	5.0	15	24.4	14.4
B35-1		BG	29°07'39"	-81°05'46"	1994	Zone 4	2	1.7	27.6	33.7	32	29.26	-4.4	10.0	22.0	32	5.6	-4.4
B35-2		BG	29°07'39"	-81°05'46"	1994	Zone 1-2	2	1.7	27.6	16.7	15	29.34	12.6	10.0	5.0	15	22.6	12.6
B36	B-36	BG	29°07'39"	-81°05'31"	1994	Zone 4	2	1.6	27.7	34.6	33	29.33	-5.3	10.0	23.0	33	4.7	-5.3
B37-1		CO	29°07'39"	-81°05'25"	1994	Zone 4	2	1.4	27.2	38.4	37	28.63	-9.8	10.0	27.0	37	0.2	-9.8
B37-2		CO	29°07'39"	-81°05'25"	1994	Zone 1-2	2	1.4	27.4	16.4	15	28.76	12.4	10.0	5.0	15	22.4	12.4
B38-1		CO	29°07'40"	-81°05'13"	1994	Zone 4	2	2.0	26.2	39.0	37	28.24	-10.8	10.0	27.0	37	-0.8	-10.8
B38-2		CO	29°07'40"	-81°05'13"	1994	Zone 1-2	2	1.8	26.3	16.8	15	28.12	11.3	10.0	5.0	15	21.3	11.3
B-39		CO	29°07'40"	-81°05'08"	1994	Zone 1-2	2	1.8	27.2	16.8	15	29.02	12.2	10.0	5.0	15	22.2	12.2
B40-1		CO	29°07'43"	-81°05'07"	1994	Zone 4	2	2.2	25.6	30.2	28	27.77	-2.4	10.0	18.0	28	7.6	-2.4
B40-2		CO	29°07'43"	-81°05'07"	1994	Zone 1-2	2	2.1	25.6	17.1	15	27.67	10.6	10.0	5.0	15	20.6	10.6
B41-1		CO	29°07'53"	-81°05'11"	1994	Zone 4	2	1.8	27.4	38.8	37	29.16	-9.6	10.0	27.0	37	0.4	-9.6
B41-2		CO	29°07'53"	-81°05'11"	1994	Zone 1-2	2	1.9	27.4	16.9	15	29.27	12.4	10.0	5.0	15	22.4	12.4
B42-1		CO	29°08'01"	-81°05'16"	1994	Zone 4	2	1.6	26.7	31.6	30	28.30	-3.3	10.0	20.0	30	6.7	-3.3
B42-2		CO	29°08'01"	-81°05'16"	1994	Zone 1-2	2	1.8	26.7	13.8	12	28.47	14.7	7.0	5.0	12	21.7	14.7

TOMOKA FARMS LANDFILL MONITORING WELLS CONSTRUCTION DETAILS, VOLUSIA COUNTY, FLORIDA

Well ID	Also Known as	Well Type	Latitude	Longitude	Year Constructed	Monitored Zone	Well Diameter (Inches)	Riser Pipe Length (ft)	Ground Surface Elevation * (ft, NGVD)	Casing and Screen Characteristics								
										Casing				Screen				
										Bottom Depth (ft, BTOC)	Bottom Depth (ft, BLS)	TOC Elevation* (ft, NGVD)	Bottom Elevation (ft, NGVD)	Screen Length (ft)	Depth Top (ft, BLS)	Depth Bottom (ft, BLS)	Elevation Top (ft, NGVD)	Elevation Bottom (ft, NGVD)
B43-1		CO	29°08'07"	-81°05'23"	1994	Zone 3-4	2	1.5	26.6	28.5	27	28.09	-0.4	10.0	17.0	27	9.6	-0.4
B43-2		CO	29°08'07"	-81°05'23"	1994	Zone 1-2	2	1.6	26.6	13.6	12	28.23	14.6	7.0	5.0	12	21.6	14.6
B44	B-44	CO	29°08'07"	-81°05'27"	1994	Zone 1-2	2	1.7	28.3	13.7	12	30.03	16.3	7.0	5.0	12	23.3	16.3
B45-1		CO	29°08'07"	-81°05'32"	1994	Zone 4	2	2.0	28.3	37.0	35	30.28	-6.7	10.0	25.0	35	3.3	-6.7
B45-2		CO	29°08'07"	-81°05'32"	1994	Zone 1-2	2	1.8	28.6	16.8	15	30.35	13.6	10.0	5.0	15	23.6	13.6
B59-1R	B5-9-1	CO	29°08'23"	-81°06'05"	2005	Zone 4	2	2.1	30.3	34.1	32	32.44	-1.7	10.0	22.0	32	8.3	-1.7
B59-2R	B5-9-2	CO	29°08'23"	-81°06'05"	2005	Zone 1-2	2	2.8	30.3	17.8	15	33.12	15.3	10.0	5.0	15	25.3	15.3
B-60	B60	CO	29°08'24"	-81°05'59"	1994	Zone 4	2	2.5	30.5	32.5	30	32.95	0.5	10.0	20.0	30	10.5	0.5
B-61R	B-61	CO	29°08'05"	-81°05'52"	2002	Zone 1-2	2	3.7	35.7	28.7	25	39.42	10.7	10.0	15.0	25	20.7	10.7
B62-1R		CO	29°08'05"	-81°05'44"	2002	Zone 4	2	3.8	35.2	38.8	35	38.97	0.2	15.0	20.0	35	15.2	0.2
B62-2R		CO	29°08'05"	-81°05'44"	2002	Zone 1-2	2	4.1	35.3	22.1	18	39.36	17.3	7.0	11.0	18	24.3	17.3
B63-1		CO	29°07'39"	-81°05'59"	1994	Zone 4	2	1.6	28.4	30.6	29	30.03	-0.6	10.0	19.0	29	9.4	-0.6
B63-2		CO	29°07'39"	-81°05'59"	1994	Zone 1-2	2	2.1	28.3	14.1	12	30.38	16.3	7.0	5.0	12	23.3	16.3
B-64		CO	29°07'40"	-81°05'19"	1994	Zone 1-2	2	1.6	26.6	13.6	12	28.22	14.6	7.0	5.0	12	21.6	14.6
B-65		CO	29°07'48"	-81°05'09"	1994	Zone 1-2	2	1.9	26.1	16.9	15	27.97	11.1	10.0	5.0	15	21.1	11.1
B-66		CO	29°08'06"	-81°05'38"	1994	Zone 1-2	2	1.1	30.2	16.1	15	31.26	15.2	10.0	5.0	15	25.2	15.2
B-68		CO	29°08'23"	-81°06'10"	1994	Zone 4	2	2.3	30.7	32.3	30	32.98	0.7	10.0	20.0	30	10.7	0.7
B70-1		CI	29°08'11 "	-81°05'37"	2003	Zone 4	2	2.5	28.5	37.5	35	31.03	-6.5	10.0	25.0	35	3.5	-6.5
B70-2		DE	29°08'11"	-81°05'37"	2003	Zone 1-2	2	3.0	28.5	21.0	18	31.51	10.5	15.0	3.0	18	25.5	10.5
B71		DE	29°08'15"	-81°05'37"	2003	Zone 1-2	2	2.9	27.9	20.9	18	30.75	9.9	15.0	3.0	18	24.9	9.9
B72		DE	29°08'20"	-81°05'39"	2003	Zone 1-2	2	0.9	28.0	18.9	18	28.93	10.0	15.0	3.0	18	25.0	10.0
B73-1		CO	29°08'24"	-81°05'42"	2003	Zone 4	2	2.3	26.9	37.3	35	29.20	-8.1	10.0	25.0	35	1.9	-8.1
B73-2		DE	29°08'24"	-81°05'42"	2003	Zone 1-2	2	2.5	26.5	20.5	18	28.95	8.5	15.0	3.0	18	23.5	8.5
B74		DE	29°08'24"	-81°05'47"	2003	Zone 1-2	2	3.5	30.3	21.5	18	33.78	12.3	15.0	3.0	18	27.3	12.3
B75		DE	29°08'24"	-81°05'53"	2003	Zone 1-2	2	1.3	30.3	19.3	18	31.62	12.3	15.0	3.0	18	27.3	12.3

Revised 01/23/09

TOMOKA FARMS LANDFILL MONITORING WELLS CONSTRUCTION DETAILS, VOLUSIA COUNTY, FLORIDA

Well ID	Also Known as	Well Type	Latitude	Longitude	Year Constructed	Monitored Zone	Well Diameter (Inches)	Riser Pipe Length (ft)	Ground Surface Elevation * (ft, NGVD)	Casing and Screen Characteristics								
										Casing				Screen				
										Bottom Depth (ft, BTOC)	Bottom Depth (ft, BLS)	TOC Elevation* (ft, NGVD)	Bottom Elevation (ft, NGVD)	Screen Length (ft)	Depth Top (ft, BLS)	Depth Bottom (ft, BLS)	Elevation Top (ft, NGVD)	Elevation Bottom (ft, NGVD)
FA-1B		BG	29°07'51"	-81°06'11"	1987	Floridan	2	3.0	29.2	95.0	92	32.22	-62.8	1.0	91.0	92	-61.8	-62.8
FA-2C		CO	29°08'31"	-81°05'32"	1991	Floridan	2	2.6	25.5	102.6	100	28.10	-74.5	6.0	94.0	100	-68.5	-74.5
F-MB		CO	29°07'42"	-81°05'36"	2008	Floridan	2	2.8	31.1	100.8	98	33.88	----	----	----	----	----	----
MO5B	MO-5B, MO5	CO	29°08'06"	-81°05'18"	1987	Zone 4	2	3.4	26.4	35.4	32	29.80	-5.6	5.0	27.0	32	-0.6	-5.6

Notes:

ft = feet
NGVD = National Geodetic Vertical Datum
TOC Casing
BTOC = Below Top of Casing
BLS = Below Land Surface
* = Survey data taken from Survey performed by Sliger & Associates, Inc, dated September 13, 2007.

Revised 01/23/09

GROUNDWATER FLOW RATE CALCULATIONS
BIENNIAL REPORTING PERIOD - APRIL 2007 THROUGH NOVEMBER 2008

Upper Surficial (Zone 1-2) Aquifer Groundwater Flow Velocity across North Cell								
Date	**B11 GW Elevation (ft, NGVD)**	**B-74 GW Elevation (ft, NGVD)**	**Delta H (ft)**	**Distance (ft)**	**Gradient (i)**	**Hydraulic Conductivity (K) (ft/day)**	**Porosity (n)**	**Velocity (ft/day)**
Apr-07	25.63	14.98	10.65	3212	0.0033	0.88	0.25	0.012
Nov-07	28.63	24.93	3.7	3212	0.0012	0.88	0.25	0.004
Apr-08	27.35	23.05	4.30	3212	0.0013	0.88	0.25	0.005
Nov-08	28.5	22.52	5.98	3212	0.0019	0.88	0.25	0.007
							Average	0.007

Upper Surficial (Zone 1-2) Aquifer Groundwater Flow Velocity Across Closed South Cell								
Date	**B34-2 GW Elevation (ft, NGVD)**	**B62-2 GW Elevation (ft, NGVD)**	**Delta H (ft)**	**Distance (ft)**	**Gradient (i)**	**Hydraulic Conductivity (K) (cm/sec)**	**Porosity (n)**	**Velocity (ft/day)**
Apr-07	24.17	22.81	1.36	2772	0.0005	0.88	0.25	0.002
Nov-07	28.95	22.81	6.14	2772	0.0022	0.88	0.25	0.008
Apr-08	26.05	25.86	0.19	2772	0.0001	0.88	0.25	0.000
Nov-08	28.52	25.36	3.16	2772	0.0011	0.88	0.25	0.004
							Average	0.003

Upper Surficial (Zone 1-2) Aquifer Groundwater Flow Velocity Across the Class III Landfill								
Date	**B35-2 GW Elevation (ft, NGVD)**	**B42-2 GW Elevation (ft, NGVD)**	**Delta H (ft)**	**Distance (ft)**	**Gradient (i)**	**Hydraulic Conductivity (K) (cm/sec)**	**Porosity (n)**	**Velocity (ft/day)**
Apr-07	23.82	16.56	7.26	3460	0.0021	0.88	0.25	0.007
Nov-07	27.44	24.17	3.27	3460	0.0009	0.88	0.25	0.003
Apr-08	26.72	22.67	4.05	3460	0.0012	0.88	0.25	0.004
Nov-08	N M	23.77	NC	3460	NC	0.88	0.25	NC
							Average	0.005

Average	**(ft/day)**	**0.005**
Average	**(ft/year)**	**1.84**

Notes:

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

GROUNDWATER FLOW RATE CALCULATIONS
BIENNIAL REPORTING PERIOD - APRIL 2007 THROUGH NOVEMBER 2008

Lower Surficial (Zone 4) Aquifer Groundwater Flow Velocity								
Date	**B33-1 GW Elevation (ft, NGVD)**	**B73-1 GW Elevation (ft, NGVD)**	**Delta H (ft)**	**Distance (ft)**	**Gradient (i)**	**Hydraulic Conductivity (K) (ft/day)**	**Porosity (n)**	**Velocity (ft/day)**
Apr-07	24.77	18.4	6.37	3050	0.0021	1.474	0.25	0.012
Nov-07	27.74	22.55	5.19	3050	0.0017	1.474	0.25	0.010
Apr-08	26.89	21.83	5.06	3050	0.0017	1.474	0.25	0.010
Nov-08	27.89	23.6	4.29	3050	0.0014	1.474	0.25	0.008
							Average	0.010

Lower Surficial (Zone 4) Aquifer Groundwater Flow Velocity								
Date	**B34-1 GW Elevation (ft, NGVD)**	**B62-1 GW Elevation (ft, NGVD)**	**Delta H (ft)**	**Distance (ft)**	**Gradient (i)**	**Hydraulic Conductivity (K) (ft/day)**	**Porosity (n)**	**Velocity (ft/day)**
Apr-07	23.35	22.89	0.46	2783	0.0002	1.474	0.25	0.001
Nov-07	27.19	24.79	2.4	2783	0.0009	1.474	0.25	0.005
Apr-08	25.66	25.47	0.19	2783	0.0001	1.474	0.25	0.000
Nov-08	27.64	25.12	2.52	2783	0.0009	1.474	0.25	0.005
							Average	0.003

Lower Surficial (Zone 4) Aquifer Groundwater Flow Velocity								
Date	**B36 GW Elevation (ft, NGVD)**	**B42-1 GW Elevation (ft, NGVD)**	**Delta H (ft)**	**Distance (ft)**	**Gradient (i)**	**Hydraulic Conductivity (K) (ft/day)**	**Porosity (n)**	**Velocity (ft/day)**
Apr-07	25.57	15.14	10.43	2610	0.0040	1.474	0.25	0.024
Nov-07	27.83	20.6	7.23	2610	0.0028	1.474	0.25	0.016
Apr-08	27.21	18.8	8.41	2610	0.0032	1.474	0.25	0.019
Nov-08	27.73	21.3	6.43	2610	0.0025	1.474	0.25	0.015
							Average	0.018

Average	**(ft/day)**	**0.010**
Average	**(ft/year)**	**3.82**

Notes:

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

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B11 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/10/2005	10/20/2005	5/3/2006	10/31/2006	4/26/2007	11/7/2007	4/23/2008	11/5/2008	11/26/2008
Field Parameters:											
Groundwater Elevation	NA	feet	26.42	26.53	24.88	24.23	25.43	28.61	27.35	28.5	----
Conductivity	NA	umhos/cm	234	164	230	108	178	307	350	253	255
Dissolved Oxygen	NA	mg/L	0.24	0.61	1.12	0.61	0.24	0.3	0.17	0.22	0.27
pH[3]	6.5-8.5	S.U.	5.04	5.11	4.93	4.39	4.7	5.38	4.98	4.8	5.17
Temperature, Water	NA	deg C	22.7	26.2	22.23	26.45	21.9	24.06	22.14	23.71	23.52
Turbidity	NA	NTU	0.75	0.59	0.72	1.51	1.31	0.22	0.8	1.05	0.86
TDS/Conductivity Ratio	NA	None	0.77	0.98	0.43	0.89	0.84	0.72	0.71	0.79	----
Inonganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.51 **I**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	6.8 **I**	5 **U**	----
Barium[1]	2000	ug/L	76	55	36	39	50	110	140	97	----
Beryllium[1]	4	ug/L	0.54 **I**	0.54 **I**	0.51 **I**	0.72 **I**	0.5 **U**	1	0.97 **I**	0.63 **I**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	3 **I**	2.8 **I**	4.9 **I**	6.1	3.9 **I**	3 **I**	2.8 **I**	2.5 **U**	----
Cobalt[3]	140	ug/L	1.8 **I**	1.6 **U**	1 **U**	1.1 **I**	5 **U**	5 **U**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	3.9 **IV**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	5500	3900	3200	2800	3100	7800	11000	7200	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.014 **IV**	0.053 **VI**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	1.4 **I**	1 **U**	1.5 **U**	2.4 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	1.3 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	13	9.7	9.7	9.6	9	11	11	8.3	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	18	18	29	32	22	14	12	14	----
Zinc[2]	5000	ug/L	3.5 **U**	5 **I**	3.4 **I**	14 **I**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	17	12	8.8	8.9	9.5	12	11	9	----
Sulfate[2]	250	mg/L	35	19	7.2	4.7	31	85	110	62	----
Total Dissolved Solids[2]	500	mg/L	180	160	100	96	150	220	250	200	----
Nitrogen, Nitrate[1]	10	mg/L	0.018 **U**	0.021 **I**	0.015 **I**	0.15	0.0091 **U**	0.01 **U**	0.01 **U**	0.028 **I**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.53	0.47	0.22	0.19	0.36	0.49	0.49	0.47	----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B11 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/10/2005	10/20/2005	5/3/2006	10/31/2006	4/26/2007	11/7/2007	4/23/2008	11/5/2008	11/26/2008
Organic Parameters:											
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0059 **U**	0.0061 **U**	0.0049 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0062 **U**	0.0064 **U**	0.0062 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B33-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/10/2005	**10/25/2005**	**5/2/2006**	**10/31/2006**	**4/26/2007**	**11/7/2007**	**4/23/2008**	**11/6/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	26.15	27.79	23.3	25.9	28.03	30.58	27.62	28.47
Conductivity	NA	umhos/cm	2821	2662	5492	6400	6122	4595	3602	3189
Dissolved Oxygen	NA	mg/L	0.28	0.83	0.44	1.1	0.89	0.32	0.08	0.33
pH	6.5-8.5	S.U.	6.67	6.62	6.61	6.39	6.58	7.06	6.46	6.74
Temperature, Water	NA	deg C	21.2	20.1	23.19	25.09	21.19	23.59	22.3	23.76
Turbidity	NA	NTU	23	22.5	19.5	8.12	27.5	13.6	10	31.2
TDS/Conductivity Ratio	NA	None	0.64	0.68	0.33	0.61	0.62	0.65	0.67	0.72
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.62 **I**	0.69 **I**	0.6 **I**	2 **U**	0.63 **I**	1.1	0.65 **I**	0.5 **U**
Arsenic[1]	10	ug/L	10	14	8.5 **I**	7.9 **I**	5 **U**	24	19	15
Barium[1]	2000	ug/L	120	130	150	290	260	260	220	150
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.84 **I**	0.56 **I**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.75 **I**	0.5 **U**
Chromium[1]	100	ug/L	9.9	13	12	20	23	23	18	21
Cobalt[3]	140	ug/L	9.6 **I**	9.7 **I**	6.7 **I**	13	17	36	23	9.9 **I**
Copper[3]	1000	ug/L	1.2 **I**	1.7 **I**	2.1 **U**	2.1 **U**	6.7	5 **V**	2.5 **U**	3 **I**
Iron[2]	300	ug/L	17000	16000	20000	23000	11000	22000	26000	16000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.03 **IV**	0.022 **I**	0.17 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	52	48	44	96	87	69	55	33
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.5 **I**	6.3 **I**	7.5 **U**	11 **I**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	1.1 **I**	2.6 **I**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	450	490	420 **V**	980	960	730	570	510
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.58 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	11	13	15	16	15	50	35	43
Zinc[2]	5000	ug/L	6.6 **I**	13 **I**	6.5 **I**	11 **I**	12 **I**	10 **U**	15 **I**	10 **U**
Chloride[2]	250	mg/L	520	560	530	1600	1400	910	720	540
Sulfate[2]	250	mg/L	15	0.54 **I**	1	19	59	25	6.8	35
Total Dissolved Solids[2]	500	mg/L	1800	1800	1800	3900	3800	3000	2400	2300
Nitrogen, Nitrate[1]	10	mg/L	0.091 **U**	0.046 **U**	0.018 **I**	0.18 **U**	0.23 **U**	0.1 **U**	0.1 **U**	0.12 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	1.2	1.1	0.96	0.45	0.35	0.79	0.74	0.75

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B33-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/10/2005	**10/25/2005**	**5/2/2006**	**10/31/2006**	**4/26/2007**	**11/7/2007**	**4/23/2008**	**11/6/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.011 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.006 **U**	0.006 **U**	0.0049 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	8.4 **I**	3.7 **U**	4 **I**	2.5 **U**	7.8 **I**	2.5 **U**	4.8 **I**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.02 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0063 **U**	0.0063 **U**	0.0061 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	2
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B34-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/10/2005	**10/20/2005**	**5/2/2006**	**10/31/2006**	**4/26/2007**	**11/8/2007**	**4/24/2008**	**11/6/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	27.25	28.21	25.62	25.01	23.97	28.42	26.05	28.52
Conductivity	NA	umhos/cm	969	613	2765	1545	1159	890	1179	1030
Dissolved Oxygen	NA	mg/L	3.02	0.42	0.52	0.29	1.03	0.23	0.33	0.09
pH	6.5-8.5	S.U.	6.83	6.68	6.98	6.67	6.52	7.32	6.38	6.58
Temperature, Water	NA	deg C	22.3	24	20.73	24.17	21.73	23.32	21.61	23.4
Turbidity	NA	NTU	26	9.85	12.8	2.69	14.2	2.86	4.97	4.93
TDS/Conductivity Ratio	NA	None	0.68	0.77	0.36	0.58	0.60	0.63	0.69	0.66
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.9 **I**	2.8 **U**	5 **U**	6.3 **I**	5.9 **I**	5.2 **I**
Barium[1]	2000	ug/L	65	85	99	120	130	67	89	68
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	0.72 **I**	0.65 **U**	0.65 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	6.3 **I**	1.6 **U**	3.2 **I**	1 **U**	6.5 **I**	7.3 **I**	17	5 **U**
Copper[3]	1000	ug/L	1.2 **I**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	3200	14000	12000	5200	4000	8400	9500	6100
Lead[1]	15	ug/L	2.2 **U**		2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	4.3 **I**	1.1 **I**	16	7.6	3.8 **I**	2.5 **U**	4.7 **I**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	34	37	43 **V**	46	35	14	24	16
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	2.4 **I**	0.73 **U**	3.1 **I**	2.3 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	5.6 **I**	14 **I**	4 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	62	47	73	65	53	18	34	18
Sulfate[2]	250	mg/L	98	97	150	350	180	52	120	62
Total Dissolved Solids[2]	500	mg/L	660	470	1000	900	700	560	810	680
Nitrogen, Nitrate[1]	10	mg/L	0.36	0.041 **I**	0.068 **I**	0.046 **U**	0.24	0.01 **U**	0.02 **U**	0.023 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.11	0.1	1.2	0.32	0.16	0.63	0.21	0.69 **V**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B34-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/10/2005	**10/20/2005**	**5/2/2006**	**10/31/2006**	**4/26/2007**	**11/8/2007**	**4/24/2008**	**11/6/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0056 **U**	0.0059 **U**	0.006 **U**	0.0049 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	3.3 **I**	2.5 **U**	2.5 **U**	2.7 **I**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0062 **U**	0.0063 **U**	0.0062 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B35-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			NS	NS	NS	10/27/2006	4/26/2007	11/12/2007	4/24/2008	NS
Field Parameters:										
Groundwater Elevation	NA	feet	-----	-----	-----	24.66	23.82	27.42	26.72	-----
Conductivity	NA	umhos/cm	-----	-----	-----	388	398	405	335	-----
Dissolved Oxygen	NA	mg/L	-----	-----	-----	0.29	0.1	0.18	0.26	-----
pH	6.5-8.5	S.U.	-----	-----	-----	4.94	4.96	5.21	4.66	-----
Temperature, Water	NA	deg C	-----	-----	-----	23.95	21.63	23.39	21.53	-----
Turbidity	NA	NTU	-----	-----	-----	2.22	2.35	5.18	2.48	-----
TDS/Conductivity Ratio	NA	None	-----	-----	-----	0.70	0.68	0.74	0.75	-----
Inonganic Parameters:										
Antimony[1]	6	ug/L	-----	-----	-----	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	-----
Arsenic[1]	10	ug/L	-----	-----	-----	2.8 **U**	5 **U**	5.7 **I**	5 **U**	-----
Barium[1]	2000	ug/L	-----	-----	-----	87	71	82	53	-----
Beryllium[1]	4	ug/L	-----	-----	-----	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	-----
Cadmium[1]	5	ug/L	-----	-----	-----	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	-----
Chromium[1]	100	ug/L	-----	-----	-----	8.4	8.1	7.9	10	-----
Cobalt[3]	140	ug/L	-----	-----	-----	1 **U**	5 **U**	5 **U**	5 **U**	-----
Copper[3]	1000	ug/L	-----	-----	-----	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	-----
Iron[2]	300	ug/L	-----	-----	-----	9000	11000	10000	5600	-----
Lead[1]	15	ug/L	-----	-----	-----	2.6 **U**	5 **U**	5 **U**	5 **U**	-----
Mercury[1]	2	ug/L	-----	-----	-----	0.06 **I**	0.1 **U**	0.1 **U**	0.02 **U**	-----
Nickel[1]	100	ug/L	-----	-----	-----	1.5 **U**	3.3 **I**	2.5 **U**	2.5 **U**	-----
Selenium[1]	50	ug/L	-----	-----	-----	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	-----
Silver[2]	100	ug/L	-----	-----	-----	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	-----
Sodium[1]	160	mg/L	-----	-----	-----	55	52	49	51	-----
Thallium[1]	2	ug/L	-----	-----	-----	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	-----
Vanadium[3]	49	ug/L	-----	-----	-----	14	20	17	19	-----
Zinc[2]	5000	ug/L	-----	-----	-----	3.2 **U**	10 **U**	10 **U**	10 **U**	-----
Chloride[2]	250	mg/L	-----	-----	-----	92	79	61	65	-----
Sulfate[2]	250	mg/L	-----	-----	-----	2.2	14	53	9.7	-----
Total Dissolved Solids[2]	500	mg/L	-----	-----	-----	270	270	300	250	-----
Nitrogen, Nitrate[1]	10	mg/L	-----	-----	-----	0.0091 **U**	0.043 **I**	0.01 **U**	0.01 **U**	-----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	-----	-----	-----	0.8	0.12	1.2	0.48	-----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B35-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			NS	**NS**	**NS**	**10/27/2006**	**4/26/2007**	**11/12/2007**	**4/24/2008**	**NS**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	-----	-----	-----	0.006 **U**	0.0059 **U**	0.006 **U**	0.0063 **U**	-----
1,4-Dichlorobenzene[1]	75	ug/L	-----	-----	-----	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	-----
2-Butanone (MEK)[3]	4200	ug/L	-----	-----	-----	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	-----
Acetone[3]	6300	ug/L	-----	-----	-----	2.5 **U**	2.5 **U**	2.5 **U**	3.8 **I**	-----
Benzene[1]	1	ug/L	-----	-----	-----	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	-----
Carbon Disulfide[3]	700	ug/L	-----	-----	-----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	-----
Chlorobenzene[1]	100	ug/L	-----	-----	-----	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	-----
cis-1,2-Dichloroethene[1]	70	ug/L	-----	-----	-----	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	-----
Ethylene Dibromide[1]	0.02	ug/L	-----	-----	-----	0.0063 **U**	0.0062 **U**	0.0063 **U**	0.0066 **U**	-----
Iodomethane	NA	ug/L	-----	-----	-----	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	-----
Methylene Chloride[1]	5	ug/L	-----	-----	-----	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	-----
Toluene[1]	1000	ug/L	-----	-----	-----	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	-----
Vinyl Chloride[1]	1	ug/L	-----	-----	-----	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	-----

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B37-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/19/2005**	**5/5/2006**	**10/24/2006**	**4/27/2007**	**11/9/2007**	**4/24/2008**	**11/6/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	26.98	27.42	25.32	25.72	25.35	27.5	26.81	27.66
Conductivity	NA	umhos/cm	404	497	1498	1282	745	484	710	492
Dissolved Oxygen	NA	mg/L	3.29	1.56	0.93	0.14	0.1	0.06	0.11	0.11
pH	6.5-8.5	S.U.	6.3	5.66	5.91	5.86	5.84	6.51	5.99	6.13
Temperature, Water	NA	deg C	21.06	25.24	23.03	23.92	21.65	23.32	21.33	22.99
Turbidity	NA	NTU	7.4	7.34	2.67	2.08	1.47	2.4	2.56	2.62
TDS/Conductivity Ratio	NA	None	0.54	0.46	0.33	0.34	0.59	0.62	0.58	0.65
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 U	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	9.1 I	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	6 **I**
Barium[1]	2000	ug/L	13	45	76	45	45	23	36	24
Beryllium[1]	4	ug/L	0.91 IV	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	1.1	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	4.8 I	0.82 **I**	0.74 **I**	1.2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	6.7 I	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	6.8 **I**	5 **U**
Copper[3]	1000	ug/L	4 I	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	5900	15000	24000	17000	13000	5000	9300	6400
Lead[1]	15	ug/L	2.2 U	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 U	0.012 **U**	0.024 **I**	0.034 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	8.2	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 U	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	7	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	10	23	47	47	39	12	42	14
Thallium[1]	2	ug/L	0.12 U	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	5.6 I	1.7 **I**	2.8 **I**	3.2 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	30	6.2 **I**	3.8 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	6.8	60	100	80	88	23	89	21
Sulfate[2]	250	mg/L	3	0.58	0.8	0.73 **I**	1.4	0.085 **U**	1.5	0.055 **U**
Total Dissolved Solids[2]	500	mg/L	220	230	500	430	440	300	410	320
Nitrogen, Nitrate[1]	10	mg/L	0.0091 U	0.0091 **U**	0.76	0.018 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.17	0.19	0.3	0.39	0.37	0.22	0.26	0.11 **V**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B37-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/19/2005**	**5/5/2006**	**10/24/2006**	**4/27/2007**	**11/9/2007**	**4/24/2008**	**11/6/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 U	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.0059 **U**	0.0062 **U**	0.0059 **U**	0.0048 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 U	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 U	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 U	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	4.9 **I**	5 **U**
Benzene[1]	1	ug/L	0.23 U	0.4 **I**	0.76 **I**	0.88 **I**	1.1	0.16 **U**	0.39 **I**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 U	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 U	0.75 **I**	0.17 **U**	2.7	1.6	0.31 **I**	1.4	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 U	4.9	0.92 **U**	1.7	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 U	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.0062 **U**	0.0065 **U**	0.0062 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 U	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 U	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.95 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 U	0.46 **I**	0.53 **I**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	2.8	58	78	14	2.8	0.37 **U**	2.5	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B38-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			NS	**10/26/2005**	**5/5/2006**	**10/24/2006**	**4/27/2007**	**11/9/2007**	**4/24/2008**	**NS**
Field Parameters:										
Groundwater Elevation	NA	feet	----	26.67	23.43	22.98	20.76	26.06	24.82	----
Conductivity	NA	umhos/cm	----	647	965	1538	658	551	503	----
Dissolved Oxygen	NA	mg/L	----	0.17	4	0.36	0.19	0.13	0.14	----
pH	6.5-8.5	S.U.	----	5.89	6.03	6.09	5.93	5.86	5.56	----
Temperature, Water	NA	deg C	----	22.59	25.7	22.72	20.97	22.05	22.81	----
Turbidity	NA	NTU	----	6.16	4.39	3.31	3.73	2.2	2.32	----
TDS/Conductivity Ratio	NA	None	----	0.65	0.41	0.39	0.61	0.73	0.74	----
Inonganic Parameters:										
Antimony[1]	6	ug/L	----	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	----	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	----
Barium[1]	2000	ug/L	----	39	39	48	26	49	38	----
Beryllium[1]	4	ug/L	----	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	----	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	----	0.85 **I**	0.89 **I**	0.83 **I**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	----	1.6 **U**	1.1 **I**	1 **U**	5 **U**	5 **U**	5.4 **I**	----
Copper[3]	1000	ug/L	----	0.92 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	----	10000	8900	3000	4100	17000	12000	----
Lead[1]	15	ug/L	----	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	----	0.02 **I**	0.039 **I**	0.034 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	----	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	----	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	----	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	----	26 **V**	22	48	53	20	22	----
Thallium[1]	2	ug/L	----	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	----	0.77 **I**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	----	9.6 **I**	14 **I**	4.5 **I**	14 **I**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	----	30	24	77	60	27	31	----
Sulfate[2]	250	mg/L	----	0.051 **U**	0.076 **I**	140	35	0.48 **I**	0.085 **U**	----
Total Dissolved Solids[2]	500	mg/L	----	420	400	600	400	400	370	----
Nitrogen, Nitrate[1]	10	mg/L	----	0.0091 **U**	0.032 **I**	0.018 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	----	3.4	4	0.59	0.48	1.9	2.2	----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B38-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			NS	**10/26/2005**	**5/5/2006**	**10/24/2006**	**4/27/2007**	**11/9/2007**	**4/24/2008**	**NS**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	----	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.006 **U**	0.006 **U**	0.006 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	----	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----
2-Butanone (MEK)[3]	4200	ug/L	----	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----
Acetone[3]	6300	ug/L	----	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.7 **I**	----
Benzene[1]	1	ug/L	----	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----
Carbon Disulfide[3]	700	ug/L	----	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----
Chlorobenzene[1]	100	ug/L	----	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----
cis-1,2-Dichloroethene[1]	70	ug/L	----	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----
Ethylene Dibromide[1]	0.02	ug/L	----	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.0063 **U**	0.0063 **U**	0.0063 **U**	----
Iodomethane	NA	ug/L	----	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----
Methylene Chloride[1]	5	ug/L	----	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	1.1 **I**	0.33 **U**	----
Toluene[1]	1000	ug/L	----	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----
Vinyl Chloride[1]	1	ug/L	----	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B39 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/11/2005	10/19/2005	5/5/2006	10/24/2006	4/27/2007	11/8/2007	4/24/2008	11/7/2008	12/1/2008
Field Parameters:											
Groundwater Elevation	NA	feet	24.26	25.16	21.13	19.01	17.54	23.89	22.99	24.44	----
Conductivity	NA	umhos/cm	130	135	185	237	179	134	150	130	136
Dissolved Oxygen	NA	mg/L	1.24	2.49	3.46	0.57	0.49	0.13	0.35	0.34	0.41
pH	6.5-8.5	S.U.	3.99	4.38	3.51	4.68	4.08	4.6	4.55	4.75	4.84
Temperature, Water	NA	deg C	21.09	27.6	24.07	23.03	21.37	24.34	20.74	23.26	21.33
Turbidity	NA	NTU	2.3	4.37	5.67	9.56	1.39	7.8	10.29	8.56	3.86
TDS/Conductivity Ratio	NA	None	0.63	0.52	0.59	0.42	0.49	1.04	0.80	1.31	----
Inonganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	3 **I**	4.4 **I**	5.7 **I**	2.8 **U**	5 **U**	5 **I**	6.8 **I**	8 **I**	----
Barium[1]	2000	ug/L	25	26	23	31	47	45	30	28	----
Beryllium[1]	4	ug/L	0.056 **U**	0.098 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	3.2 **I**	4.3 **I**	4.5 **I**	4.1 **I**	4.3 **I**	7.1	5.1	6.7	----
Cobalt[3]	140	ug/L	1.6 **U**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	0.85 **IV**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.6 **I**	2.5 **U**	2.8 **I**	----
Iron[2]	300	ug/L	11000 **V**	12000	13000	11000	13000	10000	11000	12000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.044 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.032 **IV**	----
Nickel[1]	100	ug/L	2 **I**	1 **U**	1.7 **I**	1.5 **I**	2.5 **U**	4.7 **I**	4 **I**	2.8 **I**	----
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	7.6	7.4	6.8	10	15	9.8	12	9	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	13	18	19	9.1 **I**	8.1 **I**	35	24	48	----
Zinc[2]	5000	ug/L	6 **I**	5.8 **I**	18 **I**	4.6 **I**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	17	18	17	19	31	16	20	16	----
Sulfate[2]	250	mg/L	12	6.6	6	16	21	16	15	3	----
Total Dissolved Solids[2]	500	mg/L	82	70	110	100	87	140	120	170	----
Nitrogen, Nitrate[1]	10	mg/L	0.089	0.045 **I**	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.31	0.29	0.47	0.22	0.014 **U**	0.1	0.13	0.24	----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B39 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/11/2005	10/19/2005	5/5/2006	10/24/2006	4/27/2007	11/8/2007	4/24/2008	11/7/2008	12/1/2008
Organic Parameters:											
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.0062 **U**	0.006 **UQ**	0.0059 **U**	0.0059 **U**	0.006 **U**	0.0056 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0065 **U**	0.0063 **UQ**	0.0062 **U**	0.0062 **U**	0.0063 **U**	0.007 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	2.4	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Leve
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B40-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/5/2005	**10/18/2005**	**5/1/2006**	**10/24/2006**	**4/23/2007**	**11/7/2007**	**4/21/2008**	**11/6/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	24.36	24.38	20.65	17.78	16.6	24	22.67	24.22
Conductivity	NA	umhos/cm	656	601	719	609	598	629	641	632
Dissolved Oxygen	NA	mg/L	1.24	3.04	1.31	1.66	3.3	0.14	0.24	0.16
pH	6.5-8.5	S.U.	5.79	5.74	5.79	5.47	5.56	6.06	5.87	5.57
Temperature, Water	NA	deg C	19.8	23.4	19.73	21.97	21.88	23.34	20.1	21.93
Turbidity	NA	NTU	2.1	12.1	13.3	20	91.6	1.5	2.78	3.5
TDS/Conductivity Ratio	NA	None	0.61	0.57	0.61	0.71	0.70	0.68	0.64	0.71
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	3.4 **I**	14	5 **U**	8.2 **IV**	5 **U**
Barium[1]	2000	ug/L	34	39	43	56	70	42	34	41
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.66 **I**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	4.1 **I**	4.4 **I**	5.8	3.6 **I**	17	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	4 **I**	1.6 **U**	1 **U**	2 **I**	13	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.68 **I**	1.9 **I**	2.1 **U**	2.1 **U**	14	4.1 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	5800	9500	7600	1300	16000	2400	3000	2500
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	14	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.018 **I**	0.047 **VI**	0.12 **I**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	2 **I**	1.5 **U**	3.1 **I**	16	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	24	25	33	35	39	22	22	24
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.85 **I**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	1.8 **I**	1.7 **I**	4.8 **I**	6.2 **I**	24	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	9 **I**	3.5 **U**	3.2 **U**	4.3 **I**	29	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	40	41	50	55	59	20	25	27
Sulfate[2]	250	mg/L	1.8	0.2 **I**	11	120	120	77	36	63
Total Dissolved Solids[2]	500	mg/L	400	340	440	430	420	430	410	450
Nitrogen, Nitrate[1]	10	mg/L	0.023 **I**	0.091	0.084	0.0091 **U**	0.0091 **U**	0.01 **U**	0.059	0.055
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	2.7	3.2	2.8	1.3	0.75	0.82	0.97	1 **V**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B40-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/5/2005	**10/18/2005**	**5/1/2006**	**10/24/2006**	**4/23/2007**	**11/7/2007**	**4/21/2008**	**11/6/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0061 **U**	0.0061 **U**	0.006 **U**	0.0048 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.99 **I**	0.66 **I**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0064 **U**	0.0064 **U**	0.0063 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.49 **I**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B41-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/23/2007	11/7/2007	4/21/2008	11/3/2008	11/26/2008
Field Parameters:											
Groundwater Elevation	NA	feet	23.86	24.42	20.69	15.56	16.58	24.1	22.42	24.27	----
Conductivity	NA	umhos/cm	1191	880	1086	1380	2023	1023	847	859	770
Dissolved Oxygen	NA	mg/L	1.11	3.02	0.56	2.78	1.02	0.07	0.1	0.12	0.46
pH	6.5-8.5	S.U.	5.81	6.3	6.3	6.16	5.97	6.54	6.49	6.2	6.59
Temperature, Water	NA	deg C	19.4	24.4	20.04	25.63	22.53	23.71	19.99	22.82	18.62
Turbidity	NA	NTU	3.1	3.21	1.02	11.7	3.2	1	3.54	0.73	1.07
TDS/Conductivity Ratio	NA	None	0.65	0.61	0.59	0.60	0.79	0.69	0.64	0.66	----
Inonganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.89 **I**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	6.9 **I**	5 **U**	----
Barium[1]	2000	ug/L	57	51	56	110	170	70	52	60	----
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	5.3	3 **I**	3.6 **I**	3.1 **I**	4.4 **I**	3.4 **I**	2.8 **I**	2.5 **U**	----
Cobalt[3]	140	ug/L	9.4 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	8.5 **I**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	0.47 **U**	1.8 **I**	2.1 **U**	2.1 **U**	2.5 **U**	4.3 **IV**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	990	4700	2400	1300	7400	1600	1200	1000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.045 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	1.1 **I**	1.2 **I**	1.5 **U**	1.5 **U**	18	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	4.4 **I**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	65	41	44	62	100	48	36	29	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.13 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	3.1 **I**	1.4 **I**	2.6 **I**	4.7 **I**	5 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	3.5 **U**	3.5 **U**	4.2 **I**	7.5 **I**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	100	44	55	81	120	39	40	32	----
Sulfate[2]	250	mg/L	62	3.5	6.4	100	760	100	7.2	15	----
Total Dissolved Solids[2]	500	mg/L	770	540	640	830	1600	710	540	570	----
Nitrogen, Nitrate[1]	10	mg/L	0.35	0.19	0.027 **I**	0.046 **U**	0.11 **I**	0.02 **U**	0.054	0.023 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.8	1.1	0.9	1.1	0.33	0.32	0.28	0.7	----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B41-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/23/2007	11/7/2007	4/21/2008	11/3/2008	11/26/2008
Organic Parameters:											
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0056 **U**	0.006 **U**	0.0057 **U**	0.005 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	5.7	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0063 **U**	0.006 **U**	0.0063 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B42-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/3/2005	**10/18/2005**	**5/1/2006**	**NS**	**4/26/2007**	**11/7/2007**	**4/22/2008**	**11/3/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	23.78	24.33	20.67	----	16.16	24.06	22.67	23.77
Conductivity	NA	umhos/cm	479	352	453	----	1163	503	480	431
Dissolved Oxygen	NA	mg/L	1.41	1.97	0.45	----	0.26	0.1	0.18	0.19
pH	6.5-8.5	S.U.	5.3	5.9	5.66	----	5.38	6.11	5.92	5.73
Temperature, Water	NA	deg C	20.06	24.62	20.13	----	22.24	23.64	20.7	22.61
Turbidity	NA	NTU	2.1	3.92	1.76	----	4.18	4.3	4.95	3.11
TDS/Conductivity Ratio	NA	None	0.65	0.77	0.66	----	0.71	0.76	0.77	0.70
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	----	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	----	6.8 **I**	5 **U**	8.4 **I**	5 **U**
Barium[1]	2000	ug/L	25	16	27	----	170	44	24	34
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	----	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	----	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.8 **I**	0.6 **U**	2.1 **I**	----	4.5 **I**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	3.4 **I**	1.6 **U**	1 **U**	----	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.82 **I**	2.1 **U**	----	2.5 **U**	4.4 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	2900	3200	3000	----	11000	810	870	1000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	----	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	----	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	----	5.2	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	----	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	----	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	24	10	30	----	110	31	20	28
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	----	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	1.6 **I**	0.77 **I**	2.6 **I**	----	16	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	3.5 **U**	5.6 **I**	----	11 **I**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	28	8.2	24	----	89	18	22	14
Sulfate[2]	250	mg/L	23	4.6	2.2	----	400	110	60	45
Total Dissolved Solids[2]	500	mg/L	310	270	300	----	830	380	370	300
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.0091 **U**	0.041 **I**	----	0.046 **U**	0.23	0.1	0.94
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.86	0.88	1.9	----	0.46	0.29	0.29	0.31

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B42-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/3/2005	10/18/2005	5/1/2006	NS	4/26/2007	11/7/2007	4/22/2008	11/3/2008
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	----	0.0058 **U**	0.0063 **U**	0.006 **U**	0.0048 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	----	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	----	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	----	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	----	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	----	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	----	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	----	0.0061 **U**	0.0066 **U**	0.0063 **U**	0.0061 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	----	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	----	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	----	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	----	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
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[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B43-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/3/2005	**10/19/2005**	**4/28/2006**	**10/24/2006**	**4/24/2007**	**11/8/2007**	**4/21/2008**	**11/4/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	23.05	24.57	21.41	20.06	18.53	23.15	22.23	23.41
Conductivity	NA	umhos/cm	502	380	608	1053	971	363	596	432
Dissolved Oxygen	NA	mg/L	1.25	2.24	1.06	2.29	0.35	0.2	0.39	0.19
pH	6.5-8.5	S.U.	5.88	5.77	6.29	6.05	6.17	6.19	5.81	5.77
Temperature, Water	NA	deg C	21.1	26.1	22.8	23.78	22.38	24.39	22.43	22.77
Turbidity	NA	NTU	0.75	3.14	4.62	2.66	4.59	0.55	1.82	1.28
TDS/Conductivity Ratio	NA	None	0.70	0.42	0.61	0.69	0.64	0.61	0.62	0.63
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.8 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	3.1 **I**	3.3 **I**	5.6 **I**	5 **U**	5 **U**	5.2 **IV**	5 **U**
Barium[1]	2000	ug/L	12	5.5 **I**	12	38	40	9.1 **I**	10	8 **I**
Beryllium[1]	4	ug/L	0.085 **I**	0.064 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.63 **I**	0.6 **U**	1.1 **I**	1.2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	4.5 **I**	1.6 **U**	1 **U**	1.4 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.59 **I**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	2700	1800	7400	14000	14000	2400	630	2300
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.029 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	2.4 **I**	2.5 **I**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	19	5.4	22	160	140 **V**	10	18	7.1
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.23 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	3.9 **I**	3.4 **I**	4.1 **I**	6.1 **I**	5.9 **I**	9 **I**	5.7 **I**	5.4 **I**
Zinc[2]	5000	ug/L	4.1 **I**	4.6 **I**	3.2 **U**	3.5 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	51	7.4	31	92	70	6.2	51	9.1
Sulfate[2]	250	mg/L	15	0.051 **U**	13	28	48	2	21	0.44 **I**
Total Dissolved Solids[2]	500	mg/L	350	160	370	730	620	220	370	270
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.021 **I**	0.019 **I**	0.018 **U**	0.018 **U**	0.01 **U**	0.024 **I**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.11	0.014 **U**	0.16	2.6	2.5	0.02 **U**	0.027 **I**	0.02 **U**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B43-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/3/2005	**10/19/2005**	**4/28/2006**	**10/24/2006**	**4/24/2007**	**11/8/2007**	**4/21/2008**	**11/4/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.0057 **U**	0.0059 **U**	0.0059 **U**	0.0071 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.42 **I**	0.61 **I**	0.17 **U**	0.19 **I**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.006 **U**	0.0062 **U**	0.0062 **U**	0.009 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.36 **I**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.35 **I**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B45-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			6/13/2005	10/18/2005	4/28/2006	10/27/2006	4/24/2007	11/8/2007	4/21/2008	11/4/2008	12/1/2008
Field Parameters:											
Groundwater Elevation	NA	feet	26.4	24.9	22.86	22.96	21.27	23.99	23.55	24.3	----
Conductivity	NA	umhos/cm	250	147	1621	921	1323	269	819	1270	1138
Dissolved Oxygen	NA	mg/L	2.51	1.85	1.31	1.46	0.3	0.17	0.3	0.21	0.51
pH	6.5-8.5	S.U.	5.8	5.44	5.22	5.06	4.82	5.69	4.87	5.11	5.29
Temperature, Water	NA	deg C	22.3	24.37	21.41	24.06	21.12	23.18	21.83	22.31	21.33
Turbidity	NA	NTU	50	27	36.5	7.8	3.78	6.3	5.31	1.8	2.56
TDS/Conductivity Ratio	NA	None	0.84	0.82	0.61	0.79	0.60	0.67	0.62	0.71	----
Inonganic Parameters:											
Antimony[1]	6	ug/L	0.62 I	0.4 **U**	0.8 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 U	2.8 **U**	2.8 **U**	3.2 **I**	5 **U**	5 **U**	8.2 **I**	5 **U**	----
Barium[1]	2000	ug/L	22	15	270	160	200	27	120	94	----
Beryllium[1]	4	ug/L	0.16 **U**	0.056 **U**	0.87 **I**	0.47 **I**	1 **I**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.68 **I**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	2.8 **I**	3.9 **I**	2.2 **I**	3 **I**	2.5 **U**	3.6 **I**	2.9 **I**	2.5 **U**	----
Cobalt[3]	140	ug/L	1.6 **U**	1.6 **U**	3.7 **I**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	2.1 **U**	2 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	3700	5400	120000	70000	77000	9700	46000	34000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.049 **I**	0.1 **U**	0.1 **U**	0.029 **I**	0.02 **U**	----
Nickel[1]	100	ug/L	1 **U**	1 **U**	4.1 **I**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	17	12	63	39	55 **V**	23	44	81	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.23 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	7.2 **I**	11	18	8.3 **I**	8.6 **I**	9.2 **I**	23	6.8 **I**	----
Zinc[2]	5000	ug/L	4.5 **I**	3.5 **U**	10 **I**	4 **I**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	45	18	430	250	370	36	210	350	----
Sulfate[2]	250	mg/L	17	3.8	1.2	4.1	5.6	24	9.9	25	----
Total Dissolved Solids[2]	500	mg/L	210	120	990	730	790	180	510	900	----
Nitrogen, Nitrate[1]	10	mg/L	0.035 **I**	0.32	0.071 **I**	0.082 **I**	0.046 **U**	0.01 **U**	0.043 **I**	0.023 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.014 **U**	0.044 **I**	0.078	0.03 **I**	0.035 **I**	0.023 **I**	0.02 **U**	0.025 **I**	----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B45-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			6/13/2005	10/18/2005	4/28/2006	10/27/2006	4/24/2007	11/8/2007	4/21/2008	11/4/2008	12/1/2008
Organic Parameters:											
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0056 **U**	0.0061 **U**	0.0061 **U**	0.0051 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	13	3.5 **I**	3.3 **I**	2.5 **U**	2.5 **U**	3 **I**	----	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	2.2	0.46 **I**	1.4	0.16 **U**	0.95 **I**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0064 **U**	0.0064 **U**	0.0064 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.56 **I**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.84 **I**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B44 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			NS	**10/19/2005**	**4/28/2006**	**10/27/2006**	**4/24/2007**	**11/8/2007**	**4/21/2008**	**11/4/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	----	24.87	22.47	22.27	20.44	23.54	23.03	23.68
Conductivity	NA	umhos/cm	----	136	156	188	211	147	220	182
Dissolved Oxygen	NA	mg/L	----	3.06	1.53	0.58	0.19	0.14	0.45	0.23
pH	6.5-8.5	S.U.	----	4.91	5.71	5.02	5.07	5.65	4.55	5.15
Temperature, Water	NA	deg C	----	24.26	21.87	23.73	20.53	23.08	21	22.47
Turbidity	NA	NTU	----	12.4	10.13	1.36	1.49	5	4.85	5.03
TDS/Conductivity Ratio	NA	None	----	0.74	0.77	0.80	0.71	0.88	0.64	0.88
Inonganic Parameters:										
Antimony[1]	6	ug/L	----	0.4 **U**	0.8 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	----	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	6.2 **IV**	5 **U**
Barium[1]	2000	ug/L	----	5.5 **I**	9.6 **I**	25	32	9 **I**	22	11
Beryllium[1]	4	ug/L	----	0.14 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	----	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	----	2.4 **I**	3.9 **I**	3.4 **I**	2.5 **I**	4.1 **I**	2.5 **U**	3.6 **I**
Cobalt[3]	140	ug/L	----	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	----	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	----	2600	6100	8400	11000	9400	10000	14000
Lead[1]	15	ug/L	----		2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	----	0.012 **U**	0.012 **U**	0.057 **I**	0.1 **U**	0.1 **U**	0.02 **I**	0.02 **U**
Nickel[1]	100	ug/L	----	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	----	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	----	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	----	7.7	9.5	14	16 **V**	7.9	15	11
Thallium[1]	2	ug/L	----	0.12 **U**	0.23 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	----	15	10	5.2 **I**	5 **U**	15	6.6 **I**	13
Zinc[2]	5000	ug/L	----	4.5 **I**	3.9 **I**	7.3 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	----	5.8	11	28	40	8.6	34	21
Sulfate[2]	250	mg/L	----	11	9.7	12	3.4	15	15	12
Total Dissolved Solids[2]	500	mg/L	----	100	120	150	150	130	140	160
Nitrogen, Nitrate[1]	10	mg/L	----	0.6	0.0091 **U**	0.021 **I**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	----	0.037 **I**	0.065	0.014 **U**	0.014 **U**	0.02 **U**	0.02 **U**	0.02 **U**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B44 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			NS	**10/19/2005**	**4/28/2006**	**10/27/2006**	**4/24/2007**	**11/8/2007**	**4/21/2008**	**11/4/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	----	0.0055 **U**	0.006 **U**	0.006 **U**	0.0053 **U**	0.0061 **U**	0.0057 **U**	0.0052 **U**
1,4-Dichlorobenzene[1]	75	ug/L	----	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	----	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	----	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	----	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	----	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	----	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	----	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	----	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0056 **U**	0.0064 **U**	0.006 **U**	0.0065 **U**
Iodomethane	NA	ug/L	----	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	----	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	----	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.41 **I**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	----	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B59-2R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			NS	NS	5/1/2006	10/30/2006	4/25/2007	11/7/2007	4/23/2008	11/5/2008	12/1/2008
Field Parameters:											
Groundwater Elevation	NA	feet	----	----	20.59	20.01	20.23	20.88	25.82	24.8	----
Conductivity	NA	umhos/cm	----	----	1375	1304	1365	1419	1298	1155	1179
Dissolved Oxygen	NA	mg/L	----	----	0.85	0.62	0.1	0.2	0.36	0.14	0.37
pH	6.5-8.5	S.U.	----	----	6.27	6.32	6.44	6.79	6.21	5.98	6.4
Temperature, Water	NA	deg C	----	----	24.19	36.37	22.91	24.7	21.81	24.21	23.63
Turbidity	NA	NTU	----	----	368	80	7.22	7.04	10.94	14.3	15.1
TDS/Conductivity Ratio	NA	None	----	----	1.82	0.66	0.65	0.67	0.66	0.68	----
Inonganic Parameters:											
Antimony[1]	6	ug/L	----	----	0.4 **U**	2 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	----	----	10	3.7 **I**	5 **U**	5 **U**	7.3 **I**	5 **U**	----
Barium[1]	2000	ug/L	----	----	220	180	160	200	150	150	----
Beryllium[1]	4	ug/L	----	----	0.67 **I**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	----	----	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	----	----	26	6.3	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	----	----	1.2 **I**	1 **U**	5 **U**	14	5.9 **I**	5 **U**	----
Copper[3]	1000	ug/L	----	----	4.8 **I**	2.1 **U**	2.5 **U**	3.7 **IV**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	----	----	30000	15000	16000	8100	6100	8500	----
Lead[1]	15	ug/L	----	----	10	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	----	----	0.063 **I**	0.028 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	----	----	8.3	2.3 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	----	----	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	----	----	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	----	----	63	80	76	90	83	65	----
Thallium[1]	2	ug/L	----	----	0.12 **U**	0.58 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	----	----	58	10	5 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	----	----	17 **I**	3.4 **VI**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	----	----	37	39	37	36	31	34	----
Sulfate[2]	250	mg/L	----	----	260	200	240	220	180	120	----
Total Dissolved Solids[2]	500	mg/L	----	----	2500	860	890	950	860	790	----
Nitrogen, Nitrate[1]	10	mg/L	----	----	0.069 **I**	0.046 **U**	0.046 **U**	0.02 **U**	0.02 **U**	0.023 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	----	----	0.86	1	0.69	0.71	0.58	0.5	----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B59-2R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			NS	NS	5/1/2006	10/30/2006	4/25/2007	11/7/2007	4/23/2008	11/5/2008	12/1/2008
Organic Parameters:											
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	----	----	0.006 **U**	0.006 **UQ**	0.0057 **U**	0.0061 **U**	0.0061 **U**	0.0051 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	----	----	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	----	----	0.65 **U**	0.65 **U**	0.96 **I**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	----	----	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.6 **I**	----	5 **U**
Benzene[1]	1	ug/L	----	----	0.86 **I**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	----	----	0.81 **U**	0.81 **U**	0.81 **U**	13	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	----	----	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	----	----	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	----	----	0.0063 **U**	0.0063 **UQ**	0.006 **U**	0.0064 **U**	0.0064 **U**	0.0064 **U**	----
Iodomethane	NA	ug/L	----	----	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	----	----	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	----	----	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	----	----	1.6	0.37 **U**	0.67 **I**	0.37 **U**	0.37 **U**	----	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B61R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/21/2005**	**5/3/2006**	**10/30/2006**	**4/25/2007**	**11/9/2007**	**4/22/2008**	**11/6/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	25.25	26.91	25.55	23.92	21.68	24.53	25.42	25.02
Conductivity	NA	umhos/cm	1982	1711	3841	2067	2064	1855	1629	1160
Dissolved Oxygen	NA	mg/L	1.73	0.98	5.83	0.74	0.76	0.2	0.29	0.48
pH	6.5-8.5	S.U.	6.41	6.56	6.68	6.51	6.66	6.86	6.35	6.51
Temperature, Water	NA	deg C	25.2	27.1	28.31	27.26	25.39	26.05	22.71	25.73
Turbidity	NA	NTU	12	16.3	156	9.73	7.34	4.31	9.09	12.7
TDS/Conductivity Ratio	NA	None	0.55	0.58	0.29	0.63	0.53	0.59	0.58	0.53
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	6.3 **I**	5 **U**
Barium[1]	2000	ug/L	230	260	300	290	260	300	240	160
Beryllium[1]	4	ug/L	0.084 **IV**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	1.1 **I**	0.99 **I**	1.3 **I**	1.8 **I**	9.8	2.9 **I**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	9 **I**	2.8 **I**	4.1 **I**	2.4 **I**	10	12	9 **I**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	11000	13000	23000	12000	9700	12000	12000	10000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.021 **IV**	0.012 **U**	0.018 **VI**	0.1 **U**	0.1 **U**	0.044 **I**	0.02 **U**
Nickel[1]	100	ug/L	2.8 **I**	1.2 **I**	4.7 **I**	7	10	2.6 **I**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	100	97	120	150	120	80	52	29
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	2.5 **I**	1.9 **I**	6.2 **I**	2.9 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	8.8 **I**	7 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	46	41	68	93	69	47	29	26
Sulfate[2]	250	mg/L	250	170	20	5.6	27	300	180	4.1
Total Dissolved Solids[2]	500	mg/L	1100	1000	1100	1300	1100	1100	950	620
Nitrogen, Nitrate[1]	10	mg/L	0.052 **I**	0.92	0.19 **I**	0.091 **U**	0.046 **U**	0.05 **U**	0.05 **U**	0.023 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	29	27	28	32	38	38	29	12 **V**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B61R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/21/2005**	**5/3/2006**	**10/30/2006**	**4/25/2007**	**11/9/2007**	**4/22/2008**	**11/6/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0058 **U**	0.0062 **U**	0.0059 **U**	0.0048 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.43 **I**	0.5 **I**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	4.3 **I**	6.9 **I**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.71 **I**	0.48 **I**	0.17 **U**	0.17 **U**	2.3	1.8	0.57 **I**	0.65 **I**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0061 **U**	0.0065 **U**	0.0062 **U**	0.0061 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.97 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B62-2R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/21/2005**	**5/3/2006**	**10/30/2006**	**4/25/2007**	**11/9/2007**	**4/22/2008**	**11/6/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	25.71	27.08	25.76	24.31	22.51	24.81	25.86	25.36
Conductivity	NA	umhos/cm	2079	1244	2926	1493	1606	1880	1420	1496
Dissolved Oxygen	NA	mg/L	1.97	3.64	0.8	0.26	0.09	0.24	0.16	0.36
pH	6.5-8.5	S.U.	6.39	6.68	6.65	6.5	6.67	6.7	6.45	6.64
Temperature, Water	NA	deg C	23.98	27	25.81	25.29	24.95	25.1	22.77	25.04
Turbidity	NA	NTU	9.1	17.4	7.11	2.37	4.18	2.58	3.3	3.71
TDS/Conductivity Ratio	NA	None	0.45	0.58	0.27	0.43	0.55	0.50	0.49	0.47
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	3.1 **I**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7.7 **I**	5 **U**
Barium[1]	2000	ug/L	130	130	120	100	120	150	99	130
Beryllium[1]	4	ug/L	0.15 **IV**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	1.6 **I**	1.8 **I**	2.2 **I**	2 **I**	19	3.3 **I**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	7.9 **I**	1.6 **U**	2.3 **I**	1 **U**	8.2 **I**	15	6.3 **I**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	22000	17000	21000	16000	7200	19000	14000	15000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.032 **IV**	0.015 **I**	0.018 **VI**	0.1 **U**	0.1 **U**	0.023 **I**	0.02 **U**
Nickel[1]	100	ug/L	2.6 **I**	1 **U**	1.5 **U**	1.5 **I**	11	4.9 **I**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	90	43	56	56	110	88	53	50
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	8.1 **I**	7.3 **I**	7.5 **I**	5.5 **I**	29	8.7 **I**	6.1 **I**	5.3 **I**
Zinc[2]	5000	ug/L	3.7 **I**	7.3 **I**	3.4 **I**	3.2 **U**	13 **I**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	43	25	33	50	74	53	26	33
Sulfate[2]	250	mg/L	8	0.35 **I**	0.26 **U**	0.26 **U**	0.92 **I**	16	3.2	0.28 **U**
Total Dissolved Solids[2]	500	mg/L	930	720	800	640	880	940	690	710
Nitrogen, Nitrate[1]	10	mg/L	0.068 **I**	0.038 **I**	0.083 **I**	0.046 **U**	0.046 **U**	0.05 **U**	0.05 **I**	0.058 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	48	23	33	35	55	50	25	39

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B62-2R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/21/2005**	**5/3/2006**	**10/30/2006**	**4/25/2007**	**11/9/2007**	**4/22/2008**	**11/6/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0058 **U**	0.0061 **U**	0.0064 **U**	0.0048 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **I**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	9.7 **I**	3.7 **U**	3.2 **I**	2.5 **U**	3 **I**	2.5 **U**	9.8 **I**	5 **U**
Benzene[1]	1	ug/L	0.23 **I**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	1.9	0.4 **I**	1.5	0.17 **U**	1.1	2.3	1.9	2.8
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0061 **U**	0.0064 **U**	0.0067 **U**	0.0061 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.93 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
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2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B64 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/11/2005	10/25/2005	5/5/2006	10/24/2006	4/27/2007	11/12/2007	4/24/2008	11/7/2008	12/1/2008
Field Parameters:											
Groundwater Elevation	NA	feet	26.29	26.84	24.14	24.59	23.66	26.06	25.62	26.52	----
Conductivity	NA	umhos/cm	1933	1865	3694	2939	1657	1880	1207	1802	1769
Dissolved Oxygen	NA	mg/L	1.13	1.01	0.61	0.22	0.13	0.38	0.13	0.28	0.42
pH	6.5-8.5	S.U.	5.96	6.44	6.42	6.3	6.19	6.72	6.42	6.43	6.46
Temperature, Water	NA	deg C	20.75	20.8	22.72	22.92	21.23	22.51	20.96	22.79	20.43
Turbidity	NA	NTU	4.2	18.4	4.68	2.16	8.48	2.58	4.14	9.58	8.22
TDS/Conductivity Ratio	NA	None	0.52	0.54	0.30	0.32	0.58	0.53	0.53	0.53	----
Inonganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	6 **I**	2.8 **U**	3.9 **I**	7.5 **I**	5 **U**	5 **U**	5 **U**	----
Barium[1]	2000	ug/L	250	310	340	250	400	340	200	340	----
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.72 **I**	----
Chromium[1]	100	ug/L	0.67 **I**	0.94 **I**	0.65 **U**	1.2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	7.7 **I**	1.6 **U**	5.9 **I**	1 **U**	7.5 **I**	8.2 **I**	15	5.2 **I**	----
Copper[3]	1000	ug/L	2 **IV**	1.1 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	62000 **V**	59000	57000	48000	60000	46000	40000	46000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.041 **IV**	0.015 **I**	0.031 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.028 **IV**	----
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	1.9 **U**	0.91 **U**	0.98 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	93	100	95	94	100	94	67	91	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	1.6 **I**	0.9 **I**	1.7 **I**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	3.5 **U**	11 **I**	10 **I**	3.9 **I**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	28	160	140	160	140	140	84	130	----
Sulfate[2]	250	mg/L	0.08 **I**	0.24 **I**	4.6	38	5.7	3.4	1.5	4.2	----
Total Dissolved Solids[2]	500	mg/L	1000	1000	1100	940	960	1000	640	960	----
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.047 **I**	0.046 **U**	0.046 **U**	0.046 **U**	0.02 **U**	0.02 **U**	0.058 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	1.2	5.6	6	2.5	8	5.2	2.1	11	----

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B64 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/11/2005	10/25/2005	5/5/2006	10/24/2006	4/27/2007	11/12/2007	4/24/2008	11/7/2008	12/1/2008
Organic Parameters:											
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.006 **U**	0.0062 **U**	0.0061 **U**	0.0049 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	5.6 **I**	3.7 **U**	3.2 **I**	2.5 **U**	2.9 **I**	2.5 **U**	5.4 **I**	----	5 **U**
Benzene[1]	1	ug/L	0.39 **I**	0.42 **I**	0.61 **I**	0.16 **U**	0.26 **I**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	12	11	16	6.1	7.4	11	1.9	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.0063 **U**	0.0065 **U**	0.0064 **U**	0.0062 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Leve
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B65 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/5/2005	**10/18/2005**	**5/1/2006**	**10/24/2006**	**4/23/2007**	**11/7/2007**	**4/21/2008**	**11/3/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	24.39	24.52	20.67	14.94	16.17	24.07	22.77	24.22
Conductivity	NA	umhos/cm	767	833	758	746	1084	629	555	662
Dissolved Oxygen	NA	mg/L	1.76	3.4	0.78	5.8	1.37	0.16	0.19	0.13
pH	6.5-8.5	S.U.	5.72	5.72	5.66	5.75	5.6	6.04	5.82	5.71
Temperature, Water	NA	deg C	19.7	23.72	19.48	19.04	21.6	23.53	20.16	22.28
Turbidity	NA	NTU	1.6	2.38	0.01 **U**	3	1.3	1.5	1.7	1.05
TDS/Conductivity Ratio	NA	None	0.64	0.56	0.63	0.67	0.69	0.75	0.68	0.69
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.92 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	5.2 **I**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7.7 **I**	5 **U**
Barium[1]	2000	ug/L	59	73	60	72	97	62	43	62
Beryllium[1]	4	ug/L	0.4 **I**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.68 **I**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	5.3	2.4 **I**	3.7 **I**	2.9 **I**	4.6 **I**	3.8 **I**	3.8 **I**	3.4 **I**
Cobalt[3]	140	ug/L	6.5 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	2.6 **I**	1.5 **I**	2.1 **U**	2.1 **U**	2.5 **U**	4.7 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	2300	2500	2500	1200	2400	1800	2200	1900
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.14 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1.3 **I**	1.6 **I**	1.6 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	6.6 **I**	3.3 **I**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	3.6 **I**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	37 **V**	40	40	38	57	37	33	34
Thallium[1]	2	ug/L	0.14 **I**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.92 **I**	1.8 **I**	3.2 **I**	3.7 **I**	5 **U**	6.2 **I**	5 **U**	5.7 **I**
Zinc[2]	5000	ug/L	28	3.5 **U**	8.6 **I**	5.5 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	61	69	63	60	91	28	41	33
Sulfate[2]	250	mg/L	56	14	4	54	320	70	4.7	47
Total Dissolved Solids[2]	500	mg/L	490	470	480	500	750	470	380	460
Nitrogen, Nitrate[1]	10	mg/L	0.023 **I**	0.018 **U**	0.3	0.018 **U**	0.018 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.92	1.5	1.1	0.87	0.42	0.37	0.33	0.53

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B65 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/5/2005	**10/18/2005**	**5/1/2006**	**10/24/2006**	**4/23/2007**	**11/7/2007**	**4/21/2008**	**11/3/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0052 **U**	0.0059 **U**	0.0058 **U**	0.0052 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.63 **I**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0055 **U**	0.0062 **U**	0.0061 **U**	0.0065 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B66 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/21/2005**	**5/3/2006**	**10/30/2006**	**4/25/2007**	**11/9/2007**	**4/22/2008**	**11/6/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	26.07	25.51	25.62	24.67	22.52	25.42	26.26	25.41
Conductivity	NA	umhos/cm	547	392	1364	989	827	439	600	419
Dissolved Oxygen	NA	mg/L	4.03	0.64	2.84	1.77	1.18	1.63	0.44	2.58
pH	6.5-8.5	S.U.	6.61	6.73	6.81	6.69	6.6	6.58	6.54	6.78
Temperature, Water	NA	deg C	22.6	26.1	25.61	24.7	22.38	24.41	22.23	23.95
Turbidity	NA	NTU	3	5.13	2.1	14.1	62.7	23.7	3.5	1.38
TDS/Conductivity Ratio	NA	None	0.55	0.61	0.29	0.47	0.62	0.64	0.60	0.55
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.7 **I**	0.55 **I**	0.89 **I**	0.5 **I**	0.95 **I**	0.71 **I**	0.6 **I**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	28	25	41	40	45	37	39	29
Beryllium[1]	4	ug/L	0.12 **IV**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.56 **I**	0.5 **U**
Chromium[1]	100	ug/L	0.94 **I**	0.62 **I**	0.65 **U**	1.5 **I**	15	4 **I**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	2.2 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	6.4	2.6 **I**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	260	320	910	1100	2200	750	370	86
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.032 **IV**	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.6 **I**	7.3	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	25	7	37	110	73	9.4	37	7
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	14	12	20	10 **I**	21	17	17	9.2 **I**
Zinc[2]	5000	ug/L	4.1 **I**	3.5 **U**	3.2 **U**	4.8 **VI**	14 **I**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	20	5.9	48	160	95	7.6	50	6.6
Sulfate[2]	250	mg/L	34	12	36	24	50	30	41	11
Total Dissolved Solids[2]	500	mg/L	300	240	400	460	510	280	360	230
Nitrogen, Nitrate[1]	10	mg/L	0.31	0.69	0.21	0.22	0.018 **U**	0.26	0.072	0.7
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.014 **U**	0.018 **I**	0.076	0.035 **I**	0.066	0.02 **U**	0.02 **U**	0.02 **U**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B66 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/12/2005	**10/21/2005**	**5/3/2006**	**10/30/2006**	**4/25/2007**	**11/9/2007**	**4/22/2008**	**11/6/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.0058 **U**	0.0064 **U**	0.0059 **U**	0.0048 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.0061 **U**	0.0068 **U**	0.0062 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.97 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B70-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/3/2005	**10/20/2005**	**5/1/2006**	**10/27/2006**	**4/24/2007**	**11/8/2007**	**4/22/2008**	**11/4/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	21.22	24.96	20.86	19.71	19.21	22.78	21.36	23.14
Conductivity	NA	umhos/cm	207	226	438	125	126	323	339	265
Dissolved Oxygen	NA	mg/L	1.32	0.34	1.4	0.79	0.18	0.33	0.37	0.69
pH	6.5-8.5	S.U.	4.77	5.78	6.16	4.94	5.2	5.93	5.32	5.46
Temperature, Water	NA	deg C	21.7	26.6	22.47	25.7	22.53	24.98	21.64	23.88
Turbidity	NA	NTU	12	17.5	57.4	51	10.79	4.6	3.3	6
TDS/Conductivity Ratio	NA	None	0.68	0.66	0.34	0.78	1.51	0.53	0.65	0.57
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	3.5 **I**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	6.5 **I**	5 **U**
Barium[1]	2000	ug/L	34	21	28	24	39	33	44	24
Beryllium[1]	4	ug/L	0.5 **I**	0.28 **I**	0.25 **I**	0.35 **I**	0.67 **I**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	1.6 **I**	2.2 **I**	2.4 **I**	4.2 **I**	14	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.6 **U**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	4 **I**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	14000	6500	9400	11000	9300	6800	10000	3300
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.045 **IV**	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	3.1 **I**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	8.6	7.7	8.5	7.7	8.9 **V**	8.4	14	8
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	5.7 **I**	9 **I**	11	14	22	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	23	21	5.5 **I**	10 **U**	10 **U**	14 **I**	10 **U**
Chloride[2]	250	mg/L	14	11	14	10	12	13	37	12
Sulfate[2]	250	mg/L	55	31	24	19	20	49	59	23
Total Dissolved Solids[2]	500	mg/L	140	150	150	98	190	170	220	150
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.0091 **U**	0.43	0.015 **I**	0.0091 **U**	0.01 **U**	0.01 **U**	0.29
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.056	0.04 **I**	0.28	0.34	0.082	0.02 **U**	0.024 **I**	0.02 **U**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B70-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/3/2005	10/20/2005	5/1/2006	10/27/2006	4/24/2007	11/8/2007	4/22/2008	11/4/2008
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0059 **U**	0.0061 **U**	0.0051 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0062 **U**	0.0064 **U**	0.0065 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B71 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/5/2005	**10/20/2005**	**5/1/2006**	**10/27/2006**	**4/24/2007**	**11/8/2007**	**4/22/2008**	**11/4/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	22.66	24.01	21.5	19.96	19.01	23.25	22.75	23.45
Conductivity	NA	umhos/cm	311	295	241	366	493	379	476	588
Dissolved Oxygen	NA	mg/L	1.28	0.32	1.09	0.87	0.43	0.13	0.24	0.15
pH	6.5-8.5	S.U.	5.13	5.58	5.38	5.27	5.79	6.07	5.69	5.76
Temperature, Water	NA	deg C	21.5	27	23.05	26.5	23.73	24.84	22.32	23.92
Turbidity	NA	NTU	5.1	3.19	8.56	3	1.39	8.7	2.13	0.99
TDS/Conductivity Ratio	NA	None	0.61	0.61	0.66	0.77	0.69	0.71	0.67	0.73
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.6 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	3.2 **I**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5.7 **I**	5.9 **I**	5 **U**
Barium[1]	2000	ug/L	32	28	28	39	54	34	39	44
Beryllium[1]	4	ug/L	0.32 **I**	0.34 **I**	0.17 **I**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	4.4 **I**	3.8 **I**	4.7 **I**	3.8 **I**	3 **I**	2.5 **I**	2.6 **I**	2.5 **U**
Cobalt[3]	140	ug/L	2.1 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.82 **I**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.8 **I**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	16000	13000	12000	19000	22000	3700	6500	2600
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.018 **IV**	0.014 **I**	0.038 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1.8 **IV**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	15 **V**	13	15	19	19 **V**	8.2	10	8.8
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	16	14	19	13	9.6 **I**	11	11	9.8 **I**
Zinc[2]	5000	ug/L	9 **I**	6.2 **I**	5.9 **I**	3.2 **U**	10 **U**	39	38	10 **U**
Chloride[2]	250	mg/L	17	10	11	8	8.9	11	7.9	12
Sulfate[2]	250	mg/L	72	58	54	120	150	54	86	73
Total Dissolved Solids[2]	500	mg/L	190	180	160	280	340	270	320	430
Nitrogen, Nitrate[1]	10	mg/L	0.014 **I**	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.035 **I**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.44	0.39	0.41	0.35	0.22	0.11	0.13	0.13

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B71 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/5/2005	10/20/2005	5/1/2006	10/27/2006	4/24/2007	11/8/2007	4/22/2008	11/4/2008
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0059 **U**	0.006 **U**	0.005 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	3 **I**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0062 **U**	0.0063 **U**	0.0064 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

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MCL = Maximum Contaminat Level
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[3] = Parameter MCL is a Groundwater Clean-up Target Level (62-777 F.A.C.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
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Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B72 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/5/2005	**10/20/2005**	**5/1/2006**	**10/30/2006**	**4/24/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	23.18	22.93	20.28	19.93	18.96	22.86	22.83	22.96
Conductivity	NA	umhos/cm	1628	730	360	412	466	525	522	414
Dissolved Oxygen	NA	mg/L	1.55	0.84	1.1	1.22	0.47	0.42	0.33	0.43
pH	6.5-8.5	S.U.	5.86	6.54	6.17	5.95	6.19	6.7	5.85	6
Temperature, Water	NA	deg C	21.2	27	23.7	25.26	24.7	25.23	22.92	24.58
Turbidity	NA	NTU	70	46.6	42	5.21	11.3	13.9	10.78	4.28
TDS/Conductivity Ratio	NA	None	0.68	0.60	0.61	0.44	0.60	0.55	0.59	0.68
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.76 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	3.1 **I**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5.3 **I**	5 **U**
Barium[1]	2000	ug/L	97	36	27	35	34	45	34	34
Beryllium[1]	4	ug/L	0.056 **U**	0.097 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	1.4 **I**	0.78 **I**	0.99 **I**	0.91 **I**	2.5 **U**	5 **I**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	11	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	1.4 **I**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.8 **I**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	6100	5000	16000	9600	12000	8700	1600	2100
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.027 **VI**	0.1 **U**	0.1 **U**	0.03 **I**	0.02 **U**
Nickel[1]	100	ug/L	4.2 **IV**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	31 **V**	12	32	29	34 **V**	16	16	12
Thallium[1]	2	ug/L	0.15 **I**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	3.8 **I**	3.2 **I**	1.8 **I**	1.6 **U**	5 **U**	6.4 **I**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	93	66	27	4.8 **VI**	10 **I**	21	34	27
Chloride[2]	250	mg/L	20	12	14	11	13	10	13	8.6
Sulfate[2]	250	mg/L	650	110	15	40	43	46	46	39
Total Dissolved Solids[2]	500	mg/L	1100	440	220	180	280	290	310	280
Nitrogen, Nitrate[1]	10	mg/L	0.36	0.0091 **U**	0.036 **I**	0.12	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.014 **U**	0.099	0.048 **I**	0.014 **U**	0.017 **I**	0.02 **U**	0.02 **U**	0.02 **U**

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B72 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/5/2005	**10/20/2005**	**5/1/2006**	**10/30/2006**	**4/24/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.006 **U**	0.006 **U**	0.0049 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0063 **U**	0.0063 **U**	0.0062 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
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[1] = Parameter MCL is a Primary Drinking Water Standard (62-550 F.A.C.)
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2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B73-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/6/2005	**10/20/2005**	**5/2/2006**	**10/30/2006**	**4/25/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	23.48	22.96	20.36	19.76	18.85	22.85	22.65	22.93
Conductivity	NA	umhos/cm	500	347	1256	318	349	404	495	380
Dissolved Oxygen	NA	mg/L	1.34	2	0.42	0.73	0.26	0.3	0.37	0.36
pH	6.5-8.5	S.U.	6.07	6.42	6.79	6.46	6.77	6.75	6.12	6.09
Temperature, Water	NA	deg C	21.1	27.1	24.25	25.88	23.93	24.54	22.62	24.3
Turbidity	NA	NTU	30	68.2	9.27	52	4.27	12.2	17.9	8.96
TDS/Conductivity Ratio	NA	None	0.68	0.81	0.31	0.69	0.66	0.67	0.63	0.79
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	8.6 **I**	11	18	6.1 **I**	5 **I**	20	16	22
Barium[1]	2000	ug/L	58	49	50	46	30	45	37	41
Beryllium[1]	4	ug/L	0.087 **I**	0.14 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	4.5 **I**	2.6 **I**	0.83 **I**	5 **I**	2.5 **U**	3.8 **I**	2.5 **U**	2.6 **I**
Cobalt[3]	140	ug/L	7.8 **I**	6.2 **I**	4.3 **I**	3.6 **I**	5 **U**	8.3 **I**	10	10
Copper[3]	1000	ug/L	0.83 **I**	1.8 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	5500	6500	15000	4200	1800	12000	8100	14000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.046 **IV**	0.014 **I**	0.029 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	5.6 **V**	5	1.8 **I**	3.1 **I**	2.7 **I**	6.2	2.5 **U**	3.9 **I**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	22 **V**	10	21 **V**	10	7.6	7	12	8.1
Thallium[1]	2	ug/L	0.12 **U**	0.13 **I**	0.12 **U**	0.12 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	6.4 **I**	3.2 **I**	1.6 **U**	6.6 **I**	5 **U**	7.5 **I**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	100	120	81	63 **V**	45	95	56	81
Chloride[2]	250	mg/L	18	10	14	4.9	6.5	5.7	7.4	7
Sulfate[2]	250	mg/L	30	13	19	37	26	8.6	15	8
Total Dissolved Solids[2]	500	mg/L	340	280	390	220	230	270	310	300
Nitrogen, Nitrate[1]	10	mg/L	0.25	0.11	0.038 **I**	0.042 **I**	0.015 **I**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.17	0.26	0.15	0.014 **U**	0.029 **I**	0.087	0.054	0.063

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B73-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/6/2005	**10/20/2005**	**5/2/2006**	**10/30/2006**	**4/25/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0056 **U**	0.0061 **U**	0.0058 **U**	0.0047 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	8.2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.3 **I**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0064 **U**	0.0061 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B74 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/6/2005	**10/19/2005**	**5/4/2006**	**10/30/2006**	**4/25/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	17.98	18.18			14.98	21.13	23.05	22.52
Conductivity	NA	umhos/cm	218	109	593	178	344	1597	242	227
Dissolved Oxygen	NA	mg/L	1.47	0.5	5.85	0.38	0.28	0.18	0.32	0.22
pH	6.5-8.5	S.U.	4.39	5.07	5.88	5.26	5.61	6.77	4.98	5.31
Temperature, Water	NA	deg C	20.7	25.87	26.89	26.49	23.1	24.35	22.35	24.2
Turbidity	NA	NTU	7.2	3.13	3.55	1.66	1.41	11.8	4.65	2.63
TDS/Conductivity Ratio	NA	None	0.78	0.57	0.46	0.84	0.78	0.60	0.79	0.88
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	8.1 **I**	7.3 **I**	5 **U**
Barium[1]	2000	ug/L	24	13	23	16	23	130	8.8 **I**	7.3 **I**
Beryllium[1]	4	ug/L	0.18 **I**	0.15 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	1.3 **I**	1.4 **I**	4 **I**	4.2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.7 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	17	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.84 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	1100	360	4100	1500	1200	44000	820	250
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.013 **I**	0.019 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	5.6 **V**	4.7 **I**	1.5 **U**	3.3 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	13 **V**	8.1	13	12	15	51	7.5	6.5
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	5.1 **I**	6 **I**	5.3 **I**	7.8 **I**	5 **U**	5.6 **I**	5.1 **I**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	3.6 **I**	9.4 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	13	8.4	9.3	6.1	6.7	56	11	7.4
Sulfate[2]	250	mg/L	53	15	23	12	63	83	17	9.7
Total Dissolved Solids[2]	500	mg/L	170	62	270	150	270	960	190	200
Nitrogen, Nitrate[1]	10	mg/L	0.087	0.081	0.024 **I**	0.034 **I**	0.0091 **U**	0.02 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.04 **I**	0.042 **I**	0.45	0.11	0.19	1.8	0.024 **I**	0.052

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B74 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/6/2005	**10/19/2005**	**5/4/2006**	**10/30/2006**	**4/25/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.0058 **U**	0.006 **U**	0.006 **U**	0.0049 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	1 **I**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	11	4.1 **I**	2.9 **I**	2.5 **U**	2.5 **U**	2.5 **U**	3 **I**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.006 **U**	0.0063 **U**	0.0063 **U**	0.0062 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B75 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/6/2005	**10/19/2005**	**5/4/2006**	**10/30/2006**	**4/25/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Field Parameters:										
Groundwater Elevation	NA	feet	22.03	22.14	20.54	20.19	19.72	19.95	23.69	23.1
Conductivity	NA	umhos/cm	532	1245	2635	1345	1704	217	1500	1488
Dissolved Oxygen	NA	mg/L	1.15	0.36	1.39	0.48	0.16	0.19	0.26	0.14
pH	6.5-8.5	S.U.	5.59	6.3	6.44	6.29	6.51	5.79	5.96	6.02
Temperature, Water	NA	deg C	20.5	24.7	27.15	26.33	23.63	24.71	22.81	23.85
Turbidity	NA	NTU	85	14	20	17	12.8	0.09	13.8	10.63
TDS/Conductivity Ratio	NA	None	0.73	0.58	0.33	0.57	0.65	0.92	0.58	0.63
Inonganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	2 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	7.8 **I**	14	21	5 **U**	7.4 **I**	5 **U**
Barium[1]	2000	ug/L	21	63	92	110	120	12	100	120
Beryllium[1]	4	ug/L	0.056 **U**	0.083 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.7 **I**
Chromium[1]	100	ug/L	6.2	2.1 **I**	2.6 **I**	2.2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	3.9 **I**	1.6 **U**	1 **U**	1 **U**	7 **I**	5 **U**	12	6 **I**
Copper[3]	1000	ug/L	2 **I**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	3.1 **I**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	2000	9400	37000	42000	52000	710	35000	40000
Lead[1]	15	ug/L	2.4 **I**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.028 **I**	0.012 **U**	0.033 **I**	0.03 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	3.5 **IV**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	5.2 **I**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	21 **V**	52	55	54	51	5.3	46	50
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.58 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	15	5.3 **I**	5.6 **I**	4.7 **I**	5 **U**	6.3 **I**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	8.8 **I**	14 **I**	7.6 **I**	8.3 **VI**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	22	56	58	56	48	7.1	47	56
Sulfate[2]	250	mg/L	16	1.9	62	91	130	6.1	36	68
Total Dissolved Solids[2]	500	mg/L	390	720	880	770	1100	200	870	930
Nitrogen, Nitrate[1]	10	mg/L	0.018 **U**	0.018 **U**	0.046 **U**	0.046 **U**	0.046 **U**	0.01 **U**	0.02 **U**	0.058 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	3	6.8	1.5	1.8	1.7	0.04 **I**	1.6	1.5

2009 Biannual, Tamoka Farms, Volusia County, Florida
Zone 1 and 2 Monitoring Well B75 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	**Fall 2005**	**Spring 2006**	**Fall 2006**	**Spring 2007**	**Fall 2007**	**Spring 2008**	Fall 2008
			5/6/2005	**10/19/2005**	**5/4/2006**	**10/30/2006**	**4/25/2007**	**11/8/2007**	**4/22/2008**	**11/5/2008**
Organic Parameters:										
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.011 **U**	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.0058 **U**	0.0061 **U**	0.006 **U**	0.0048 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.72 **I**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	4.1 **I**	5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	1	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.02 **U**	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.006 **U**	0.0064 **U**	0.0063 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B1-B Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/23/2007	11/7/2007	4/22/2008	11/3/2008	11/26/2008
Field Parameter:											
Conductivity	NA	umhos/cm	611	1362	1620	1583	1721	1321	1076	1253	1242
Dissolved Oxygen	NA	mg/L	5.08	2.61	0.54	4.38	0.13	0.14	0.31	0.2	0.32
Groundwater Elevation	NA	feet	19.61	21.71	17.1	14.81	15.03	20.43	18.83	21.58	----
pH[3]	6.5-8.5	S.U.	5.95	6	6.08	6.13	6.25	6.23	6.05	5.95	6.36
Temperature, Water	NA	deg C	21.78	22.92	22.03	22.94	23.42	22.88	22.98	22.73	22.65
Turbidity	NA	NTU	7.1	9.83	4.22	10	1.43	7.5	11	0.73	2.9
TDS/Conductivity Ratio	NA	None	1.37	0.53	0.59	0.63	0.56	0.55	0.59	0.59	----
Inorganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5.6 **I**	5 **U**	----
Barium[1]	2000	ug/L	110	270	310	360	360	290	190	240	----
Beryllium[1]	4	ug/L	0.068 **I**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.64 **I**	0.5 **U**	----
Chromium[1]	100	ug/L	0.63 **I**	1.3 **I**	1.9 **I**	1.9 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	6.2 **I**	1.6 **U**	2 **I**	1.1 **I**	5 **U**	9.7 **I**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	1.6 **I**	2 **I**	2.1 **U**	2.1 **U**	2.5 **U**	4 **IV**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	7200	24000	25000	28000	26000	21000	18000	20000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.097 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	1 **U**	1.6 **I**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	29	68	83	90	91	65	43	56	----
Thallium[1]	2	ug/L	0.12 **U**	0.19 **IV**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	0.86 **I**	1.3 **I**	2.9 **I**	2.7 **I**	5 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	9.6 **I**	5.8 **I**	6 **I**	6.1 **I**	10 **U**	10 **U**	11 **I**	10 **U**	----
Chloride[2]	250	mg/L	110	130	130	130	140	110	68	50	----
Sulfate[2]	250	mg/L	58	44	26	17	16	80	110	63	----
Total Dissolved Solids[2]	500	mg/L	840	720	950	1000	970	730	640	740	----
Nitrogen, Nitrate[1]	10	mg/L	0.19	0.018 **U**	0.046 **U**	0.046 **U**	0.046 **U**	0.02 **U**	0.14	0.53	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.18	14	12	14	13	8.1	5.6	6.9	----

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B1-B Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/23/2007	11/7/2007	4/22/2008	11/3/2008	11/26/2008
Organic Parameters:											
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0061 **U**	0.0062 **U**	0.0048 **U**	----
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	----	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.8 **I**	----	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	----	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	1.5	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	1	0.17 **U**	0.78 **I**	0.52 **I**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0064 **U**	0.0065 **U**	0.0061 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	----	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			10/26/2005	NS	5/3/2006	10/31/2006	4/27/2007	11/12/2007	4/23/2008	11/7/2008
Field Parameter:										
Conductivity	NA	umhos/cm	749	----	1295	692	802	985	988	986
Dissolved Oxygen	NA	mg/L	0.36	----	1.05	0.51	0.11	0.26	0.25	0.13
Groundwater Elevation	NA	feet	25.51	----	23.86	23.21	22.1	24.13	26.93	27.35
pH[3]	6.5-8.5	S.U.	5.39	----	5.4	5.17	5.48	5.58	5.25	5.18
Temperature, Water	NA	deg C	24.13	----	24.55	26.57	23.35	25.09	23.3	25.2
Turbidity	NA	NTU	1100	----	9.07	7.95	5.13	8.92	19.6	8.42
TDS/Conductivity Ratio	NA	None	0.76	----	0.42	0.61	0.67	0.71	0.71	0.78
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	----	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	5.6 **I**	----	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7 **I**	5 **U**
Barium[1]	2000	ug/L	320	----	150	140	150	170	150	160
Beryllium[1]	4	ug/L	4.9	----	1.4	1.4	1.5	1.9	1.8	1.7
Cadmium[1]	5	ug/L	0.34 **U**	----	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	68	----	6	5.3	4.1 **I**	5.7	5.2	5.6
Cobalt[3]	140	ug/L	7.5 **I**	----	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	11	----	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	31000	----	21000	22000	28000	38000	34000	35000
Lead[1]	15	ug/L	33	----	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.15 **I**	----	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.035 **IV**
Nickel[1]	100	ug/L	20	----	1.8 **I**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.6 **I**
Selenium[1]	50	ug/L	3.1 **U**	----	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	1.9 **U**	----	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	32 **V**	----	35	34	34	34	32	32
Thallium[1]	2	ug/L	0.29 **I**	----	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	84	----	14	14	13	13	12	12
Zinc[2]	5000	ug/L	32	----	4.1 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	36	----	34	36	38	36	37	34
Sulfate[2]	250	mg/L	190	----	230	200	240	360	370	400
Total Dissolved Solids[2]	500	mg/L	570	----	550	420	540	700	700	770
Nitrogen, Nitrate[1]	10	mg/L	0.018 **U**	----	0.011 **I**	0.046 **U**	0.0091 **U**	0.02 **U**	0.01 **U**	0.023 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	1.9	----	2.5	2.3	2.3	2.7	2.2	2.9

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			10/26/2005	NS	5/3/2006	10/31/2006	4/27/2007	11/12/2007	4/23/2008	11/7/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	----	0.006 **U**	0.006 **U**	0.0058 **U**	0.0062 **U**	0.0059 **U**	0.0052 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	----	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	----	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	----	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	----	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	----	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	----	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	----	0.17 **U**	0.17 **U**	0.17 **U**	0.24 **I**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	----	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	----	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	----	0.0063 **U**	0.0063 **U**	0.0061 **U**	0.0065 **U**	0.0062 **U**	0.0066 **U**
Iodomethane	NA	ug/L	0.52 **U**	----	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	----	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	----	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	----	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	----	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B-5 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/12/2005	10/21/2005	5/5/2006	10/27/2006	4/27/2007	11/9/2007	4/24/2008	11/7/2008
Field Parameter:										
Conductivity	NA	umhos/cm	922	829	1656	1064	1123	893	1014	1026
Dissolved Oxygen	NA	mg/L	2.88	1.02	1.12	0.27	0.14	0.16	0.25	0.32
Groundwater Elevation	NA	feet	27.86	29.01	26.81	25.66	24.97	27.97	26.94	27.62
pH[3]	6.5-8.5	S.U.	6.41	6.63	6.65	6.44	6.53	6.63	6.14	6.58
Temperature, Water	NA	deg C	22.4	26.4	22.7	23.42	22.15	23.71	22.88	23.89
Turbidity	NA	NTU	4.5	2.61	11.8	1.42	3.87	4	1.26	1.86
TDS/Conductivity Ratio	NA	None	0.55	0.63	0.30	0.64	0.57	0.60	0.57	0.60
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	86	87	92	96	91	110	120	120
Beryllium[1]	4	ug/L	0.11 **IV**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	0.6 **U**	0.65 **U**	0.65 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	3.3 **I**	1.6 **U**	1.5 **I**	1 **U**	5 **U**	5 **U**	12	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	17000	16000	17000	18000	19000	18000	19000	20000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.033 **IV**	0.016 **I**	0.016 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	34	33	34	47	49	33	46	41
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.73 **U**	0.73 **U**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.7 **I**	10 **I**	3.2 **U**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	27	28	28	43	34	25	28	26
Sulfate[2]	250	mg/L	16	25	20	2.5	1.6 **I**	16	5.8	1.4
Total Dissolved Solids[2]	500	mg/L	510	520	500	680	640	540	580	620
Nitrogen, Nitrate[1]	10	mg/L	0.018 **U**	0.05 **I**	0.029 **I**	0.018 **U**	0.046 **U**	0.01 **U**	0.02 **U**	0.023 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.23	0.22	0.2	0.12	0.16	0.14	0.098	0.14

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B-5 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/12/2005	10/21/2005	5/5/2006	10/27/2006	4/27/2007	11/9/2007	4/24/2008	11/7/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	3.5	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0058 **U**	0.0062 **U**	0.0063 **U**	0.0049 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **I**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.72 **I**	0.18 **I**	0.51 **I**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.36 **I**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	29	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0061 **U**	0.0065 **U**	0.0066 **U**	0.0062 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.98 **I**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	1 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	2.6	1.2	1.8	0.37 **U**	0.52 **I**	1.8	250	1.4
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.57 **I**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida

Zone 6 Monitoring Well B8 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/19/2005	NS	NS	NS	11/8/2007	4/23/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	522	513	----	----	----	683	628	620
Dissolved Oxygen	NA	mg/L	1.73	0.86	----	----	----	0.33	0.25	0.19
Groundwater Elevation	NA	feet	21.02	22.34	----	----	----	19.81	18.11	21.19
pH[3]	6.5-8.5	S.U.	6.2	6.53	----	----	----	6.73	6.15	6.58
Temperature, Water	NA	deg C	21.5	26.06	----	----	----	24.16	23.93	23.99
Turbidity	NA	NTU	2.2	0.55	----	----	----	0.04	1.9	2.26
TDS/Conductivity Ratio	NA	None	0.57	0.47	----	----	----	0.56	0.64	0.60
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	----	----	----	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	----	----	----	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	17	22	----	----	----	34	35	32
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	----	----	----	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	----	----	----	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	0.63 **I**	----	----	----	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	2.4 **I**	1.6 **U**	----	----	----	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	1.4 **I**	0.47 **U**	----	----	----	5	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	170	320	----	----	----	2000	3200	1200
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	----	----	----	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	----	----	----	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	----	----	----	2.8 **I**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	4.4 **I**	3.1 **U**	----	----	----	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	----	----	----	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	29	32	----	----	----	32	36	37
Thallium[1]	2	ug/L	0.16 **I**	0.12 **U**	----	----	----	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.73 **U**	0.73 **U**	----	----	----	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	32	3.5 **U**	----	----	----	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	28	32	----	----	----	43	52	50
Sulfate[2]	250	mg/L	25	21	----	----	----	63	21	15
Total Dissolved Solids[2]	500	mg/L	300	240	----	----	----	380	400	370
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.0091 **U**	----	----	----	0.12	0.059	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	3.9	1.6	----	----	----	4.8	0.18	0.19 **V**

2009 Biennial, Tamoka Farms, Volusia Couty, Florida

Zone 6 Monitoring Well B8 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/19/2005	NS	NS	NS	11/8/2007	4/23/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	----	----	----	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	----	----	----	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	----	----	----	0.006 **U**	0.0059 **U**	0.0055 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	----	----	----	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	----	----	----	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	----	----	----	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	----	----	----	2.5 **U**	2.6 **I**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	----	----	----	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	----	----	----	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	1	0.49 **U**	----	----	----	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	----	----	----	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	----	----	----	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	----	----	----	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	----	----	----	0.0063 **U**	0.0062 **U**	0.0069 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	----	----	----	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	----	----	----	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	----	----	----	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	----	----	----	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	----	----	----	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL

MCL = Maximum Contaminat Level

NA = Not Available

NS = Not Sampled

---- = Not Tested

[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.)

I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B8-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/19/2005	5/3/2006	10/31/2006	4/25/2007	11/7/2007	4/23/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	496	390	969	515	644	624	583	708
Dissolved Oxygen	NA	mg/L	0.8	0.67	1.26	0.64	0.07	0.35	0.26	0.26
Groundwater Elevation	NA	feet	25.92	27.65	26.05	25.7	25.18	27.08	26.6	27.42
pH[3]	6.5-8.5	S.U.	5.35	5.49	5.25	5.1	5.46	5.97	5.28	5.74
Temperature, Water	NA	deg C	22.3	25.9	23.16	27.6	23.73	24.08	23.89	24.83
Turbidity	NA	NTU	9.5	4.76	1.72	4	0.34	0.74	1.05	0.31
TDS/Conductivity Ratio	NA	None	0.69	0.67	0.47	0.85	0.68	0.69	0.69	0.62
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.64 **I**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7 **I**	5 **U**
Barium[1]	2000	ug/L	56	60	64	72	72	71	65	74
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	1.1 **I**	0.91 **I**	0.65 **U**	0.76 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	3.1 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	4.1 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	19000	15000	18000	19000	19000	18000	18000	19000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.083 **VI**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1.**1 I**	1.**7 I**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	21	22	20	20	20	19	17	22
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	1.3 **I**	0.73 **U**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	4.4 **I**	3.5 **I**	3.2 **U**	6.4 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	15	20	85	58	54	47	52	78
Sulfate[2]	250	mg/L	150	130	79	130	140	160	150	130
Total Dissolved Solids[2]	500	mg/L	340	260	460	440	440	430	400	440
Nitrogen, Nitrate[1]	10	mg/L	0.28	0.0091 **U**	0.033 **I**	0.089	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.12	0.098	0.1	0.03 **I**	0.059	0.047 **I**	0.042 **I**	0.073 **V**

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B8-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/19/2005	5/3/2006	10/31/2006	4/25/2007	11/7/2007	4/23/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0059 **U**	0.0059 **U**	0.0048 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	1.3 **I**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0062 **U**	0.0062 **U**	0.0061 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B-32 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/10/2005	10/25/2005	5/2/2006	10/31/2006	4/26/2007	11/7/2007	4/23/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	397	379	791	382	462	441	457	517
Dissolved Oxygen	NA	mg/L	0.24	0.58	0.75	1.03	0.14	0.26	0.11	0.39
Groundwater Elevation	NA	feet	28.56	28.61	26.01	25.66	25.41	27.96	26.67	28.37
pH[3]	6.5-8.5	S.U.	7.02	6.9	6.93	6.7	6.79	7.21	6.57	6.89
Temperature, Water	NA	deg C	22.6	20.3	23.57	23.2	21.18	22.17	22.42	22.8
Turbidity	NA	NTU	70	65.4	8.34	8.3	11.9	17.2	9.9	12.6
TDS/Conductivity Ratio	NA	None	0.58	0.63	0.34	0.47	0.61	0.63	0.61	0.62
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	22	32	24	29	25	28	24	31
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.75 **I**	3.3 **I**	1.2 **I**	2.9 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.6 **U**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	1.1 **I**	2.1 **U**	2.1 **U**	2.5 **U**	4.3 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	5700	4700	4300	4300	4200	4000	4300	4900
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.019 **IV**	0.012 **U**	0.012 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.7 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	25	25	26 **V**	26	27	25	25	26
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	1.1 **I**	3.4 **I**	1.6 **U**	3 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	6.5 **I**	3.2 **U**	6.4 **I**	10 **U**	10 **U**	10 **U**	13 **I**
Chloride[2]	250	mg/L	15	17	15	16	17	19	19	26
Sulfate[2]	250	mg/L	11	9.7	13	11	18	16	18	25
Total Dissolved Solids[2]	500	mg/L	230	240	270	180	280	280	280	320
Nitrogen, Nitrate[1]	10	mg/L	0.052 **I**	0.021 **I**	0.031 **I**	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.089	0.09	0.089	0.039 **I**	0.055	0.057	0.046 **I**	0.051 **V**

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B-32 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/10/2005	10/25/2005	5/2/2006	10/31/2006	4/26/2007	11/7/2007	4/23/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0059 **U**	0.0058 **U**	0.0049 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.2 **I**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0062 **U**	0.0061 **U**	0.0062 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B33-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/10/2005	10/25/2005	5/2/2006	10/31/2006	4/26/2007	11/7/2007	4/23/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	525	336	769	334	410	408	417	434
Dissolved Oxygen	NA	mg/L	0.24	1.67	0.45	0.22	0.08	0.36	0.11	0.3
Groundwater Elevation	NA	feet	24.05	26.33	24.48	23.92	24.67	27.62	26.89	27.89
pH[3]	6.5-8.5	S.U.	6.7	6.19	6.39	5.89	6.29	6.59	5.96	6.37
Temperature, Water	NA	deg C	22.6	19.9	23.16	23.5	22.08	22.05	22.46	22.94
Turbidity	NA	NTU	4.4	4.94	3.85	1	5.45	5.7	13.6	4.13
TDS/Conductivity Ratio	NA	None	0.74	0.83	0.47	0.84	0.85	0.88	0.86	0.92
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	2 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	40	20	28	33	31	34	31	33
Beryllium[1]	4	ug/L	0.12 **I**	0.17 **I**	0.19 **I**	0.25 **I**	0.5 **U**	0.66 **I**	0.6 **I**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	4.6 **I**	4.5 **I**	5.3	6.4	5.6	6.3	6.4	5.2
Cobalt[3]	140	ug/L	1.9 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.83 **I**	0.99 **I**	2.1 **U**	2.1 **U**	2.5 **U**	3.9 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	9300	6200	7600	7500	7600	7700	7800	8000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.025 **IV**	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1.**6 I**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	53	40	46 **V**	47	48	48	46	50
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.58 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	6.1 **I**	6 **I**	7.4 **I**	8.9 **I**	7.**9 I**	7.**8 I**	8.**2 I**	7.**5 I**
Zinc[2]	5000	ug/L	3.5 **U**	6.1 **I**	16 **I**	6 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	34	28	31	34	34	33	33	35
Sulfate[2]	250	mg/L	0.27 **I**	0.051 **U**	0.051 **U**	0.26 **U**	0.05**1 U**	0.085 **U**	0.085 **U**	0.055 **U**
Total Dissolved Solids[2]	500	mg/L	390	280	360	280	350	360	360	400
Nitrogen, Nitrate[1]	10	mg/L	0.018 **U**	0.018 **I**	0.27	0.046 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.24	0.22	0.22	0.16	0.19	0.24	0.17	0.19 **V**

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B33-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/10/2005	10/25/2005	5/2/2006	10/31/2006	4/26/2007	11/7/2007	4/23/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.011 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0061 **U**	0.0061 **U**	0.0047 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	16	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	4.4 **I**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	1.1
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.02 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0064 **U**	0.0064 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B34-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/10/2005	10/20/2005	5/2/2006	10/31/2006	4/23/2007	11/7/2007	4/24/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	658	1138	1485	870	968	938	881	900
Dissolved Oxygen	NA	mg/L	0.23	0.36	0.67	0.26	0.45	0.4	0.31	0.12
Groundwater Elevation	NA	feet	26.88	28.58	25.63	24.08	23.16	27.16	26.59	27.64
pH[3]	6.5-8.5	S.U.	6.76	6.82	6.62	6.42	6.4	6.64	5.88	6.28
Temperature, Water	NA	deg C	22.5	25.3	21.7	22.55	22.1	22.05	22.5	22.64
Turbidity	NA	NTU	40	15.3	35	0.05	1.13	3.86	1.18	3.11
TDS/Conductivity Ratio	NA	None	0.64	0.70	0.33	0.47	0.60	0.60	0.48	0.60
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	3 **I**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	72	72	87	98	110	120	110	120
Beryllium[1]	4	ug/L	0.056 **U**	0.063 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.75 **I**	0.6 **U**	0.65 **U**	0.67 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.9 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5.8 **I**	9.8 **I**	5 **U**
Copper[3]	1000	ug/L	0.95 **I**	0.61 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	14000	5700	15000	19000	21000	21000	19000	20000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.041 **IV**	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	5.9	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	32	33	35 **V**	36	42	40	39	36
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.79 **I**	2.9 **I**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	5.7 **I**	3.5 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	38	58	47	64	68	61	55	54
Sulfate[2]	250	mg/L	85	170	91	100	110	100	97	97
Total Dissolved Solids[2]	500	mg/L	420	800	490	410	600	560	420	540
Nitrogen, Nitrate[1]	10	mg/L	0.093 **I**	0.1	0.035 **I**	0.046 **U**	0.018 **U**	0.01 **U**	0.01 **U**	0.023 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.094	0.63	0.1	0.057	0.11	0.078	0.094	0.14 **V**

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B34-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/10/2005	10/20/2005	5/2/2006	10/31/2006	4/23/2007	11/7/2007	4/24/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.006 **U**	0.0059 **U**	0.0049 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0063 **U**	0.0062 **U**	0.0062 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B35-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			NS	NS	NS	10/27/2006	4/26/2007	11/12/2007	4/24/2008	NS
Field Parameter:										
Conductivity	NA	umhos/cm	----	----	----	321	325	331	349	----
Dissolved Oxygen	NA	mg/L	----	----	----	0.33	0.15	0.18	0.31	----
Groundwater Elevation	NA	feet	----	----	----	24.69	23.76	27.44	26.46	----
pH[3]	6.5-8.5	S.U.	----	----	----	5.21	5.02	5.01	4.85	----
Temperature, Water	NA	deg C	----	----	----	22.08	22.59	22.27	22.29	----
Turbidity	NA	NTU	----	----	----	4.01	1.62	2.98	3.02	----
TDS/Conductivity Ratio	NA	None	----	----	----	1.06	0.62	0.69	0.72	----
Inorganic Parameters:										
Antimony[1]	6	ug/L	----	----	----	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	----	----	----	2.8 **U**	5 **U**	5 **U**	5 **U**	----
Barium[1]	2000	ug/L	----	----	----	110	100	110	120	----
Beryllium[1]	4	ug/L	----	----	----	0.17 **I**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	----	----	----	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	----	----	----	1.6 **I**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	----	----	----	1 **U**	5 **U**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	----	----	----	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	----	----	----	11000	10000	10000	11000	----
Lead[1]	15	ug/L	----	----	----	2.6 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	----	----	----	0.03 **I**	0.1 **U**	0.1 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	----	----	----	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	----	----	----	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	----	----	----	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	----	----	----	22	20	19	23	----
Thallium[1]	2	ug/L	----	----	----	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	----	----	----	1.6 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	----	----	----	3.2 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	----	----	----	80	78	79	83	----
Sulfate[2]	250	mg/L	----	----	----	0.05**1** **U**	0.05**1** **U**	0.085 **U**	0.085 **U**	----
Total Dissolved Solids[2]	500	mg/L	----	----	----	340	200	230	250	----
Nitrogen, Nitrate[1]	10	mg/L	----	----	----	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	----	----	----	0.11	0.14	0.12	0.098	----

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B35-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			NS	NS	NS	10/27/2006	4/26/2007	11/12/2007	4/24/2008	NS
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	----	----	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----
1,1-Dichloroethene[1]	7	ug/L	----	----	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	----	----	----	0.006 **U**	0.0058 **U**	0.0061 **U**	0.0059 **U**	----
1,2-Dichlorobenzene[1]	600	ug/L	----	----	----	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	----	----	----	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----
2-Butanone (MEK)[3]	4200	ug/L	----	----	----	0.65 **U**	0.65 **U**	0.65 **U**	0.**65** **U**	----
Acetone[3]	6300	ug/L	----	----	----	2.5 **U**	2.5 **U**	2.5 **U**	2.**5** **U**	----
Bromoform[3]	4.4	ug/L	----	----	----	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	----
Benzene[1]	1	ug/L	----	----	----	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----
Carbon Disulfide[3]	700	ug/L	----	----	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----
Chlorobenzene[1]	100	ug/L	----	----	----	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----
cis-1,2-Dichloroethene[1]	70	ug/L	----	----	----	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----
Ethylbenzene[1]	30	ug/L	----	----	----	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	----
Ethylene Dibromide[1]	0.02	ug/L	----	----	----	0.0063 **U**	0.0061 **U**	0.0064 **U**	0.0062 **U**	----
Iodomethane	NA	ug/L	----	----	----	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----
Methylene Chloride[1]	5	ug/L	----	----	----	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----
Toluene[1]	1000	ug/L	----	----	----	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----
Vinyl Chloride[1]	1	ug/L	----	----	----	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----
Xylenes, Total[1]	10000	ug/L	----	----	----	0.32 **U**	0.32 **U**	0.32 **U**	0.**32** **U**	----

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B36 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/12/2005	10/25/2005	5/5/2006	10/27/2006	4/27/2007	11/9/2007	4/24/2008	11/7/2008
Field Parameter:										
Conductivity	NA	umhos/cm	1610	1381	3322	1451	1498	1498	1442	1535
Dissolved Oxygen	NA	mg/L	3	1.28	1.03	0.37	0.15	0.15	0.25	0.39
Groundwater Elevation	NA	feet	27.27	27.72	25.22	25.97	25.32	27.72	27.21	27.73
pH[3]	6.5-8.5	S.U.	6.22	6.47	6.44	6.52	6.25	6.45	6.1	6.5
Temperature, Water	NA	deg C	22.6	20.3	21.96	22.08	22.23	22.13	21.82	22.63
Turbidity	NA	NTU	5.2	7.26	1.61	1.27	0.87	0.85	1.25	1.25
TDS/Conductivity Ratio	NA	None	0.62	0.67	0.36	0.69	0.59	0.61	0.62	0.64
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	93	87	110	100	96	110	94	100
Beryllium[1]	4	ug/L	0.1 **IV**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	0.6 **U**	0.89 **I**	0.9 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	8.4 **I**	1.6 **U**	4.7 **I**	1 **U**	6.4 **I**	12	19	6.2 **I**
Copper[3]	1000	ug/L	0.47 **U**	1.2 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	5300	5300	4900	4500	4200	4400	4100	4400
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.035 **IV**	0.025 **I**	0.039 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.031 **IV**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	100	99	110	100	97	100	96	99
Thallium[1]	2	ug/L	0.14 **IV**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	1.2 **I**	1.1 **I**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	6.5 **I**	11 **I**	5 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	200	200	210	190	190	190	190	190
Sulfate[2]	250	mg/L	0.1 **U**	0.29 **I**	0.26 **U**	0.26 **U**	0.26 **U**	0.43 **U**	0.43 **U**	0.28 **U**
Total Dissolved Solids[2]	500	mg/L	1000	920	1200	1000	880	920	890	990
Nitrogen, Nitrate[1]	10	mg/L	0.018 **U**	0.018 **U**	0.046 **U**	0.046 **U**	0.046 **U**	0.05 **U**	0.05 **U**	0.058 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.31	0.26	0.26	0.17	0.16	0.15	0.13	0.21

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B36 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/12/2005	10/25/2005	5/5/2006	10/27/2006	4/27/2007	11/9/2007	4/24/2008	11/7/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	2.4	6.3	2.4	1.5	1.6	1.7	1.5	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0049 **U**	0.0064 **U**	0.0061 **U**	0.005 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.24 **I**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	6.1 **I**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	4 **I**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	2.2	1.3	2.2	1.8	1.7	1.8	1.4	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	1.9	0.84 **I**	0.17 **U**	1.4	1.4	1.4	1	3.4
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.46 **I**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0051 **U**	0.0067 **U**	0.0064 **U**	0.0063 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	1 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.39 **I**	4.2	0.58 **I**	0.15 **U**	0.18 **I**	0.25 **I**	0.18 **I**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	2.1	1.4	0.74 **I**	0.37 **U**	0.54 **I**	0.44 **I**	1	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.81 **I**	1.6	0.7 **I**	0.56 **I**	0.8 **I**	0.56 **I**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B37-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/11/2005	10/19/2005	5/5/2006	10/24/2006	4/27/2007	11/9/2007	4/24/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	2488	2309	4850	4491	2538	2247	2371	2180
Dissolved Oxygen	NA	mg/L	1.03	1.73	0.58	0.18	0.07	0.12	0.08	0.2
Groundwater Elevation	NA	feet	26.97	27.44	25.29	25.79	24.87	26.92	26.68	27.23
pH[3]	6.5-8.5	S.U.	6.3	6.13	6.46	6.39	6.33	6.47	6.26	6.15
Temperature, Water	NA	deg C	21.8	23.9	22.38	22.21	22.76	22.41	22.28	22.52
Turbidity	NA	NTU	2.5	2.63	2.05	1.18	1.57	4.4	1.11	3.64
TDS/Conductivity Ratio	NA	None	0.60	0.52	0.33	0.36	0.59	0.67	0.59	0.69
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	200	210	210	230	240	260	240	240
Beryllium[1]	4	ug/L	0.097 **I**	0.085 **I**	0.16 **U**	0.23 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.7 **I**
Chromium[1]	100	ug/L	0.95 **I**	1.2 **I**	0.85 **I**	1 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	16	1.8 **I**	10	1.2 **I**	12	25	37	12
Copper[3]	1000	ug/L	1.8 **IV**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	34000 **V**	34000	33000	34000	36000	36000	36000	35000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.024 **I**	0.025 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1.9 **I**	1.6 **I**	1.6 **I**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	1.1 **I**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	200	210	200	200	200	220	200	210
Thallium[1]	2	ug/L	0.15 **I**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.84 **I**	0.73 **U**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	4.1 **I**	5.9 **I**	10 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	13	140	130	130	140	150	130	150
Sulfate[2]	250	mg/L	0.051 **U**	0.26 **U**	0.26 **U**	0.51 **U**	0.51 **U**	0.43 **U**	0.43 **U**	0.28 **U**
Total Dissolved Solids[2]	500	mg/L	1500	1200	1600	1600	1500	1500	1400	1500
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.046 **U**	0.046 **U**	0.091 **U**	0.091 **U**	0.05 **U**	0.05 **U**	0.058 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.55	0.59	0.52	0.62	0.9	0.61	0.58	0.98

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B37-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/11/2005	10/19/2005	5/5/2006	10/24/2006	4/27/2007	11/9/2007	4/24/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.0059 **U**	0.0083 **I**	0.0061 **U**	0.0048 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.51 **I**	0.33 **I**	0.11 **U**	0.11 **U**	0.34 **I**	0.32 **I**	0.2 **I**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.84 **I**	0.46 **I**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.66 **I**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	7.9 **I**	5.6 **I**	2.9 **I**	2.5 **U**	3 **I**	2.5 **U**	8.3 **I**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	12	9.1	15	12	13	13	9.8	12
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	14	10	15	13	11	13	9.4	12
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.0062 **U**	0.0065 **U**	0.0064 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	1.1 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.43 **I**	0.36 **I**	0.35 **I**	0.45 **I**	0.38 **I**	0.5 **I**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.81 **I**
Xylenes, Total[1]	10000	ug/L	0.92 **I**	0.48 **I**	0.76 **I**	0.32 **U**	1.2	1.6	0.76 **I**	2.4 **I**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B38-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			10/26/2005	NS	5/5/2006	10/24/2006	4/27/2007	11/9/2007	4/24/2008	NS
Field Parameter:										
Conductivity	NA	umhos/cm	280	----	465	505	291	290	286	----
Dissolved Oxygen	NA	mg/L	0.33	----	4.71	0.25	0.58	0.34	0.58	----
Groundwater Elevation	NA	feet	25.76	----	22.44	21.07	19.59	24.35	23.54	----
pH[3]	6.5-8.5	S.U.	5.3	----	5.09	5.3	4.76	5.52	4.96	----
Temperature, Water	NA	deg C	21.16	----	26.54	21.07	21.99	21.46	21.66	----
Turbidity	NA	NTU	5.36	----	0.3	0.16	0.89	1.5	1.36	----
TDS/Conductivity Ratio	NA	None	0.61	----	0.37	0.34	0.55	0.55	0.59	----
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	----	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	----	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	----
Barium[1]	2000	ug/L	70	----	76	76	81	85	82	----
Beryllium[1]	4	ug/L	0.19 **I**	----	0.19 **I**	0.24 **I**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	----	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	0.6 **U**	----	0.79 **I**	1.1 **I**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	1.6 **U**	----	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	0.72 **I**	----	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	15000	----	17000	16000	16000	18000	17000	----
Lead[1]	15	ug/L	2.2 **U**	----	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	----	0.059 **I**	0.039 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	1 **U**	----	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	3.1 **U**	----	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	21	----
Silver[2]	100	ug/L	0.93 **U**	----	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	26 **V**	----	26	27	28	24	26	----
Thallium[1]	2	ug/L	0.12 **U**	----	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	0.73 **U**	----	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	3.9 **I**	----	3.2 **U**	3.2 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	51	----	46	50	50	50	50	----
Sulfate[2]	250	mg/L	14	----	15	16	15	13	12	----
Total Dissolved Solids[2]	500	mg/L	170	----	170	170	160	160	170	----
Nitrogen, Nitrate[1]	10	mg/L	0.054	----	0.014 **I**	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.064	----	0.079	0.046 **I**	0.045 **I**	0.08	0.03	----

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B38-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			10/26/2005	NS	5/5/2006	10/24/2006	4/27/2007	11/9/2007	4/24/2008	NS
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	----	0.006 **U**	0.006 **UQ**	0.006 **U**	0.0069 **U**	0.0059 **U**	----
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	----	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	----
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	----	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	----	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----
Acetone[3]	6300	ug/L	3.7 **U**	----	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Bromoform[3]	4.4	ug/L	0.28 **U**	----	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	----
Benzene[1]	1	ug/L	0.23 **U**	----	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----
Carbon Disulfide[3]	700	ug/L	0.49 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----
Chlorobenzene[1]	100	ug/L	0.15 **U**	----	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	----	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----
Ethylbenzene[1]	30	ug/L	0.2 **U**	----	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	----
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	----	0.0063 **U**	0.0063 **UQ**	0.0063 **U**	0.0072 **U**	0.0062 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	----	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----
Methylene Chloride[1]	5	ug/L	2 **U**	----	0.33 **U**	0.33 **U**	0.33 **U**	1 **I**	0.33 **U**	----
Toluene[1]	1000	ug/L	0.35 **U**	----	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----
Vinyl Chloride[1]	1	ug/L	0.43 **U**	----	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----
Xylenes, Total[1]	10000	ug/L	0.32 **U**	----	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	----

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B40-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/5/2005	10/18/2005	5/1/2006	10/24/2006	4/23/2007	11/7/2007	4/21/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	506	424	483	406	495	486	521	566
Dissolved Oxygen	NA	mg/L	5.15	4.63	8.39	4	0.78	0.37	0.53	0.37
Groundwater Elevation	NA	feet	22.64	23.39	19.29	16.84	16	21.99	20.62	22.67
pH[3]	6.5-8.5	S.U.	5.35	4.9	5.43	5.1	5.24	5.5	5.24	5.07
Temperature, Water	NA	deg C	20.63	22.4	20.44	20.78	22.11	22.68	21.41	21.93
Turbidity	NA	NTU	1.6	2.54	0.93	1	0.87	1.9	0.57	3.03
TDS/Conductivity Ratio	NA	None	0.67	0.64	0.72	0.74	0.65	0.66	0.65	0.69
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5.9 **IV**	5 **U**
Barium[1]	2000	ug/L	97	100	100	90	100	110	100	140
Beryllium[1]	4	ug/L	0.056 **U**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	2 **I**	2.5 **I**	2.2 **I**	2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.6 **U**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.56 **I**	1.8 **I**	2.1 **U**	2.1 **U**	2.5 **U**	4.3 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	12000	12000	12000	9500	11000	11000	12000	16000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.018 **I**	0.048 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1.2 **I**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	4.4 **I**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	48	48	50	46	46	45	45	51
Thallium[1]	2	ug/L	0.12 **U**	0.15 **IV**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	2.2 **I**	2.1 **I**	1.8 **I**	1.9 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	8.2 **I**	3.5 **U**	3.2 **U**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	62	62	60	66	67	66	68	64
Sulfate[2]	250	mg/L	78	75	69	58	72	65	81	120
Total Dissolved Solids[2]	500	mg/L	340	270	350	300	320	320	340	390
Nitrogen, Nitrate[1]	10	mg/L	0.015 **I**	0.0091 **U**	0.049 **I**	0.0091 **U**	0.0091 **U**	0.01 **U**	0.049 **I**	0.043 **I**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.24	0.24	0.24	0.16	0.2	0.19	0.13	0.24 **V**

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B40-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/5/2005	10/18/2005	5/1/2006	10/24/2006	4/23/2007	11/7/2007	4/21/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.006 **U**	0.0061 **U**	0.0049 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0063 **U**	0.0064 **U**	0.0063 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.42 **I**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B41-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/23/2007	11/7/2007	4/21/2008	11/3/2008	11/26/2008
Field Parameter:											
Conductivity	NA	umhos/cm	1423	1363	1983	1711	2402	2481	2313	2191	2171
Dissolved Oxygen	NA	mg/L	1.24	2.65	0.48	4.28	0.12	0.16	0.14	0.18	0.52
Groundwater Elevation	NA	feet	20.7	23.46	17.64	15.94	15.03	20.35	18.66	21.26	----
pH[3]	6.5-8.5	S.U.	5.67	6.2	6.09	6.01	6.37	6.32	6.17	6.04	6.37
Temperature, Water	NA	deg C	20.5	23.72	21.61	22.8	22.92	22.83	22.55	22.53	22.42
Turbidity	NA	NTU	40	3.73	2.78	7.47	1.22	8.2	3.44	1.82	5.87
TDS/Conductivity Ratio	NA	None	0.64	0.59	0.55	0.64	0.50	0.52	0.52	0.50	----
Inorganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7.8 **I**	5 **U**	----
Barium[1]	2000	ug/L	220	240	190	200	200	250	210	200	----
Beryllium[1]	4	ug/L	0.17 **I**	0.056 **U**	0.27 **I**	0.36 **I**	0.5 **U**	0.65 **I**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.82 **I**	0.5 **U**	----
Chromium[1]	100	ug/L	1.7 **I**	2.4 **I**	4.7 **I**	6.5	5.4	5.6	4.9 **I**	5 **I**	----
Cobalt[3]	140	ug/L	11	1.6 **U**	3.5 **I**	3.6 **I**	5 **U**	20	14	5.8 **I**	----
Copper[3]	1000	ug/L	0.47 **U**	1.8 **I**	2.1 **U**	2.1 **U**	2.5 **U**	4.2 **IV**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	12000	12000	18000	21000	25000	26000	22000	24000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.063 **I**	0.1 **U**	0.1 **U**	0.028 **I**	0.02 **U**	----
Nickel[1]	100	ug/L	1 **U**	1 **I**	1.5 **U**	1.5 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	4 **I**	3.6 **I**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	67	71	160	160	190	220	180	160	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.17 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	2.9 **I**	3.2 **I**	8.8 **I**	11	10	10	11	10	----
Zinc[2]	5000	ug/L	3.7 **I**	4.1 **I**	3.8 **I**	3.3 **I**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	130	130	160	160	180	190	170	160	----
Sulfate[2]	250	mg/L	180	180	34	4.7	5.7	27	35	30	----
Total Dissolved Solids[2]	500	mg/L	910	810	1100	1100	1200	1300	1200	1100	----
Nitrogen, Nitrate[1]	10	mg/L	0.018 **U**	0.82	0.046 **U**	0.046 **U**	0.046 **U**	0.05 **U**	0.05 **U**	0.058 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	7	7.1	41	53	69	72	61	59	----

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B41-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/23/2007	11/7/2007	4/21/2008	11/3/2008	11/26/2008
Organic Parameters:											
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0071 **I**	0.0057 **U**	0.0079 **I**	----
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	----	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.1 **I**	----	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	----	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	1.2	0.16 **U**	2.2	2.4	1.9	----	1.2
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	1.2	1.2	2.2	3.3	2.3	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0064 **U**	0.006 **U**	0.0061 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.36 **I**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.24 **I**	0.15 **I**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.54 **I**	0.86 **I**	0.32 **U**	----	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B42-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/26/2007	11/7/2007	4/22/2008	11/3/2008	11/26/2008
Field Parameter:											
Conductivity	NA	umhos/cm	1480	1087	1476	977	1541	1534	1423	1357	1386
Dissolved Oxygen	NA	mg/L	1.55	2.42	0.54	4.67	0.39	0.14	0.31	0.25	0.49
Groundwater Elevation	NA	feet	21.17	22.89	18.54	16.3	14.84	20.44	18.8	21.3	----
pH[3]	6.5-8.5	S.U.	4.9	5.5	5.44	5.58	5.43	5.64	5.45	5.39	5.74
Temperature, Water	NA	deg C	21.2	23.54	21.13	22.74	22.34	22.61	22.03	22.17	22.11
Turbidity	NA	NTU	15	2.68	0.4	2.32	4.26	0.75	4.58	0.66	2.3
TDS/Conductivity Ratio	NA	None	0.68	0.82	0.68	1.13	0.71	0.72	0.68	0.73	----
Inorganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	6 **I**	5 **U**	----
Barium[1]	2000	ug/L	220	220	210	220	230	240	180	180	----
Beryllium[1]	4	ug/L	0.11 **I**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	1.4 **I**	2.1 **I**	2.5 **I**	2.3 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	7 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	8.3 **I**	7.4 **I**	5 **U**	----
Copper[3]	1000	ug/L	0.55 **I**	1.6 **I**	2.1 **U**	2.1 **U**	2.5 **U**	3.6 **IV**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	27000	28000	27000	26000	28000	27000	24000	24000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.099 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.7 **I**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	120	120	130	120	120	140	120	120	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	1.7 **I**	1.3 **I**	2.2 **I**	2.2 **I**	5 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	3.5 **U**	3.5 **U**	3.2 **U**	4.4 **I**	10 **U**	10 **U**	11 **I**	10 **U**	----
Chloride[2]	250	mg/L	100	200	180	200	190	190	170	160	----
Sulfate[2]	250	mg/L	410	400	380	390	400	440	410	380	----
Total Dissolved Solids[2]	500	mg/L	1000	890	1000	1100	1100	1100	970	990	----
Nitrogen, Nitrate[1]	10	mg/L	0.017 **I**	0.038 **I**	0.046 **U**	0.046 **U**	0.046 **U**	0.05 **U**	0.02 **U**	0.058 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.51	0.51	0.46	0.4	2	0.49	0.35	0.36	----

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B42-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/3/2005	10/18/2005	5/1/2006	10/23/2006	4/26/2007	11/7/2007	4/22/2008	11/3/2008	11/26/2008
Organic Parameters:											
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0058 **U**	0.0061 **U**	0.0062 **U**	0.0049 **U**	----
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	----	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	----	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	5.5	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0098 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0061 **U**	0.0064 **U**	0.0065 **U**	0.0062 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	----	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 3-4 Monitoring Well B43-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/3/2005	10/19/2005	4/28/2006	10/24/2006	4/24/2007	11/8/2007	4/21/2008	11/4/2008
Field Parameter:										
Conductivity	NA	umhos/cm	1014	813	1092	888	966	889	945	826
Dissolved Oxygen	NA	mg/L	1.52	2.38	1.03	1.6	0.16	0.14	0.39	0.14
Groundwater Elevation	NA	feet	22.93	24.52	21.37	19.92	18.44	22.89	22.04	23.29
pH[3]	6.5-8.5	S.U.	5.83	5.7	6.07	5.86	5.97	6.05	5.56	5.65
Temperature, Water	NA	deg C	21.6	25.03	22.77	23.65	22.61	22.93	22.21	22.65
Turbidity	NA	NTU	2.8	2.22	6.14	3.59	1.19	3	3.51	1.07
TDS/Conductivity Ratio	NA	None	0.56	0.54	0.55	0.63	0.54	0.54	0.53	0.56
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.8 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	220	160	230	190	220	190	200	170
Beryllium[1]	4	ug/L	0.079 **I**	0.12 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	0.6 **U**	1.3 **I**	0.7 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	3.3 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.79 **I**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	32000	28000	33000	28000	31000	26000	29000	25000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.034 **VI**	0.1 **U**	0.1 **U**	0.026 **I**	0.02 **U**
Nickel[1]	100	ug/L	1.**9** **I**	2.**1** **I**	2.4 **I**	2.6 **I**	2.5 **U**	3.2 **I**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	4 **I**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	110	110	120	110	96 **V**	100	91	87
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.23 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	6.5 **I**	4.6 **I**	7 **I**	7 **I**	5.**6** **I**	5.**9** **I**	5.**7** **I**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	7 **I**	16 **I**	3.8 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	91	87	93	100	77	76	75	66
Sulfate[2]	250	mg/L	0.49 **I**	12	4.1	11	2.7	8.8	6.1	7.7
Total Dissolved Solids[2]	500	mg/L	570	440	600	560	520	480	500	460
Nitrogen, Nitrate[1]	10	mg/L	0.092 **I**	0.083	0.13	0.032 **I**	0.018 **U**	0.01 **U**	0.01 **U**	0.023 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	6.1	2.5	4.4	2.5	4.6	2.3	3.7	2.9

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 3-4 Monitoring Well B43-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/3/2005	10/19/2005	4/28/2006	10/24/2006	4/24/2007	11/8/2007	4/21/2008	11/4/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0056 **U**	0.006 **U**	0.0058 **U**	0.0051 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	4.6	1.9	4.3	2.5	3.5	1.7	2.8	1.8
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	7.2	1.9	5.4	2.8	6.1	4.8	7.2	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0098 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0063 **U**	0.0061 **U**	0.0064 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.34 **I**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.18 **I**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.54 **I**	0.32 **U**	0.32 **U**	0.32 **U**	0.64 **I**	0.35 **I**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B45-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			6/13/2005	10/18/2005	4/28/2006	10/27/2006	4/24/2007	11/8/2007	4/21/2008	11/4/2008	12/1/2008
Field Parameter:											
Conductivity	NA	umhos/cm	2112	1839	1831	1653	1659	1619	1600	1541	1495
Dissolved Oxygen	NA	mg/L	0.99	1.97	1.06	3.5	0.16	0.11	0.3	0.25	0.44
Groundwater Elevation	NA	feet	25.66	25.24	23.39	23.14	21.2	24.15	23.61	24.43	----
pH[3]	6.5-8.5	S.U.	6.07	5.95	6.16	5.95	5.99	6.2	5.91	5.84	6.19
Temperature, Water	NA	deg C	21.8	23.21	21.65	22.52	21.87	22.15	22.47	22.01	22.27
Turbidity	NA	NTU	230	5.12	35.6	3.88	3.72	9.1	3.02	3.37	2.51
TDS/Conductivity Ratio	NA	None	0.57	0.52	0.60	0.67	0.58	0.55	0.58	0.60	----
Inorganic Parameters:											
Antimony[1]	6	ug/L	1.1	0.4 **U**	0.8 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	4.8 **I**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	8.4 **I**	5 **U**	----
Barium[1]	2000	ug/L	230	200	200	170	190	180	150	150	----
Beryllium[1]	4	ug/L	2	0.14 **I**	0.4 **I**	0.2 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.64 **I**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.53 **I**	0.62 **I**	0.5 **U**	----
Chromium[1]	100	ug/L	20	2.6 **I**	4.3 **I**	2.5 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	5.4 **I**	1.9 **I**	2.9 **I**	1 **U**	5 **U**	9.1 **I**	8.7 **I**	5 **U**	----
Copper[3]	1000	ug/L	5.7	1.3 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	63000	52000	52000	48000	46000	44000	43000	42000	----
Lead[1]	15	ug/L	9.1 **I**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.02 **I**	0.1 **U**	0.1 **I**	0.028 **I**	0.02 **U**	----
Nickel[1]	100	ug/L	6.8	1.2 **I**	1.5 **I**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	1.9 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	280	280	250	230	220 **V**	230	210	210	----
Thallium[1]	2	ug/L	0.13 **I**	0.12 **U**	0.23 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	24	4.2 **I**	7.5 **I**	4.2 **I**	5 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	17 **I**	4.2 **I**	9.1 **I**	4.2 **I**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	280	240	220	190	170	150	150	150	----
Sulfate[2]	250	mg/L	0.51 **U**	0.26 **U**	0.1 **U**	0.26 **U**	0.26 **U**	0.43 **U**	0.17 **U**	0.28 **U**	----
Total Dissolved Solids[2]	500	mg/L	1200	960	1100	1100	970	890	930	920	----
Nitrogen, Nitrate[1]	10	mg/L	0.005 **U**	0.046 **U**	0.03 **I**	0.046 **U**	0.046 **U**	0.05 **U**	0.02 **U**	0.058 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.31	0.29	0.14	0.075	0.08	0.068	0.059	0.054	----

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B45-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			6/13/2005	10/18/2005	4/28/2006	10/27/2006	4/24/2007	11/8/2007	4/21/2008	11/4/2008	12/1/2008
Organic Parameters:											
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0064 **U**	0.01 **I**	0.0059 **U**	0.005 **U**	----
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	----	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	4 **I**	----	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	----	0.5 **U**
Benzene[1]	1	ug/L	6.7	5.6	6.2	6.5	7.9	9.6	9.4	----	9.1
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	3.1	2.5	2.4	2.6	2.7	4.5	4.2	----	4.4
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0067 **U**	0.0064 **U**	0.0062 **U**	0.0064 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.36 **I**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **I**	0.35 **U**	0.36 **I**	0.15 **U**	0.23 **I**	0.33 **I**	0.31 **I**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**
Xylenes, Total[1]	10000	ug/L	6.8	4.8	4	2.8	2.7	4.8	0.65 **I**	----	4.4

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida

Zone 4 Monitoring Well B59-1R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			NS	NS	5/1/2006	10/30/2006	4/25/2007	11/7/2007	4/23/2008	11/5/2008
Field Parameter:										
Conductivity	NA	umhos/cm	----	----	849	806	824	792	754	707
Dissolved Oxygen	NA	mg/L	----	----	0.92	0.28	0.23	0.36	0.35	0.29
Groundwater Elevation	NA	feet	----	----	20.49	20.02	20.16	21.04	25.39	24.04
pH[3]	6.5-8.5	S.U.	----	----	6.52	6.32	6.61	6.95	6.31	6.16
Temperature, Water	NA	deg C	----	----	24.93	25.12	23.43	23.47	23.11	23.71
Turbidity	NA	NTU	----	----	46.1	16	2.11	14.2	3.6	1.39
TDS/Conductivity Ratio	NA	None	----	----	0.62	0.66	0.61	0.58	0.60	0.64
Inorganic Parameters:										
Antimony[1]	6	ug/L	----	----	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	----	----	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7 **IV**	5 **U**
Barium[1]	2000	ug/L	----	----	79	81	71	78	60	62
Beryllium[1]	4	ug/L	----	----	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	----	----	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	----	----	1.8 **I**	2.4 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	----	----	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	----	----	2.1 **U**	2.1 **U**	2.5 **U**	4.6 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	----	----	13000	9800	8800	7700	6900	6200
Lead[1]	15	ug/L	----	----	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	----	----	0.012 **U**	0.028 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	----	----	1.5 **U**	1.5 **U**	2.5 **U**	2.6 **I**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	----	----	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	----	----	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	----	----	67	70	67	66	59	60
Thallium[1]	2	ug/L	----	----	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	----	----	2.1 **I**	1.6 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	----	----	13 **I**	5.3 **VI**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	----	----	53	71	73	74	70	67
Sulfate[2]	250	mg/L	----	----	110	69	46	31	21	19
Total Dissolved Solids[2]	500	mg/L	----	----	530	530	500	460	450	450
Nitrogen, Nitrate[1]	10	mg/L	----	----	0.074 **I**	0.018 **U**	0.041 **I**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	----	----	0.14	0.085	0.076	0.073	0.057	0.15

2009 Biennial, Tamoka Farms, Volusia Couty, Florida

Zone 4 Monitoring Well B59-1R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			NS	NS	5/1/2006	10/30/2006	4/25/2007	11/7/2007	4/23/2008	11/5/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	----	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	----	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	----	----	0.006 **U**	0.006 **UQ**	0.0057 **U**	0.0059 **U**	0.006 **U**	0.0049 **U**
1,2-Dichlorobenzene[1]	600	ug/L	----	----	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	----	----	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	----	----	0.65 **U**	0.65 **U**	0.8 **I**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	----	----	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	----	----	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	----	----	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	----	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	----	----	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	----	----	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	----	----	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	----	----	0.0063 **U**	0.0063 **UQ**	0.006 **U**	0.0062 **U**	0.0063 **U**	0.0062 **U**
Iodomethane	NA	ug/L	----	----	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	----	----	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	----	----	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	----	----	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	----	----	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL

MCL = Maximum Contaminat Level

NA = Not Available

NS = Not Sampled

---- = Not Tested

[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.)

I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B60 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/25/2005	5/1/2006	10/30/2006	4/25/2007	11/7/2007	4/22/2008	11/5/2008
Field Parameter:										
Conductivity	NA	umhos/cm	569	541	540	519	515	502	516	505
Dissolved Oxygen	NA	mg/L	1.12	0.86	1.1	0.3	0.09	0.2	0.2	0.12
Groundwater Elevation	NA	feet	24.25	25.21	25	24.6	20.95	21.7	25.47	24.13
pH[3]	6.5-8.5	S.U.	5.62	6.06	6.01	5.89	6.17	6.53	5.81	5.84
Temperature, Water	NA	deg C	21.2	22.3	22.5	26.12	23.58	23.21	23.38	23.8
Turbidity	NA	NTU	4.3	9.36	3.59	1.15	0.64	3.07	3.56	1.76
TDS/Conductivity Ratio	NA	None	0.65	0.72	0.70	0.69	0.64	0.62	0.62	0.65
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	55	60	62	62	53	58	50	56
Beryllium[1]	4	ug/L	0.12 **I**	0.12 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.69 **I**	0.72 **I**	1.1 **I**	0.94 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	2.3 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	1 **I**	2.1 **U**	2.1 **U**	2.5 **U**	4.2 **IV**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	7700	9000	8700	7400	6000	5200	5200	5000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.04 **IV**	0.012 **U**	0.028 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	26	25	28	32	33	35	36	39
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.73 **U**	0.89 **I**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	6.7 **I**	8.7 **I**	4.5 **VI**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	28	32	37	39	46	54	55	55
Sulfate[2]	250	mg/L	150	160	120	95	54	31	28	20
Total Dissolved Solids[2]	500	mg/L	370	390	380	360	330	310	320	330
Nitrogen, Nitrate[1]	10	mg/L	0.048 **I**	0.039 **I**	0.49	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.084	0.078	0.088	0.059	0.053	0.055	0.078	0.11

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B60 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/25/2005	5/1/2006	10/30/2006	4/25/2007	11/7/2007	4/22/2008	11/5/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **UQ**	0.0057 **U**	0.0061 **U**	0.006 **U**	0.0048 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.7 **I**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.71 **I**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **UQ**	0.006 **U**	0.0064 **U**	0.0063 **U**	0.0061 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B62-1R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/12/2005	10/21/2005	5/3/2006	10/30/2006	4/25/2007	11/9/2007	4/22/2008	11/6/2008
Field Parameter:										
Conductivity	NA	umhos/cm	4625	627	2142	3419	3689	3452	2994	2510
Dissolved Oxygen	NA	mg/L	1.69	2.94	7.22	0.24	0.08	0.28	0.09	0.29
Groundwater Elevation	NA	feet	25.73	27.28	25.88	24.48	22.69	25.01	25.47	25.12
pH[3]	6.5-8.5	S.U.	6.52	6.84	6.8	6.58	6.73	7	6.57	6.8
Temperature, Water	NA	deg C	24.56	25.8	28.1	24.25	23.85	23.71	23.64	24.04
Turbidity	NA	NTU	14	13.7	47	12.3	7.91	14.5	14.2	9.83
TDS/Conductivity Ratio	NA	None	0.43	0.57	0.23	0.50	0.46	0.49	0.47	0.48
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	2 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	5.1 **I**	2.8 **U**	3 **I**	3.7 **I**	5 **U**	5 **U**	10	5 **U**
Barium[1]	2000	ug/L	840	63	98	840	790	770	590	590
Beryllium[1]	4	ug/L	0.12 **IV**	0.056 **U**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.87 **I**	0.54 **I**
Chromium[1]	100	ug/L	3 **I**	2.1 **I**	1.6 **I**	3.3 **I**	3.8 **I**	4.1 **I**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	19	1.6 **U**	1 **U**	7.6 **I**	13	22	18	11
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	42000	7200	12000	38000	33000	30000	26000	27000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.036 **IV**	0.02 **I**	0.02 **VI**	0.1 **U**	0.1 **U**	0.026 **I**	0.02 **U**
Nickel[1]	100	ug/L	17	1.4 **I**	1.5 **U**	8.5	11	10	8	7.7
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	430	20	30	310	320	350	270	230
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.58 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	1.5 **I**	2 **I**	1.8 **I**	2 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	10 **I**	5.9 **I**	4 **VI**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	360	29	21	350	310	330	210	180
Sulfate[2]	250	mg/L	18	43	43	4 **I**	0.76 **U**	0.85 **U**	16	6.1
Total Dissolved Solids[2]	500	mg/L	2000	360	490	1700	1700	1700	1400	1200
Nitrogen, Nitrate[1]	10	mg/L	0.046 **U**	0.059	0.018 **U**	0.18 **U**	0.14 **U**	0.1 **U**	0.1 **U**	0.12 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	150	9.7	14	110	130	110	99	99

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B62-1R Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/12/2005	10/21/2005	5/3/2006	10/30/2006	4/25/2007	11/9/2007	4/22/2008	11/6/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0065 **U**	0.006 **U**	0.0071 **I**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.29 **I**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	14	3.7 **U**	2.5 **U**	6.1 **I**	3.2 **I**	2.5 **U**	5.4 **I**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	2.4	0.23 **U**	0.16 **U**	0.16 **U**	0.37 **I**	0.21 **I**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.52 **I**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.98 **I**	0.5 **U**
Chlorobenzene[1]	100	ug/L	3.4	0.15 **U**	0.17 **U**	2.2	3	3.2	2.2	2.6
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0068 **U**	0.0063 **U**	0.0063 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.88 **I**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.87 **I**
Xylenes, Total[1]	10000	ug/L	0.82 **I**	0.32 **U**	0.32 **U**	0.32 **U**	1.8	0.63 **I**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B63-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			10/26/2005	NS	5/4/2006	10/27/2006	4/26/2007	11/12/2007	4/23/2008	11/7/2008
Field Parameter:										
Conductivity	NA	umhos/cm	678	----	1323	618	660	653	641	646
Dissolved Oxygen	NA	mg/L	0.33	----	0.98	0.35	0.23	0.19	0.29	0.46
Groundwater Elevation	NA	feet	29.21	----	26.46	24.96	23.91	27.33	26.38	27.73
pH[3]	6.5-8.5	S.U.	6.45	----	6.55	6.44	6.41	6.41	6.02	6.22
Temperature, Water	NA	deg C	22.53	----	25.2	23.13	23.01	22.75	22.45	23.33
Turbidity	NA	NTU	4.54	----	2.29	0.01 **U**	2.49	5.17	1.86	0.94
TDS/Conductivity Ratio	NA	None	0.60	----	0.30	0.65	0.59	0.61	0.62	0.56
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	----	0.55 **I**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	----	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	57	----	60	58	57	61	56	61
Beryllium[1]	4	ug/L	0.056 **U**	----	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	----	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	----	0.76 **I**	0.65 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.6 **U**	----	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	----	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	3200	----	3400	3200	3200	3400	3000	3100
Lead[1]	15	ug/L	2.2 **U**	----	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	----	0.023 **I**	0.039 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	2.**6 I**	----	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	----	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	----	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	53 **V**	----	61	55	54	54	54	56
Thallium[1]	2	ug/L	0.12 **U**	----	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.73 **U**	----	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	----	4 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	79	----	69	67	69	69	65	65
Sulfate[2]	250	mg/L	0.051 **U**	----	0.051 **U**	0.05**1 U**	0.05**1 U**	0.085 **U**	0.085 **U**	0.055 **U**
Total Dissolved Solids[2]	500	mg/L	410	----	400	400	390	400	400	360
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	----	0.23	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.14	----	0.16	0.091	0.1	0.11	0.089	0.11

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B63-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			10/26/2005	NS	5/4/2006	10/27/2006	4/26/2007	11/12/2007	4/23/2008	11/7/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	----	0.006 **U**	0.006 **U**	0.006 **U**	0.0061 **U**	0.0058 **U**	0.0048 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	----	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	----	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	----	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	----	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	----	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	----	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	----	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	----	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	----	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	----	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	----	0.0063 **U**	0.0063 **U**	0.0063 **U**	0.0064 **U**	0.0061 **U**	0.006 **U**
Iodomethane	NA	ug/L	0.52 **U**	----	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	----	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	----	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	----	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	----	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B68 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/6/2005	10/19/2005	5/4/2006	10/30/2006	4/25/2007	11/7/2007	4/23/2008	11/5/2008	12/1/2008
Field Parameter:											
Conductivity	NA	umhos/cm	535	584	1050	439	478	536	545	580	595
Dissolved Oxygen	NA	mg/L	1.18	0.41	4.2	0.28	0.1	0.24	0.27	0.2	0.31
Groundwater Elevation	NA	feet	23.41	23.8	22.43	21.88	25.13	26.62	26.2	26.28	----
pH[3]	6.5-8.5	S.U.	5.42	5.93	5.87	5.56	5.64	6.09	5.55	5.5	5.92
Temperature, Water	NA	deg C	21.9	25.3	30.7	24.24	24.8	23.22	23.34	24.04	24.02
Turbidity	NA	NTU	7.9	7.07	13.8	2.06	0.99	1.46	1.18	0.96	4.23
TDS/Conductivity Ratio	NA	None	0.64	0.48	0.30	0.77	0.67	0.65	0.64	0.69	----
Inorganic Parameters:											
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7.6 **I**	5 **U**	----
Barium[1]	2000	ug/L	64	58	57	65	66	74	72	79	----
Beryllium[1]	4	ug/L	0.18 **I**	0.15 **I**	0.16 **I**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Chromium[1]	100	ug/L	3.6 **I**	2.1 **I**	2.9 **I**	2 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Cobalt[3]	140	ug/L	1.9 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Copper[3]	1000	ug/L	1.7 **I**	0.58 **I**	2.1 **U**	2.1 **U**	2.5 **U**	3.6 **IV**	2.5 **U**	2.5 **U**	----
Iron[2]	300	ug/L	16000	14000	14000	14000	14000	15000	16000	18000	----
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**	----
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.029 **I**	0.019 **VI**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**	----
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Selenium[1]	50	ug/L	4.4 **I**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**	----
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	----
Sodium[1]	160	mg/L	20 **V**	18	19	19	17	19	18	21	----
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**	----
Vanadium[3]	49	ug/L	2.7 **I**	2.6 **I**	4.3 **I**	2.6 **I**	5 **U**	5 **U**	5 **U**	5 **U**	----
Zinc[2]	5000	ug/L	23	7.3 **I**	15 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**	----
Chloride[2]	250	mg/L	26	25	24	23	22	26	26	28	----
Sulfate[2]	250	mg/L	0.17 **I**	1.3	0.1 **I**	0.48 **I**	0.051 **U**	0.43 **I**	0.2 **I**	0.45 **I**	----
Total Dissolved Solids[2]	500	mg/L	340	280	320	340	320	350	350	400	----
Nitrogen, Nitrate[1]	10	mg/L	0.025 **I**	0.017 **I**	0.078	0.0091 **U**	0.0091 **U**	0.01 **U**	0.035 **I**	0.012 **U**	----
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	2.2	4.1	1.5	1.1	1.3	1.1	1.1	1.1	----

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B68 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	
			5/6/2005	10/19/2005	5/4/2006	10/30/2006	4/25/2007	11/7/2007	4/23/2008	11/5/2008	12/1/2008
Organic Parameters:											
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.006 **U**	0.0062 **U**	0.0048 **U**	----
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	----	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	----	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.83 **I**	0.65 **U**	0.65 **U**	----	5 **U**
Acetone[3]	6300	ug/L	14	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.7 **I**	----	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	----	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	----	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	----	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	----	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	----	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	----	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0063 **U**	0.0065 **U**	0.0061 **U**	----
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	----	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	----	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	----	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	----	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	----	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B70-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/3/2005	10/20/2005	5/1/2006	10/27/2006	4/24/2007	11/8/2007	4/22/2008	11/4/2008
Field Parameter:										
Conductivity	NA	umhos/cm	155	231	333	238	253	270	275	297
Dissolved Oxygen	NA	mg/L	1.02	0.63	1.79	0.76	0.15	0.13	0.38	0.19
Groundwater Elevation	NA	feet	21	24.25	20.99	19.5	19.16	22.01	21.38	22.87
pH[3]	6.5-8.5	S.U.	5.2	5.76	5.67	5.29	5.59	5.66	5.31	5.12
Temperature, Water	NA	deg C	22.32	25.3	22.18	25.89	23.07	23.44	22.6	23.05
Turbidity	NA	NTU	2.2	0.01	2.8	0.59	0.5	1	0.53	0.49
TDS/Conductivity Ratio	NA	None	0.71	0.69	0.75	0.92	0.67	0.67	0.62	0.67
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium[1]	2000	ug/L	10	25	38	27	29	35	28	36
Beryllium[1]	4	ug/L	0.27 **I**	230	0.28 **I**	0.32 **I**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	1 **I**	1.4 **I**	1.4 **I**	3.3 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.6 **U**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	1 **I**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	2400	5500	7300	6700	5000	5600	4600	6000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.041 **IV**	0.012 **U**	0.036 **I**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	15	23	28	28	24 **V**	24	21	25
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.82 **I**	1.3 **I**	1.6 **U**	2.5 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	9.1 **I**	4.4 **I**	3.2 **U**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	17	34	59	52	33	41	33	37
Sulfate[2]	250	mg/L	9.7	33	30	25	29	34	40	49
Total Dissolved Solids[2]	500	mg/L	110	160	250	220	170	180	170	200
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.059	0.066	0.11	0.014 **U**	0.053	0.043 **I**	0.02 **U**	0.03 **I**

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B70-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/3/2005	10/20/2005	5/1/2006	10/27/2006	4/24/2007	11/8/2007	4/22/2008	11/4/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0061 **U**	0.0061 **U**	0.0051 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0098 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.006 **U**	0.0064 **U**	0.0064 **U**	0.0064 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B73-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/20/2005	5/2/2006	10/30/2006	4/25/2007	11/8/2007	4/22/2008	11/5/2008
Field Parameter:										
Conductivity	NA	umhos/cm	649	563	1176	634	678	713	729	726
Dissolved Oxygen	NA	mg/L	1.68	1.22	5.02	0.41	0.26	0.22	0.24	0.27
Groundwater Elevation	NA	feet	23.13	23.21	19.93	19.11	18.25	22.45	21.83	22.6
pH[3]	6.5-8.5	S.U.	6.19	6.71	6.67	6.39	6.47	6.81	6.19	6.2
Temperature, Water	NA	deg C	21.5	26.5	23.96	23.98	23.02	23	23.33	23.44
Turbidity	NA	NTU	2	2.45	21.3	0.01 **U**	0.78	0.56	0.71	0.59
TDS/Conductivity Ratio	NA	None	0.52	0.55	0.30	0.73	0.56	0.56	0.53	0.58
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7.6 **I**	5 **U**
Barium[1]	2000	ug/L	43	40	47	49	48	53	48	53
Beryllium[1]	4	ug/L	0.075 **I**	0.071 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	0.6 **U**	0.65 **I**	0.65 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	2.8 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.76 **I**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	12000	8300	12000	12000	12000	13000	13000	14000
Lead[1]	15	ug/L	2.2 **U**	2.2 **U**	2.6 **U**	2.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Mercury[1]	2	ug/L	0.012 **U**	0.026 **IV**	0.012 **U**	0.018 **VI**	0.1 **U**	0.1 **U**	0.022 **I**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver[2]	100	ug/L	0.93 **U**	0.93 **U**	0.91 **U**	0.91 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Sodium[1]	160	mg/L	42 **V**	36	40 **V**	46	47	46	44	46
Thallium[1]	2	ug/L	0.12 **U**	0.12 **U**	0.12 **U**	0.12 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Vanadium[3]	49	ug/L	0.73 **U**	0.73 **U**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	3.5 **U**	7.2 **I**	6.3 **I**	7.9 **VI**	10 **U**	10 **U**	10 **U**	10 **I**
Chloride[2]	250	mg/L	41	46	43	40	46	51	52	50
Sulfate[2]	250	mg/L	0.47 **I**	4	8	0.3 **I**	0.5 **I**	0.9	0.84	1.9
Total Dissolved Solids[2]	500	mg/L	340	310	350	460	380	400	390	420
Nitrogen, Nitrate[1]	10	mg/L	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.029 **I**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.14	0.25	0.19	0.067	0.07	0.082	0.064	0.092

2009 Biennial, Tamoka Farms, Volusia Couty, Florida
Zone 4 Monitoring Well B73-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/6/2005	10/20/2005	5/2/2006	10/30/2006	4/25/2007	11/8/2007	4/22/2008	11/5/2008
Organic Parameters:										
1,1-Dichloroethane[3]	70	ug/L	0.26 **U**	0.26 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,1-Dichloroethene[1]	7	ug/L	0.4 **U**	0.4 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
1,2-Dibromo-3-chloropropane[1]	0.2	ug/L	0.0055 **U**	0.0055 **U**	0.006 **U**	0.006 **U**	0.0057 **U**	0.0061 **U**	0.0059 **U**	0.0049 **U**
1,2-Dichlorobenzene[1]	600	ug/L	0.19 **U**	0.19 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.11 **U**	0.51 **U**
1,4-Dichlorobenzene[1]	75	ug/L	0.19 **U**	0.19 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.86 **U**	0.5 **U**
2-Butanone (MEK)[3]	4200	ug/L	1.8 **U**	1.8 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	0.65 **U**	5 **U**
Acetone[3]	6300	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Bromoform[3]	4.4	ug/L	0.28 **U**	0.28 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.42 **U**	0.5 **U**
Benzene[1]	1	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Carbon Disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Chlorobenzene[1]	100	ug/L	0.15 **U**	0.15 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.17 **U**	0.5 **U**
cis-1,2-Dichloroethene[1]	70	ug/L	0.17 **U**	0.17 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.92 **U**	0.5 **U**
Ethylbenzene[1]	30	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Ethylene Dibromide[1]	0.02	ug/L	0.0099 **U**	0.0099 **U**	0.0063 **U**	0.0063 **U**	0.0059 **U**	0.0064 **U**	0.0062 **U**	0.0062 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene Chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Toluene[1]	1000	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Vinyl Chloride[1]	1	ug/L	0.43 **U**	0.43 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.37 **U**	0.53 **U**
Xylenes, Total[1]	10000	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
[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.)
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.
Q = Sample held beyond the accepted holding time

2009 Biannual, Tomoka Farms, Volusia County, Florida
Floridian Monitoring Well FA-1B Summary Data

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	10/20/2005	5/2/2006	10/31/2006	4/26/2007	11/9/2007	4/23/2008	11/7/2008
Field Parameters:										
Conductivity	NA	umhos/cm	565	578	1104	514	581	579	569	547
Dissolved Oxygen	NA	mg/L	1.38	2.6	2.57	2.22	0.05	0.39	0.28	0.21
Groundwater Elevation	NA	feet	20.46	21.6	17.23	15.16	14.15	18.84	17.2	20.67
pH[3]	6.5-8.5	S.U.	9.2	7.24	7.46	7.41	7.02	7.41	7.06	6.84
Temperature, Water	NA	deg **C**	24.01	24.6	22.68	24.62	21.88	22.45	21.91	22.98
Turbidity	NA	NTU	1.4	0.75	6.77	4.3	0.01 **U**	2.65	2.11	0.61
TDS/Conductivity Ratio	NA	None	0.62	0.57	0.31	0.56	0.57	0.60	0.58	0.62
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.4 **U**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5.2 **I**	5 **U**
Barium[1]	2000	ug/L	24	31	36	38	19	34	33	36
Beryllium[1]	4	ug/L	0.1 **IV**	0.059 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.36 **U**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.6 **U**	0.6 **U**	0.69 **I**	0.65 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	3 **I**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.47 **U**	2.1 **U**	2.1 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	550	1000	560	460	320	620	460	1000
Mercury[1]	2	ug/L	0.012 **U**	0.033 **IV**	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	1 **U**	1 **U**	1.5 **U**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	8.6 **I**	7.5 **U**	7.5 **U**	7.5 **U**
Sodium[1]	160	mg/L	10	10	11 **V**	9.7	11	10	10	11
Vanadium[3]	49	ug/L	0.73 **U**	0.73 **U**	1.6 **U**	1.6 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	11 **I**	5.5 **I**	8 **I**	5 **I**	10 **U**	10 **U**	10 **U**	10 **U**
Chloride[2]	250	mg/L	14	15	14	13	14	14	14	15
Sulfate[2]	250	mg/L	0.24 **I**	0.11 **I**	0.45 **I**	2	0.051 **U**	0.085 **U**	0.22 **I**	0.055 **U**
Total Dissolved Solids[2]	500	mg/L	350	330	340	290	330	350	330	340
Nitrogen, Nitrate[1]	10	mg/L	0.073	0.018 **I**	0.42	2.5	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.49	0.49	0.72	0.81	0.3	0.57	0.37	1.2

2009 Biannual, Tomoka Farms, Volusia County, Florida
Floridian Monitoring Well FA-1B Summary Data

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	10/20/2005	5/2/2006	10/31/2006	4/26/2007	11/9/2007	4/23/2008	11/7/2008
Organic Parameters:										
Carbon disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Methylene chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.87 **I**	0.33 **U**	2.5 **U**

Notes:

= Sample result above the MCL

MCL = Maximum Contaminat Level

NA = Not Available

NS = Not Sampled

---- = Not Tested

[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.)

I = the reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Floridian Monitoring Well FA-2C Summary Data

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	10/19/2005	5/1/2006	10/31/2006	4/25/2007	11/9/2007	4/23/2008	11/5/2008
Field Parameters:										
Conductivity	NA	umhos/cm	510	424	410	645	710	565	694	403
Dissolved Oxygen	NA	mg/L	1.38	2.1	2.58	0.24	0.07	0.2	0.18	0.19
Groundwater Elevation	NA	feet	16.15	17.8	12.9	11	11.11	15.71	14.31	17.62
pH[3]	6.5-8.5	S.U.	9.55	8.38	8.52	8.52	8.17	7.99	7.9	7.21
Temperature, Water	NA	deg **C**	22.38	24.67	22.92	22.38	22.37	21.34	21.81	21.78
Turbidity	NA	NTU	2.8	3.58	4.28	0.01 **U**	0.01 **U**	0.49	5.26	0.21
TDS/Conductivity Ratio	NA	None	0.65	0.54	0.71	0.57	0.59	0.60	0.55	0.69
Inorganic Parameters:										
Antimony[1]	6	ug/L	0.4 **U**	0.4 **U**	0.68 **I**	0.4 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.52 **I**
Arsenic[1]	10	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	7.3 **IV**	11
Barium[1]	2000	ug/L	6.8 **I**	11	22	27	29	18	18	9.1 **I**
Beryllium[1]	4	ug/L	0.092 **IV**	0.069 **I**	0.16 **U**	0.16 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	0.34 **U**	0.34 **U**	0.49 **I**	0.36 **U**	0.5 **U**	0.5 **U**	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	0.72 **I**	1.1 **I**	1.4 **I**	0.65 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	1.6 **U**	1.6 **U**	1 **U**	1 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Copper[3]	1000	ug/L	0.47 **U**	0.91 **I**	8.7	2.1 **U**	2.5 **U**	2.5 **U**	3 **I**	4.8 **I**
Iron[2]	300	ug/L	35 **I**	54	170	130	140	45	1200	93
Mercury[1]	2	ug/L	0.012 **U**	0.012 **U**	0.012 **U**	0.012 **U**	0.1 **U**	0.1 **U**	0.02 **U**	0.02 **I**
Nickel[1]	100	ug/L	1 **U**	1.1 **I**	1.7 **I**	1.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	3.1 **U**	3.1 **U**	4.2 **U**	4.2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Sodium[1]	160	mg/L	63	61	45	51	49	34	45	6.2
Vanadium[3]	49	ug/L	0.73 **U**	0.73 **U**	1.6 **U**	1.6 **U**	5 **U**	5.7 **I**	5 **U**	5 **U**
Zinc[2]	5000	ug/L	4.3 **I**	5.3 **I**	20 **I**	3.2 **U**	10 **U**	10 **U**	12 **I**	10 **U**
Chloride[2]	250	mg/L	59	63	48	67	68	47	56	3.5
Sulfate[2]	250	mg/L	0.31 **I**	0.55	1.7	0.26 **I**	0.28 **I**	3.9	0.31 **I**	11
Total Dissolved Solids[2]	500	mg/L	330	230	290	370	420	340	380	280
Nitrogen, Nitrate[1]	10	mg/L	0.058	0.14	1.3	0.0091 **U**	0.0091 **U**	0.054	0.085	2.1
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	0.71	0.64	0.069	0.5	0.45	0.41	5.3	1.2

2009 Biannual, Tomoka Farms, Volusia County, Florida
Floridian Monitoring Well FA-2C Summary Data

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	10/19/2005	5/1/2006	10/31/2006	4/25/2007	11/9/2007	4/23/2008	11/5/2008
Organic Parameters:										
Carbon disulfide[3]	700	ug/L	0.49 **U**	0.49 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.81 **U**	0.5 **U**
Methylene chloride[1]	5	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	1.1 **I**	0.33 **U**	2.5 **U**

Notes:

= Sample result above the MCL

MCL = Maximum Contaminat Level

NA = Not Available

NS = Not Sampled

---- = Not Tested

[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.)

I = the reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Floridian Monitoring Well F-MB Summary Data

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			NS	NS	NS	NS	NS	NS	4/25/2008	11/7/2008
Field Parameters:										
Conductivity	NA	umhos/cm	----	----	----	----	----	----	589	600
Dissolved Oxygen	NA	mg/L	----	----	----	----	----	----	0.16	0.23
Groundwater Elevation	NA	feet	----	----	----	----	----	----	16.54	19.83
pH[3]	6.5-8.5	S.U.	----	----	----	----	----	----	6.58	7.08
Temperature, Water	NA	deg **C**	----	----	----	----	----	----	23.84	23.83
Turbidity	NA	NTU	----	----	----	----	----	----	9.92	19
TDS/Conductivity Ratio	NA	None	----	----	----	----	----	----	0.56	0.53
Inorganic Parameters:										
Antimony[1]	6	ug/L	----	----	----	----	----	----	0.5 **U**	0.5 **U**
Arsenic[1]	10	ug/L	----	----	----	----	----	----	5 **U**	5 **U**
Barium[1]	2000	ug/L	----	----	----	----	----	----	43	35
Beryllium[1]	4	ug/L	----	----	----	----	----	----	0.5 **U**	0.5 **U**
Cadmium[1]	5	ug/L	----	----	----	----	----	----	0.5 **U**	0.5 **U**
Chromium[1]	100	ug/L	----	----	----	----	----	----	2.5 **U**	2.5 **U**
Cobalt[3]	140	ug/L	----	----	----	----	----	----	6.3 **I**	5 **U**
Copper[3]	1000	ug/L	----	----	----	----	----	----	2.5 **U**	2.5 **U**
Iron[2]	300	ug/L	----	----	----	----	----	----	540	790
Mercury[1]	2	ug/L	----	----	----	----	----	----	0.02 **U**	0.02 **U**
Nickel[1]	100	ug/L	----	----	----	----	----	----	2.5 **U**	2.5 **U**
Selenium[1]	50	ug/L	----	----	----	----	----	----	7.5 **U**	7.5 **U**
Sodium[1]	160	mg/L	----	----	----	----	----	----	21	17
Vanadium[3]	49	ug/L	----	----	----	----	----	----	5 **U**	5 **U**
Zinc[2]	5000	ug/L	----	----	----	----	----	----	10 **U**	10 **U**
Chloride[2]	250	mg/L	----	----	----	----	----	----	23	23
Sulfate[2]	250	mg/L	----	----	----	----	----	----	2.9	0.33 **I**
Total Dissolved Solids[2]	500	mg/L	----	----	----	----	----	----	330	320
Nitrogen, Nitrate[1]	10	mg/L	----	----	----	----	----	----	0.01 **U**	0.012 **U**
Nitrogen, Ammonia (As N)[3]	2.8	mg/L	----	----	----	----	----	----	0.24	0.3

2009 Biannual, Tomoka Farms, Volusia County, Florida
Floridian Monitoring Well F-MB Summary Data

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			NS	NS	NS	NS	NS	NS	4/25/2008	11/7/2008
Organic Parameters:										
Carbon disulfide[3]	700	ug/L	----	----	----	----	----	----	0.98 **I**	0.5 **U**
Methylene chloride[1]	5	ug/L	----	----	----	----	----	----	0.33 **U**	2.5 **U**

Notes:

= Sample result above the MCL

MCL = Maximum Contaminat Level

NA = Not Available

NS = Not Sampled

---- = Not Tested

[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.)

I = the reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Field Parameters:										
Conductivity	1275	umhos/cm	132	68	75	67	89	90	98	87
pH	6.5-8.5	S.U.	7.42	7.2	5.87	7.44	6.98	6.6	7.11	5.31
Temperature, Water	NA	deg C	27.52	25.02	27.42	22.88	23.27	21.22	24.4	22.53
Turbidity	See below[1]	NTU	3.3	7.8	2.31	1.87	1.38	0.72	1.54	2.65
(calculated turbidity MCL)			NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen	>5	mg/L	5.9	8.49	6.23	7.43	7.41	6.49	5.84	7.36
Groundwater Elevation	NA	feet, NGVD	----	----	----	----	----	28.00	----	28.49
Inorganic Parameters:										
Antimony	4,300	ug/L	3 **U**	3 **U**	2 **U**	2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Arsenic	50	ug/L	2.8 **U**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium	NA	ug/L	2 **I**	1.6 **I**	1.4 **U**	3.1 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Beryllium	0.13 [2]	ug/L	0.039 **U**	0.039 **U**	0.039 **U**	0.039 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Cadmium	See below[3]	ug/L	0.026 **I**	0.033 **I**	0.026 **U**	0.026 **U**	0.05 **U**	0.05 **U**	0.072 **U**	0.05 **U**
(calculated cadmium MCL)			0.38	0.3819	0.38	0.38	0.38	0.38	0.38	0.38
Chromium	See below[4]	ug/L	0.6 **U**	2.9 **I**	0.65 **U**	0.65 **U**	0.05 **U**	0.05 **U**	2.5 **U**	2.5 **U**
(calculated turbidity MCL)			67	67	28	28	28	28	28	28
Copper	See below[5]	ug/L	0.37 **U**	2.5	0.37 **U**	0.37 **U**	0.05 **U**	0.05 **U**	0.72 **U**	0.5 **U**
(calculated copper MCL)			3.6	3.6	2.9	2.9	2.9	2.9	2.9	2.9
Lead	See below[6]	ug/L	0.1 **I**	0.12 **I**	0.13 **I**	0.045 **I**	0.05 **U**	0.05 **U**	0.5 **U**	0.5 **U**
(calculated lead MCL)			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Nickel	See below[7]	ug/L	1 **U**	270 **V**	1.5 **U**	1.5 **U**	0.05 **U**	0.05 **U**	2.5 **U**	2.5 **U**
(calculated nickel MCL)			49	49	16	16	16	16	16	16
Selenium	5	ug/L	3.7 **I**	3.1 **U**	4.2 **U**	4.2 **U**	0.05 **U**	0.05 **U**	7.5 **U**	7.5 **U**
Zinc	See below[8]	ug/L	4.8 **I**	220	5 **I**	11 **I**	0.05 **U**	0.05 **U**	10 **U**	10 **U**
(calculated zinc MCL)			33	33	37	37	37	37	37	37
Chemical Oxygen Demand	NA	mg/L	19 **I**	22 **IV**	28 **V**	52	8.9 **I**	18 **I**	24 **I**	24 **I**
Total Disolved Solids	NA	mg/L	61	45	44	55	49	45	36	54
Solids, Suspended	NA	mg/L	3 **I**	1.4 **I**	0.77 **U**	2.3 **U**	2.3 **U**	3.4 **I**	5 **U**	5 **U**
Nitrogen, Nitrate	NA	mg/L	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.01 **U**	0.01 **U**	0.012 **U**
Total Nitrogen	NA	mg/L	0.023 **I**	0.035 **IV**	0.48 **I**	0.52	0.46 **I**	0.52	0.4 **I**	0.42 **I**
Nitrogen, Kjeldahl, Total	NA	mg/L	0.56	0.48 **I**	----	----	----	----	----	----
Nitrogen, Ammonia (Unionized)	0.02	mg/L	0.014 **U**	0.014 **U**	0.014 **U**	0.014 **U**	0.014 **U**	0.02 **U**	0.02 **U**	0.02 **U**
Nitrogen, as Ammonia	NA	mg/L	----	0.014 **U**	----	----	----	----	0.02 **U**	0.02 **U**
Phosphorus, Total (as P)	NA	mg/L	0.0064 **U**	0.01 **I**	0.021 **VI**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Total Hardness as CaCO3	>20	mg/L	----	----	8.4	9.3	9.6	12	11	11

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Organic Parameters:										
Acetone	1,700	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	5 **U**
Benzene	71.28 [9]	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Biochemical Oxygen Demand	NA	mg/L	2 **U**	2 **U**	2 **U**	3 **U**	2 **U**	2 **U**	2.2	2 **U**
Chlorophyll a	NA	mg/m³	2.1	5	1.1	1.4	1.2	1.5	1.7	3
Ethylbenzene	610	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Fecal Coliform	800	cfu/100mL	10 **U**	----	100 **U**	5 **Z**	8	2 **U**	2	2 **U**
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene chloride	1,580 [10]	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.44 **I**	2.5 **U**
Organic Carbon, Total	NA	mg/L	6.9	5.8	4.9 **V**	5	5.3	3.7	6.2	4.5
Toluene	480	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Xylenes, Total	370	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

[1] Parameter MCL is caluculated by the following formula: not greater than or equal to 29 above background (SW-1 = background).

[2] Parameter MCL is calculated by the following formula: ≤0.13 annual average.

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

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

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

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

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

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

If hardness values were not determined for a particular date, the average hardness values of the remaining samples were used in the calculation.

[9] Parameter MCL is calculated by the following formula: ≤71.28 annual average.

[10] Parameter MCL is calculated by the following formula: ≤1,580 annual average.

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Sample result above the MCL.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Field Parameters:											
Conductivity	1275	umhos/cm	213	429	326	397	471	512	419	477	424
pH	6.5-8.5	S.U.	9.2	6.99	7	7.33	7.65	8.54	7.63	7.19	6.78
Temperature, Water	NA	deg C	25.79	27.19	19.34	27.92	20.15	21.44	19.24	24.53	21.43
Turbidity	See below[1]	NTU	1.3	5.2	9.07	2.68	9.56	7.58	2.25	2.84	2
(calculated turbidity MCL)			32.3	36.8	31.31	30.87	30.38	29.72	30.54	31.65	29
Dissolved Oxygen	>5	mg/L	8.05	5	6.39	4.58	5.39	11.08	5.74	6.63	6.76
Groundwater Elevation	NA	feet, NGVD	----	----	----	----	----	----	28.28	26.58	26.73
Inorganic Parameters:											
Antimony	4,300	ug/L	3 **U**	----	7.7 **I**	2 **U**	3.3 **VI**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Arsenic	50	ug/L	2.8 **U**	----	4.3 **I**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium	NA	ug/L	26	----	16	26	34	5.6 **I**	30	37	34
Beryllium	0.13 [2]	ug/L	0.039 **U**	----	0.039 **U**	0.039 **U**	0.039 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Cadmium	See below[3]	ug/L	0.026 **U**	----	0.026 **U**	0.026 **U**	0.026 **U**	0.051 **I**	0.05 **U**	0.05 **U**	0.05 **U**
(calculated cadmium MCL)			1.64	----	1.64	1.64	1.64	1.72	1.64	1.88	1.72
Chromium	See below[4]	ug/L	0.6 **U**	----	4.5 **I**	0.65 **U**	0.026 **U**	0.051 **I**	2.5 **U**	2.5 **U**	2.5 **U**
(calculated turbidity MCL)			304	----	127	127	127	133	127	146	133
Copper	See below[5]	ug/L	0.37 **U**	----	2.2	0.37 **U**	0.026 **U**	0.051 **I**	0.56 **U**	0.71 **I**	0.5 **U**
(calculated copper MCL)			17.7	----	13.9	13.9	13.9	14.7	13.9	16.1	14.7
Cobalt	NA	ug/L	1.6 **U**	----	3.5 **I**	1 **U**	0.026 **U**	0.051 **I**	5 **U**	5 **U**	5 **U**
Iron	1,000	ug/L	440	----	5200 **V**	210	0.026 **U**	0.051 **I**	480	300	570
Lead	See below[6]	ug/L	0.038 **U**	----	0.14 **I**	0.055 **I**	0.026 **U**	0.051 **I**	0.5 **U**	0.5 **U**	0.5 **U**
(calculated lead MCL)			5.8	----	5.8	5.8	5.8	6.3	5.8	7.2	6.3
Mercury	0.012	ug/L	0.012 **U**	----	0.012 **U**	0.012 **U**	0.026 **U**	0.051 **I**	0.05 **U**	0.02 **U**	0.02 **U**
Nickel	See below[7]	ug/L	1 **U**	----	260 **V**	1.5 **U**	0.026 **U**	0.051 **I**	2.5 **U**	2.5 **U**	2.5 **U**
(calculated nickel MCL)			235	----	78	78	78	82	78	90	82
Selenium	5	ug/L	3.1 **U**	----	3.1 **U**	4.2 **U**	0.026 **U**	0.051 **I**	7.5 **U**	7.5 **U**	7.5 **U**
Silver	0.07	ug/L	0.018 **U**	----	0.018 **U**	0.018 **U**	0.026 **U**	0.051 **I**	0.05 **U**	0.05 **U**	0.05 **U**
Sodium	NA	mg/L	20	----	16	20	0.026 **U**	0.051 **I**	22	25	26
Thallium	6.3	ug/L	1.9 **I**	----	1.5 **I**	4.8 **U**	0.026 **U**	0.051 **I**	7.5 **U**	7.5 **U**	7.5 **U**
Vanadium	NA	ug/L	1.1 **I**	----	4.2 **I**	1.6 **U**	0.026 **U**	0.051 **I**	5 **U**	5 **U**	5 **U**
Zinc	See below[8]	ug/L	3.5 **U**	----	220	3.2 **U**	0.026 **U**	0.051 **I**	10 **U**	10 **U**	10 **U**
(calculated zinc MCL)			158	----	178	178	178	188	178	206	188
Chemical Oxygen Demand	NA	mg/L	42	----	50 **V**	46 **V**	45	47	38	46	54
Total Disolved Solids	NA	mg/L	230	----	200	220	300	330	240	260	270
Solids, Suspended	NA	mg/L	5.2	----	3.4 **I**	1.5 **I**	6.4	4.5 **I**	4.1 **I**	5 **U**	5 **U**
Nitrogen, Nitrate	NA	mg/L	0.023 **I**	----	0.068	0.0091 **U**	0.036 **I**	0.0091 **U**	0.15	0.01 **U**	0.068
Total Nitrogen as N	NA	mg/L	0.007 **I**	----	0.096 **V**	1	1.6	1.1	1.3	0.74	1.1
Nitrogen, Kjeldahl, Total	NA	mg/L	1.5	----	1.2	----	----	----	----	----	----
Nitrogen, Ammonia (Unionized)	0.02	mg/L	0.02 **I**	----	0.014 **U**	0.014 **U**	0.014 **U**	0.014 **U**	0.02 **U**	0.02 **U**	0.02 **U**
Nitrogen, as Ammonia	NA	mg/L	----	----	0.057	----	----	----	----	0.025 **I**	0.022 **I**
Phosphorus, Total (as P)	NA	mg/L	0.02 **I**	----	0.05 **I**	0.034 **VI**	0.05 **I**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Total Hardness as CaCO3	>20	mg/L	----	----	----	160	160	170	160	190	170

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-2 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Organic Parameters:											
Acetone	1,700	ug/L	3.7 **U**	----	3.7 **U**	2.5 **U**	2.5 **U**	2.6 **I**	2.5 **U**	2.6 **I**	5 **U**
Benzene	71.28 [9]	ug/L	0.23 **U**	----	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.52 **I**	0.16 **U**	0.5 **U**
Biochemical Oxygen Demand	NA	mg/L	2.3	----	2 **U**	2.2	2.2	2 **I**	2.5	2.4	3 **U**
Chlorophyll a	NA	mg/m³	3.7	----	12	4.4	15	4.7	16	4	9.4
Ethylbenzene	610	ug/L	0.2 **U**	----	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.59 **I**	0.47 **U**	0.5 **U**
Fecal Coliform	800	cfu/100mL	----	40	----	100 **U**	520	2 **U**	10 **U**	70	10
Iodomethane	NA	ug/L	0.52 **U**	----	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene chloride	1,580 [10]	ug/L	2 **U**	----	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Organic Carbon, Total	NA	mg/L	12	----	12	13 **V**	13	15	14	15	14
Toluene	480	ug/L	0.35 **U**	----	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.73 **I**	0.15 **U**	0.5 **U**
Xylenes, Total	370	ug/L	0.32 **U**	----	0.32 **U**	0.32 **U**	0.32 **U**	0.95 **I**	0.32 **U**	0.32 **U**	1 **U**

Notes:

[1] Parameter MCL is caluculated by the following formula: not greater than or equal to 29 above background (SW-1 = background).

[2] Parameter MCL is calculated by the following formula:≤0.13 annual average.

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

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

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

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

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

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

If hardness values were not determined for a particular date, the average hardness values of the remaining samples were used in the calculation.

[9] Parameter MCL is calculated by the following formula:≤71.28 annual average.

[10] Parameter MCL is calculated by the following formula:≤1,580 annual average.

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Sample result above the MCL.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-3 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	----	----	----	11/6/2007	4/25/2008	11/7/2008
Field Parameters:											
Conductivity	1275	umhos/cm	218	365	143	----	----	----	414	280	165
pH	6.5-8.5	S.U.	8.4	7.65	6.52	----	----	----	7.15	6.44	6.19
Temperature, Water	NA	deg C	27.36	24.66	17	----	----	----	21.37	26.77	21.73
Turbidity	See below[1]	NTU	75	6.8	6.4	----	----	----	0.51	4.21	0.36
(calculated turbidity MCL)			32.3	36.8	31.31	----	----	----	30.54	31.65	29
Dissolved Oxygen	>5	mg/L	5.39	2.5	2.75	----	----	----	2.9	7.1	3.46
Groundwater Elevation	NA	feet, NGVD	----	----	----	----	----	----	22.91	----	23.21
Inorganic Parameters:											
Antimony	4,300	ug/L	3 **U**	----	3 **U**	----	----	----	7.5 **U**	7.5 **U**	7.5 **U**
Arsenic	50	ug/L	2.8 **U**	----	2.8 **U**	----	----	----	5 **U**	5 **U**	5 **U**
Barium	NA	ug/L	15	----	10	----	----	----	29	22	14
Beryllium	0.13 [2]	ug/L	0.039 **U**	----	0.039 **U**	----	----	----	0.05 **U**	0.087 **I**	0.05 **U**
Cadmium	See below[3]	ug/L	0.033 **I**	----	0.026 **U**	----	----	----	0.05 **U**	0.081 **I**	0.05 **U**
(calculated cadmium MCL)			1.24	----	1.24	----	----	----	1.72	1.22	0.73
Chromium	See below[4]	ug/L	0.6 **U**	----	6.1	----	----	----	2.5 **U**	2.5 **U**	2.5 **U**
(calculated turbidity MCL)			227	----	95	----	----	----	133	93	54
Copper	See below[5]	ug/L	0.37 **U**	----	4.9	----	----	----	0.56 **U**	1.3	0.5 **U**
(calculated copper MCL)			13.0	----	10.3	----	----	----	14.7	10.1	5.8
Cobalt	NA	ug/L	1.6 **U**	----	1.6 **U**	----	----	----	5 **U**	5 **U**	5 **U**
Iron	1,000	ug/L	420	----	7300 **V**	----	----	----	320	530	370
Lead	See below[6]	ug/L	0.056 **I**	----	0.21 **I**	----	----	----	0.5 **U**	0.79 **I**	0.5 **U**
(calculated lead MCL)			3.7	----	3.7	----	----	----	6.3	3.6	1.6
Mercury	0.012	ug/L	0.015 **IV**	----	0.029 **I**	----	----	----	0.05 **U**	0.02 **U**	0.02 **U**
Nickel	See below[7]	ug/L	1 **U**	----	400 **V**	----	----	----	2.5 **U**	2.5 **U**	2.5 **U**
(calculated nickel MCL)			174	----	57	----	----	----	82	57	32
Selenium	5	ug/L	3.7 **I**	----	3.1 **U**	----	----	----	7.5 **U**	7.5 **U**	7.5 **U**
Silver	0.07	ug/L	0.018 **U**	----	0.018 **U**	----	----	----	0.05 **U**	0.064 **I**	0.05 **U**
Sodium	NA	mg/L	12	----	11	----	----	----	23	17	11
Thallium	6.3	ug/L	1.4 **U**	----	1.4 **U**	----	----	----	7.5 **U**	7.5 **U**	7.5 **U**
Vanadium	NA	ug/L	0.9 **I**	----	0.73 **U**	----	----	----	5 **U**	5 **U**	5 **U**
Zinc	See below[8]	ug/L	8.8 **I**	----	630	----	----	----	10 **U**	10 **U**	10 **U**
(calculated zinc MCL)			117	----	132	----	----	----	188	130	74
Chemical Oxygen Demand	NA	mg/L	64	----	77 **V**	----	----	----	72	120	170
Total Disolved Solids	NA	mg/L	160	----	130	----	----	----	270	190	130
Solids, Suspended	NA	mg/L	4.2 **I**	----	90	----	----	----	3.4 **I**	5.5	8
Nitrogen, Nitrate	NA	mg/L	0.0091 **U**	----	0.0091 **U**	----	----	----	0.01 **U**	0.01 **U**	0.012 **U**
Total Nitrogen	NA	mg/L	0.019 **I**	----	0.12 **V**	----	----	----	1.2	2.1	0.86
Nitrogen, Kjeldahl, Total	NA	mg/L	1.7	----	0.88	----	----	----	----	----	----
Nitrogen, Ammonia (Unionized)	0.02	mg/L	0.014 **U**	----	0.014 **U**	----	----	----	0.02 **U**	0.02 **U**	0.02 **U**
Nitrogen, as Ammonia	NA	mg/L	----	----	0.034 **I**	----	----	----		0.059	0.02 **I**
Phosphorus, Total (as P)	NA	mg/L	0.03 **I**	----	0.01 **I**	----	----	----	0.05 **U**	0.14	0.05 **U**
Total Hardness as CaCO3	>20	mg/L	----	----	----	----	----	----	170	110	57

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-3 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	----	----	----	11/6/2007	4/25/2008	11/7/2008
Organic Parameters:											
Acetone	1,700	ug/L	3.7 **U**	----	3.7 **U**	----	----	----	2.5 **U**	6.2 **I**	5 **U**
Benzene	71.28 [9]	ug/L	0.23 **U**	----	0.23 **U**	----	----	----	0.3 **I**	0.16 **U**	0.5 **U**
Biochemical Oxygen Demand	NA	mg/L	2 **U**	----	2.2	----	----	----	2 **U**	8.8	2 **U**
Chlorophyll a	NA	mg/m^3	1.1	----	60	----	----	----	1.4	86	93
Ethylbenzene	610	ug/L	0.2 **U**	----	0.2 **U**	----	----	----	0.47 **U**	0.47 **U**	0.5 **U**
Fecal Coliform	800	cfu/100mL	----	----	----	----	----	----	10	70	10 **U**
Iodomethane	NA	ug/L	0.52 **U**	----	0.52 **U**	----	----	----	0.8 **U**	0.8 **U**	0.5 **I**
Methylene chloride	1,580 [10]	ug/L	2 **U**	----	2 **U**	----	----	----	0.33 **U**	0.33 **U**	2.5 **U**
Organic Carbon, Total	NA	mg/L	20	----	20	----	----	----	24	27	22
Toluene	480	ug/L	0.35 **U**	----	0.35 **U**	----	----	----	0.38 **I**	0.15 **U**	0.5 **U**
Xylenes, Total	370	ug/L	0.32 **U**	----	0.32 **U**	----	----	----	1.3	0.32 **U**	1 **U**

Notes:

[1] Parameter MCL is caluculated by the following formula: not greater than or equal to 29 above background (SW-1 = background).

[2] Parameter MCL is calculated by the following formula≤0.13 annual average.

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

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

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

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

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

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

If hardness values were not determined for a particular date, the average hardness values of the remaining samples were used in the calculation.

[9] Parameter MCL is calculated by the following formula≤71.28 annual average.

[10] Parameter MCL is calculated by the following formula≤1,580 annual average.

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Sample result above the MCL.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-4 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	4/26/2006	----	----	11/6/2007	4/25/2008	11/7/2008
Field Parameters:											
Conductivity	1275	umhos/cm	371	399	315	415	----	----	400	481	407
pH	6.5-8.5	S.U.	9.5	8.25	7.12	7.38	----	----	7.44	7.26	6.55
Temperature, Water	NA	deg C	27.76	27.32	17.75	28.75	----	----	20.02	24.19	27.45
Turbidity	See below[1]	NTU	2	3.6	6.79	2.56	----	----	0.48	6.62	40.7
(calculated turbidity MCL)			32.3	36.8	31.31	30.87	----	----	30.54	31.65	29
Dissolved Oxygen	>5	mg/L	8.63	5.84	7.06	6.32	----	----	5.46	5.59	2.71
Groundwater Elevation	NA	feet, NGVD	----	----	----	----	----	----	28.34	26.64	26.74
Inorganic Parameters:											
Antimony	4,300	ug/L	3 **U**	----	3 **U**	2 **U**	----	----	7.5 **U**	7.5 **U**	7.5 **U**
Arsenic	50	ug/L	4.7 **I**	----	2.8 **U**	2.8 **U**	----	----	5 **U**	5 **U**	12
Barium	NA	ug/L	24	----	14	27	----	----	24	51	68
Beryllium	0.13 [2]	ug/L	0.039 **U**	----	0.039 **U**	0.039 **U**	----	----	0.05 **U**	0.05 **U**	0.097 **I**
Cadmium	See below[3]	ug/L	0.026 **U**	----	0.026 **U**	0.026 **U**	----	----	0.05 **U**	0.05 **U**	0.14
(calculated cadmium MCL)			1.82	----	1.82	1.72	----	----	1.56	2.11	1.88
Chromium	See below[4]	ug/L	0.6 **U**	----	5.2	0.65 **U**	----	----	2.5 **U**	2.5 **U**	4.1 **I**
(calculated turbidity MCL)			338	----	141	133	----	----	120	164	146
Copper	See below[5]	ug/L	0.37 **U**	----	4.5	0.37 **U**	----	----	0.56 **U**	3.2	19
(calculated copper MCL)			19.7	----	15.6	14.7	----	----	13.2	18.3	16.1
Cobalt	NA	ug/L	1.6 **U**	----	2.4 **I**	1 **U**	----	----	5 **U**	5 **U**	5 **U**
Iron	1,000	ug/L	16 **I**	----	6400 **V**	190	----	----	160	1800	18000
Lead	See below[6]	ug/L	0.038 **U**	----	0.17 **I**	0.76 **I**	----	----	0.5 **U**	1.2	5.9
(calculated lead MCL)			6.8	----	6.8	6.3	----	----	5.3	8.7	7.2
Mercury	0.012	ug/L	0.026 **IV**	----	0.033 **I**	0.012 **U**	----	----	0.05 **U**	0.02 **U**	0.02 **U**
Nickel	See below[7]	ug/L	2.2 **I**	----	370 **V**	1.5 **I**	----	----	2.5 **U**	2.5 **U**	3.4 **I**
(calculated nickel MCL)			262	----	87	82	----	----	74	102	90
Selenium	5	ug/L	3.1 **U**	----	3.1 **U**	4.2 **U**	----	----	7.5 **U**	7.5 **U**	7.5 **U**
Silver	0.07	ug/L	0.018 **U**	----	0.018 **U**	0.018 **U**	----	----	0.05 **U**	0.05 **U**	0.094 **I**
Sodium	NA	mg/L	19	----	16	21	----	----	22	27	24
Thallium	6.3	ug/L	1.4 **U**	----	1.4 **U**	4.8 **U**	----	----	7.5 **U**	7.5 **U**	7.5 **U**
Vanadium	NA	ug/L	10	----	4.4 **I**	2.2 **I**	----	----	5 **U**	5 **U**	19
Zinc	See below[8]	ug/L	3.5 **U**	----	600	3.2 **U**	----	----	10 **U**	120	58
(calculated zinc MCL)			176	----	199	188	----	----	169	234	206
Chemical Oxygen Demand	NA	mg/L	36	----	51 **V**	52 **V**	----	----	52	60	760
Total Disolved Solids	NA	mg/L	220	----	200	250	----	----	240	280	260
Solids, Suspended	NA	mg/L	4.8 **I**	----	4.4 **I**	6	----	----	2.6 **I**	16	420
Nitrogen, Nitrate	NA	mg/L	0.0091 **U**	----	0.0091 **U**	0.0091 **U**	----	----	0.044 **I**	0.01 **U**	0.033 **I**
Total Nitrogen	NA	mg/L	0.005 **U**	----	0.022 **IV**	1.3	----	----	1.1	1.1	20
Nitrogen, Kjeldahl, Total	NA	mg/L	1.4	----	0.93	----	----	----	----	----	----
Nitrogen, Ammonia (Unionized)	0.02	mg/L	0.019 **I**	----	0.014 **U**	0.014 **U**	----	----	0.02 **U**	0.02 **U**	0.02 **U**
Nitrogen, as Ammonia	NA	mg/L	----	----	0.019 **I**	----	----	----	----	0.027 **I**	0.29
Phosphorus, Total (as P)	NA	mg/L	0.02 **I**	----	0.02 **I**	0.06 **VI**	----	----	0.05 **I**	0.07 **I**	3.8
Total Hardness as CaCO3	>20	mg/L	----	----	----	170	----	----	150	220	190

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-4 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	4/26/2006	----	----	11/6/2007	4/25/2008	11/7/2008
Organic Parameters:											
Acetone	1,700	ug/L	3.7 **U**	----	3.7 **U**	2.5 **U**	----	----	2.5 **U**	2.9 **I**	5 **U**
Benzene	71.28 [9]	ug/L	0.23 **U**	----	0.23 **U**	0.16 **U**	----	----	0.16 **U**	0.16 **U**	0.5 **U**
Biochemical Oxygen Demand	NA	mg/L	3.9	----	2 **U**	2.5	----	----	2 **U**	4	20.3 **L**
Chlorophyll a	NA	mg/m³	5.7	----	16	8.9	----	----	3	35	1.5
Ethylbenzene	610	ug/L	0.2 **U**	----	0.2 **U**	0.47 **U**	----	----	0.47 **U**	0.47 **U**	0.5 **U**
Fecal Coliform	800	cfu/100mL	----	----	----	100 **U**	----	----	260	540	740
Iodomethane	NA	ug/L	0.52 **U**	----	0.52 **U**	0.8 **U**	----	----	0.8 **U**	0.8 **U**	0.5 **U**
Methylene chloride	1,580 [10]	ug/L	2 **U**	----	2 **U**	0.33 **U**	----	----	0.33 **U**	0.33 **U**	2.5 **U**
Organic Carbon, Total	NA	mg/L	12	----	12	15 **V**	----	----	14	15	45
Toluene	480	ug/L	0.35 **U**	----	0.35 **U**	0.15 **U**	----	----	0.15 **U**	0.15 **U**	0.5 **U**
Xylenes, Total	370	ug/L	0.32 **U**	----	0.32 **U**	0.32 **U**	----	----	0.32 **U**	0.32 **U**	1 **U**

Notes:

[1] Parameter MCL is caluculated by the following formula: not greater than or equal to 29 above background (SW-1 = background).

[2] Parameter MCL is calculated by the following formula: ≤0.13 annual average.

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

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

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

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

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

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

If hardness values were not determined for a particular date, the average hardness values of the remaining samples were used in the calculation.

[9] Parameter MCL is calculated by the following formula: ≤71.28 annual average.

[10] Parameter MCL is calculated by the following formula: ≤1,580 annual average.

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Sample result above the MCL.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

NS = Not Sampled

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-5 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Field Parameters:											
Conductivity	1275	umhos/cm	556	656	290	678	470	368	732	358	757
pH	6.5-8.5	S.U.	9.3	7.3	7.22	7.6	7.76	9.36	7.65	8.72	6.68
Temperature, Water	NA	deg C	26.82	26.43	19.39	28.43	21.95	20.8	20.47	26.08	23.06
Turbidity	See below[1]	NTU	3.6	11	10.52	6.68	8.11	3.49	4.2	3.16	3.76
(calculated turbidity MCL)			32.3	36.8	31.31	30.87	30.38	29.72	30.54	31.65	29
Dissolved Oxygen	>5	mg/L	7.4	5.15	8.88	5.71	7.29	6	4.36	5.35	5.37
Groundwater Elevation	NA	feet, NGVD	----	----	----	----	----	----	25.81	26.51	25.11
Inorganic Parameters:											
Antimony	4,300	ug/L	3 **U**	----	3 **U**	2 **U**	2 **U**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Arsenic	50	ug/L	3.8 **I**	----	3.5 **I**	2.8 **U**	3.5 **I**	5 **U**	5 **U**	5 **U**	5 **U**
Barium	NA	ug/L	38	----	19	42	62	11	59	22	58
Beryllium	0.13 [2]	ug/L	0.039 **U**	----	0.039 **U**	0.039 **U**	0.039 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Cadmium	See below[3]	ug/L	0.026 **U**	----	0.026 **U**	0.026 **U**	0.026 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
(calculated cadmium MCL)			1.85	----	1.85	2.26	1.31	0.72	2.69	1.31	2.55
Chromium	See below[4]	ug/L	0.73 **I**	----	5.5	0.65 **U**	0.026 **U**	0.05 **U**	2.5 **U**	2.5 **U**	2.5 **U**
(calculated turbidity MCL)			344	----	143	177	100	54	212	100	200
Copper	See below[5]	ug/L	0.74 **I**	----	5.2	0.37 **U**	0.026 **U**	0.05 **U**	0.56 **U**	0.56 **U**	0.78 **IV**
(calculated copper MCL)			20.1	----	15.9	19.7	10.9	5.7	23.9	10.9	22.5
Cobalt	NA	ug/L	1.6 **U**	----	2.5 **I**	1 **U**	0.026 **U**	0.05 **U**	5 **U**	5 **U**	5 **U**
Iron	1,000	ug/L	950	----	6200 **V**	550	0.026 **U**	0.05 **U**	930	440	680
Lead	See below[6]	ug/L	0.069 **I**	----	0.33 **I**	0.093 **I**	0.026 **U**	0.05 **U**	0.5 **U**	0.5 **U**	0.5 **U**
(calculated lead MCL)			7.0	----	7.0	9.7	4.0	1.5	12.9	4.0	11.8
Mercury	0.012	ug/L	0.012 **U**	----	0.017 **I**	0.012 **U**	0.026 **U**	0.05 **U**	0.05 **U**	0.02 **U**	0.02 **U**
Nickel	See below[7]	ug/L	3.6 **I**	----	360 **V**	4.5 **I**	0.026 **U**	0.05 **U**	2.5 **U**	2.5 **U**	3.6 **I**
(calculated nickel MCL)			267	----	88	109	61	32	132	61	125
Selenium	5	ug/L	3.1 **U**	----	3.1 **U**	4.2 **U**	0.026 **U**	0.05 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Silver	0.07	ug/L	0.018 **U**	----	0.018 **U**	0.018 **U**	0.026 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Sodium	NA	mg/L	38	----	13	47	0.026 **U**	0.05 **U**	37	35	51
Thallium	6.3	ug/L	1.4 **U**	----	1.6 **I**	4.8 **U**	0.026 **U**	0.05 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Vanadium	NA	ug/L	9.2 **I**	----	26	5.8 **I**	0.026 **U**	0.05 **U**	5 **U**	5 **U**	5 **U**
Zinc	See below[8]	ug/L	3.8 **I**	----	600	3.9 **I**	0.026 **U**	0.05 **U**	10 **U**	10 **U**	10 **U**
(calculated zinc MCL)			179	----	203	252	140	73	304	140	287
Chemical Oxygen Demand	NA	mg/L	64	----	44 **V**	95 **V**	73	39	73	56	84
Total Disolved Solids	NA	mg/L	350	----	190	380	350	200	450	210	490
Solids, Suspended	NA	mg/L	6.2	----	3.4 **I**	9	7.6	2.3 **U**	2.3 **U**	25	5 **U**
Nitrogen, Nitrate	NA	mg/L	0.43	----	0.51	0.41	0.052	0.0091 **U**	0.46	0.01 **U**	1.6
Total Nitrogen	NA	mg/L	0.47	----	0.52 **V**	1.9	1.8	1.1	4	1	4.4
Nitrogen, Kjeldahl, Total	NA	mg/L	1.9	----	1.4	----	----	----	----	----	----
Nitrogen, Ammonia (Unionized)	0.02	mg/L	0.099	----	0.014 **U**	0.014 **U**	0.014 **U**	0.024 **I**	0.026 **I**	0.02 **U**	0.02 **U**
Nitrogen, as Ammonia	NA	mg/L	----	----	0.28	----	----	----	----	0.028 **I**	0.88
Phosphorus, Total (as P)	NA	mg/L	0.05 **I**	----	0.09 **I**	0.055 **VI**	0.05 **I**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Total Hardness as CaCO3	>20	mg/L	----	----	----	240	120	56	300	120	280

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-5 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION								
			Spring 2005		Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			5/13/2005	6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Organic Parameters:											
Acetone	1,700	ug/L	3.7 **U**	----	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.8 **I**	5 **U**
Benzene	71.28 [9]	ug/L	0.23 **U**	----	0.23 **U**	0.16 **U**	0.16 **U**	0.26 **I**	0.16 **U**	0.16 **U**	0.5 **U**
Biochemical Oxygen Demand	NA	mg/L	3.2	----	2 **U**	2 **I**	3 **U**	2 **U**	2	3.4	2.4
Chlorophyll a	NA	mg/m^3	11	----	9.3	16	10	2.6	5.1	3.8	5.6
Ethylbenzene	610	ug/L	0.2 **U**	----	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Fecal Coliform	800	cfu/100mL	----	----	----	100 **I**	40	4	20 **U**	240	20
Iodomethane	NA	ug/L	0.52 **U**	----	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene chloride	1,580 [10]	ug/L	2 **U**	----	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Organic Carbon, Total	NA	mg/L	20	----	11	19 **V**	21	15	23	18	24
Toluene	480	ug/L	0.35 **U**	----	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Xylenes, Total	370	ug/L	0.32 **U**	----	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

[1] Parameter MCL is caluculated by the following formula: not greater than or equal to 29 above background (SW-1 = background).

[2] Parameter MCL is calculated by the following formula≤0.13 annual average.

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

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

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

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

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

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

If hardness values were not determined for a particular date, the average hardness values of the remaining samples were used in the calculation.

[9] Parameter MCL is calculated by the following formula≤71.28 annual average.

[10] Parameter MCL is calculated by the following formula≤1,580 annual average.

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Sample result above the MCL.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-11 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Field Parameters:										
Conductivity	1275	umhos/cm	486	193	803	680	737	366	587	540
pH	6.5-8.5	S.U.	8.03	6.84	7.72	7.82	8.16	7.34	7.39	6.67
Temperature, Water	NA	deg C	26.14	19.3	27.63	21.57	25.57	20.52	24.15	23.69
Turbidity	See below[1]	NTU	75	109	25.9	14.9	34.4	38.6	9.78	3.71
(calculated turbidity MCL)			32.3	36.8	31.31	30.87	30.38	29.72	30.54	31.65
Dissolved Oxygen	>5	mg/L	6.28	8.12	5.33	6.62	7.49	5.19	6.68	7.02
Groundwater Elevation	NA	feet, NGVD	----	----	----	----	----	20.5	17.21	22.7
Inorganic Parameters:										
Antimony	4,300	ug/L	3 **U**	3 **U**	3.2 **I**	2.6 **VI**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Arsenic	50	ug/L	2.8 **I**	2.8 **U**	2.8 **U**	2.8 **U**	5 **U**	5 **U**	5 **U**	5 **U**
Barium	NA	ug/L	28	9.2 **I**	13	36	31	20	38	26
Beryllium	0.13 [2]	ug/L	0.18	0.047 **I**	0.039 **U**	0.039 **U**	0.052 **I**	0.05 **U**	0.05 **U**	0.05 **U**
Cadmium	See below[3]	ug/L	0.076 **I**	0.026 **U**	0.026 **U**	0.026 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
(calculated cadmium MCL)			2.17	2.17	2.69	2.47	2.62	1.64	1.72	1.80
Chromium	See below[4]	ug/L	6.3	9	2.5 **I**	1.9 **I**	0.05 **U**	0.05 **U**	2.5 **U**	2.5 **U**
(calculated turbidity MCL)			407	407	212	194	206	127	133	139
Copper	See below[5]	ug/L	0.91 **I**	6.1	0.84 **I**	0.46 **I**	0.05 **U**	0.05 **U**	1.2	0.68 **IV**
(calculated copper MCL)			23.9	23.9	23.9	21.8	23.2	13.9	14.7	15.4
Cobalt	NA	ug/L	1.6 **U**	1.7 **I**	1 **U**	1 **U**	0.05 **U**	0.05 **U**	5 **U**	5 **U**
Iron	1,000	ug/L	1900	6500 **V**	1100	580 **V**	0.05 **U**	0.05 **U**	550	180
Lead	See below[6]	ug/L	2.9	2.1	0.58 **I**	0.33 **I**	0.05 **U**	0.05 **U**	0.5 **U**	0.5 **U**
(calculated lead MCL)			9.1	9.1	12.9	11.3	12.3	5.8	6.3	6.7
Mercury	0.012	ug/L	0.012 **U**	0.081 **I**	0.012 **U**	0.012 **U**	0.05 **U**	0.05 **U**	0.02 **U**	0.02 **U**
Nickel	See below[7]	ug/L	1.4 **I**	360 **V**	4.1 **I**	2 **I**	0.05 **U**	0.05 **U**	2.8 **I**	4.8 **I**
(calculated nickel MCL)			317	317	132	121	128	78	82	86
Selenium	5	ug/L	3.6 **I**	3.1 **U**	4.2 **U**	4.2 **U**	0.05 **U**	0.05 **U**	7.5 **U**	7.5 **U**
Silver	0.07	ug/L	0.023 **IV**	0.018 **U**	0.018 **U**	0.018 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Sodium	NA	mg/L	31	10	64	42	0.05 **U**	0.05 **U**	50	37
Thallium	6.3	ug/L	1.4 **U**	1.4 **U**	4.8 **U**	4.8 **U**	0.05 **U**	0.05 **U**	7.5 **U**	7.5 **U**
Vanadium	NA	ug/L	13	4.8 **I**	3.8 **I**	2.9 **I**	0.05 **U**	0.05 **U**	5 **U**	5 **U**
Zinc	See below[8]	ug/L	4.7 **I**	640	3.8 **I**	8 **I**	0.05 **U**	0.05 **U**	10 **U**	10 **U**
(calculated zinc MCL)			213	213	304	278	295	178	188	197
Chemical Oxygen Demand	NA	mg/L	68	91 **V**	120 **V**	97	91	72	65	76
Total Disolved Solids	NA	mg/L	340	170	530	460	460	240	340	350
Solids, Suspended	NA	mg/L	34	3.8 **I**	15	13	19	7.4	10	6.5
Nitrogen, Nitrate	NA	mg/L	0.18	0.067	0.0091 **U**	0.0091 **U**	0.0091 **U**	0.39	0.028 **I**	0.47
Total Nitrogen	NA	mg/L	0.23	0.093 **V**	1.9	1.2	1.6	1.9	1.3	3.1
Nitrogen, Kjeldahl, Total	NA	mg/L	1.9	1.1	----	----	----	----	----	----
Nitrogen, Ammonia (Unionized)	0.02	mg/L	0.02 **I**	0.014 **U**	0.014 **U**	0.014 **U**	0.014 **U**	0.02 **U**	0.02 **U**	0.02 **U**
Nitrogen, as Ammonia	NA	mg/L	----	0.18	----	----	----	----	0.062	0.36
Phosphorus, Total (as P)	NA	mg/L	0.15	0.23	0.079 **VI**	0.05 **U**	0.07 **I**	0.09 **I**	0.05 **U**	0.05 **I**
Total Hardness as CaCO3	>20	mg/L	----	----	300	270	290	160	170	180

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-11 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Organic Parameters:										
Acetone	1,700	ug/L	3.7 **U**	3.7 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	3.8 **I**	5 **U**
Benzene	71.28 [9]	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.16 **U**	0.5 **U**
Biochemical Oxygen Demand	NA	mg/L	9.1	2.6	3.7	3 **U**	4.4	5.5	4	3.8
Chlorophyll a	NA	mg/m^3	22	29	7.3	7.5	14	68	4.6	19
Ethylbenzene	610	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Fecal Coliform	800	cfu/100mL	400	----	100 **U**	100	50 **Z**	310	20	140
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene chloride	1,580 [10]	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Organic Carbon, Total	NA	mg/L	25	24	34 **V**	22	28	20	20	21
Toluene	480	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Xylenes, Total	370	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

[1] Parameter MCL is caluculated by the following formula: not greater than or equal to 29 above background (SW-1 = background).

[2] Parameter MCL is calculated by the following formula:≤0.13 annual average.

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

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

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

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

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

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

If hardness values were not determined for a particular date, the average hardness values of the remaining samples were used in the calculation.

[9] Parameter MCL is calculated by the following formula:≤71.28 annual average.

[10] Parameter MCL is calculated by the following formula:≤1,580 annual average.

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Sample result above the MCL.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-12 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Field Parameters:										
Conductivity	1275	umhos/cm	669	753	750	536	750	601	631	614
pH	6.5-8.5	S.U.	8.15	7.6	8.18	7.75	8.67	7.76	7.57	6.55
Temperature, Water	NA	deg C	26.62	24.2	27.93	22.8	22.93	22.06	24.15	22.78
Turbidity	See below[1]	NTU	7.1	19.8	14.4	16.4	12.3	31.1	3.69	9.29
(calculated turbidity MCL)			32.3	36.8	31.31	30.87	30.38	29.72	30.54	31.65
Dissolved Oxygen	>5	mg/L	6.4	4.83	7.2	7.5	10.35	6.9	7.58	5.48
Groundwater Elevation	NA	feet, NGVD	----	----	----	----	----	26.29	26.2	24.59
Inorganic Parameters:										
Antimony	4,300	ug/L	3 **U**	3 **U**	2 **U**	2.7 **VI**	7.5 **U**	7.5 **U**	7.5 **U**	7.5 **U**
Arsenic	50	ug/L	3.8 **I**	5.8 **I**	4.2 **I**	4.1 **I**	6.3 **I**	5 **U**	5 **U**	8.1 **I**
Barium	NA	ug/L	21	24	38	21	29	39	38	33
Beryllium	0.13 [2]	ug/L	0.039 **U**	0.039 **U**	0.039 **U**	0.039 **U**	0.05 **U**	0.06 **I**	0.05 **U**	0.05 **U**
Cadmium	See below[3]	ug/L	0.036 **I**	0.059 **I**	0.026 **U**	0.026 **U**	0.05 **U**	0.05 **U**	0.072 **U**	0.05 **U**
(calculated cadmium MCL)			1.78	1.78	2.11	1.48	1.72	1.64	1.80	1.95
Chromium	See below[4]	ug/L	0.84 **I**	7.5	1.8 **I**	1.8 **I**	0.05 **U**	0.05 **U**	2.5 **U**	2.5 **U**
(calculated turbidity MCL)			332	332	164	114	133	127	139	152
Copper	See below[5]	ug/L	0.91 **I**	6	0.8 **I**	0.37 **U**	0.05 **U**	0.05 **U**	1.8	1 **IV**
(calculated copper MCL)			19.4	19.4	18.3	12.4	14.7	13.9	15.4	16.9
Cobalt	NA	ug/L	1.6 **U**	1.6 **U**	1 **U**	1 **U**	0.05 **U**	0.05 **U**	5.2 **I**	5 **U**
Iron	1,000	ug/L	63	6200 **V**	41	44 **V**	0.05 **U**	0.05 **U**	54	150
Lead	See below[6]	ug/L	0.13 **I**	0.37 **I**	0.092 **I**	0.056 **I**	0.05 **U**	0.05 **U**	0.5 **U**	0.5 **U**
(calculated lead MCL)			6.6	6.6	8.7	4.9	6.3	5.8	6.7	7.7
Mercury	0.012	ug/L	0.012 **U**	0.032 **I**	0.012 **U**	0.012 **U**	0.05 **U**	0.05 **U**	0.02 **U**	0.02 **U**
Nickel	See below[7]	ug/L	6.1	390 **V**	10	6	0.05 **U**	0.05 **U**	5.1	6.8
(calculated nickel MCL)			257	257	102	69	82	78	86	94
Selenium	5	ug/L	3.1 **U**	3.7 **I**	4.2 **U**	4.2 **U**	0.05 **U**	0.05 **U**	7.5 **U**	7.5 **U**
Silver	0.07	ug/L	0.022 **IV**	0.018 **U**	0.018 **U**	0.018 **U**	0.05 **U**	0.05 **U**	0.05 **U**	0.05 **U**
Sodium	NA	mg/L	50	58	65	70	0.05 **U**	0.05 **U**	53	42
Thallium	6.3	ug/L	1.4 **U**	1.4 **U**	4.8 **U**	4.8 **U**	0.05 **U**	0.05 **U**	7.5 **U**	7.5 **U**
Vanadium	NA	ug/L	3.4 **I**	4 **I**	4.3 **I**	3.1 **I**	0.05 **U**	0.05 **U**	5 **U**	5 **U**
Zinc	See below[8]	ug/L	3.5 **U**	660	3.2 **U**	8.1 **I**	0.05 **U**	0.05 **U**	10 **U**	10 **U**
(calculated zinc MCL)			173	173	234	159	188	178	197	216
Chemical Oxygen Demand	NA	mg/L	80	110 **V**	94 **V**	96	90	62	71	86
Total Disolved Solids	NA	mg/L	410	440	470	440	460	380	360	400
Solids, Suspended	NA	mg/L	13	13	12	14	6.8	6.9	5 **U**	7.5
Nitrogen, Nitrate	NA	mg/L	0.21	0.023 **I**	1.4	0.0091 **U**	0.12	1.7	0.39	0.11
Total Nitrogen	NA	mg/L	0.38	0.06 **V**	6.3	3.3	2.6	3.9	2.1	6.3
Nitrogen, Kjeldahl, Total	NA	mg/L	2.6	9.5	----	----	----	----	----	----
Nitrogen, Ammonia (Unionized)	0.02	mg/L	0.04 **I**	0.14	0.17	0.014 **U**	0.014 **U**	0.02 **U**	0.02 **U**	0.02 **U**
Nitrogen, as Ammonia	NA	mg/L	----	6.5	----	----	----	----	0.035 **I**	3.1
Phosphorus, Total (as P)	NA	mg/L	0.04 **I**	0.05 **I**	0.061 **VI**	0.05 **U**	0.05 **U**	0.06 **I**	0.05 **U**	0.05 **I**
Total Hardness as CaCO3	>20	mg/L	----	----	220	140	170	160	180	200

2009 Biannual, Tomoka Farms, Volusia County, Florida
Surface Water Station SW-12 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION							
			Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
			6/3/2005	10/27/2005	4/26/2006	11/3/2006	4/23/2007	11/6/2007	4/25/2008	11/7/2008
Organic Parameters:										
Acetone	1,700	ug/L	3.7 **U**	3.8 **I**	2.5 **U**	2.5 **U**	2.5 **U**	2.5 **U**	2.6 **I**	5 **U**
Benzene	71.28 [9]	ug/L	0.23 **U**	0.23 **U**	0.16 **U**	0.16 **U**	0.16 **I**	0.16 **U**	0.16 **U**	0.5 **U**
Biochemical Oxygen Demand	NA	mg/L	9.8	8.2	5.4	3.1	4.3	3.4	3.5	2.7
Chlorophyll a	NA	mg/m^3	38	77	26	36	29	4.2	6.1	12
Ethylbenzene	610	ug/L	0.2 **U**	0.2 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.47 **U**	0.5 **U**
Fecal Coliform	800	cfu/100mL	30	----	100 **U**	280	70	190	110	80
Iodomethane	NA	ug/L	0.52 **U**	0.52 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.8 **U**	0.5 **U**
Methylene chloride	1,580 [10]	ug/L	2 **U**	2 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	0.33 **U**	2.5 **U**
Organic Carbon, Total	NA	mg/L	23	29	24 **V**	24	24	20	22	25
Toluene	480	ug/L	0.35 **U**	0.35 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.15 **U**	0.5 **U**
Xylenes, Total	370	ug/L	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	0.32 **U**	1 **U**

Notes:

[1] Parameter MCL is caluculated by the following formula: not greater than or equal to 29 above background (SW-1 = background).

[2] Parameter MCL is calculated by the following formula: ≤0.13 annual average.

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

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

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

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

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

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

If hardness values were not determined for a particular date, the average hardness values of the remaining samples were used in the calculation.

[9] Parameter MCL is calculated by the following formula: ≤71.28 annual average.

[10] Parameter MCL is calculated by the following formula: ≤1,580 annual average.

MCL = Maximum Contamination Level.

NA = Not Available.

--- = Not Tested.

Sample result above the MCL.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analysed for but not detected.

V = Indicated that the analyte was detected in both the sample and the associated method blank.

2009 Biannual, Tomoka Farms, Volusia County, Florida
Leachate Water Station L-1 Data Summary

PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION			
			Spring 2005	Spring 2006	Spring 2007	Spring 2008
			5/13/2005	4/26/2006	4/23/2007	4/25/2008
Field Parameters:						
Conductivity	NA	umhos/cm	6604	6501	7903	5660
pH	NA	S.U.	9.77	8.07	8.13	8.38
Temperature, Water	NA	deg **C**	29.6	27.72	21.19	26.31
Turbidity	NA	NTU	70	45.7	42.5	71.4
Dissolved Oxygen	NA	mg/L	7.7	1.29	0.33	5.1
TDS/Conductivity Ratio	NA	None	0.67	0.74	0.70	0.80
Inorganic Parameters						
Antimony	NA	ug/L	11 **I**	24	15 **I**	12
Arsenic	5,000	ug/L	76	100	100	83
Barium	10,000	ug/L	81	93	120	110
Beryllium	NA	ug/L	0.33 **IV**	0.34 **I**	0.54 **I**	0.5 **U**
Cadmium	1,000	ug/L	0.34 **U**	0.36 **U**	0.5 **U**	0.5 **U**
Chromium	5,000	ug/L	82	110	160	140
Cobalt	NA	ug/L	26	25	27	55
Copper	NA	ug/L	3.5 **I**	6.3	8.7	13
Iron	NA	ug/L	6300	9200	12000	8700
Lead	5,000	ug/L	4 **I**	5.8 **I**	9.3 **I**	8 **I**
Mercury	200	ug/L	0.081 **I**	0.012 **U**	0.17 **I**	0.061 **I**
Nickel	NA	ug/L	130	120	170	140
Selenium	1,000	ug/L	9.9 **I**	13 **I**	9.2 **I**	14 **I**
Silver	5,000	ug/L	1.7 **I**	2.1 **I**	2.5 **U**	2.5 **U**
Sodium	NA	mg/L	1000	1100	0.5 **U**	970
Thallium	NA	ug/L	2.3 **U**	1.2 **U**	7.5 **U**	2.5 **U**
Vanadium	NA	ug/L	45	47	70	65
Zinc	NA	ug/L	23	39	61	72
Solids, Total Dissolved (TDS)	NA	mg/L	4400	4800	5500	4500
Alkalinity, Bicarbonate (As HCO3)	NA	mg/L	1700	1400	1800	130
Chloride	NA	mg/L	1100	1300	1500	1200
Cyanide	NA	mg/L	0.005 **I**	0.032 **I**	0.028	0.025 **I**
Nitrogen, Nitrate	NA	mg/L	0.46 **U**	9.3	0.46 **U**	9.6
Nitrogen, Ammonia (As N)	NA	mg/L	160	71	64	0.94 **I**
Sulfide	NA	mg/L	3.2 **U**	0.32 **U**	24 **I**	50 **U**

2009 Biannual, Tomoka Farms, Volusia County, Florida
Leachate Water Station L-1 Data Summary

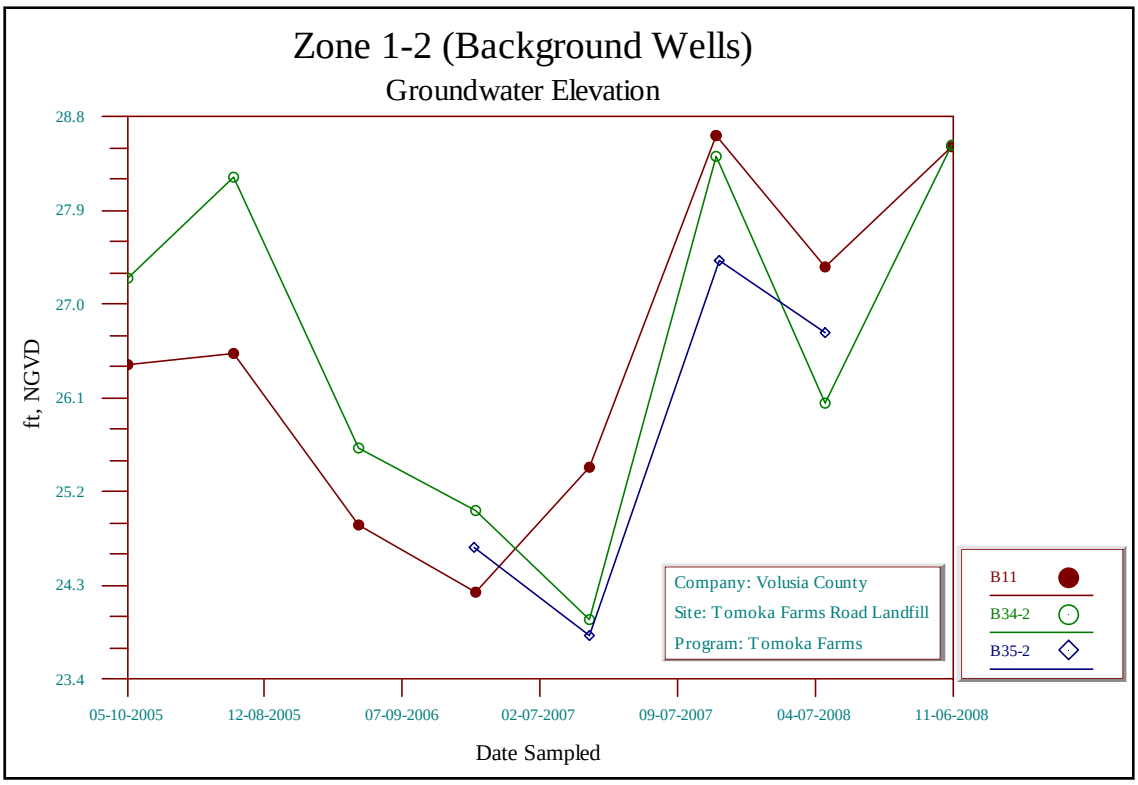
PARAMETER	MCL	UNITS	DATE OF SAMPLE COLLECTION			
			Spring 2005	Spring 2006	Spring 2007	Spring 2008
			5/13/2005	4/26/2006	4/23/2007	4/25/2008
Organic Parameters						
1,2-Dibromo-3-chloropropane	NA	ug/L	0.0055 **U**	0.006 **U**	0.0058 **U**	0.006 **U**
1,4-Dichlorobenzene	7,500	ug/L	0.77 **U**	0.74 **U**	0.54 **U**	0.73 **U**
2-Butanone	200,000	ug/L	3.7 **U**	0.65 **U**	0.65 **U**	20 **U**
2-Hexanone	NA	ug/L	0.56 **U**	0.59 **U**	0.59 **U**	20 **U**
4-Methyl-2-pentanone	NA	ug/L	0.52 **U**	0.76 **U**	0.76 **U**	20 **U**
Acetone	NA	ug/L	7.4 **U**	16	4.9 **I**	20 **U**
Benzene	500	ug/L	0.46 **U**	0.16 **U**	0.16 **U**	2 **U**
Benzyl alcohol	NA	ug/L	1 **U**	0.98 **U**	1.5 **I**	0.97 **U**
Bis(2-ethylhexyl)phthalate	NA	ug/L	0.8 **U**	7.6	1.1 **U**	0.76 **U**
Di-n-butyl phthalate	NA	ug/L	0.44 **I**	0.39 **U**	0.91 **U**	0.39 **U**
Ethylbenzene	NA	ug/L	0.4 **U**	0.47 **U**	0.47 **U**	2 **U**
Styrene	NA	ug/L	0.24 **U**	0.59 **U**	0.59 **U**	2 **U**
Toluene	NA	ug/L	0.7 **U**	0.41 **I**	0.15 **I**	2 **U**
Xylenes, Total	NA	ug/L	0.64 **U**	0.32 **U**	0.32 **U**	2 **U**

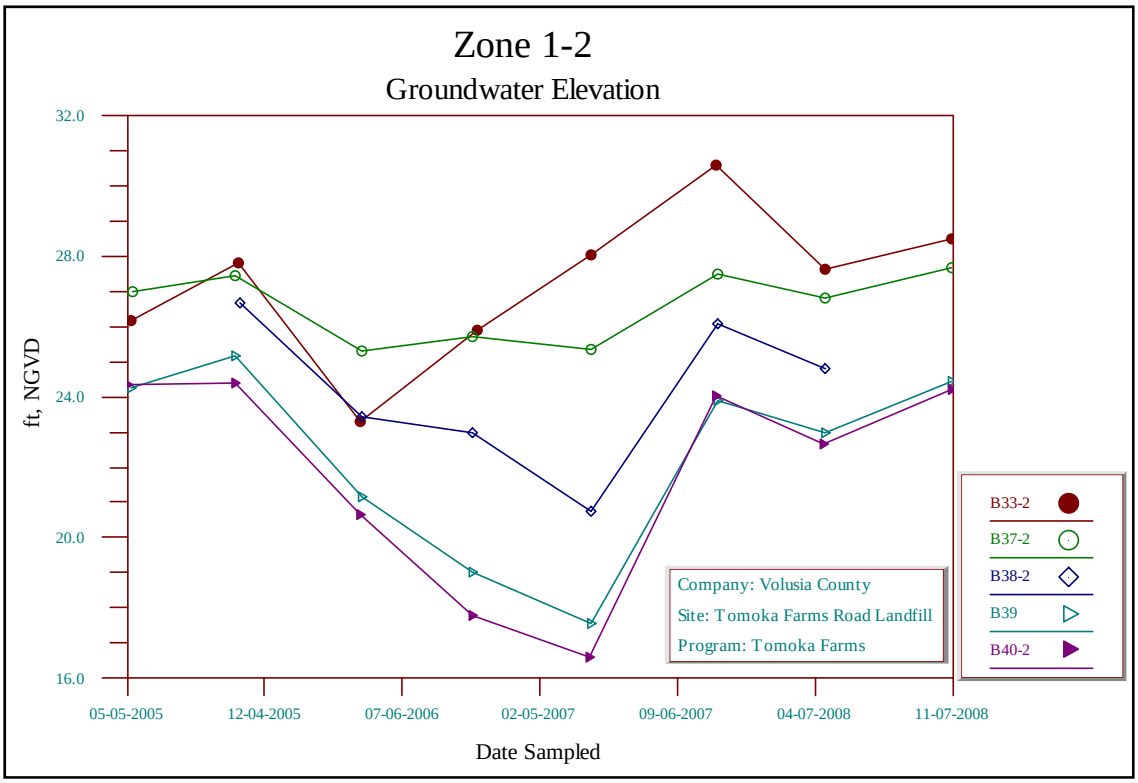
Notes:

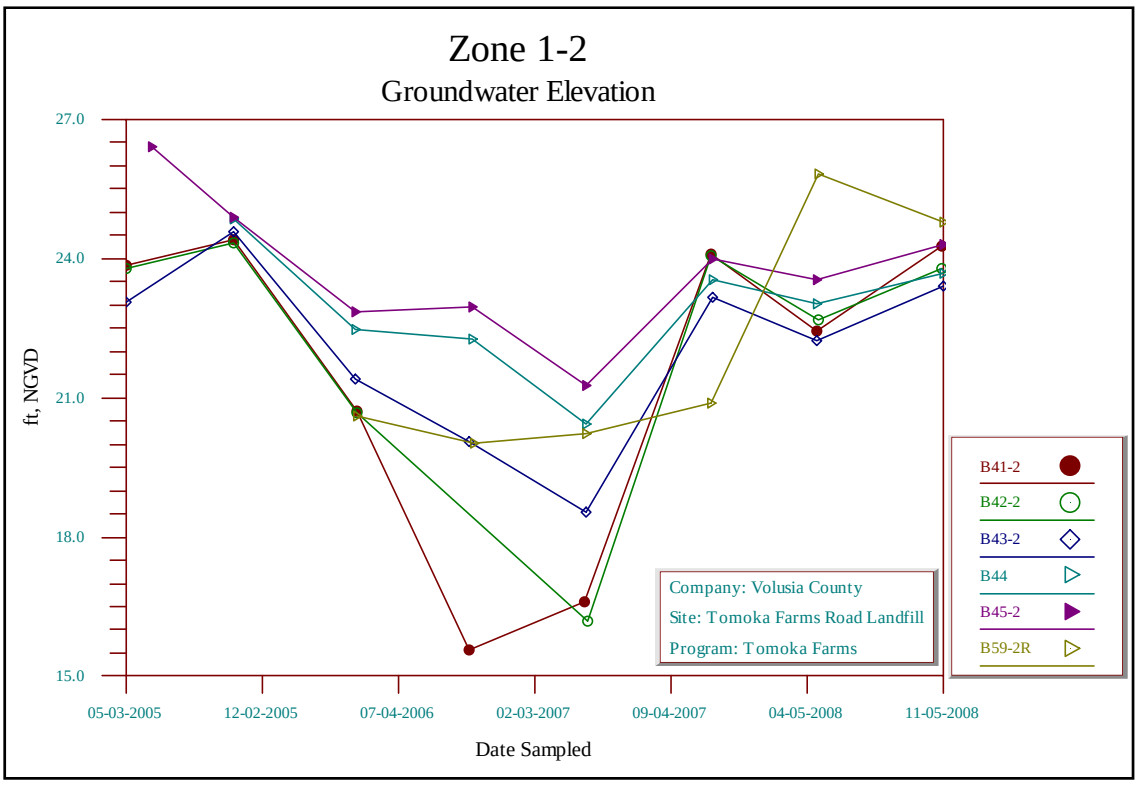
= Sample result above the MCL
MCL = Maximum Contaminat Level
NA = Not Available
NS = Not Sampled
---- = Not Tested
I = The reported value is between the laboratory method detection method and the laboratory pratical quantitation limit.
U = Indicates that the compound was analysed for but not detected.
V = Indicated that the analyte was detected in both the sample and the associated method blank.

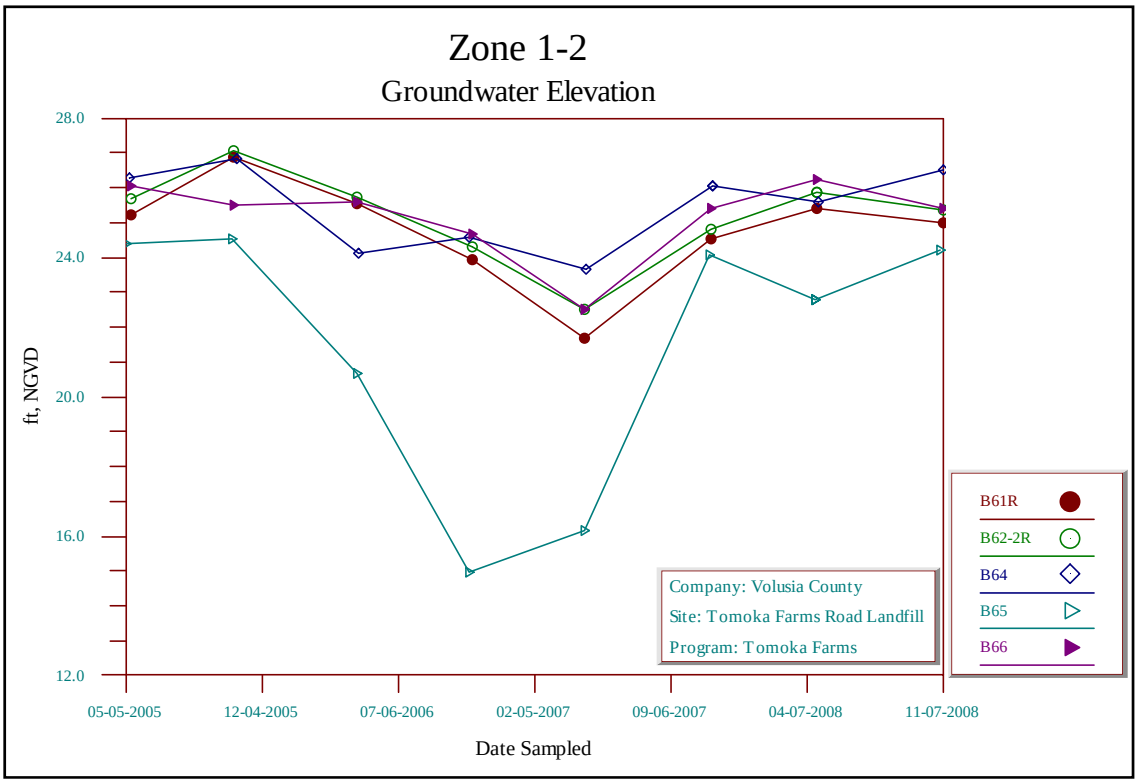
Appendix C

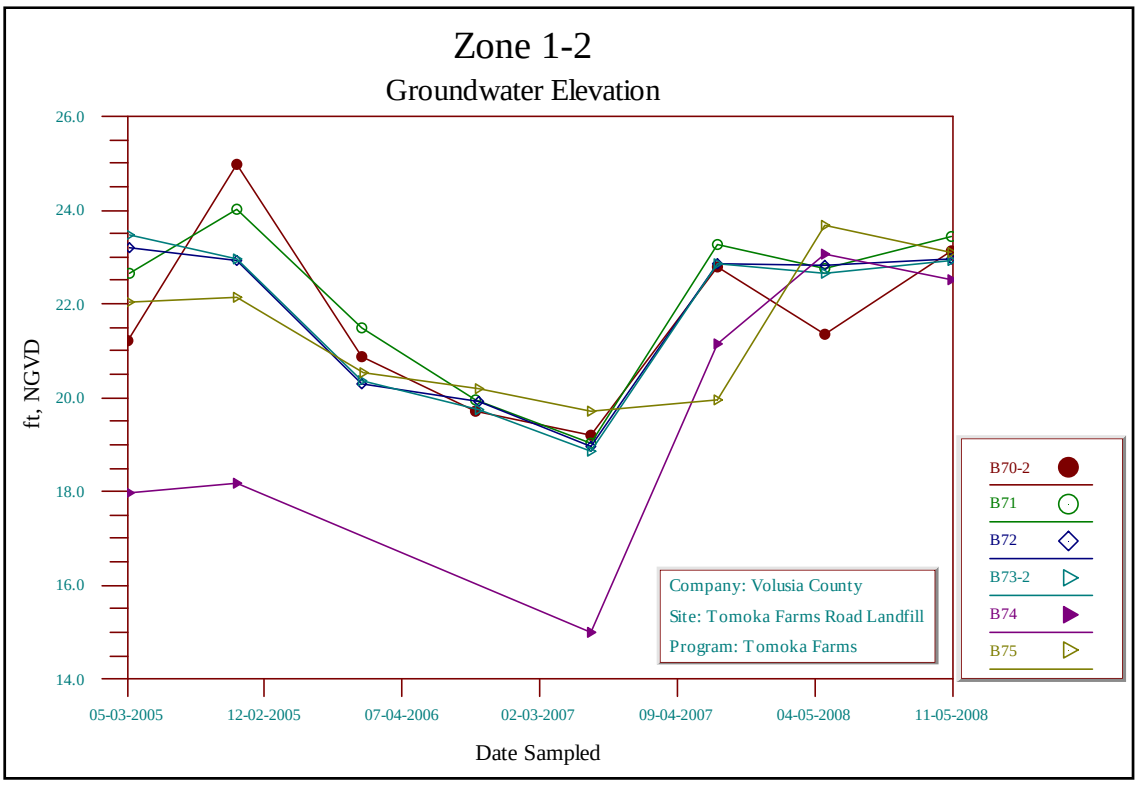
Hydrographs

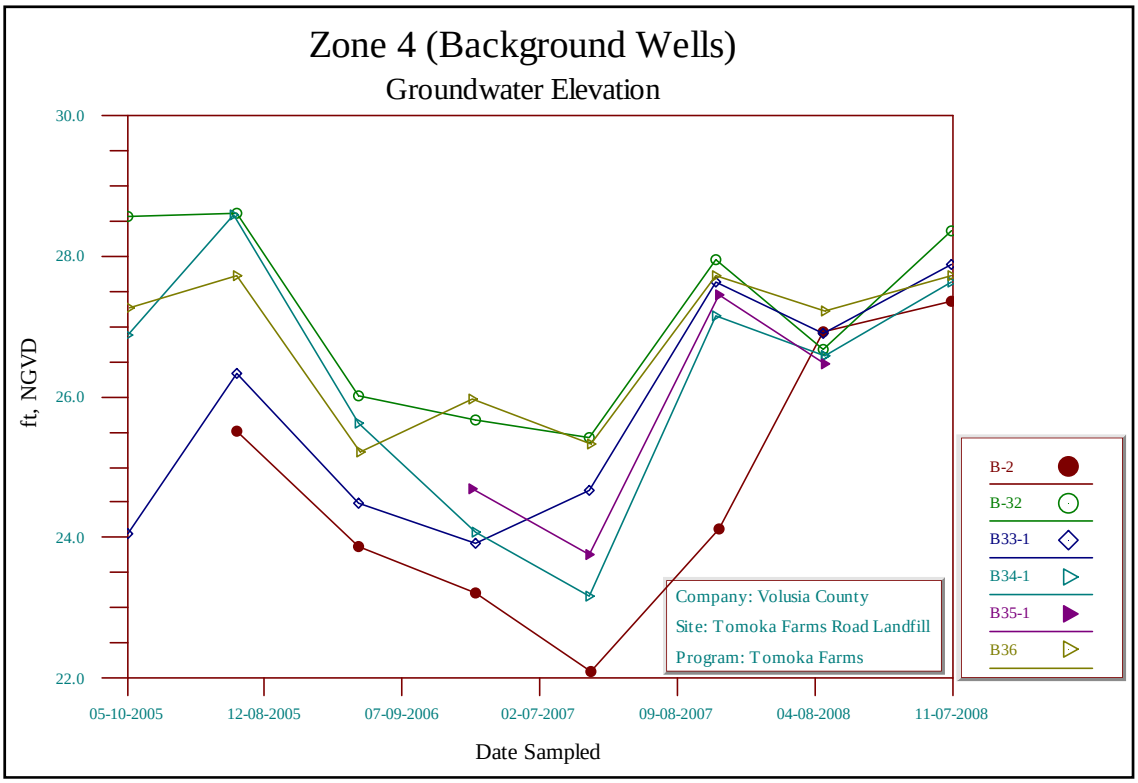

Zone 1-2 (Background Wells)
Groundwater Elevation
ft, NGVD
28.8
27.9
27.0
26.1
25.2
24.3
23.4
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B11
B34-2
B35-2

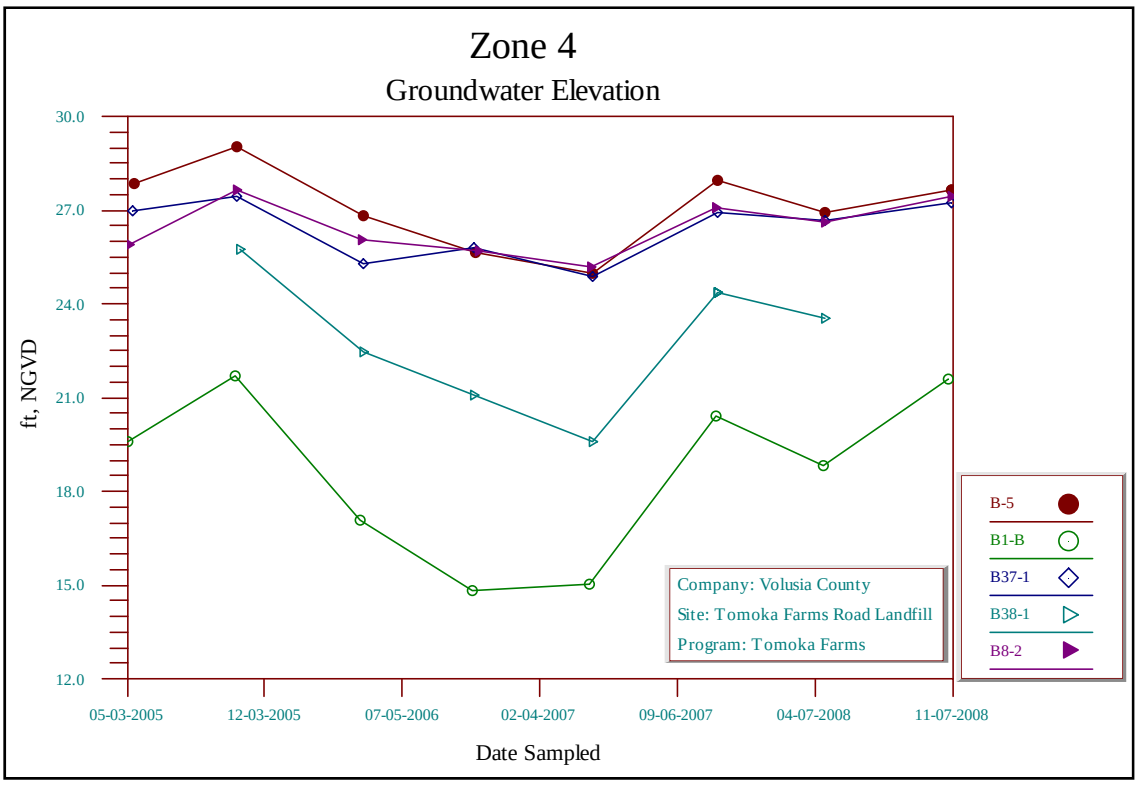

Zone 1-2
Groundwater Elevation
ft, NGVD
32.0
28.0
24.0
20.0
16.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B33-2
B37-2
B38-2
B39
B40-2

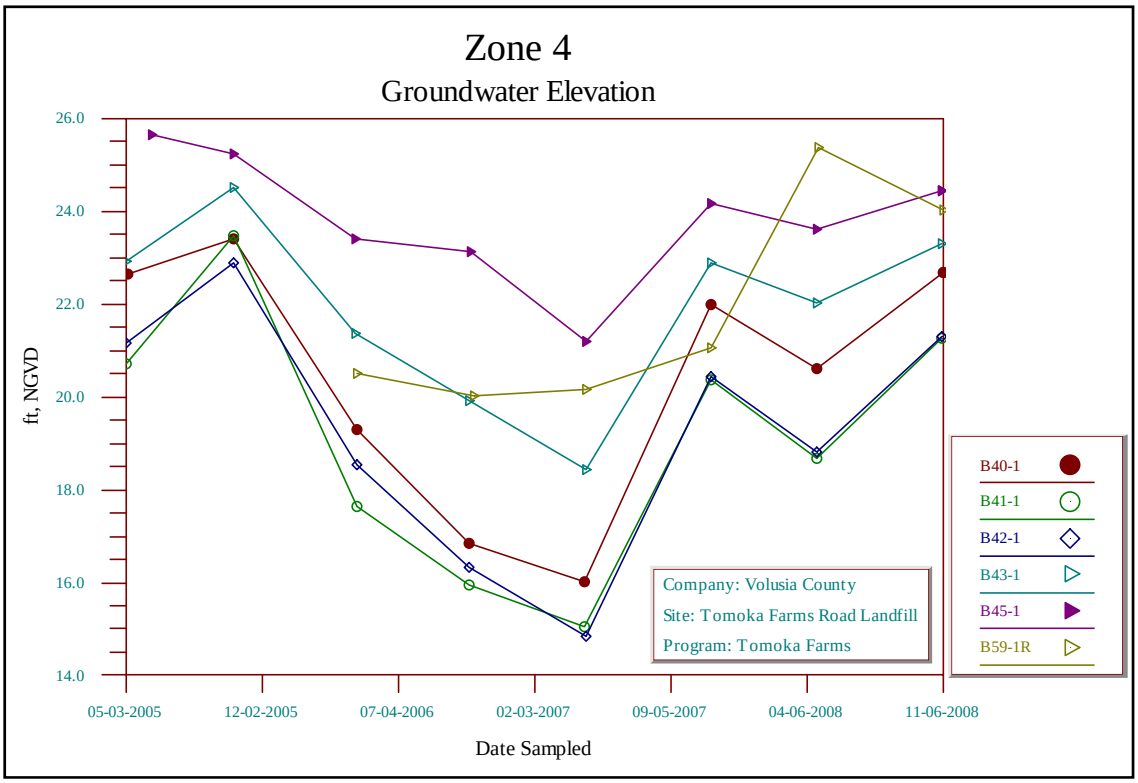

Zone 1-2
Groundwater Elevation
27.0
24.0
21.0
18.0
15.0
ft, NGVD
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

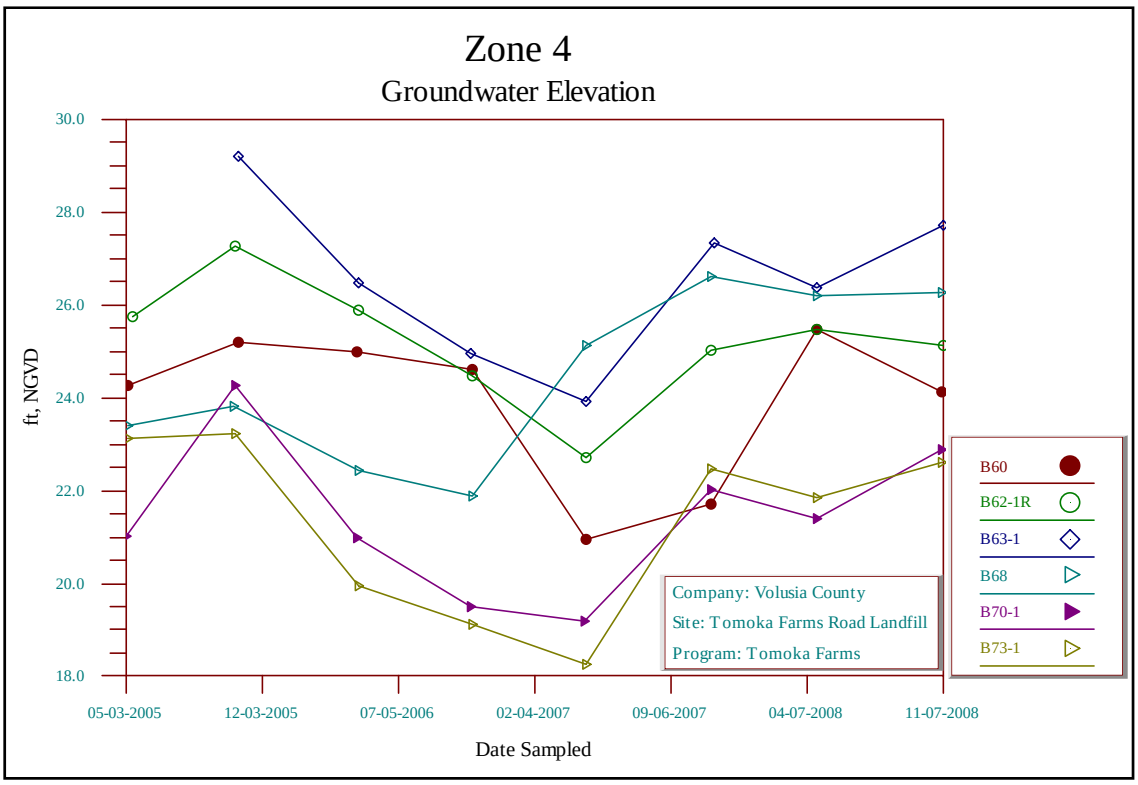

Zone 1-2
Groundwater Elevation
28.0
24.0
20.0
16.0
12.0
ft, NGVD
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B61R
B62-2R
B64
B65
B66

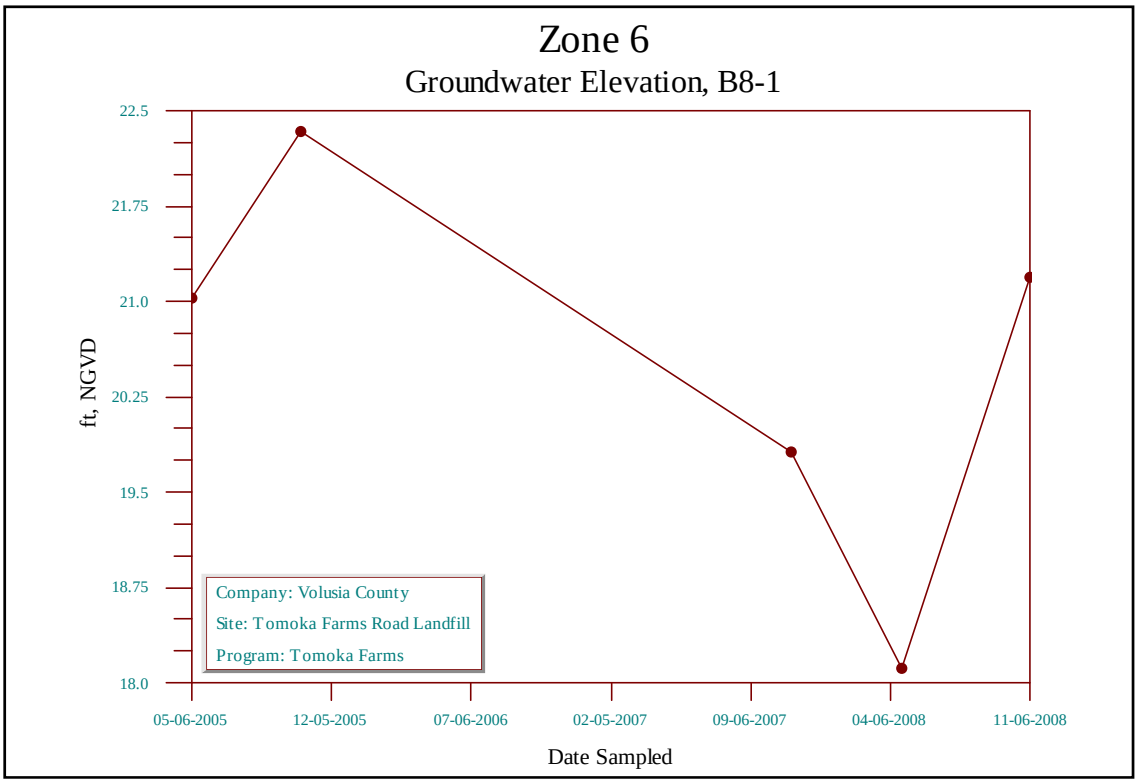

Zone 1-2
Groundwater Elevation
ft, NGVD
26.0
24.0
22.0
20.0
18.0
16.0
14.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B70-2
B71
B72
B73-2
B74
B75

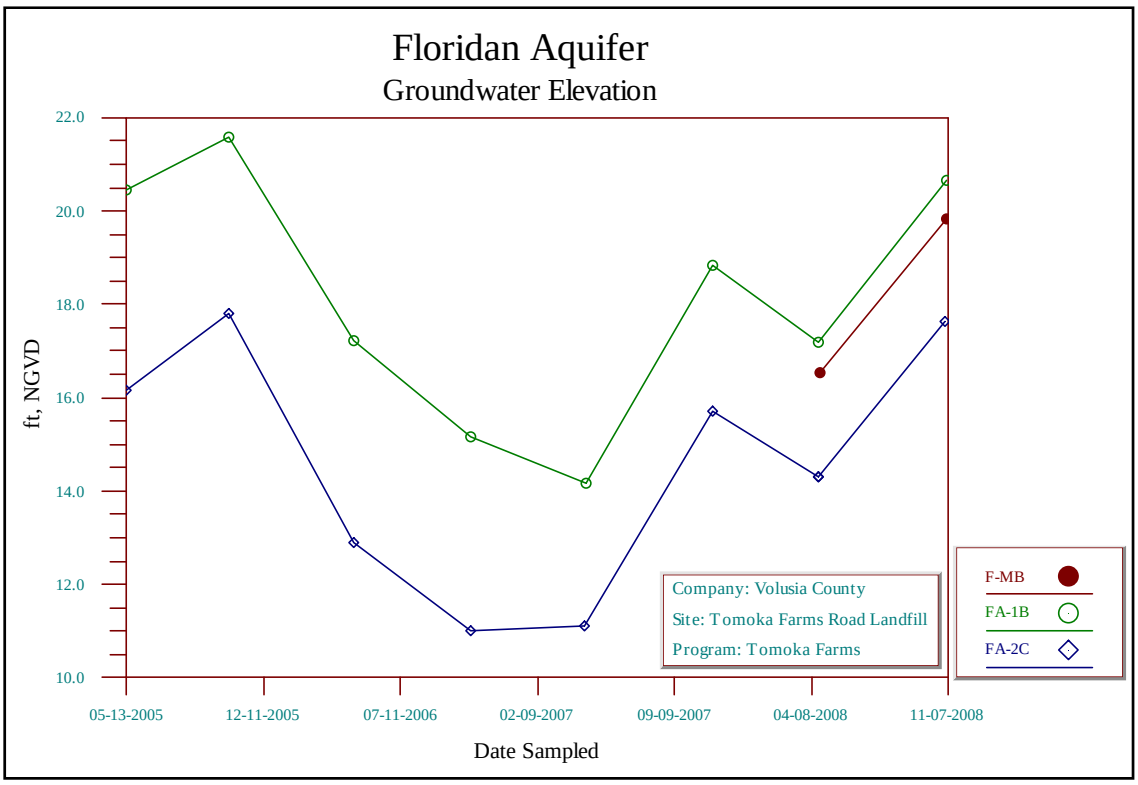

Zone 4 (Background Wells)
Groundwater Elevation
ft, NGVD
30.0
28.0
26.0
24.0
22.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B-2
B-32
B33-1
B34-1
B35-1
B36


Zone 4
Groundwater Elevation
30.0
27.0
24.0
21.0
18.0
15.0
12.0
ft, NGVD
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B-5
B1-B
B37-1
B38-1
B8-2


Zone 4
Groundwater Elevation
26.0
24.0
22.0
20.0
18.0
16.0
14.0
ft, NGVD
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R


Zone 4
Groundwater Elevation
30.0
28.0
26.0
24.0
22.0
20.0
18.0
ft, NGVD
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B60
B62-1R
B63-1
B68
B70-1
B73-1

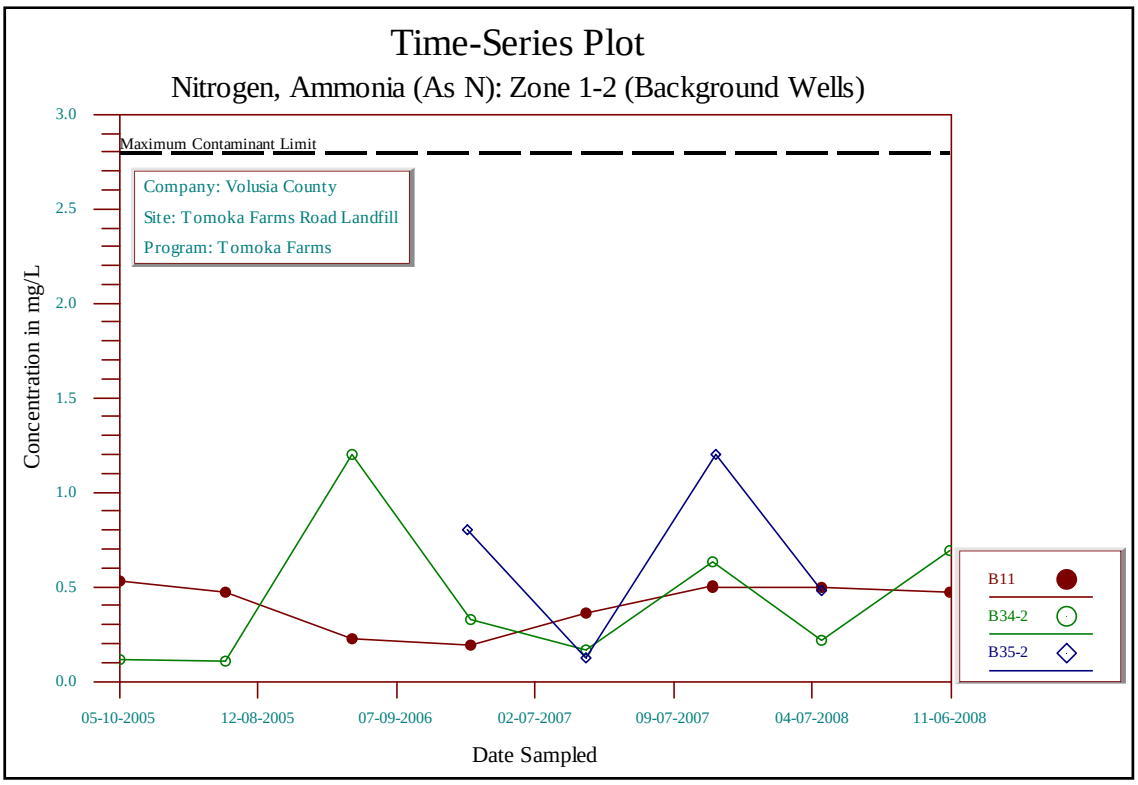

Zone 6
Groundwater Elevation, B8-1
22.5
21.75
21.0
20.25
19.5
18.75
18.0
ft, NGVD
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms

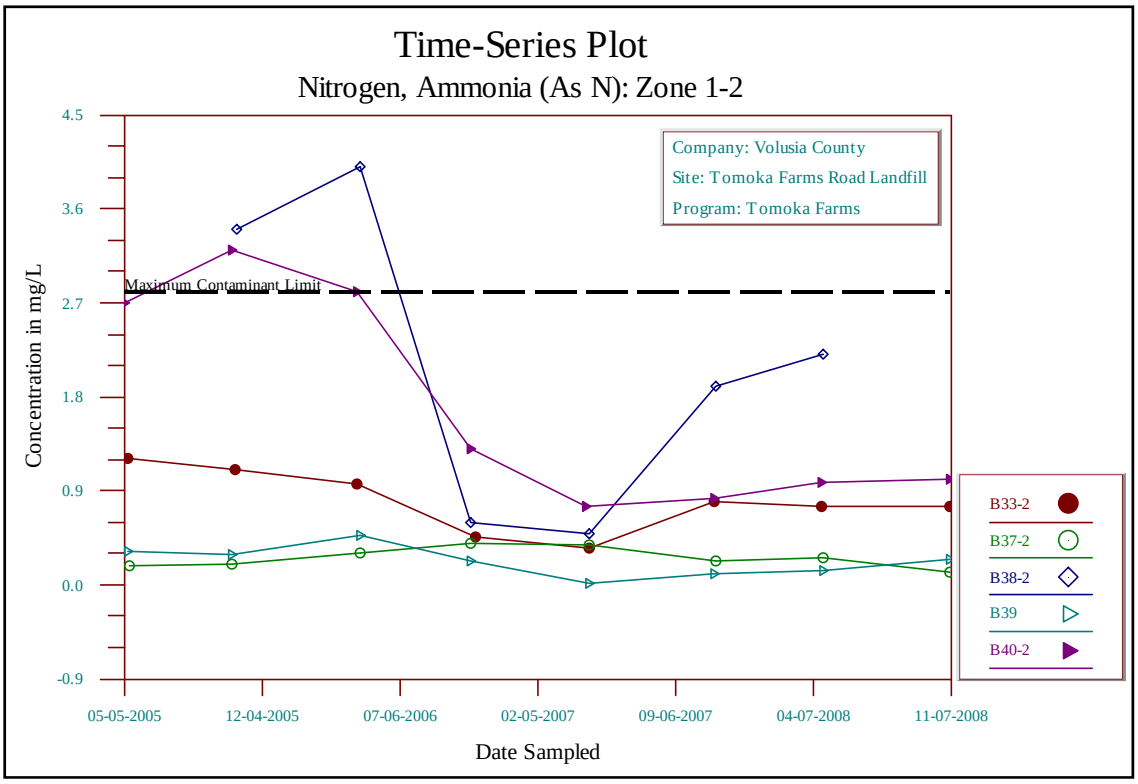

Floridan Aquifer
Groundwater Elevation
ft, NGVD
22.0
20.0
18.0
16.0
14.0
12.0
10.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
F-MB
FA-1B
FA-2C

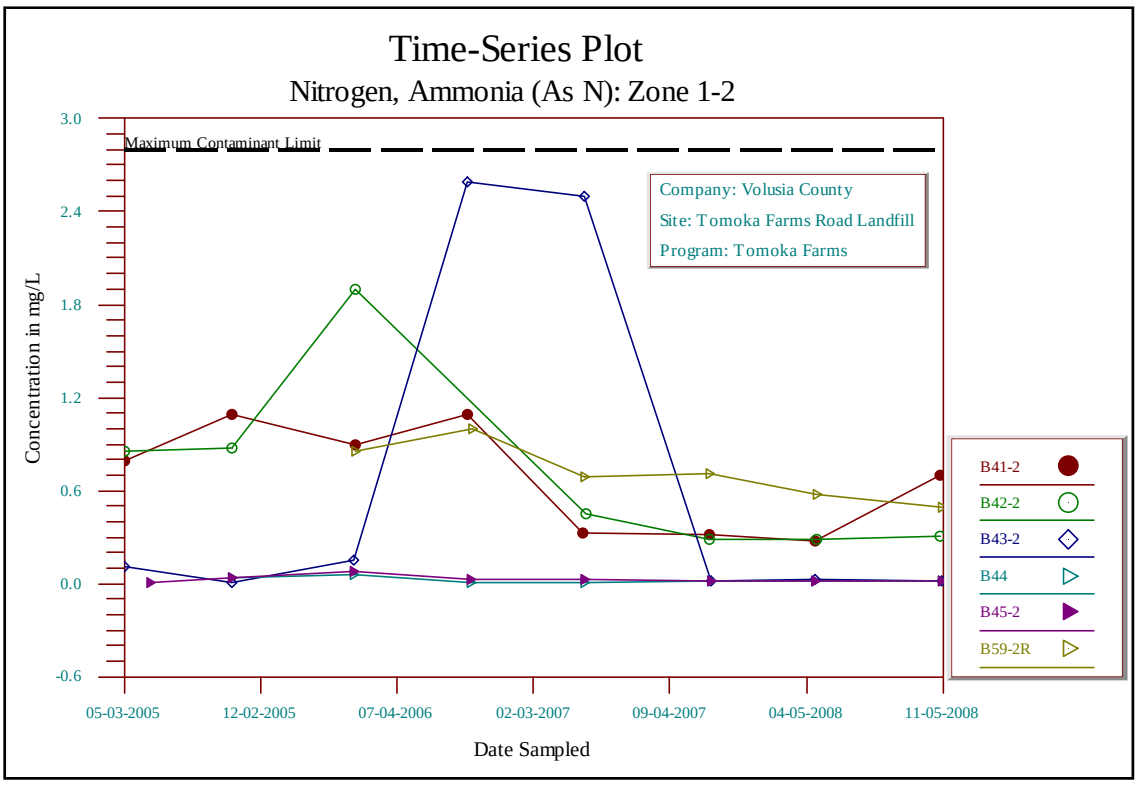
Appendix D

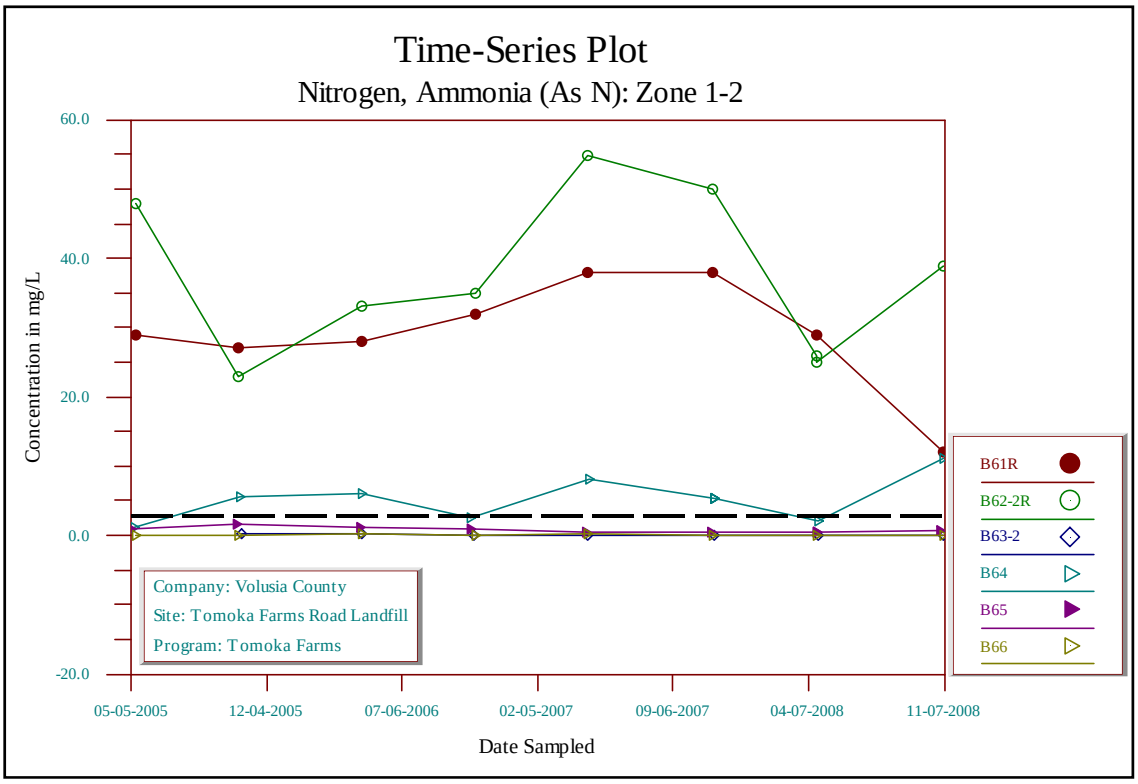
Time Series Graphs

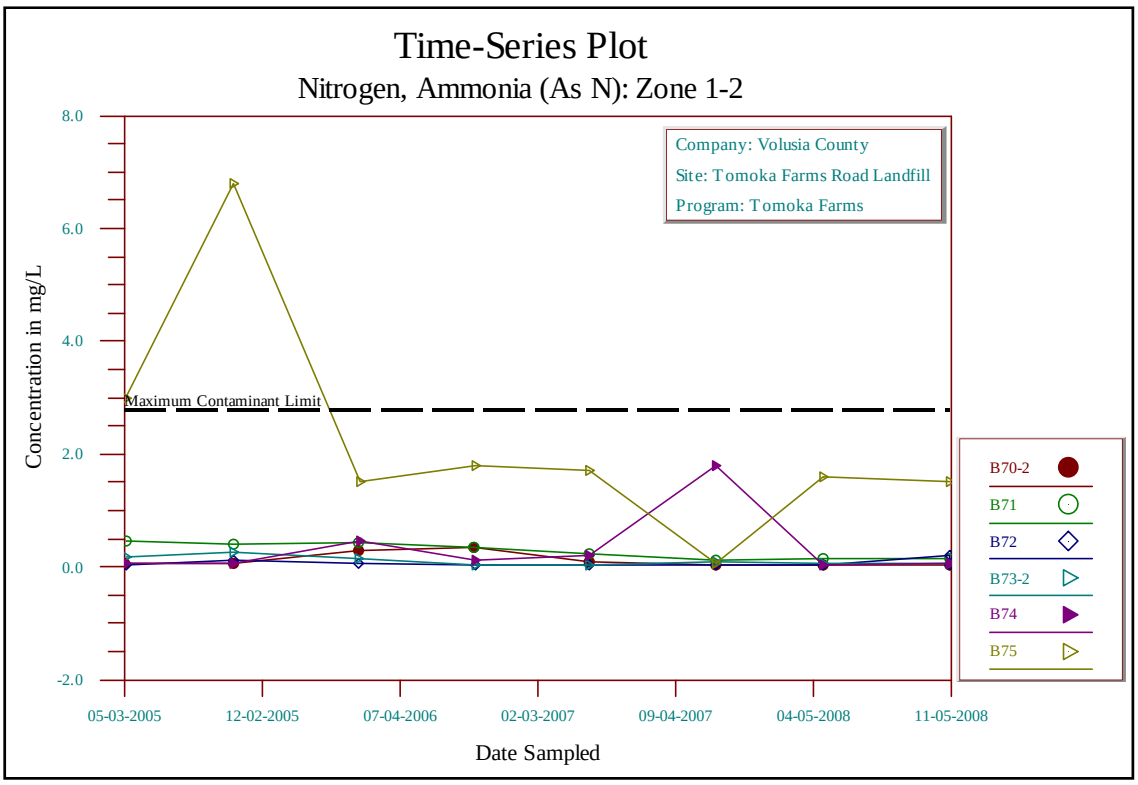
ZONE 1-2
GRAPHS

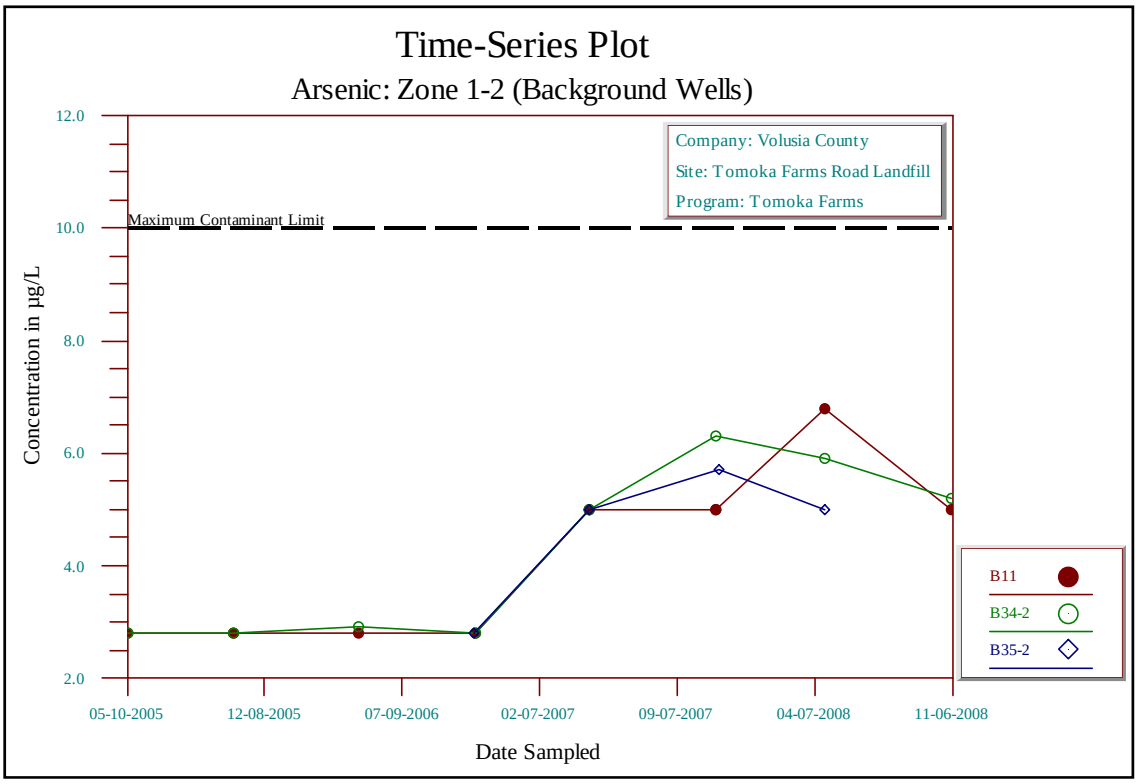

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 1-2 (Background Wells)
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
3.0
2.5
2.0
1.5
1.0
0.5
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled
B11
B34-2
B35-2

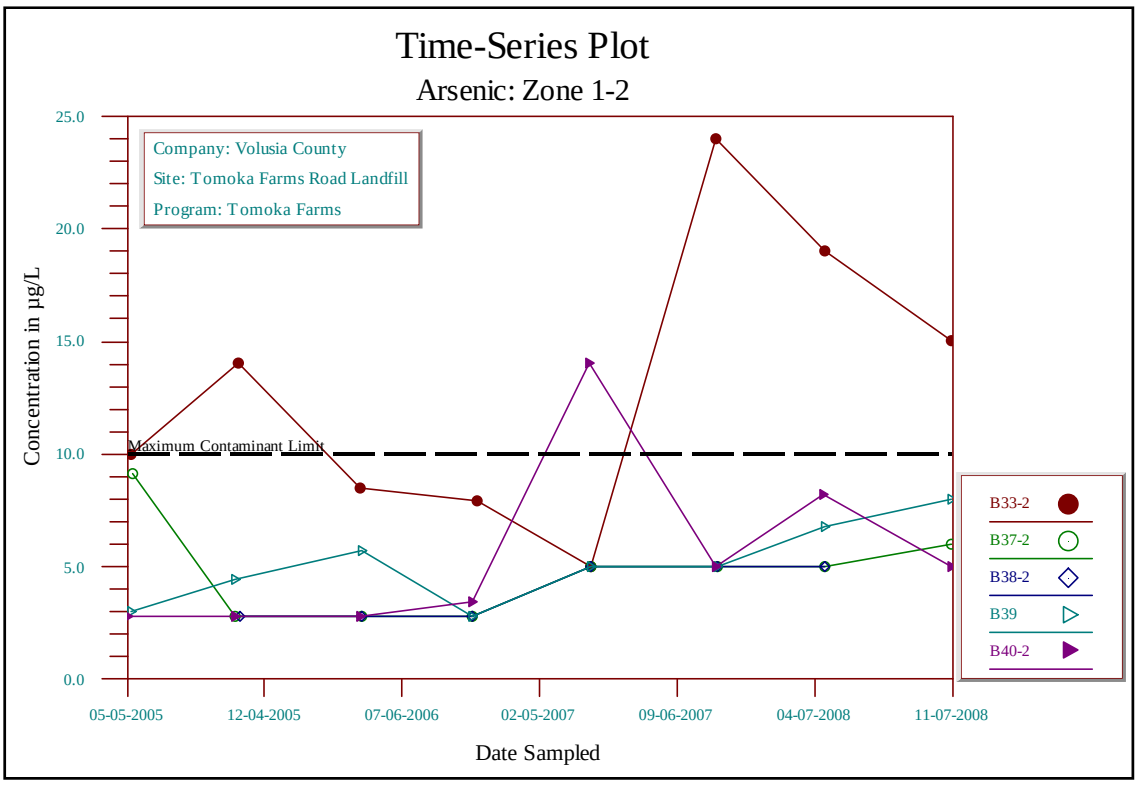

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
4.5
3.6
2.7
1.8
0.9
0.0
-0.9
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

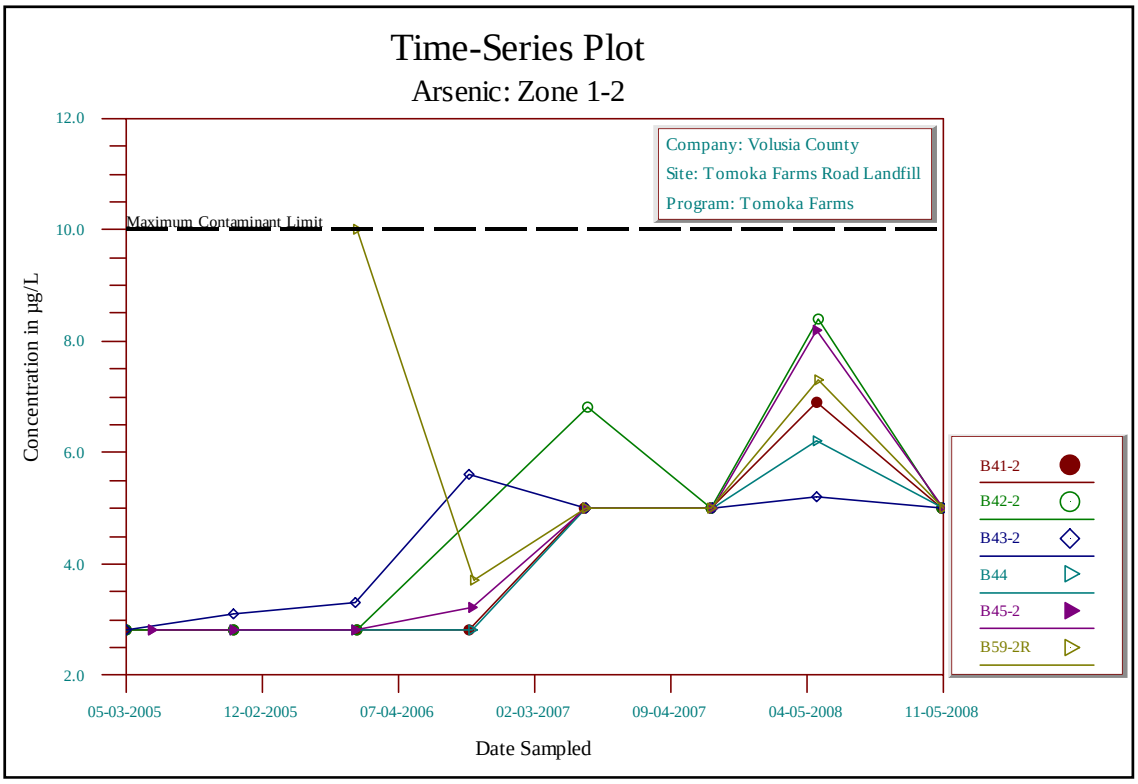

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 1-2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
3.0
2.4
1.8
1.2
0.6
0.0
-0.6
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

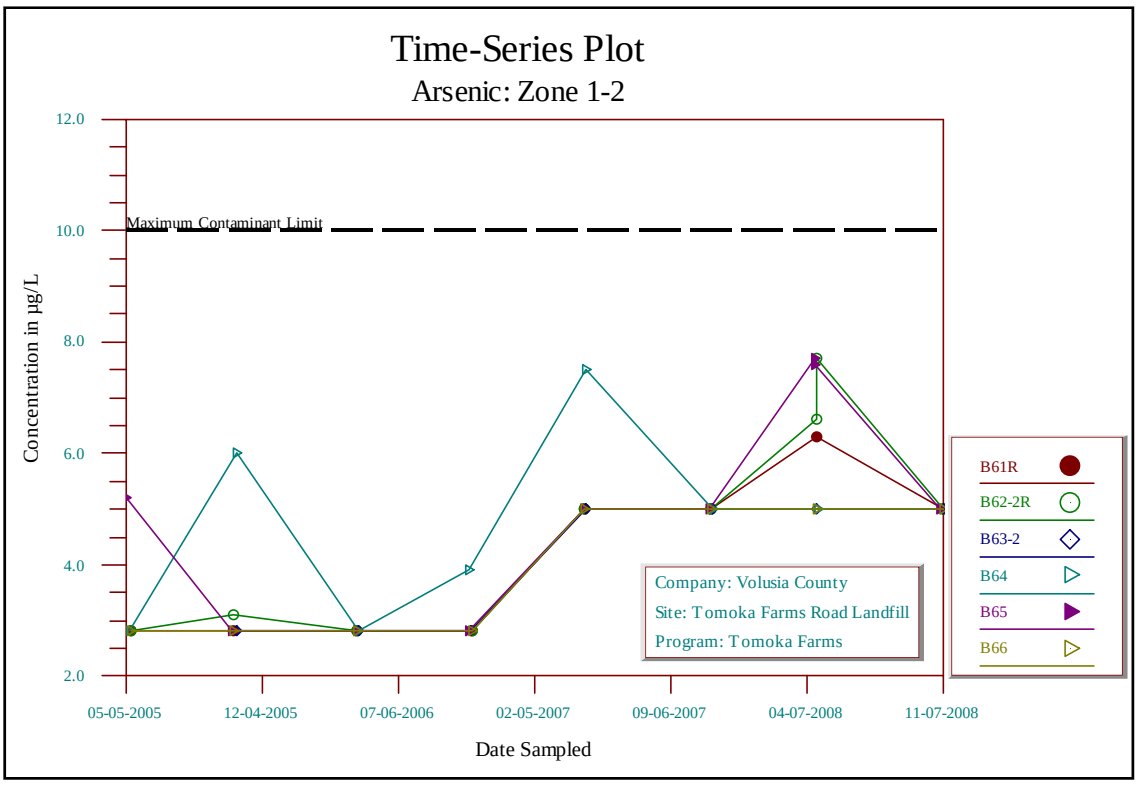

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
60.0
40.0
20.0
0.0
-20.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

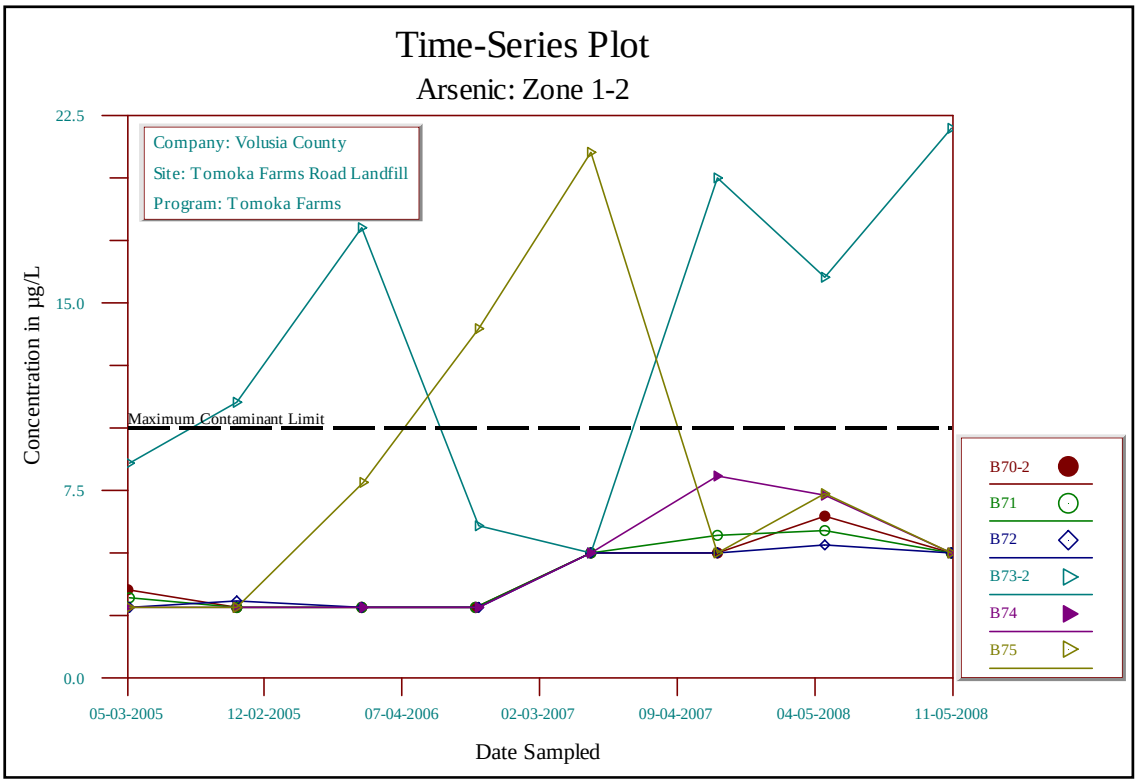

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
8.0
6.0
4.0
2.0
0.0
-2.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75

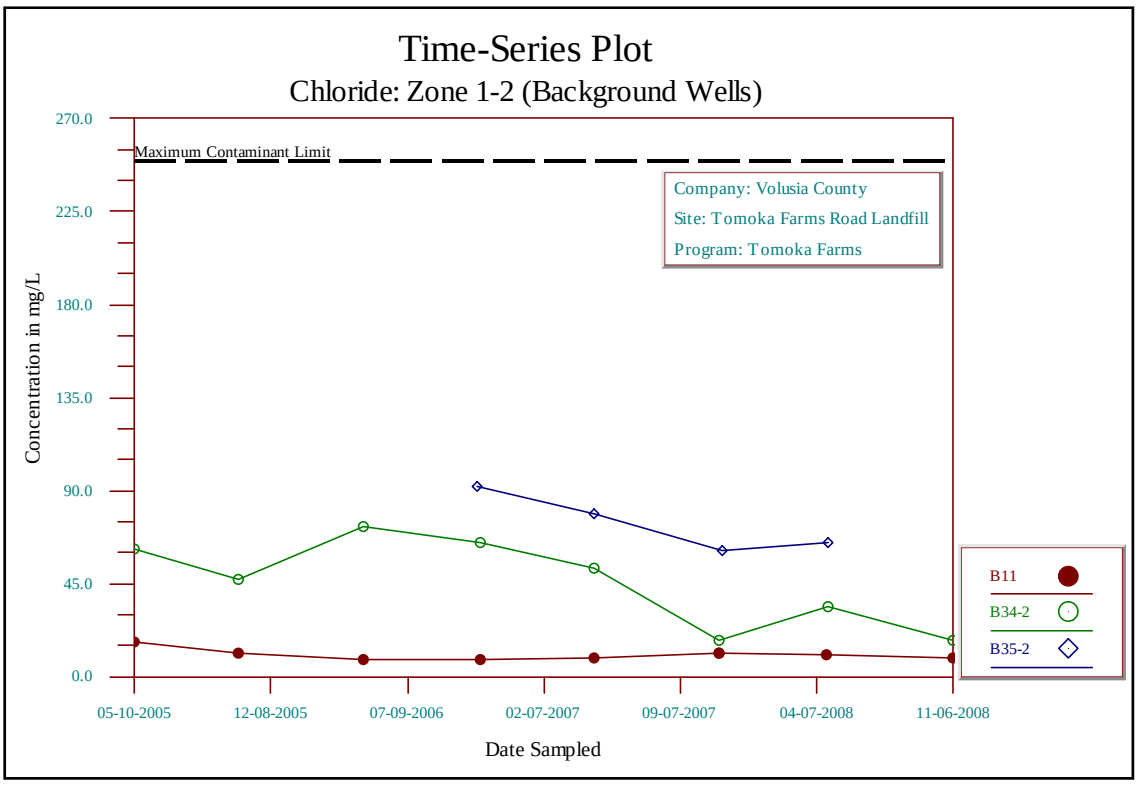

Time-Series Plot
Arsenic: Zone 1-2 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled
B11
B34-2
B35-2

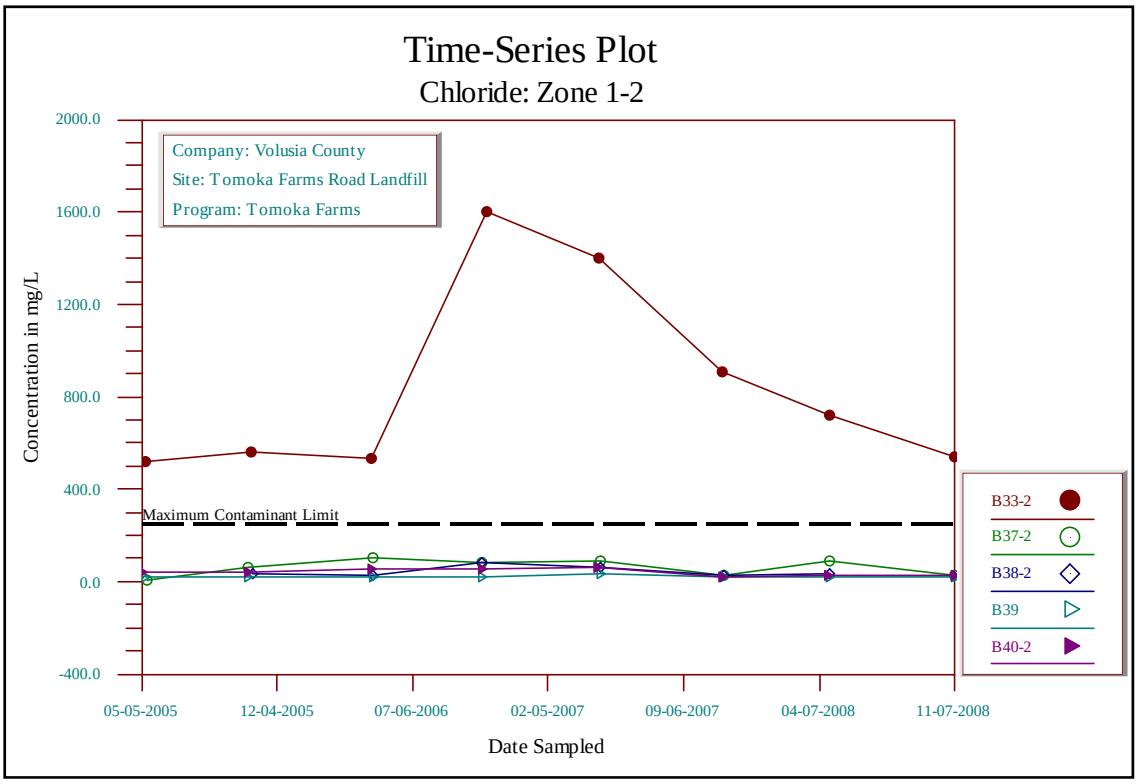

Time-Series Plot
Arsenic: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
25.0
20.0
15.0
10.0
5.0
0.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

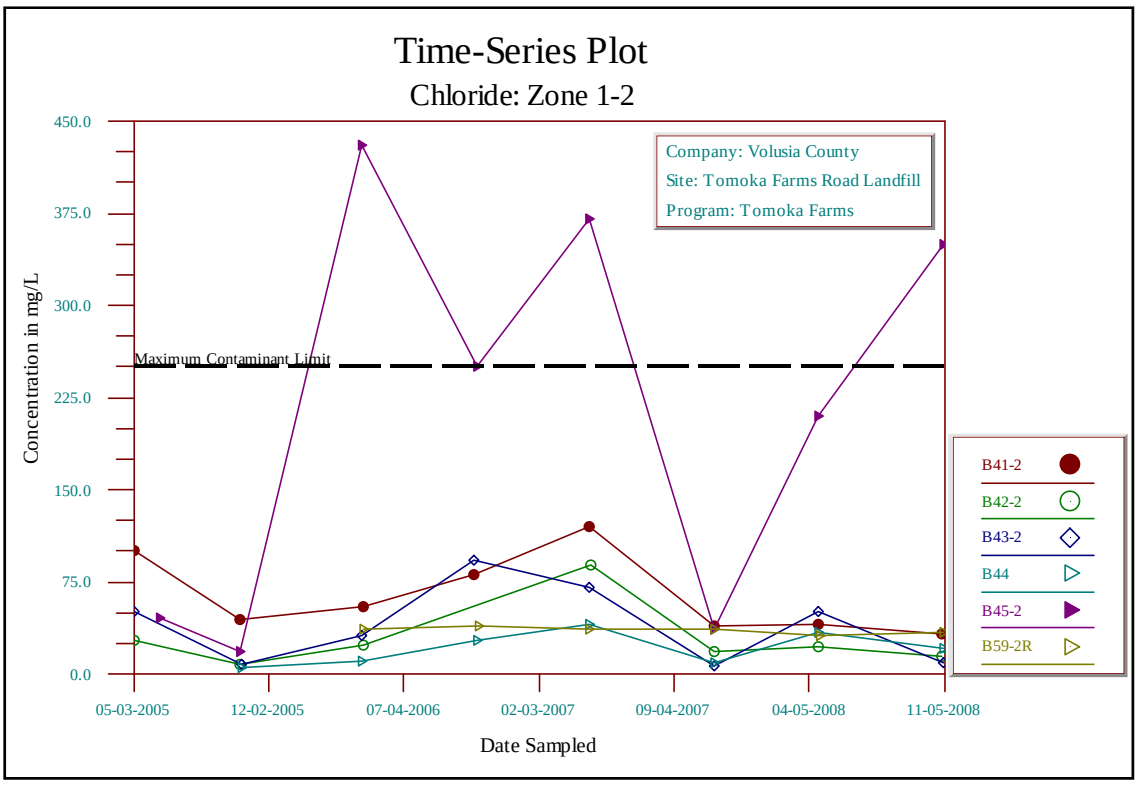

Time-Series Plot
Arsenic: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

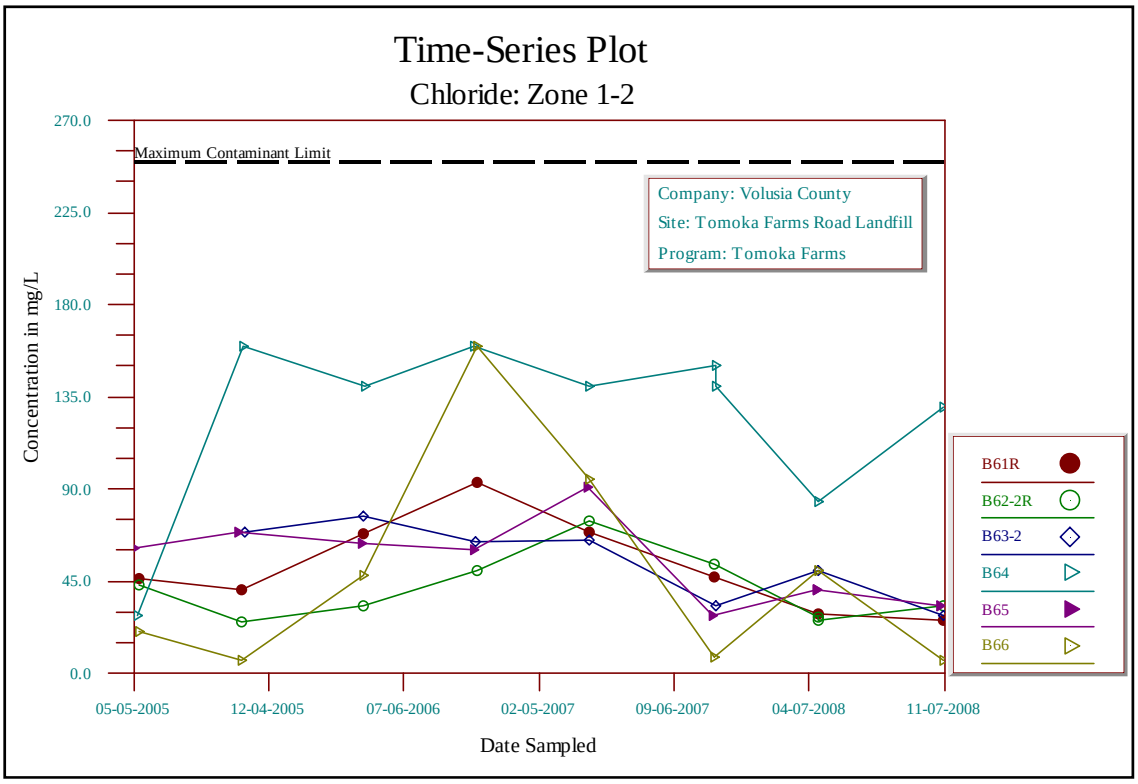

Time-Series Plot
Arsenic: Zone 1-2
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
Maximum Contaminant Limit
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B61R
B62-2R
B63-2
B64
B65
B66

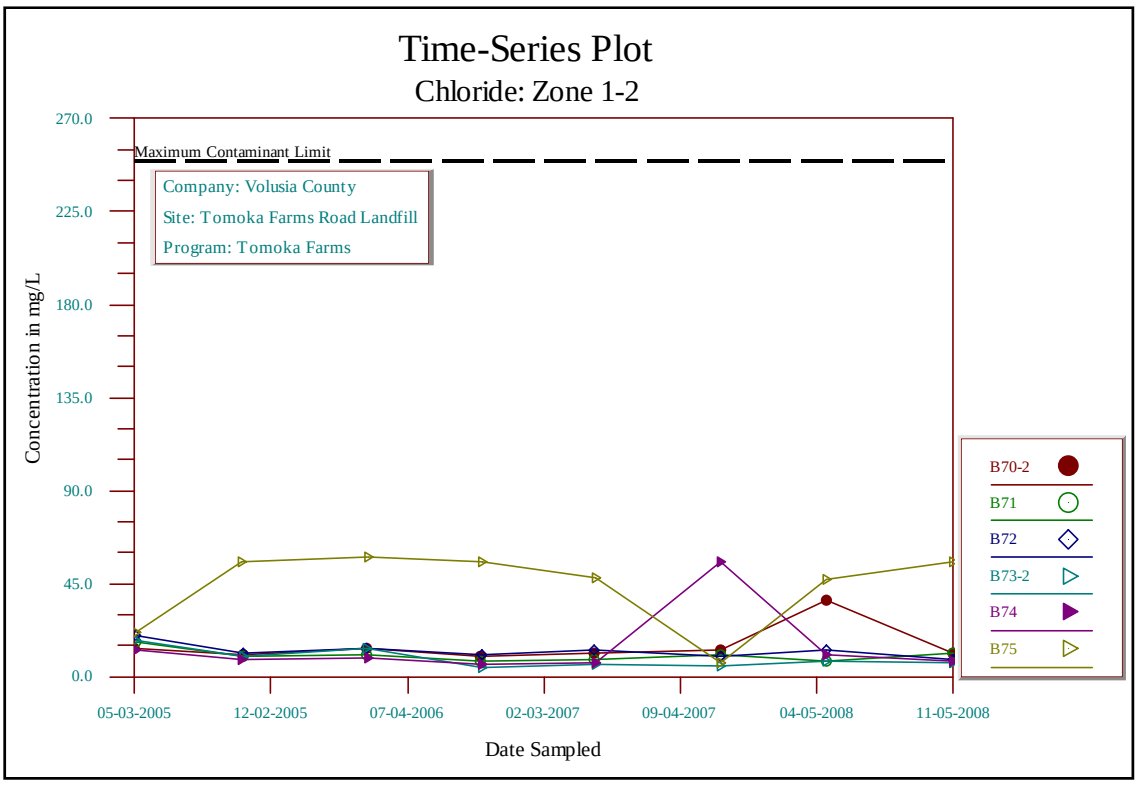

Time-Series Plot
Arsenic: Zone 1-2
Concentration in µg/L
22.5
15.0
7.5
0.0
Maximum Contaminant Limit
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B70-2
B71
B72
B73-2
B74
B75

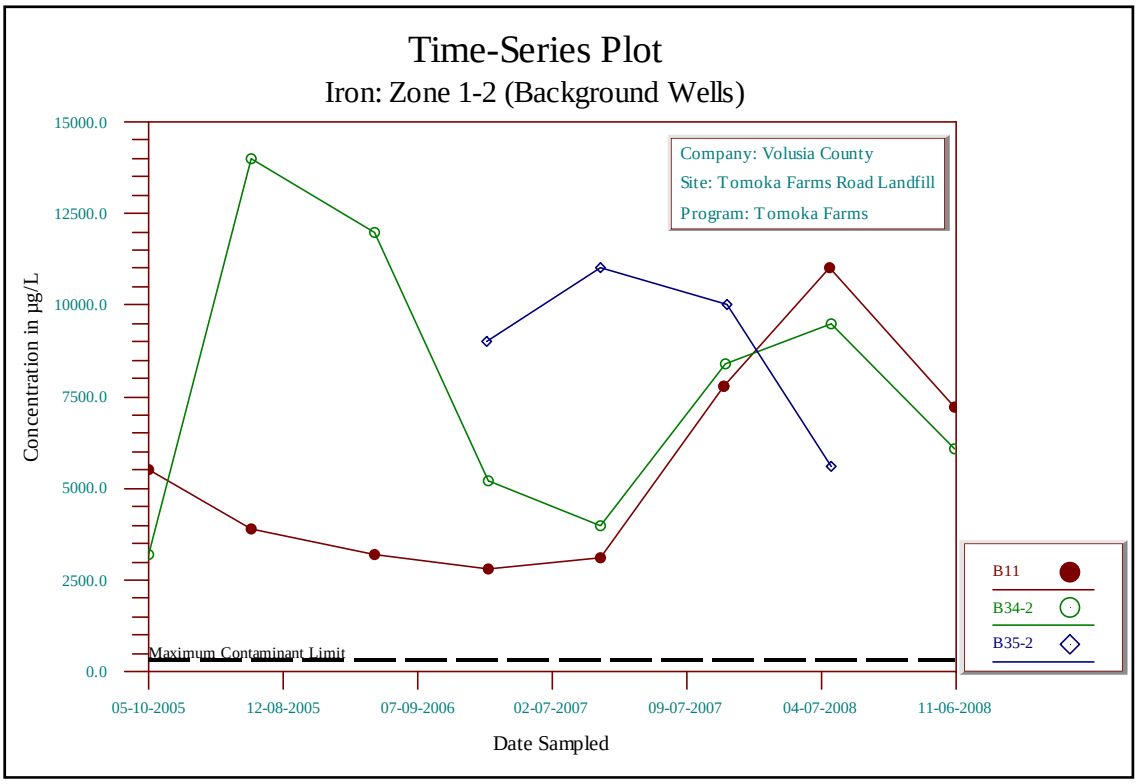

Time-Series Plot
Chloride: Zone 1-2 (Background Wells)
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
270.0
225.0
180.0
135.0
90.0
45.0
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled
B11
B34-2
B35-2

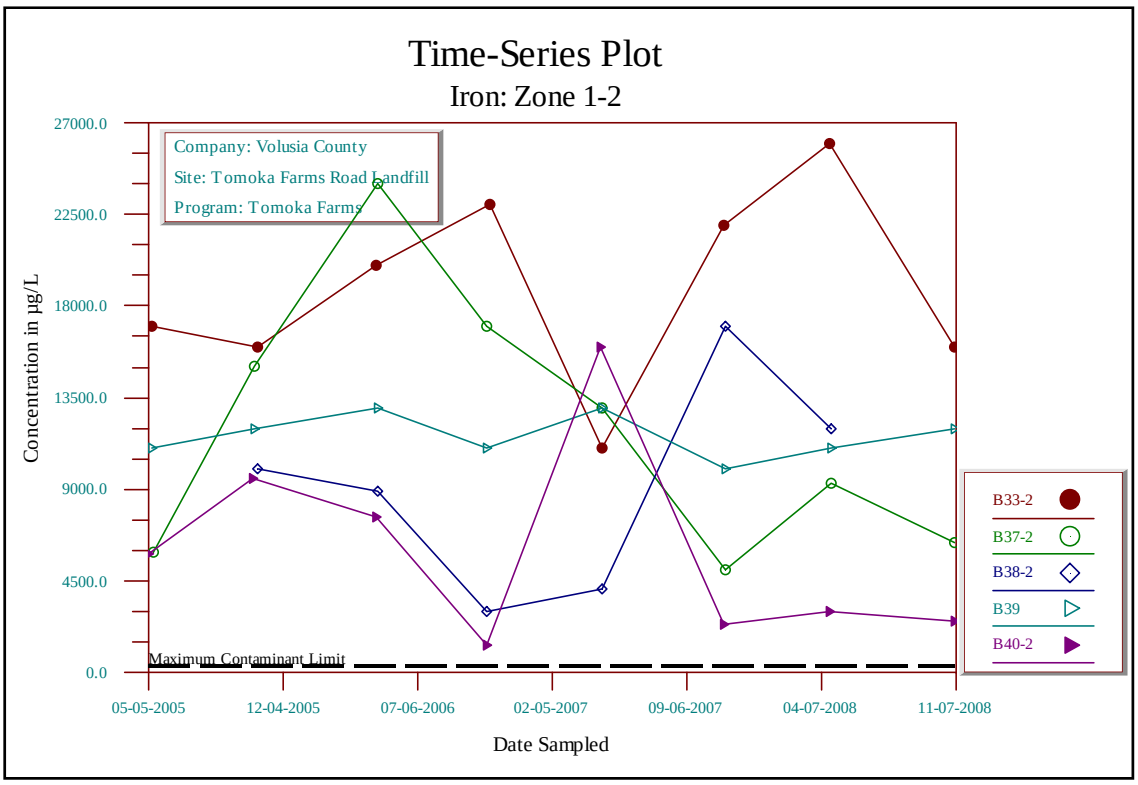

Time-Series Plot
Chloride: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
2000.0
1600.0
1200.0
800.0
400.0
0.0
-400.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

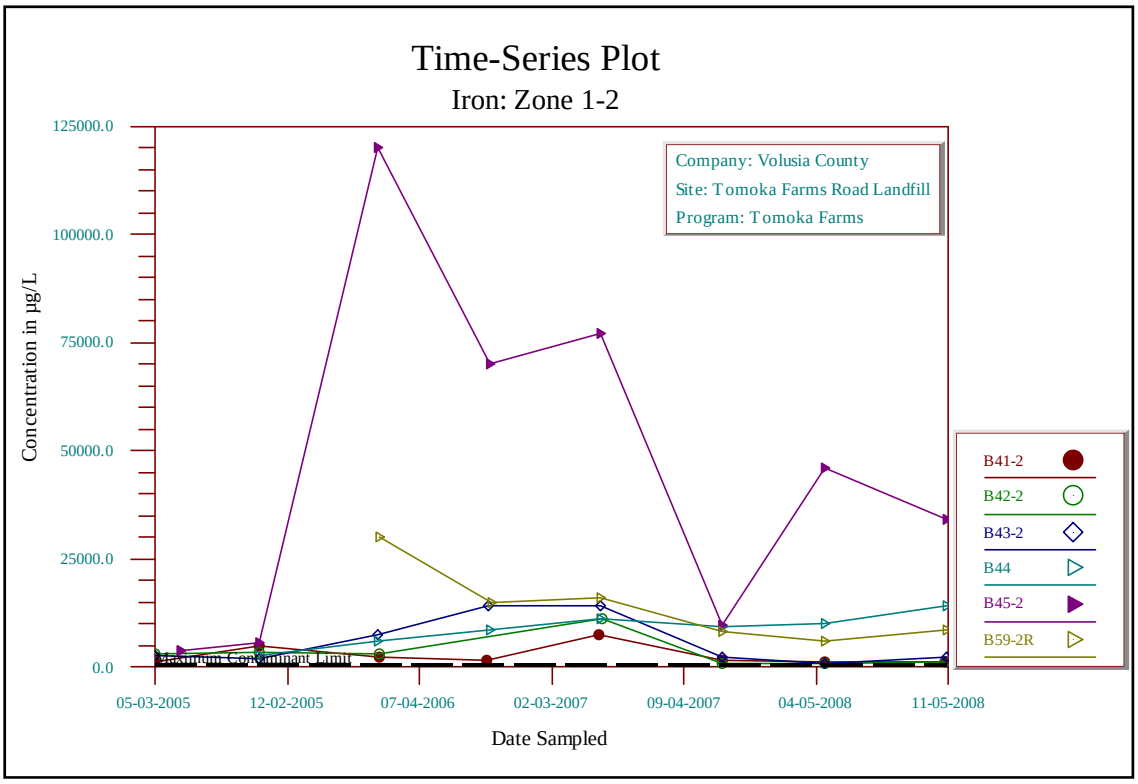

Time-Series Plot
Chloride: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
450.0
375.0
300.0
225.0
150.0
75.0
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

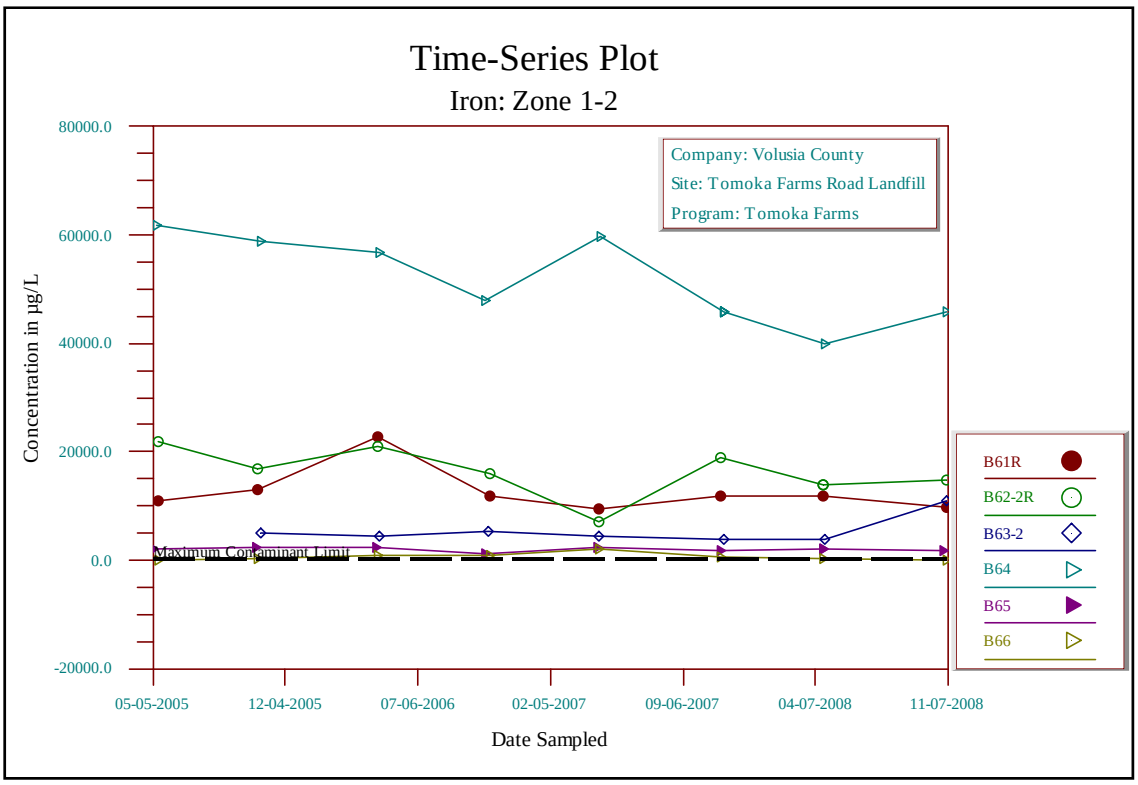

Time-Series Plot
Chloride: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
270.0
225.0
180.0
135.0
90.0
45.0
0.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

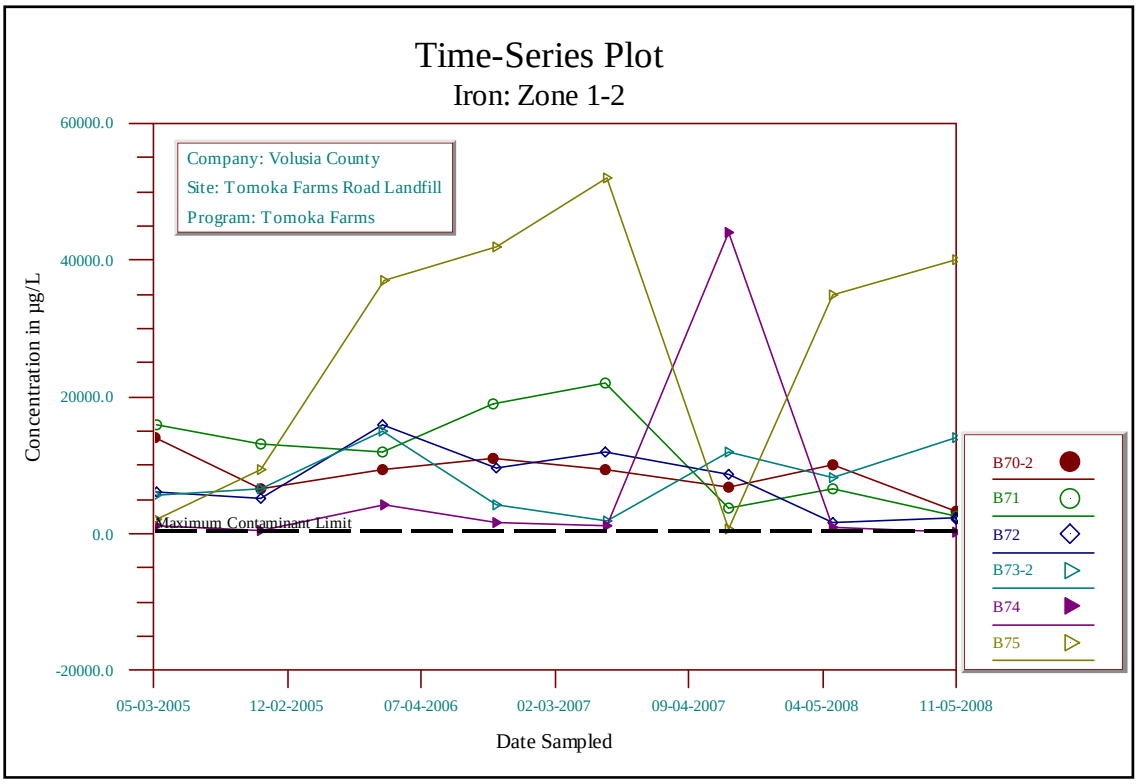

Time-Series Plot
Chloride: Zone 1-2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
270.0
225.0
180.0
135.0
90.0
45.0
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75

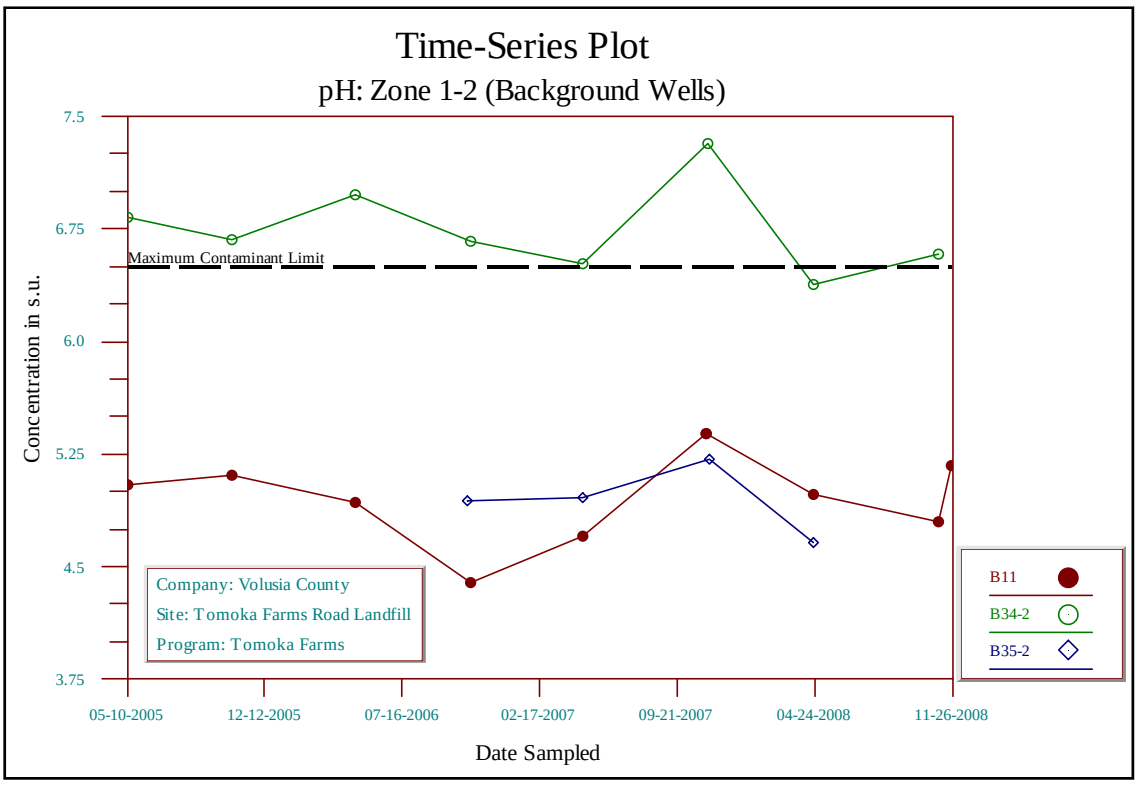

Time-Series Plot
Iron: Zone 1-2 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
15000.0
12500.0
10000.0
7500.0
5000.0
2500.0
0.0
Maximum Contaminant Limit
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled
B11
B34-2
B35-2

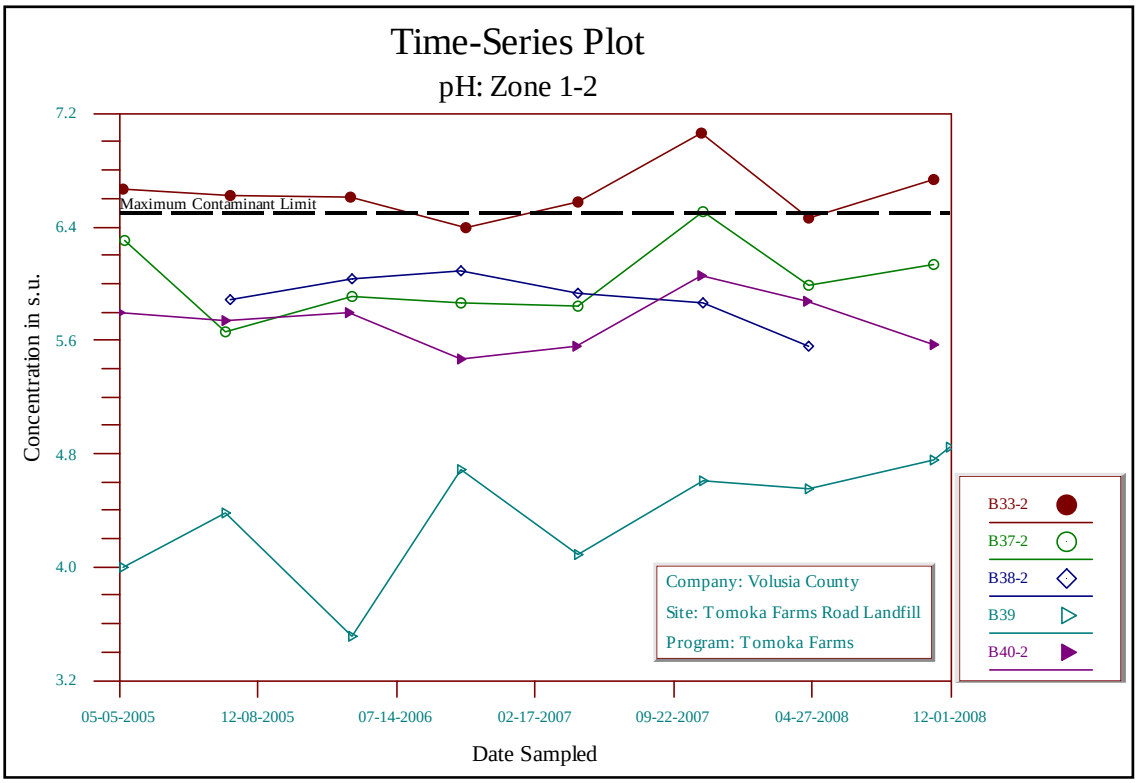

Time-Series Plot
Iron: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
27000.0
22500.0
18000.0
13500.0
9000.0
4500.0
0.0
Maximum Contaminant Limit
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

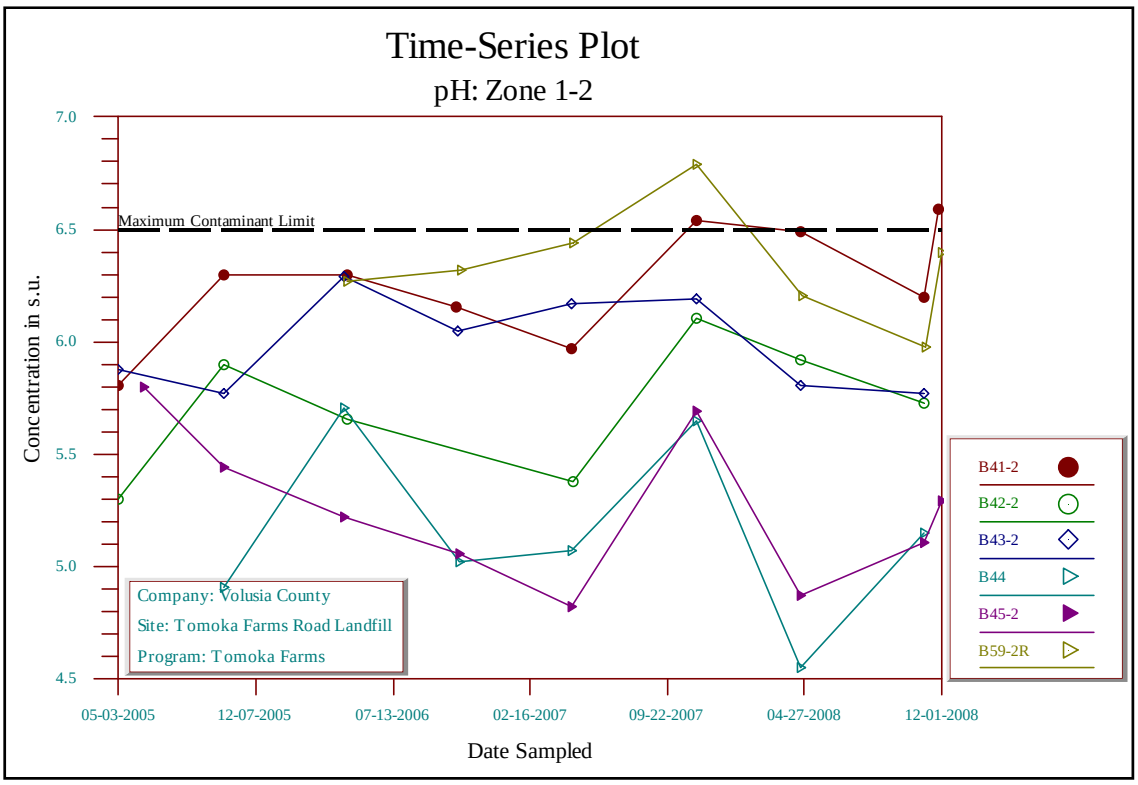

Time-Series Plot
Iron: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
125000.0
100000.0
75000.0
50000.0
25000.0
0.0
Maximum Contaminant Limit
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

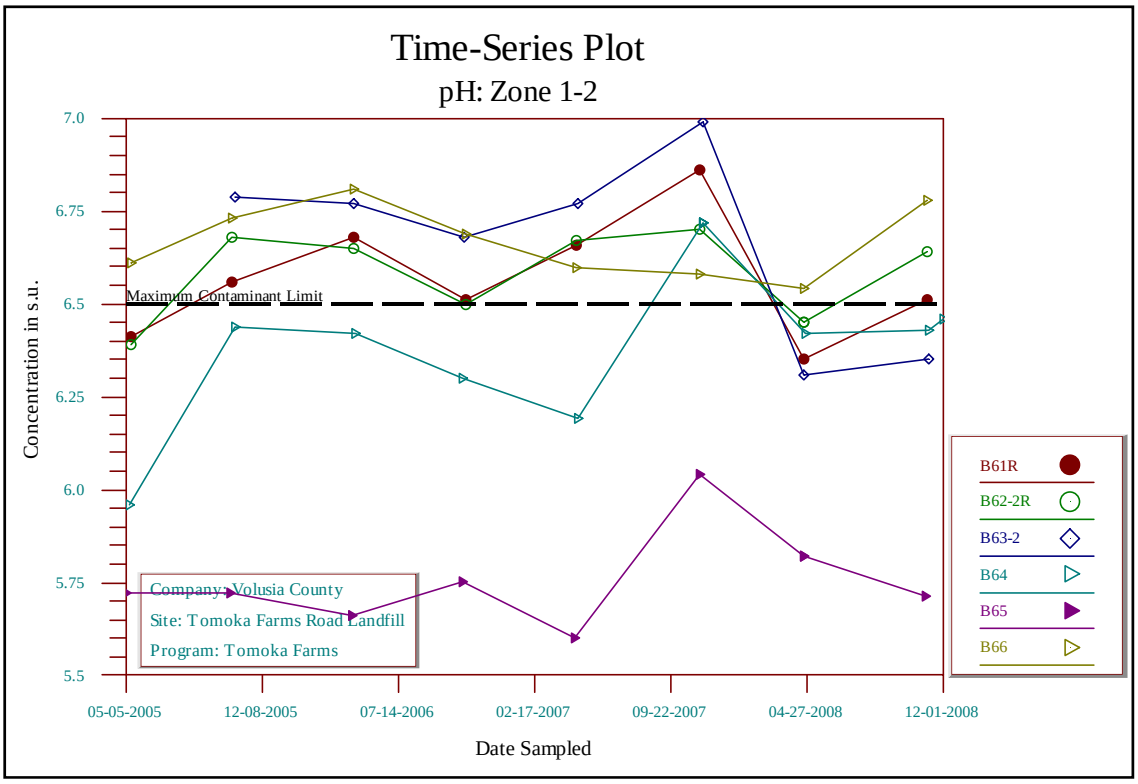

Time-Series Plot
Iron: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
80000.0
60000.0
40000.0
20000.0
0.0
-20000.0
Maximum Contaminant Limit
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

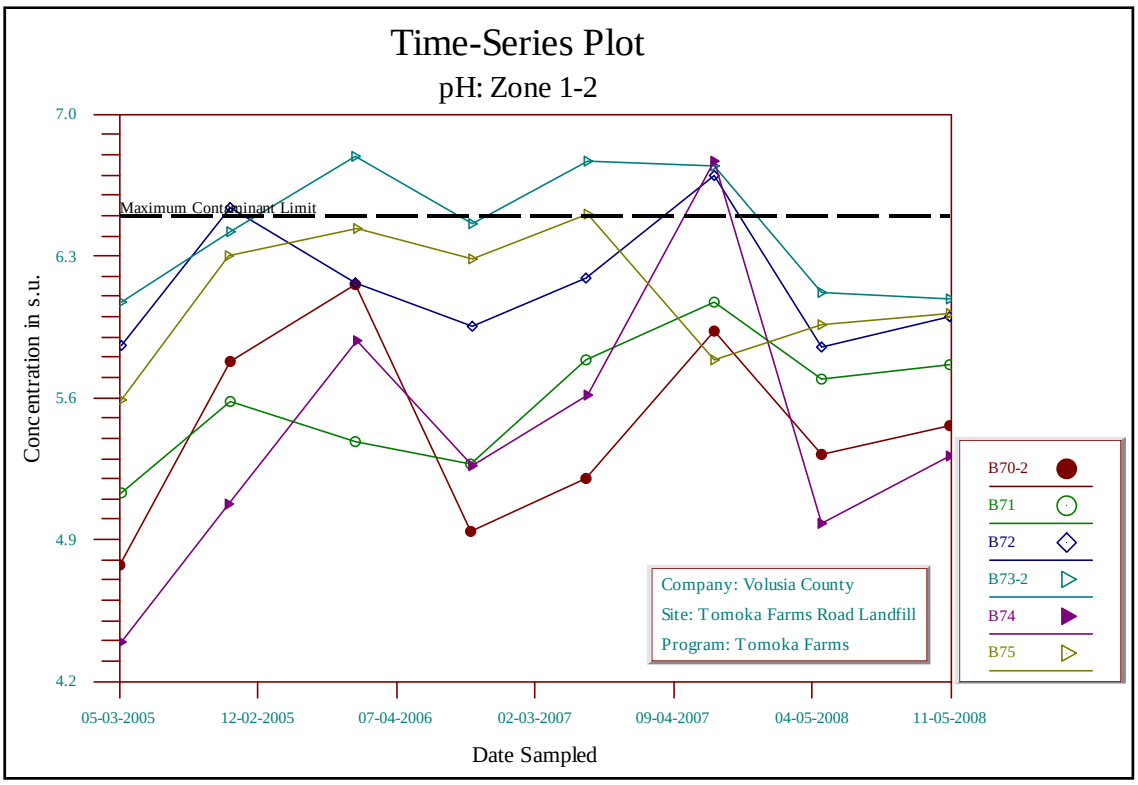

Time-Series Plot
Iron: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
60000.0
40000.0
20000.0
0.0
-20000.0
Maximum Contaminant Limit
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75

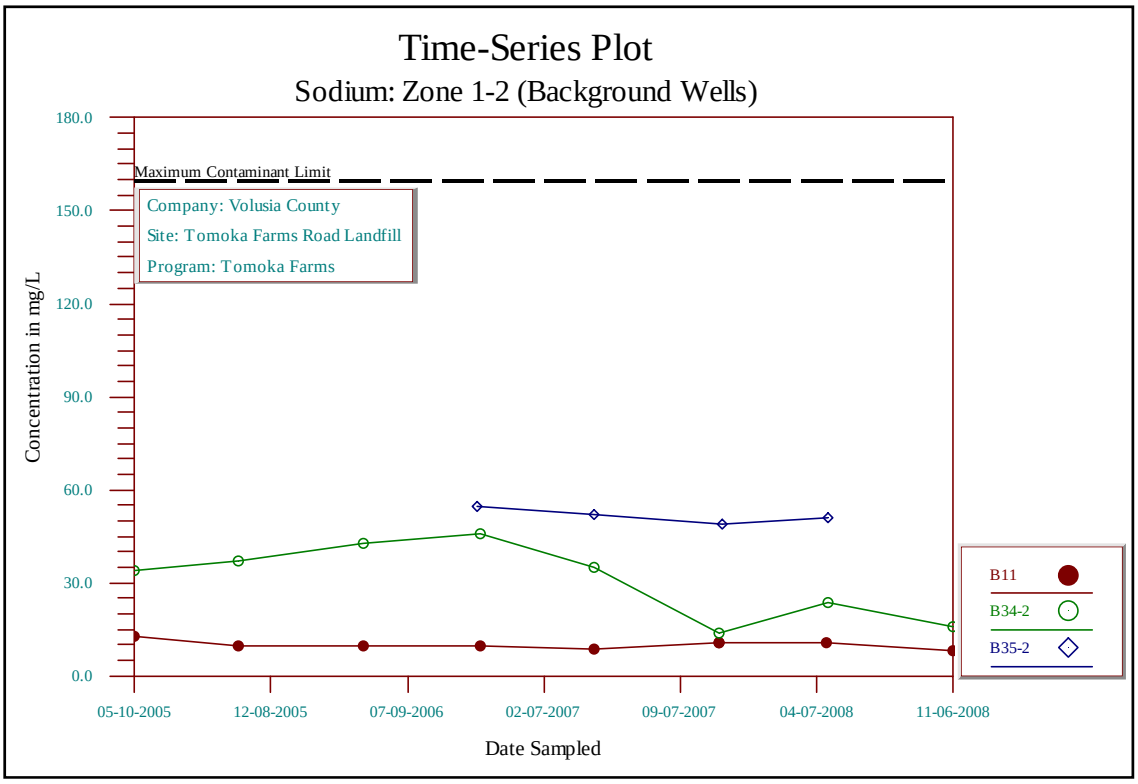

Time-Series Plot
pH: Zone 1-2 (Background Wells)
Concentration in s.u.
7.5
6.75
6.0
5.25
4.5
3.75
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B11
B34-2
B35-2
05-10-2005
12-12-2005
07-16-2006
02-17-2007
09-21-2007
04-24-2008
11-26-2008
Date Sampled

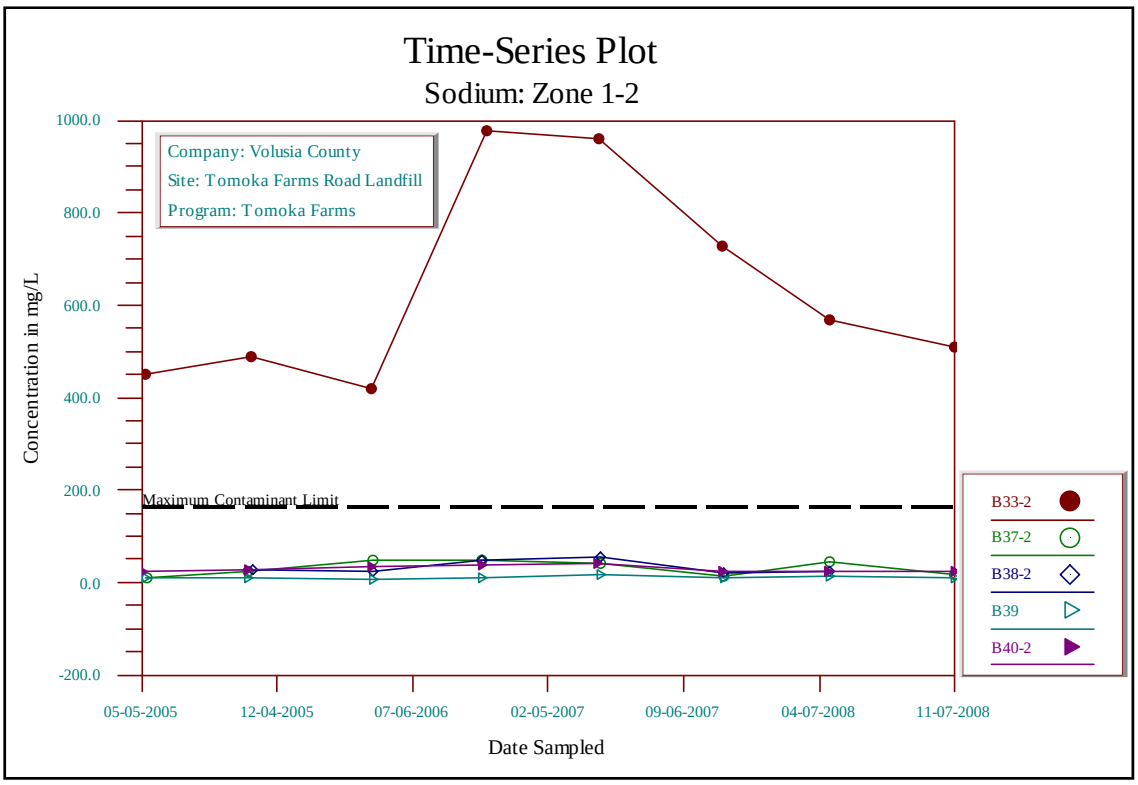

Time-Series Plot
pH: Zone 1-2
Concentration in s.u.
7.2
6.4
5.6
4.8
4.0
3.2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B33-2
B37-2
B38-2
B39
B40-2
05-05-2005
12-08-2005
07-14-2006
02-17-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled

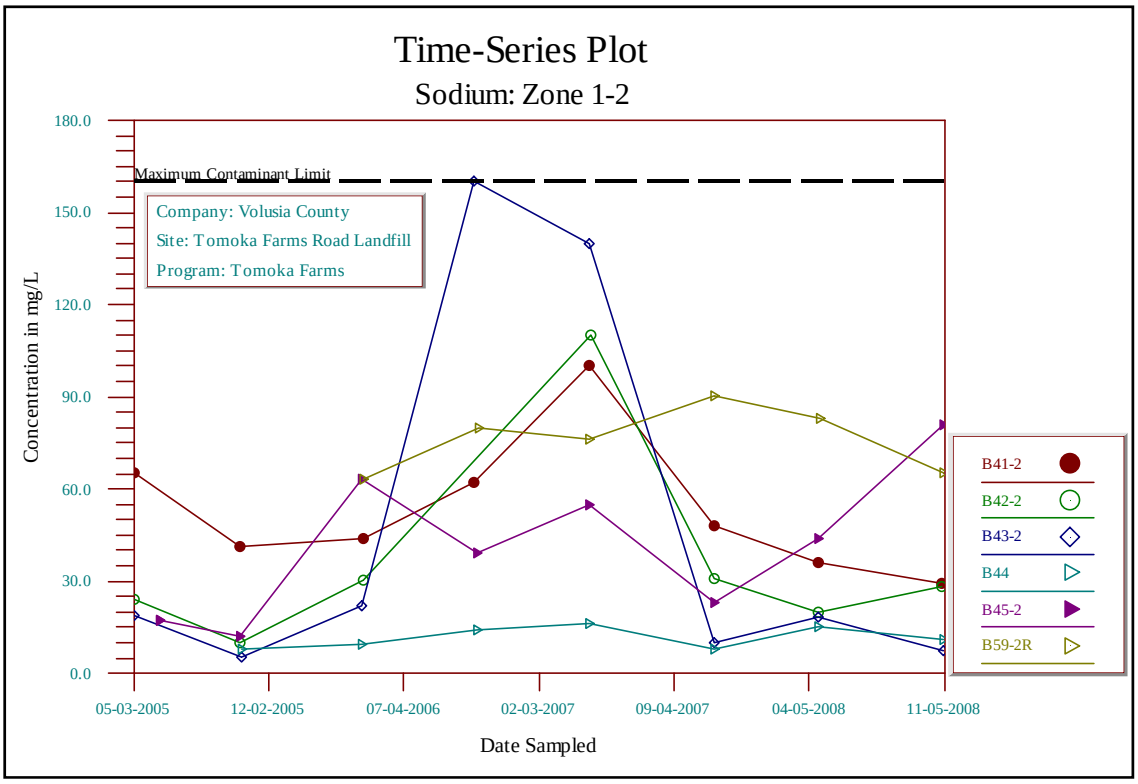

Time-Series Plot
pH: Zone 1-2
Concentration in s.u.
7.0
6.5
6.0
5.5
5.0
4.5
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

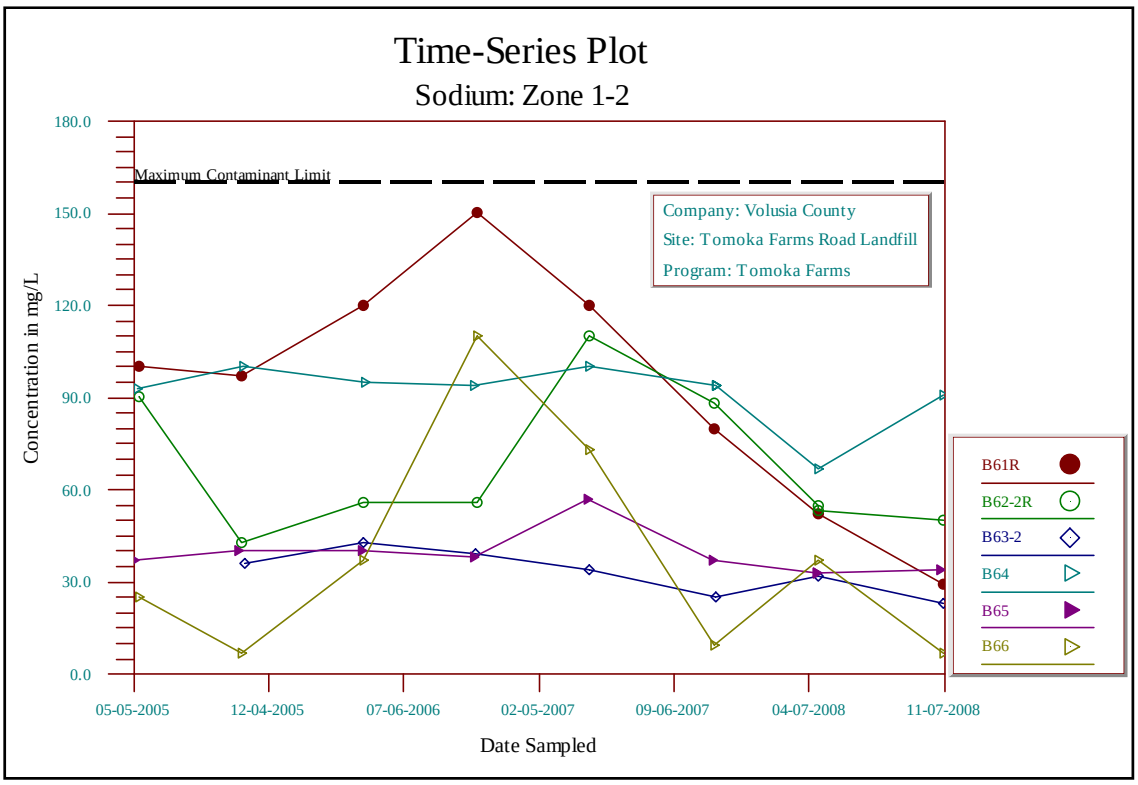

Time-Series Plot
pH: Zone 1-2
Concentration in s.u.
7.0
6.75
6.5
6.25
6.0
5.75
5.5
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
05-05-2005
12-08-2005
07-14-2006
02-17-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

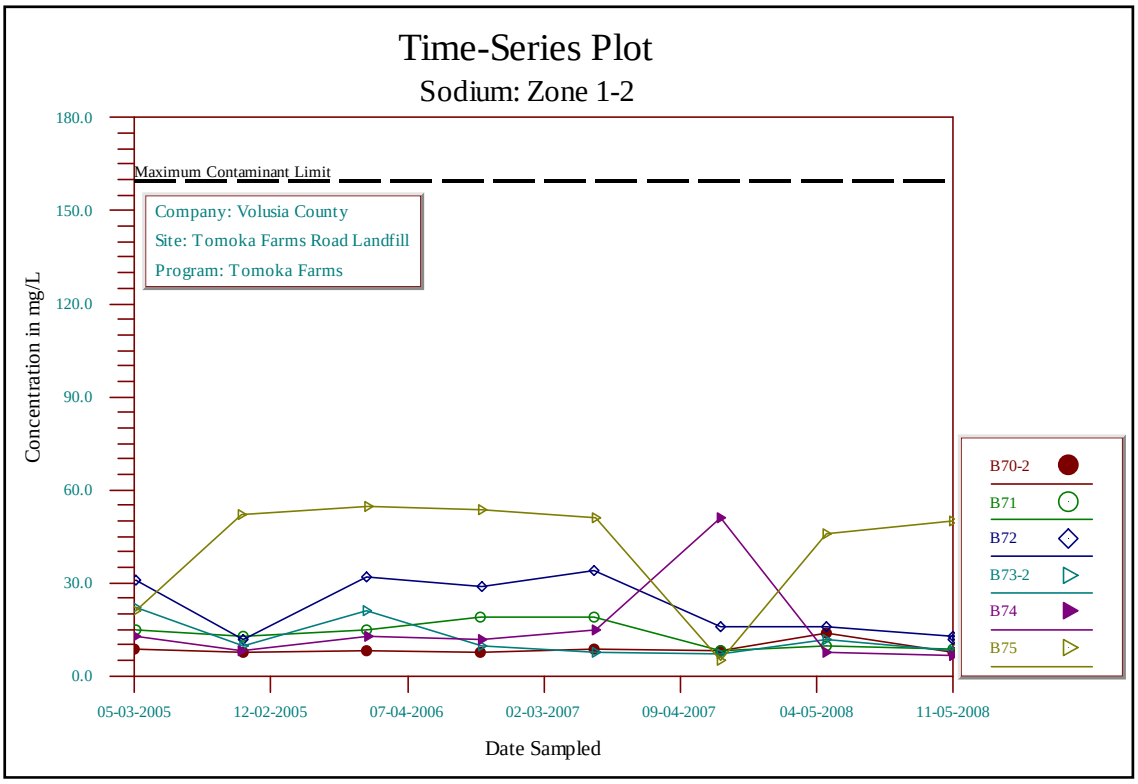

Time-Series Plot
pH: Zone 1-2
7.0
6.3
5.6
4.9
4.2
Concentration in s.u.
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B70-2
B71
B72
B73-2
B74
B75
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled

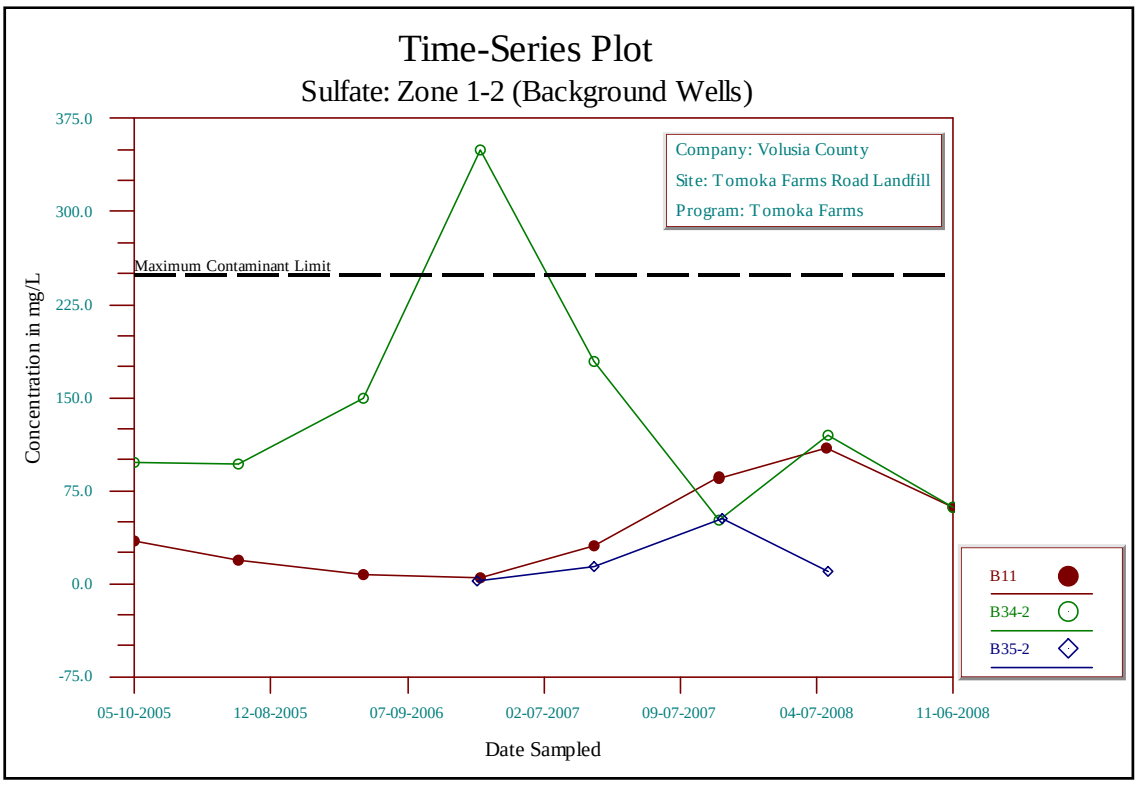

Time-Series Plot
Sodium: Zone 1-2 (Background Wells)
180.0
150.0
120.0
90.0
60.0
30.0
0.0
Concentration in mg/L
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B11
B34-2
B35-2
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled

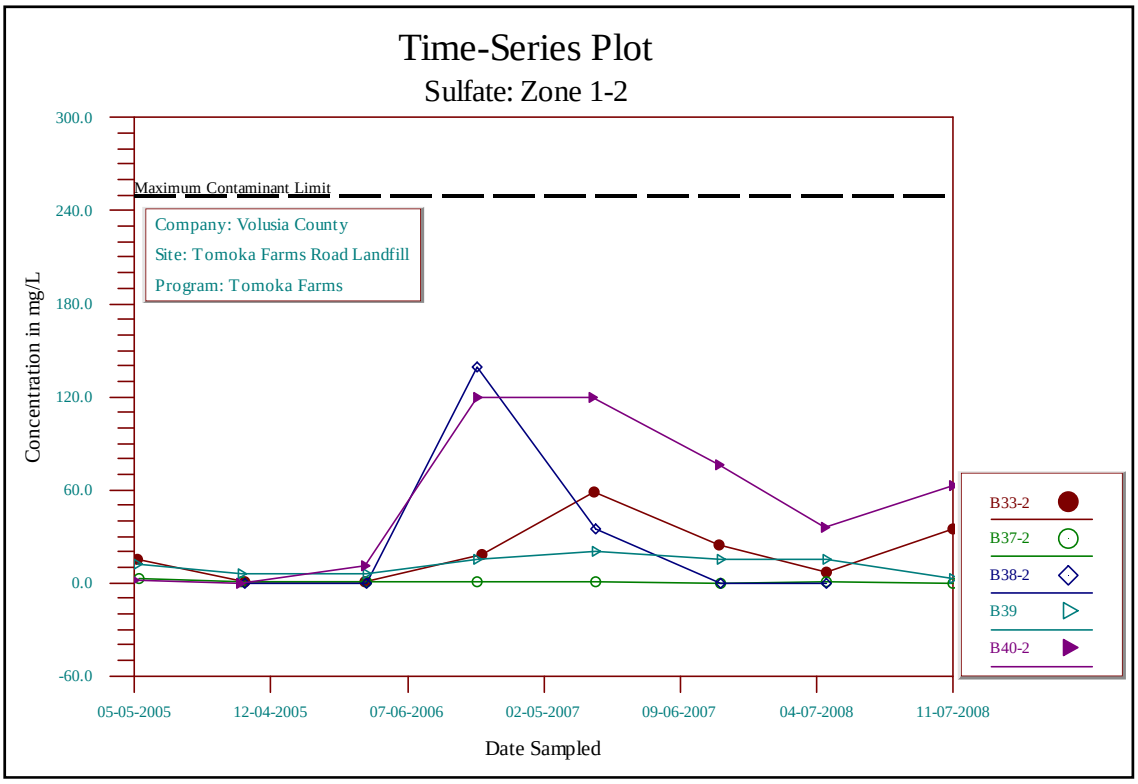

Time-Series Plot
Sodium: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
1000.0
800.0
600.0
400.0
200.0
0.0
-200.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

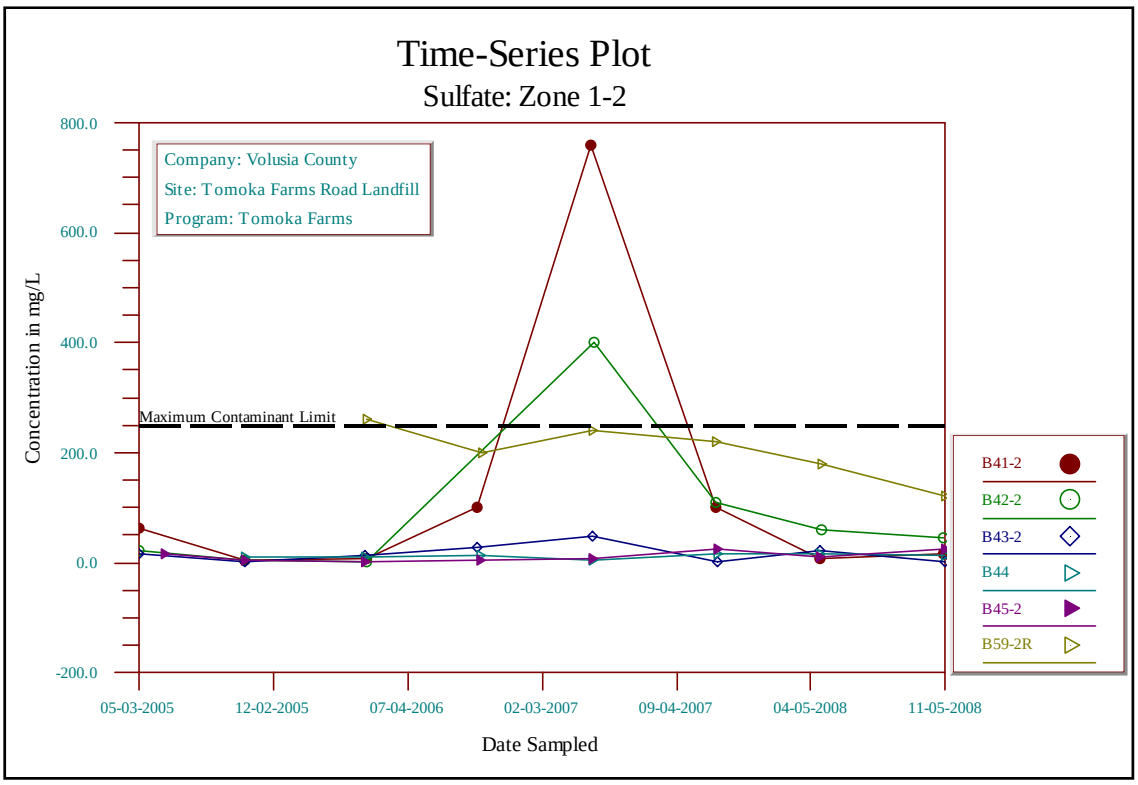

Time-Series Plot
Sodium: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
180.0
150.0
120.0
90.0
60.0
30.0
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

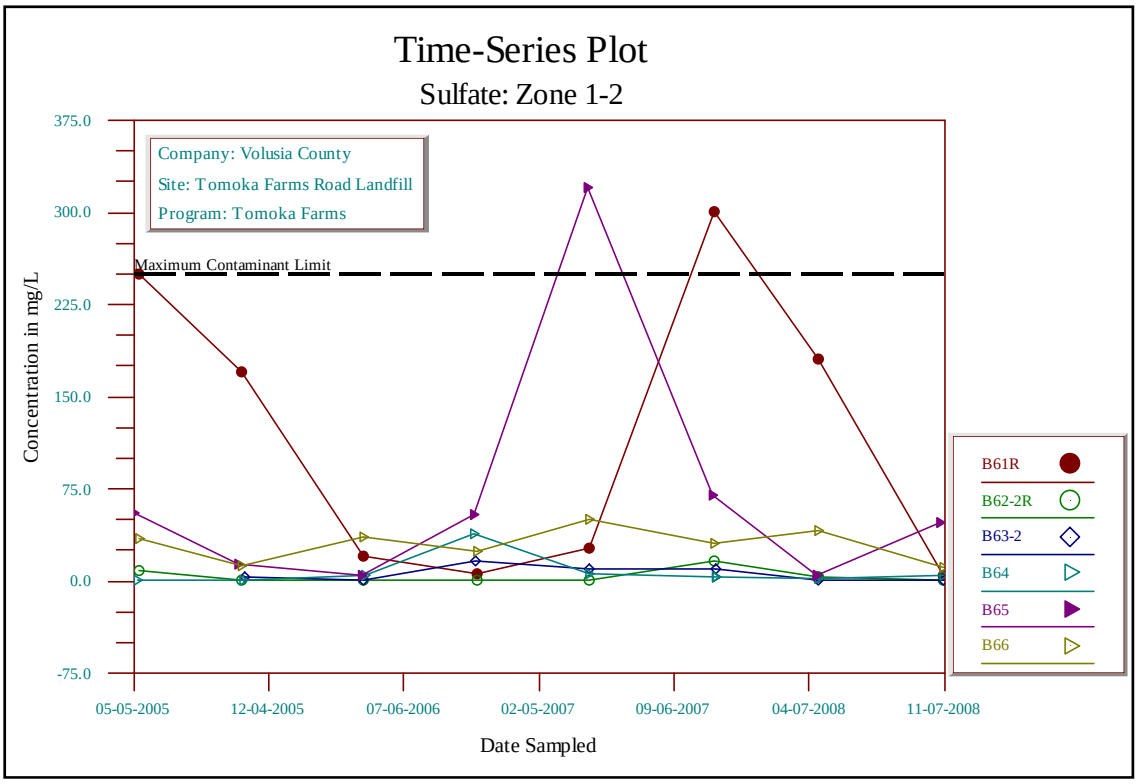

Time-Series Plot
Sodium: Zone 1-2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
180.0
150.0
120.0
90.0
60.0
30.0
0.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

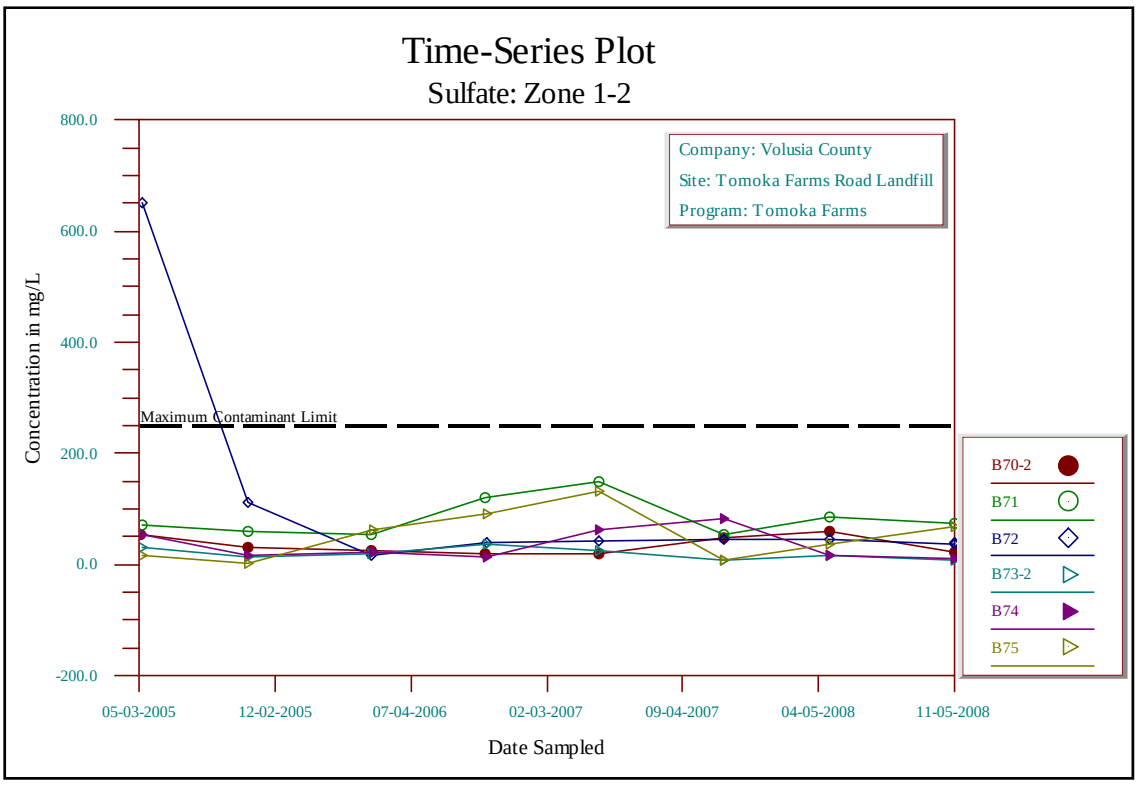

Time-Series Plot
Sodium: Zone 1-2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
180.0
150.0
120.0
90.0
60.0
30.0
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75

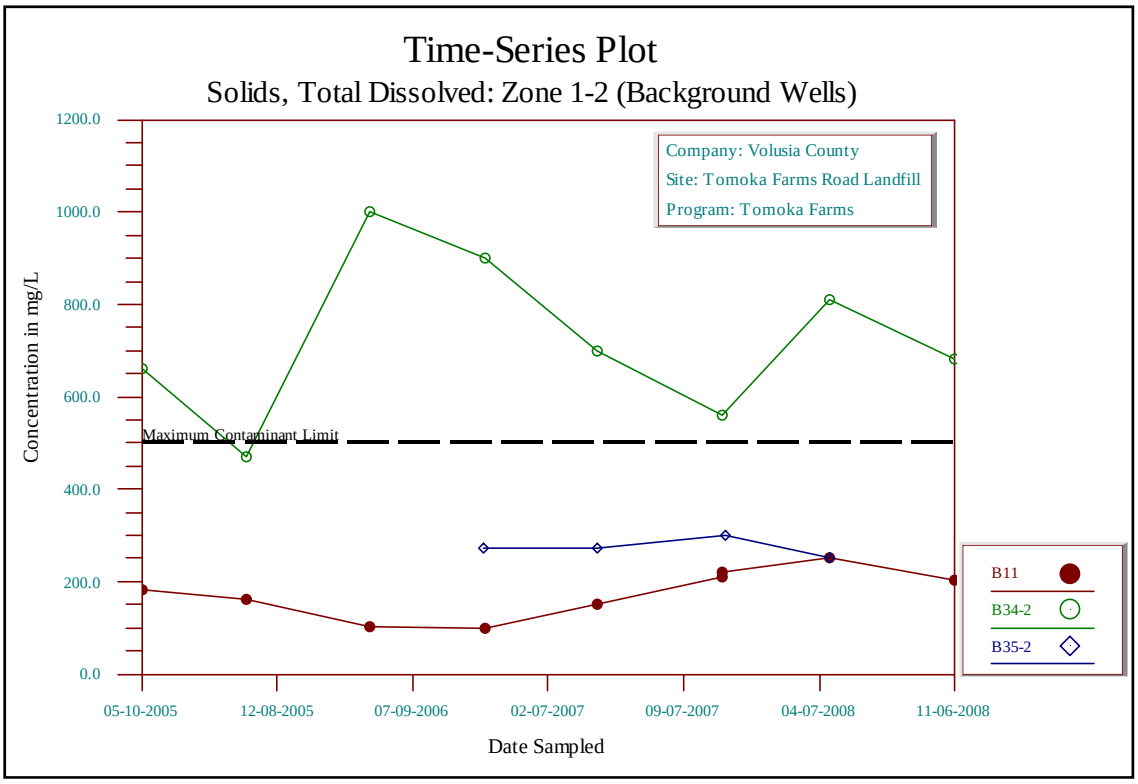

Time-Series Plot
Sulfate: Zone 1-2 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
375.0
300.0
225.0
150.0
75.0
0.0
-75.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled
B11
B34-2
B35-2

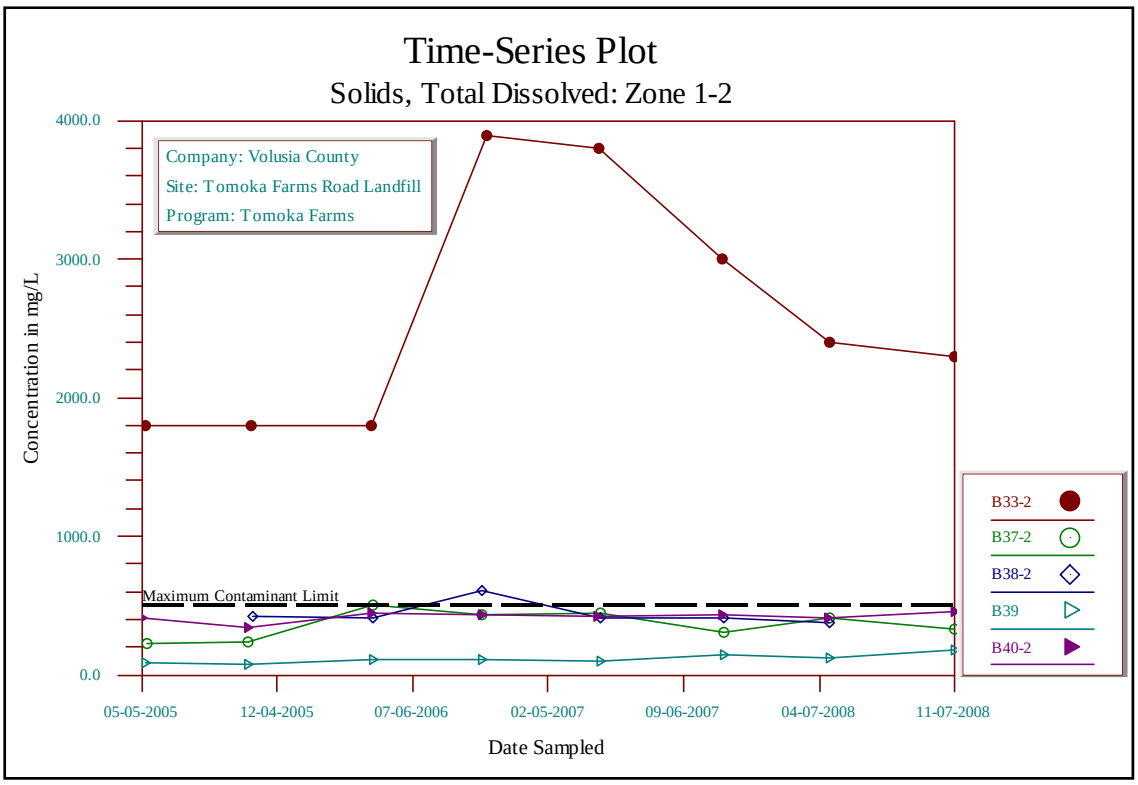

Time-Series Plot
Sulfate: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
300.0
240.0
180.0
120.0
60.0
0.0
-60.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

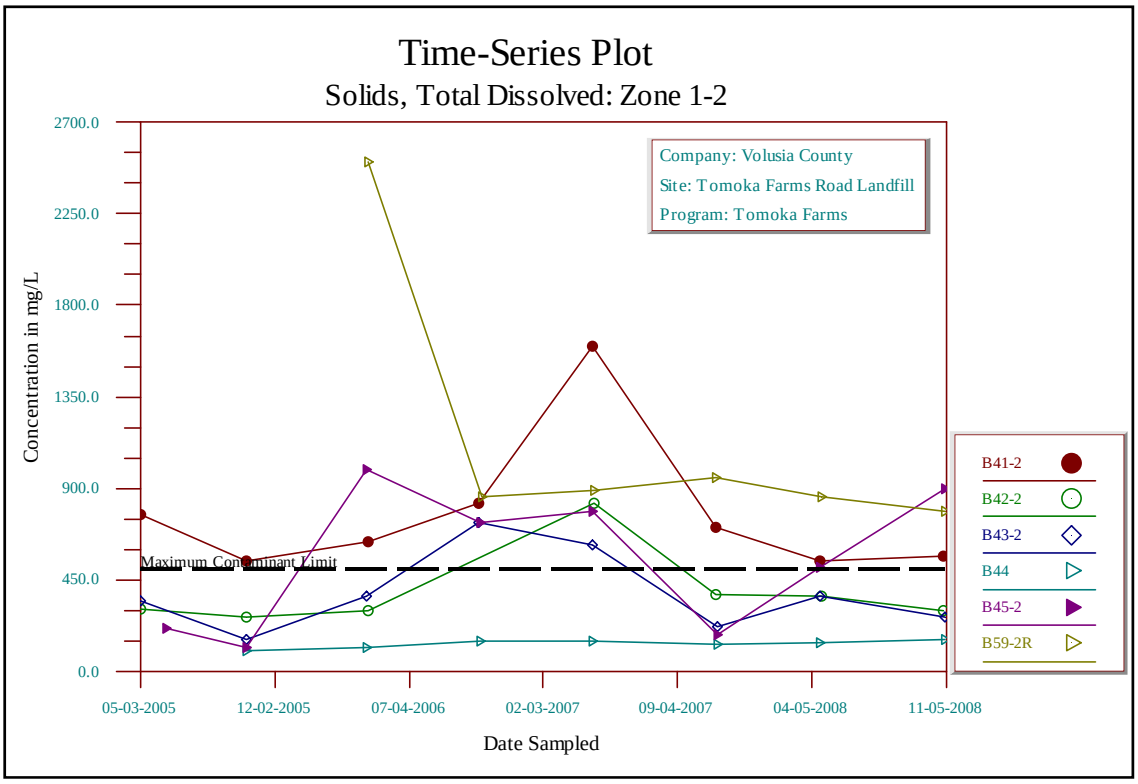

Time-Series Plot
Sulfate: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
800.0
600.0
400.0
200.0
0.0
-200.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

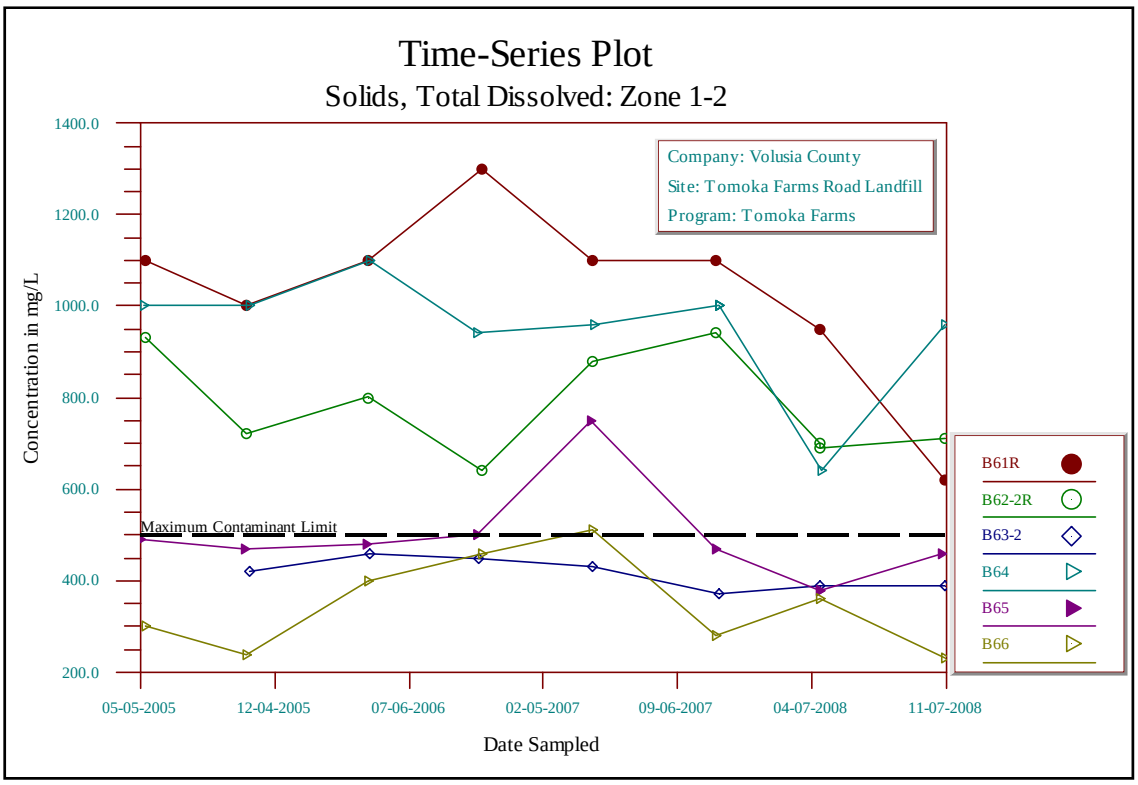

Time-Series Plot
Sulfate: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
375.0
300.0
225.0
150.0
75.0
0.0
-75.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

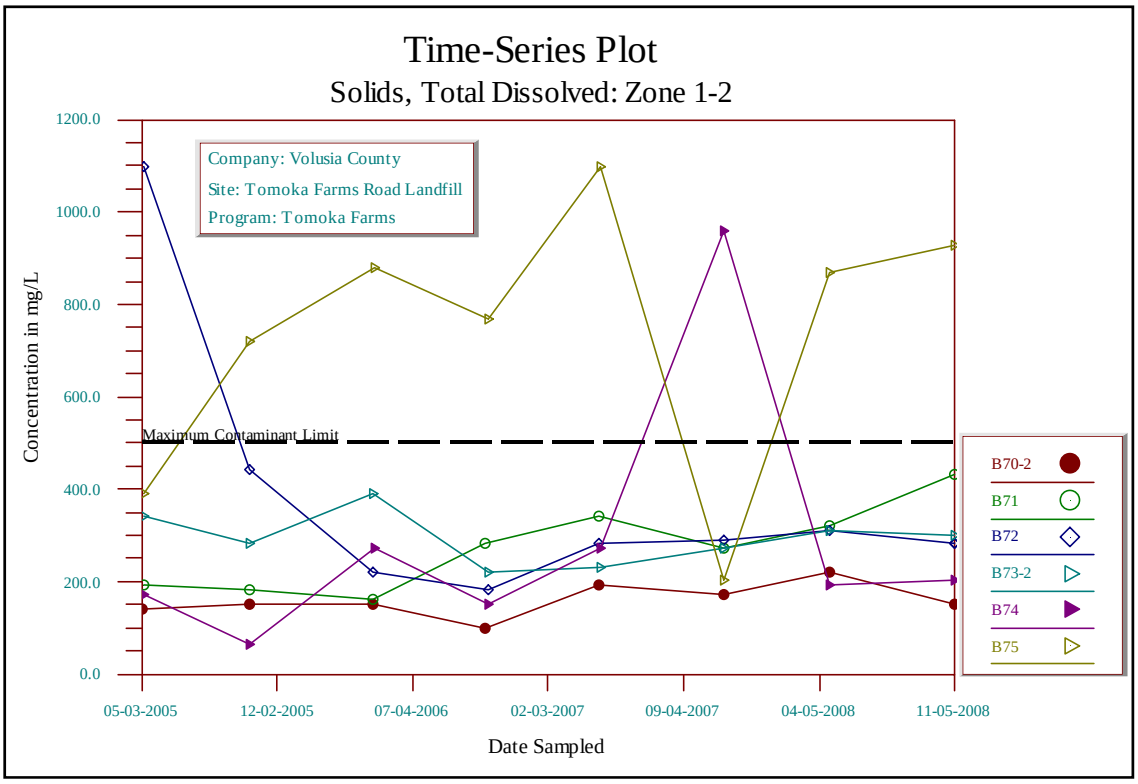

Time-Series Plot
Sulfate: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
800.0
600.0
400.0
200.0
0.0
-200.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75

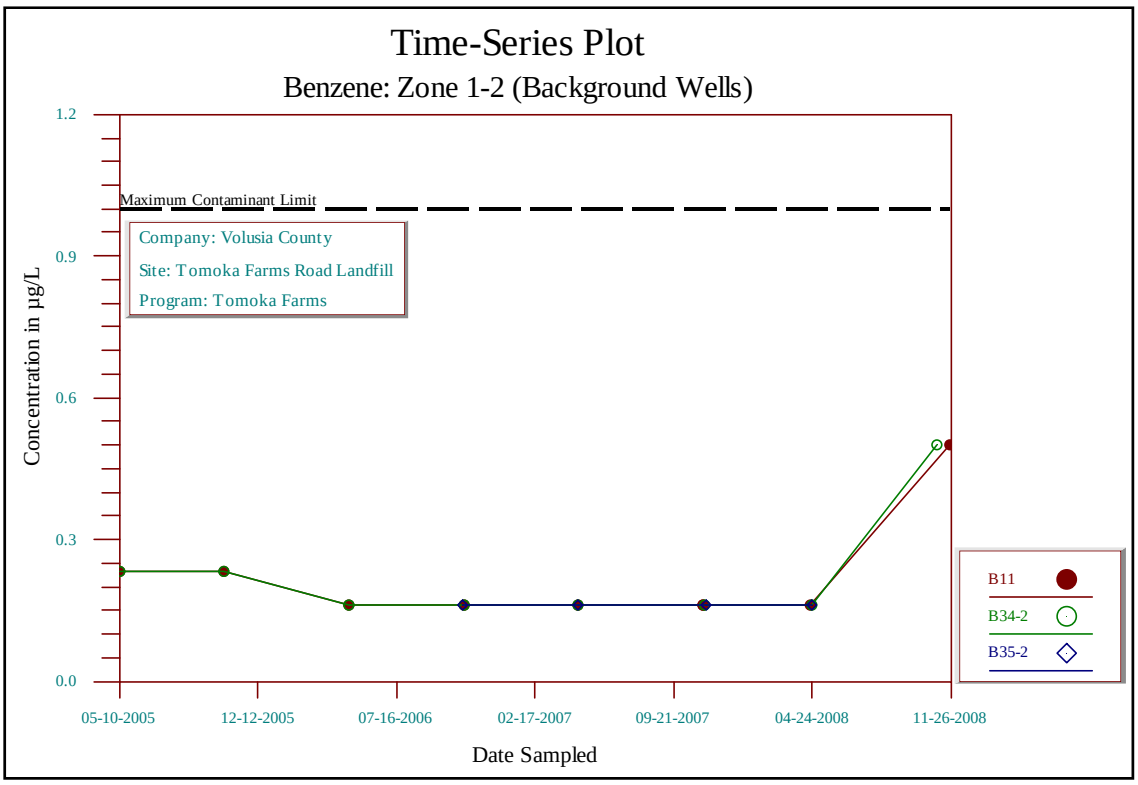

Time-Series Plot
Solids, Total Dissolved: Zone 1-2 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
1200.0
1000.0
800.0
600.0
400.0
200.0
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-07-2007
04-07-2008
11-06-2008
Date Sampled
B11
B34-2
B35-2

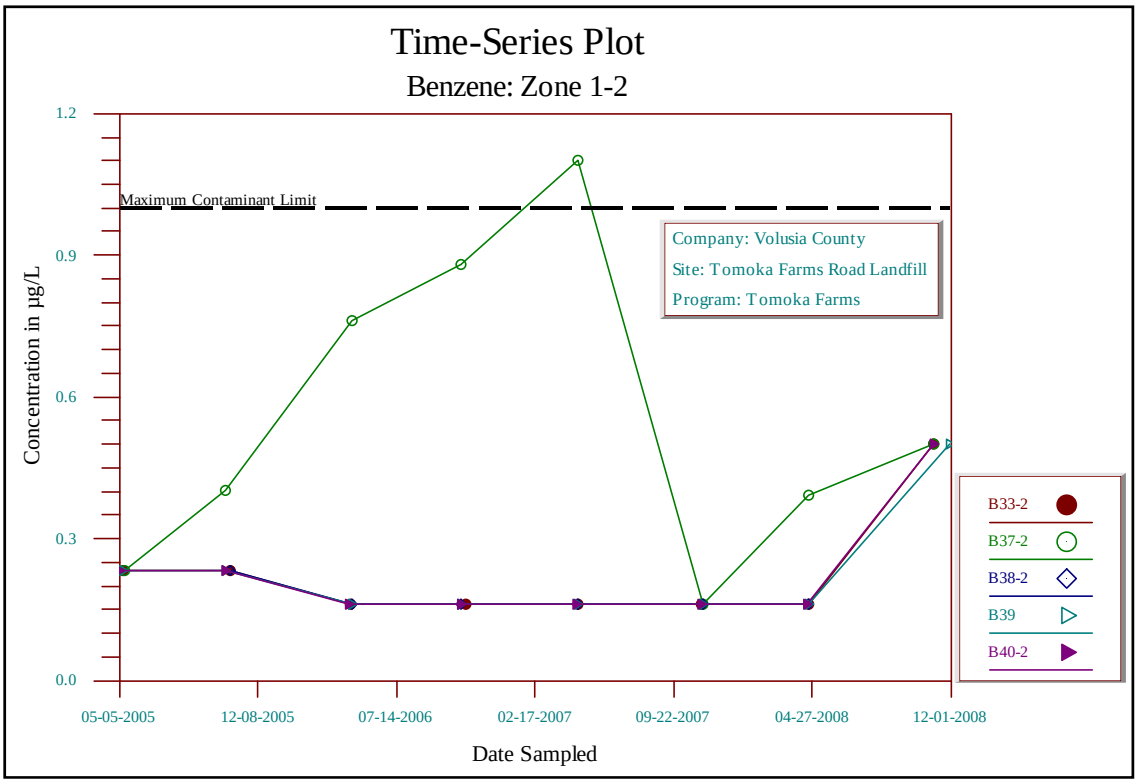

Time-Series Plot
Solids, Total Dissolved: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
4000.0
3000.0
2000.0
1000.0
0.0
Maximum Contaminant Limit
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

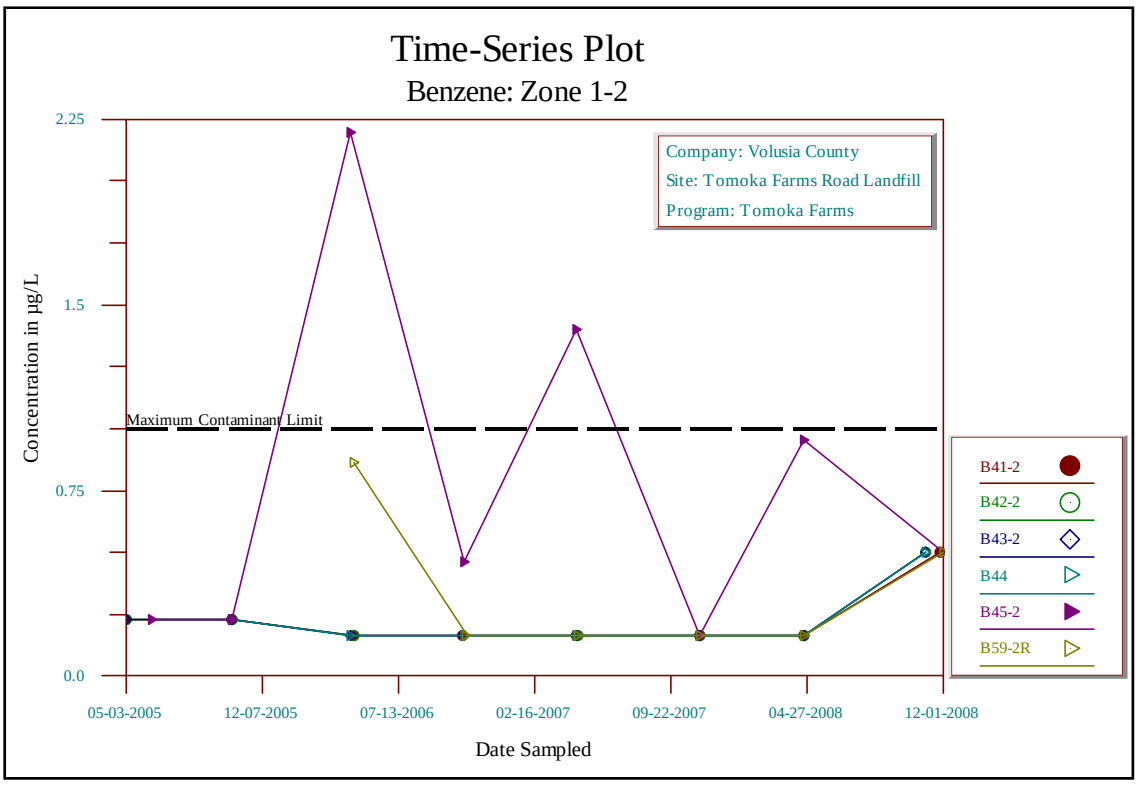

Time-Series Plot
Solids, Total Dissolved: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
2700.0
2250.0
1800.0
1350.0
900.0
450.0
0.0
Maximum Contaminant Limit
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

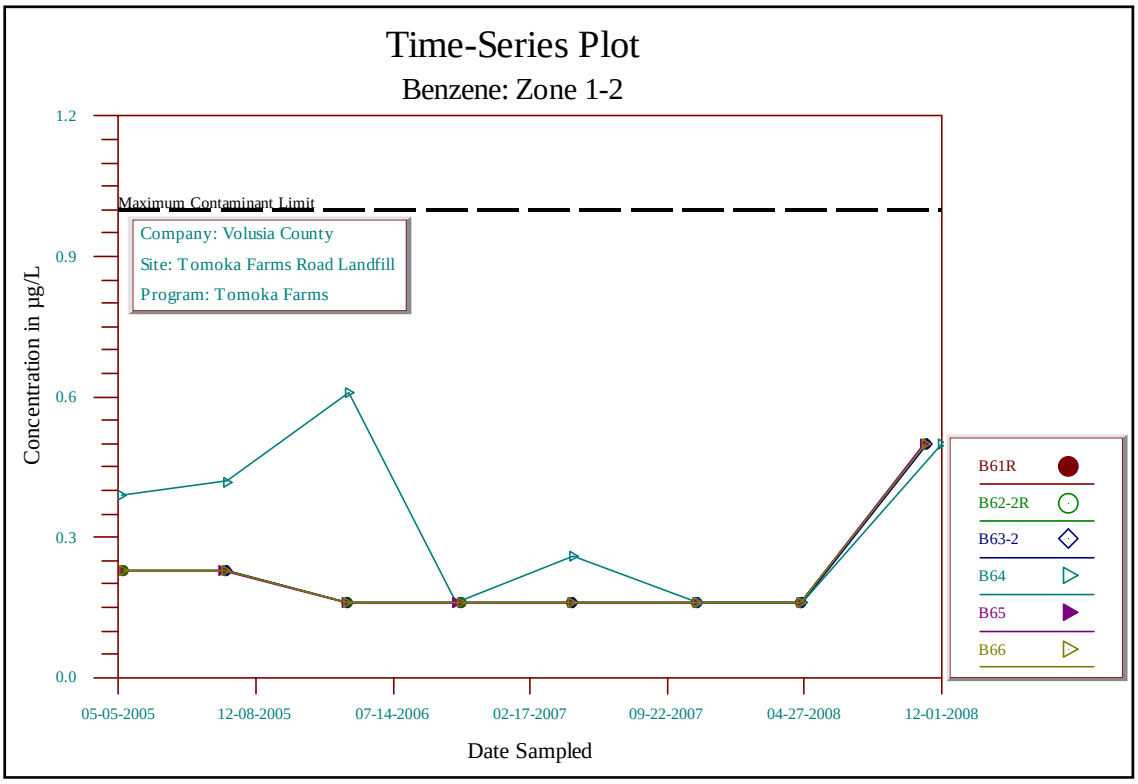

Time-Series Plot
Solids, Total Dissolved: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
1400.0
1200.0
1000.0
800.0
600.0
400.0
200.0
05-05-2005
12-04-2005
07-06-2006
02-05-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

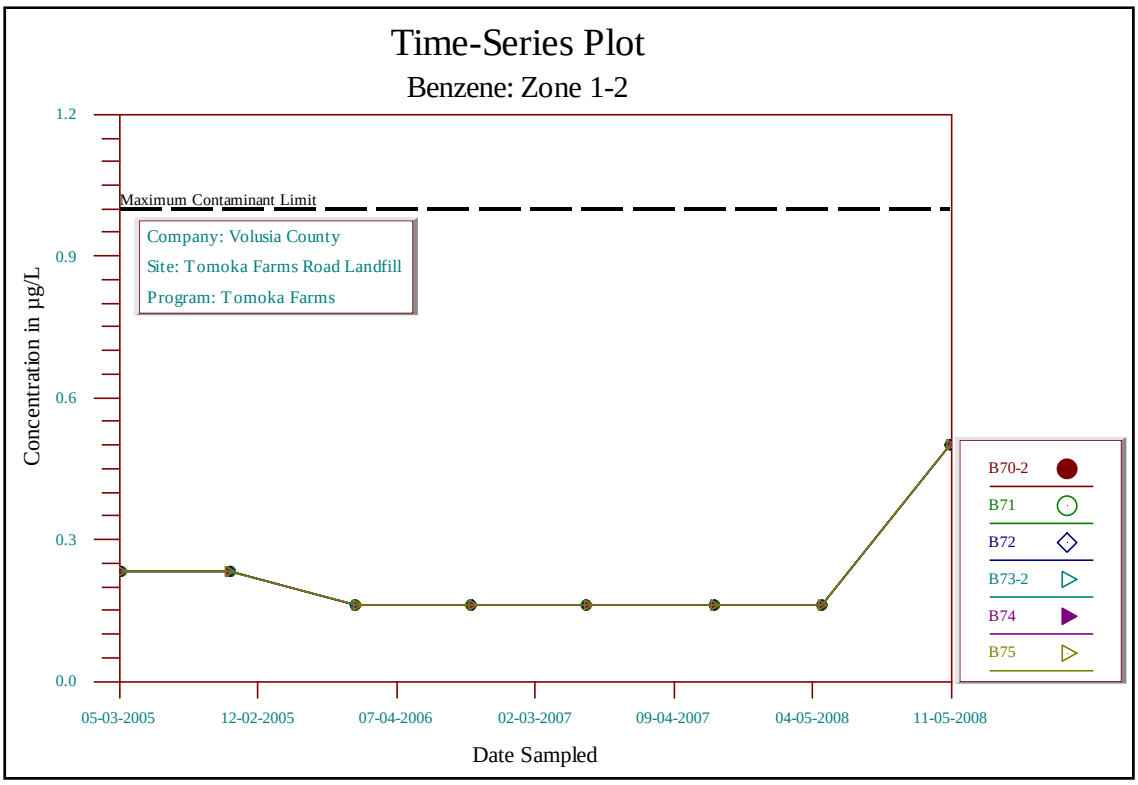

Time-Series Plot
Solids, Total Dissolved: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
1200.0
1000.0
800.0
600.0
400.0
200.0
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75

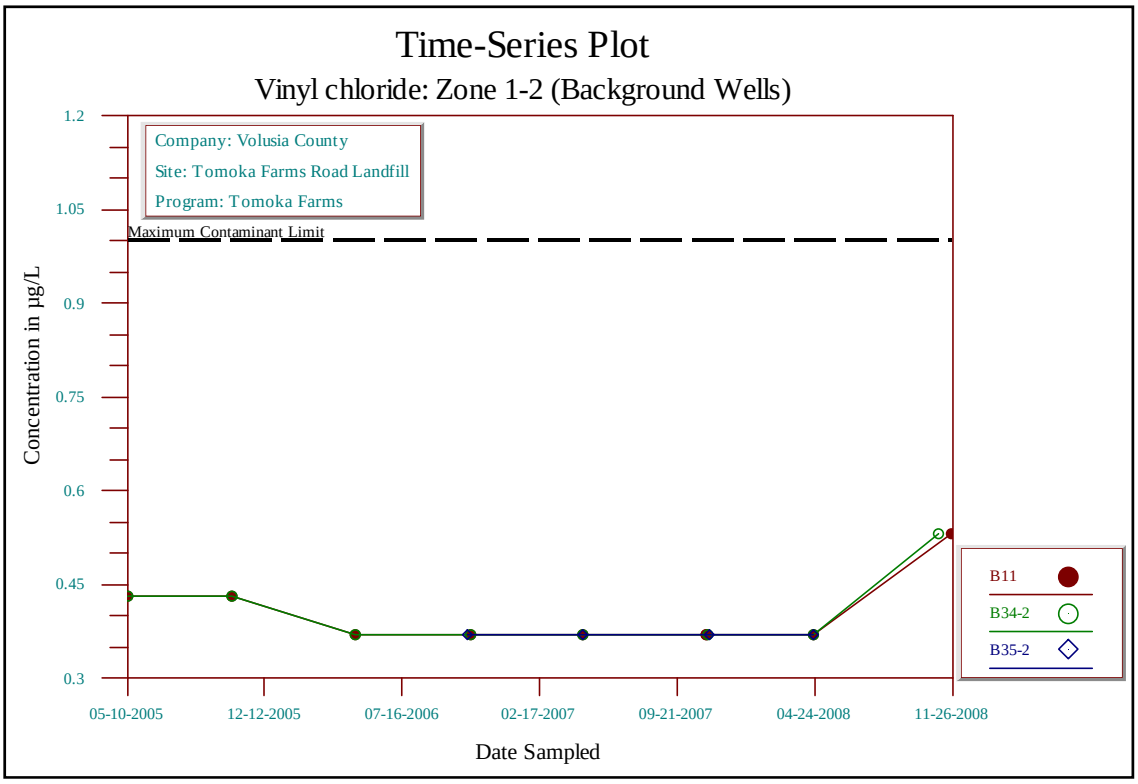

Time-Series Plot
Benzene: Zone 1-2 (Background Wells)
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.2
0.9
0.6
0.3
0.0
05-10-2005
12-12-2005
07-16-2006
02-17-2007
09-21-2007
04-24-2008
11-26-2008
Date Sampled
B11
B34-2
B35-2

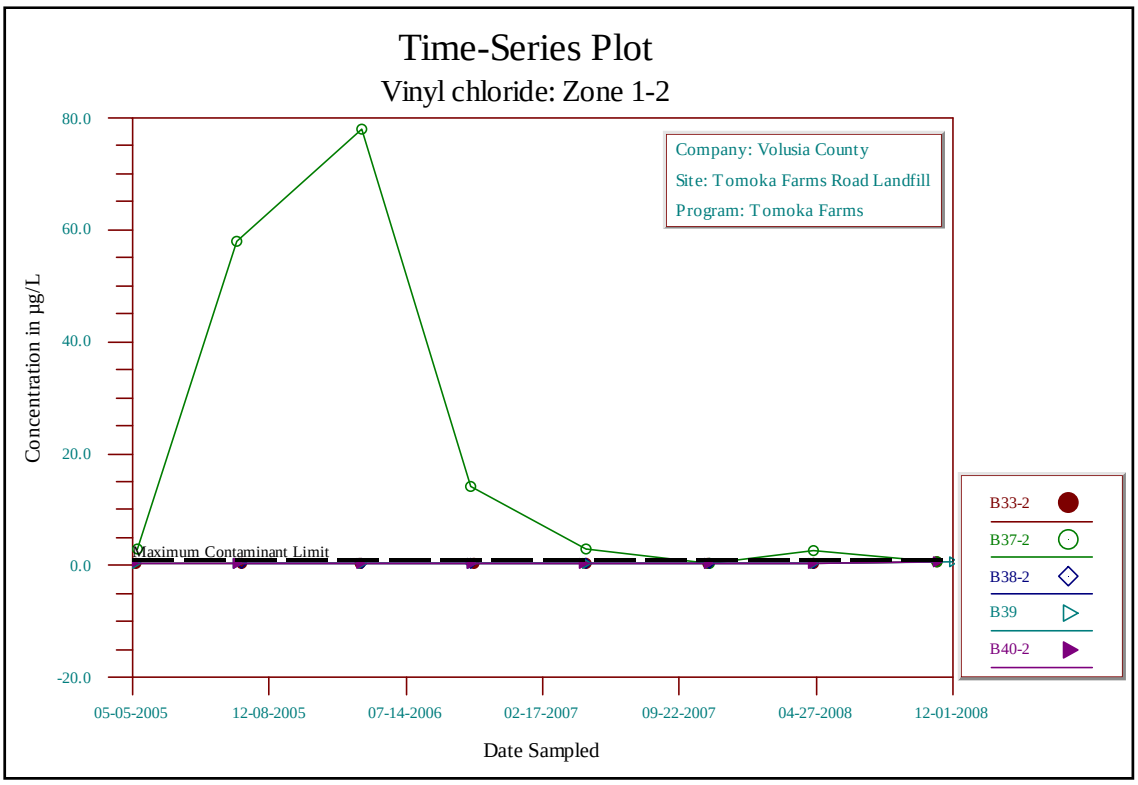

Time-Series Plot
Benzene: Zone 1-2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.2
0.9
0.6
0.3
0.0
05-05-2005
12-08-2005
07-14-2006
02-17-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

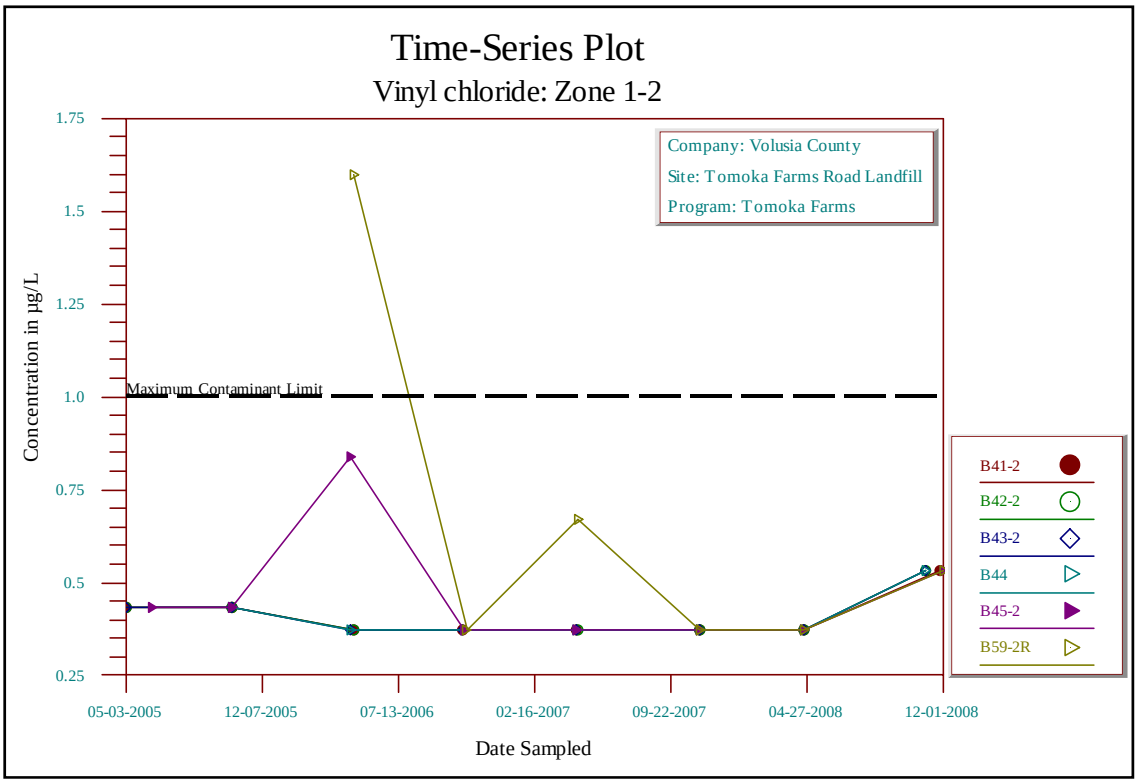

Time-Series Plot
Benzene: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
2.25
1.5
0.75
0.0
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

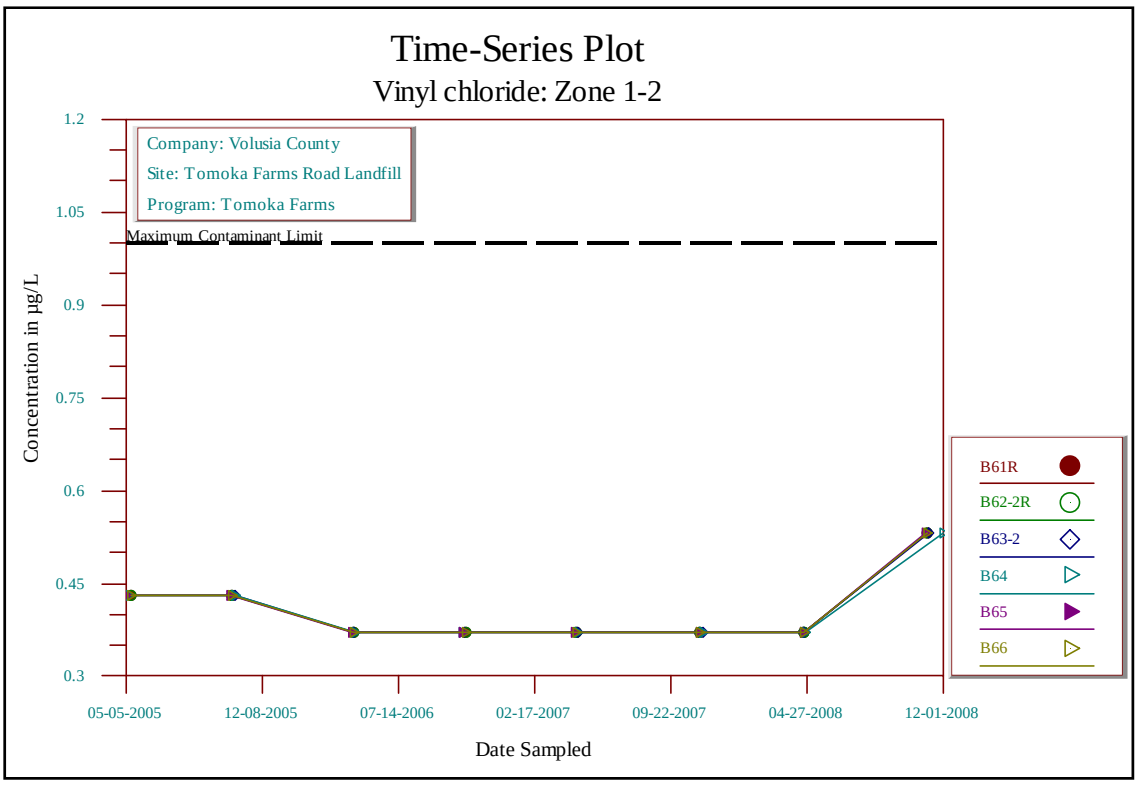

Time-Series Plot
Benzene: Zone 1-2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.2
0.9
0.6
0.3
0.0
05-05-2005
12-08-2005
07-14-2006
02-17-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

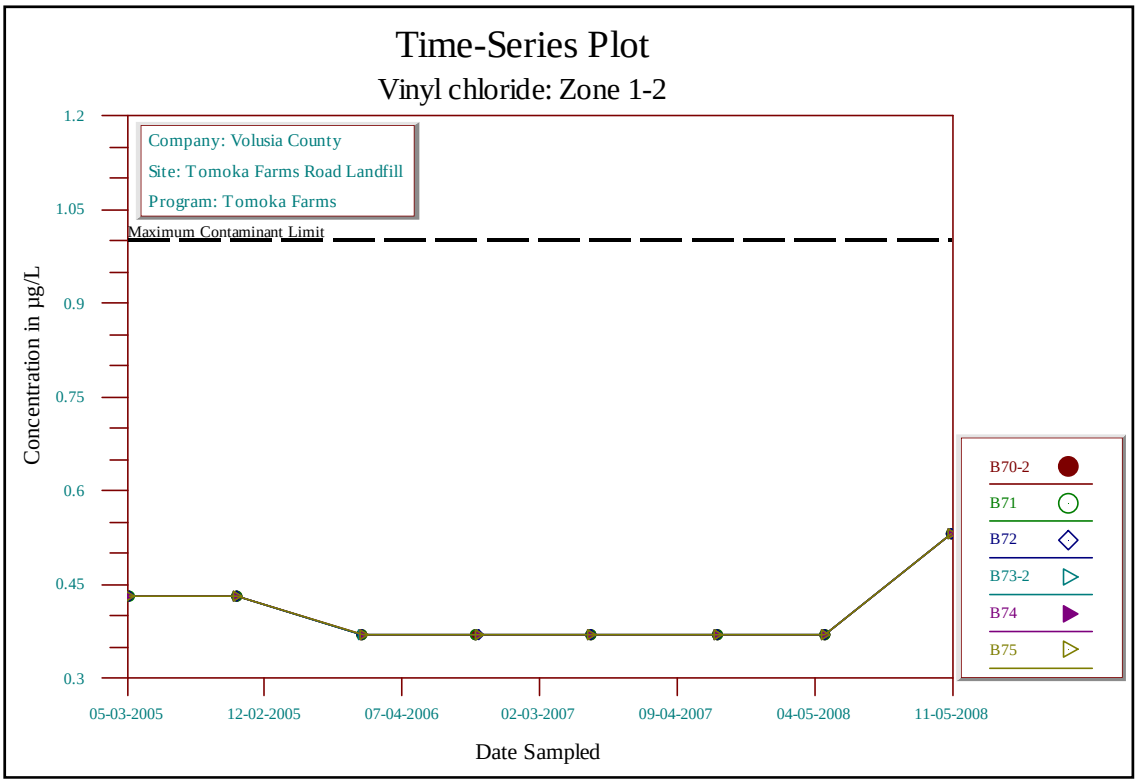

Time-Series Plot
Benzene: Zone 1-2
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.2
0.9
0.6
0.3
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75


Time-Series Plot
Vinyl chloride: Zone 1-2 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
1.2
1.05
0.9
0.75
0.6
0.45
0.3
05-10-2005
12-12-2005
07-16-2006
02-17-2007
09-21-2007
04-24-2008
11-26-2008
Date Sampled
B11
B34-2
B35-2

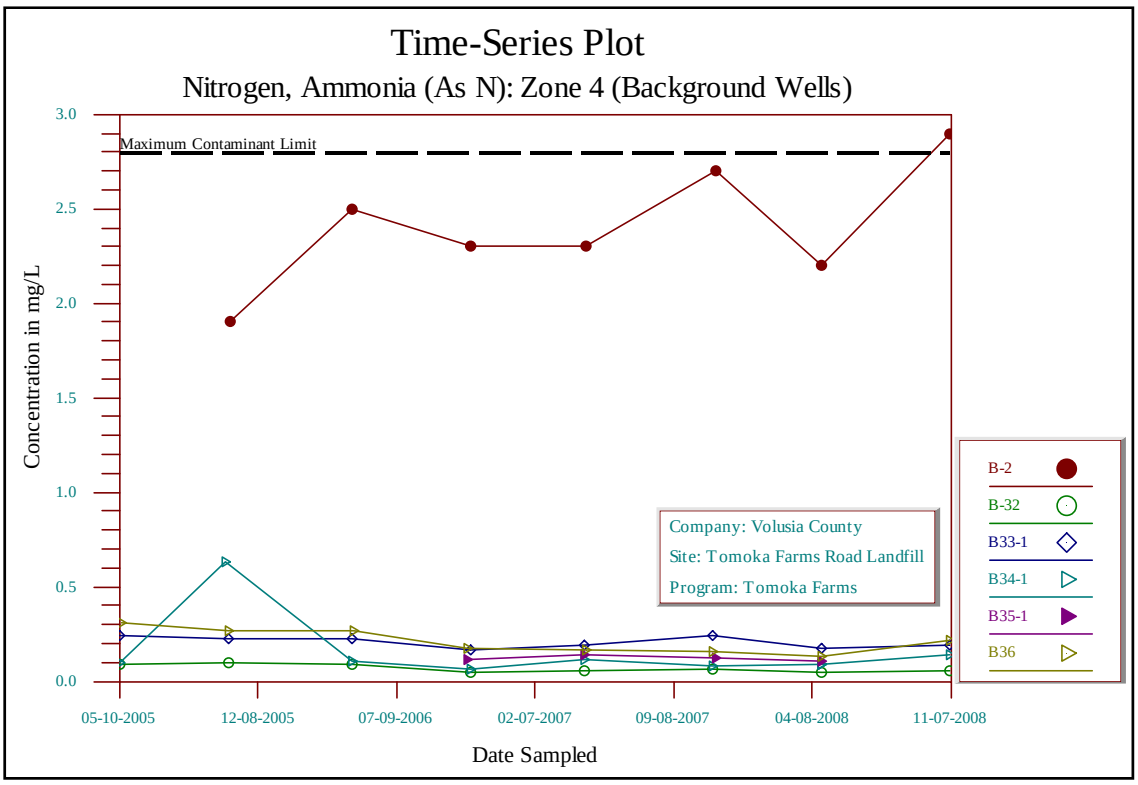

Time-Series Plot
Vinyl chloride: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
80.0
60.0
40.0
20.0
0.0
-20.0
05-05-2005
12-08-2005
07-14-2006
02-17-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B33-2
B37-2
B38-2
B39
B40-2

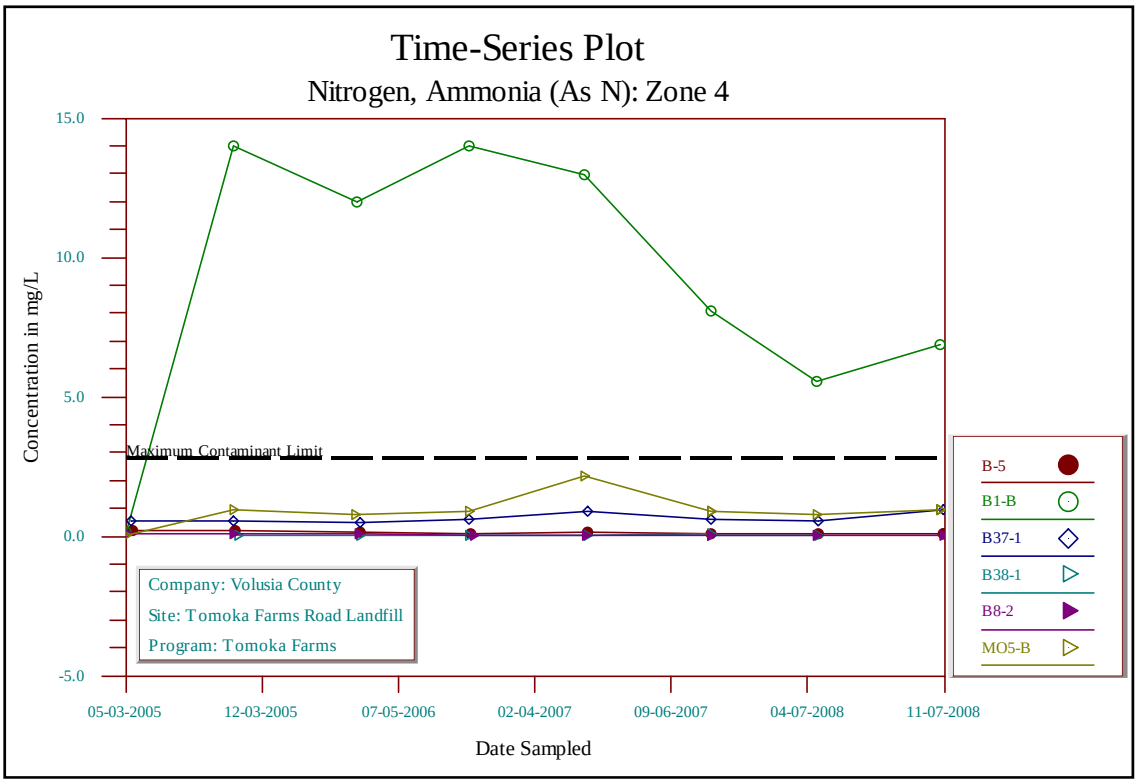

Time-Series Plot
Vinyl chloride: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
1.75
1.5
1.25
1.0
0.75
0.5
0.25
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B41-2
B42-2
B43-2
B44
B45-2
B59-2R

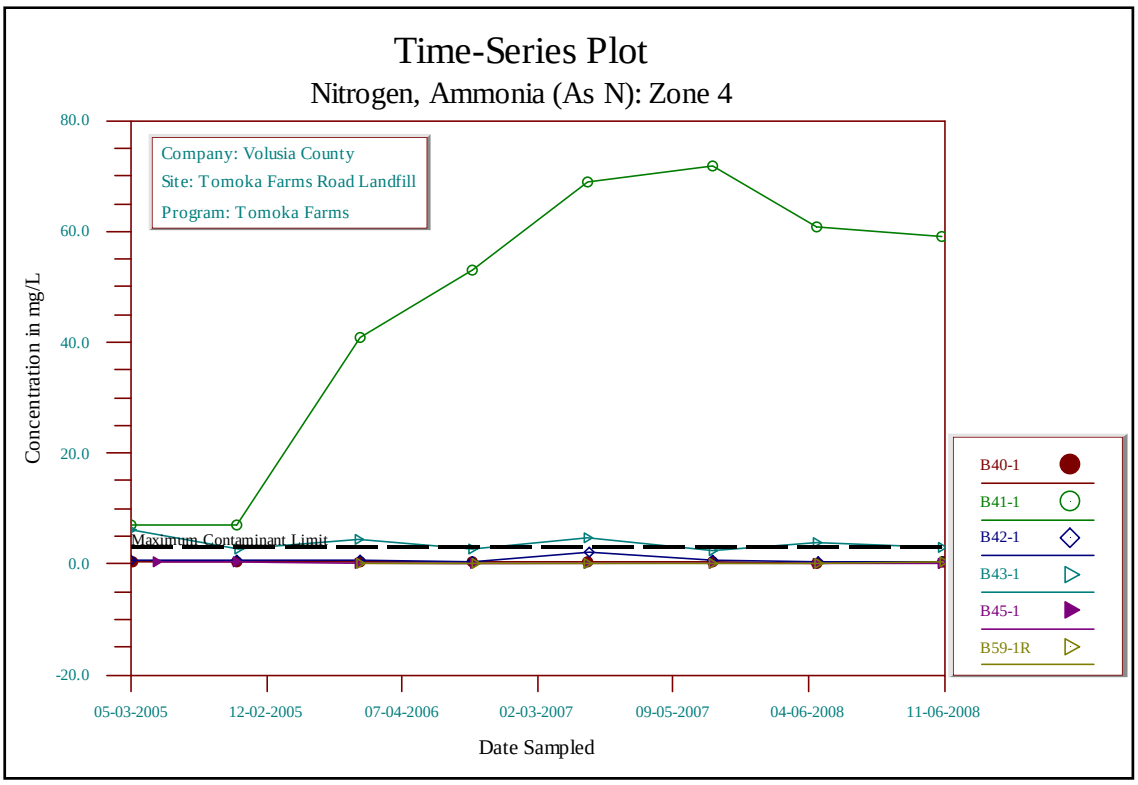

Time-Series Plot
Vinyl chloride: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
1.2
1.05
0.9
0.75
0.6
0.45
0.3
05-05-2005
12-08-2005
07-14-2006
02-17-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B61R
B62-2R
B63-2
B64
B65
B66

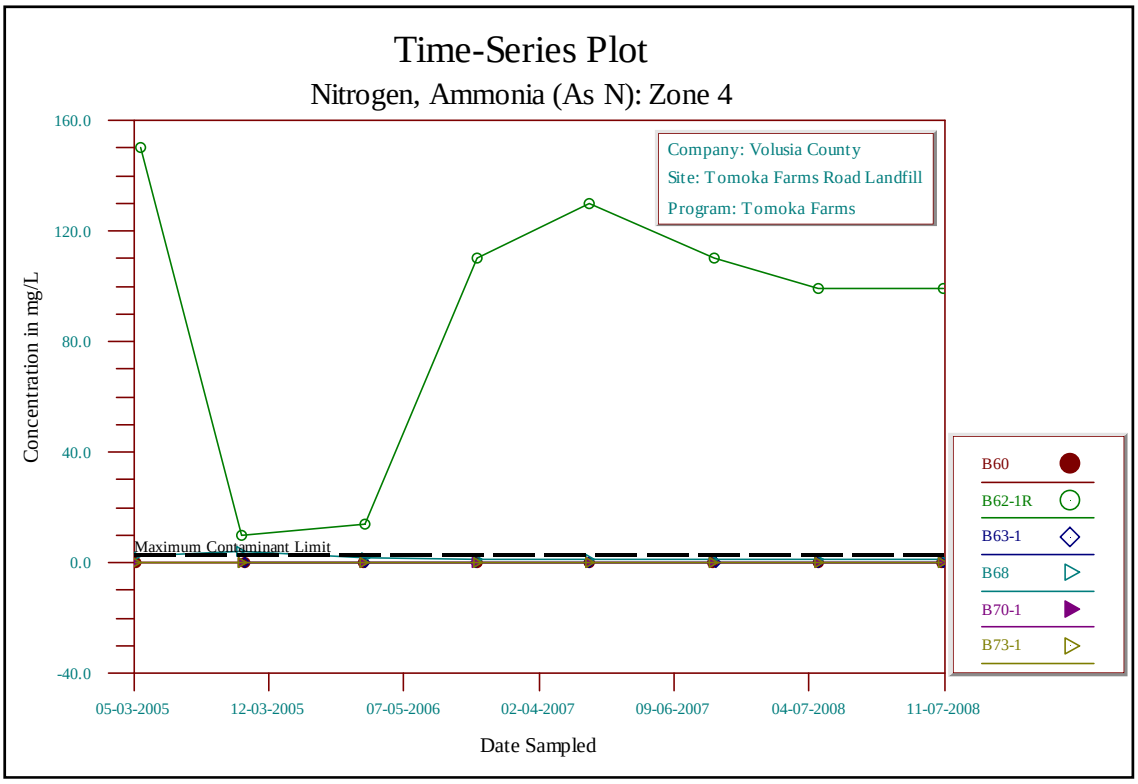

Time-Series Plot
Vinyl chloride: Zone 1-2
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
1.2
1.05
0.9
0.75
0.6
0.45
0.3
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-04-2007
04-05-2008
11-05-2008
Date Sampled
B70-2
B71
B72
B73-2
B74
B75

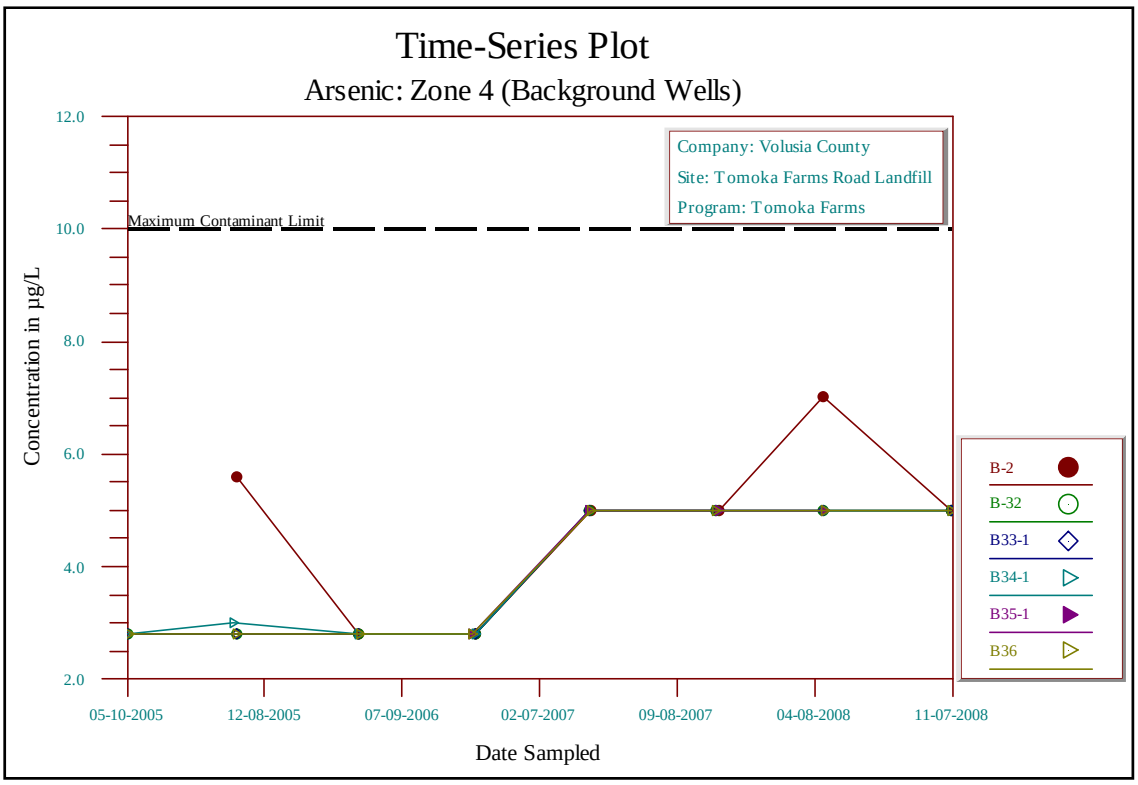
ZONE 4
GRAPHS

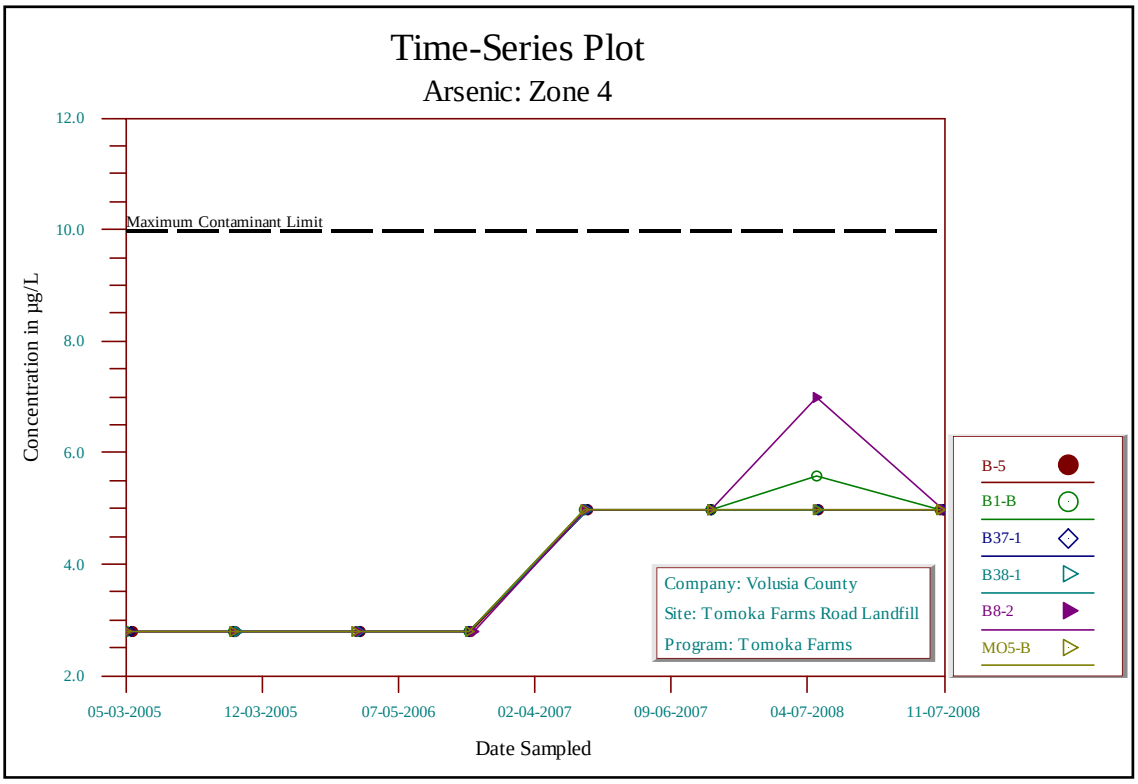

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 4 (Background Wells)
Maximum Contaminant Limit
Concentration in mg/L
3.0
2.5
2.0
1.5
1.0
0.5
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B-2
B-32
B33-1
B34-1
B35-1
B36

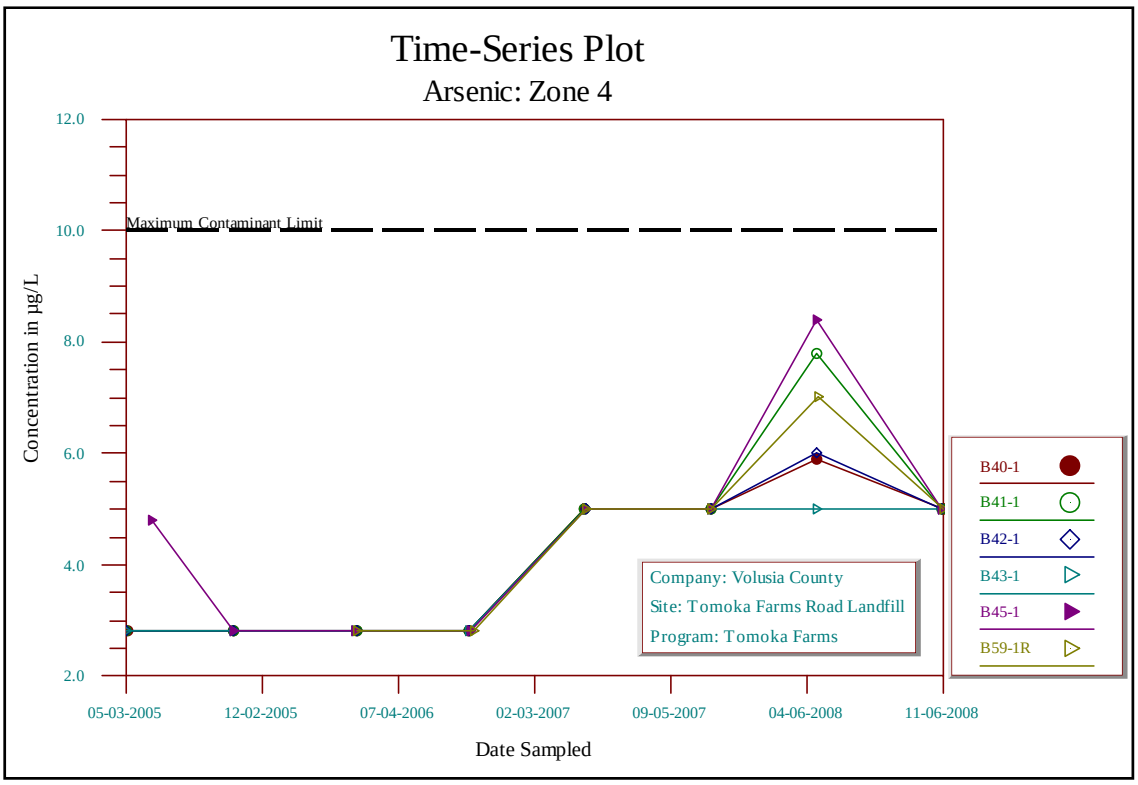

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 4
Maximum Contaminant Limit
Concentration in mg/L
15.0
10.0
5.0
0.0
-5.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

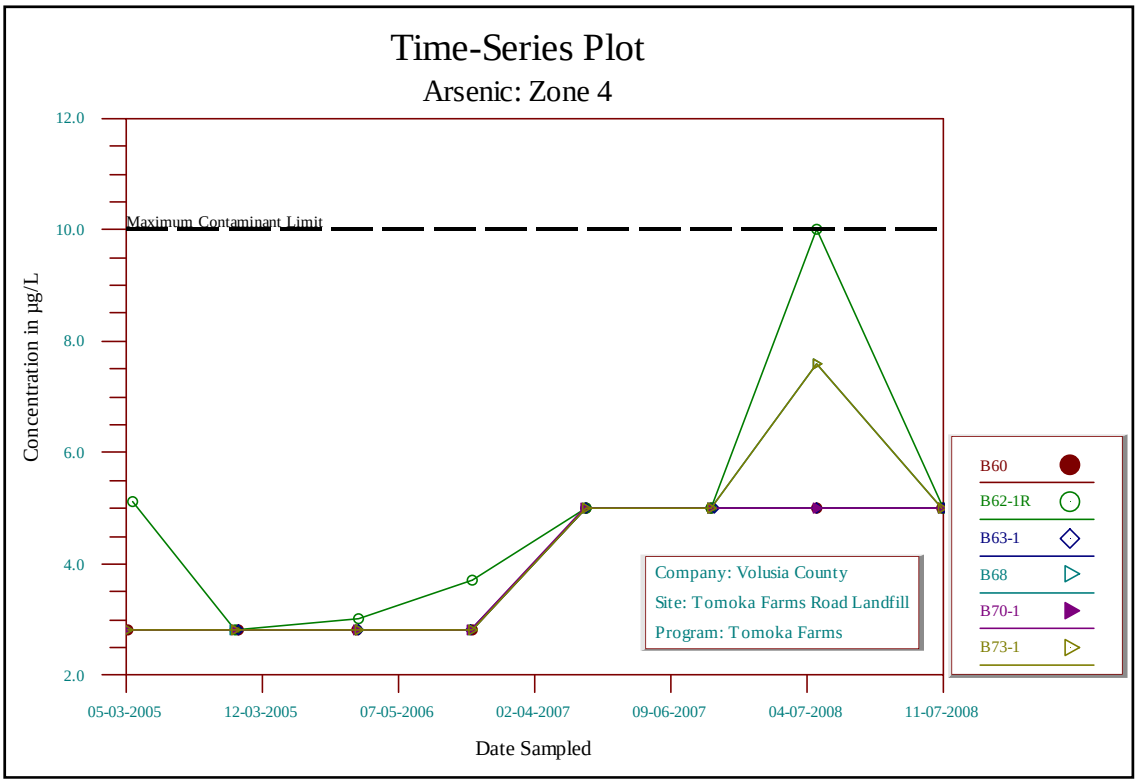

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
80.0
60.0
40.0
20.0
0.0
-20.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

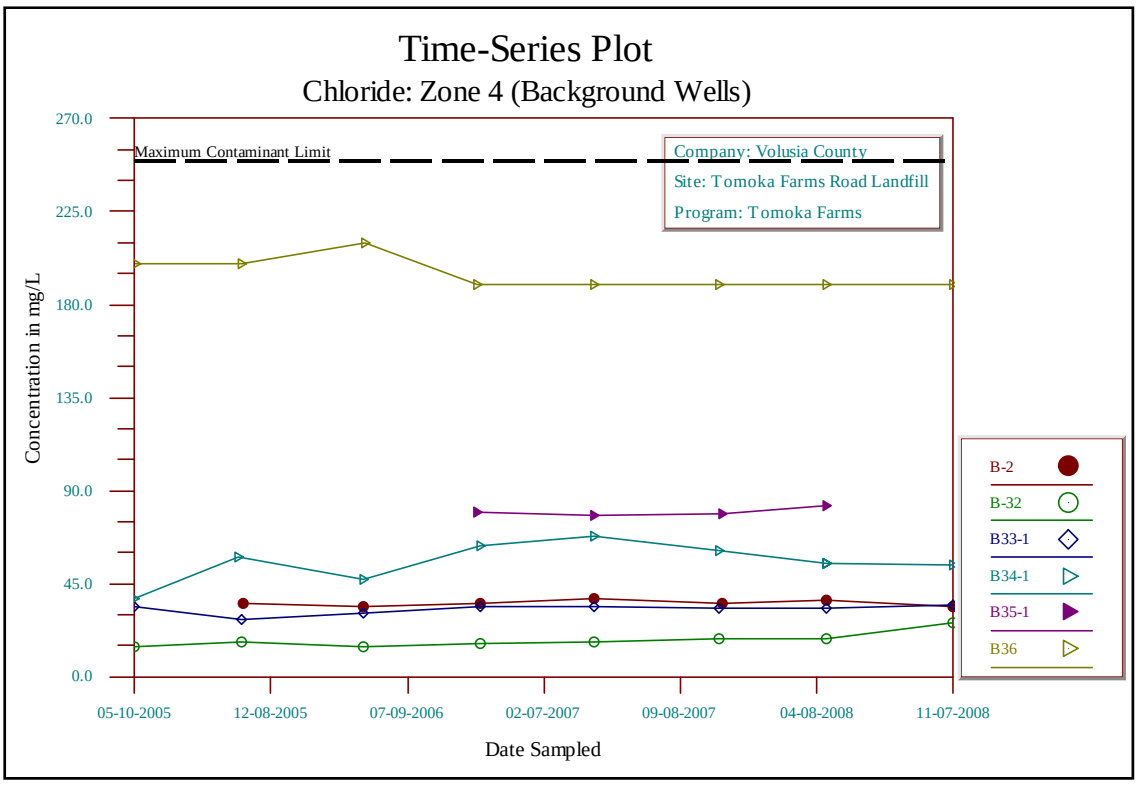

Time-Series Plot
Nitrogen, Ammonia (As N): Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
160.0
120.0
80.0
40.0
0.0
-40.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

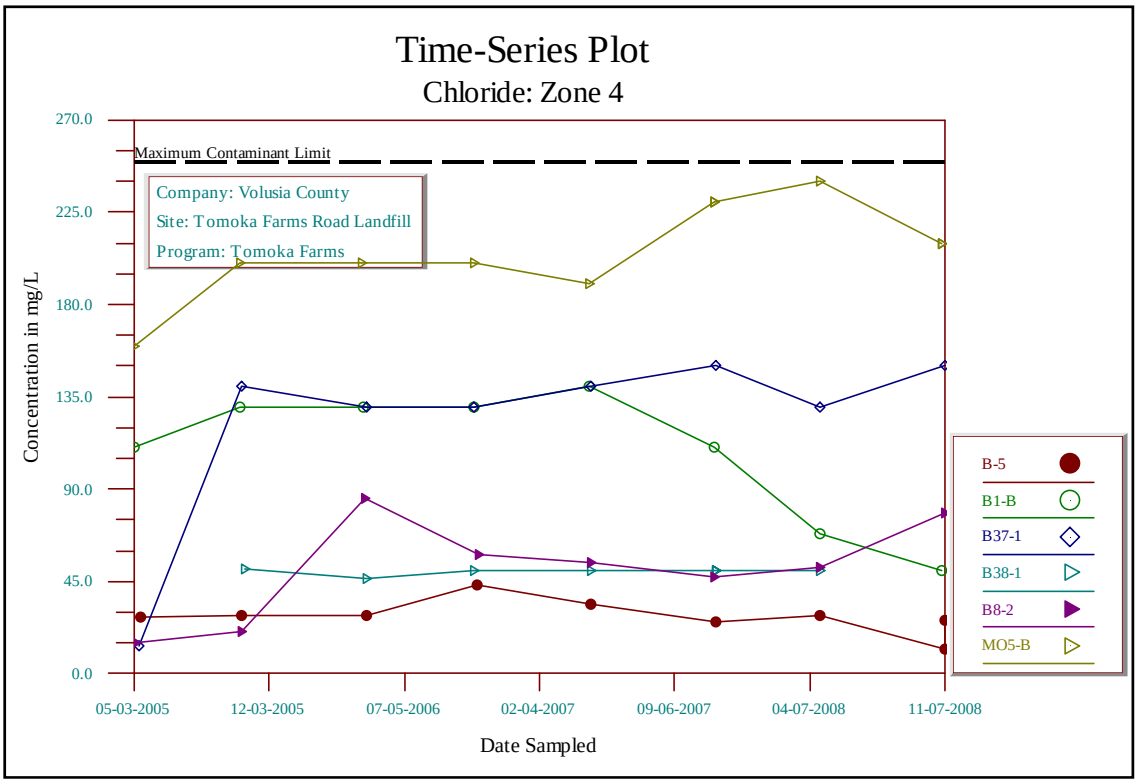

Time-Series Plot
Arsenic: Zone 4 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

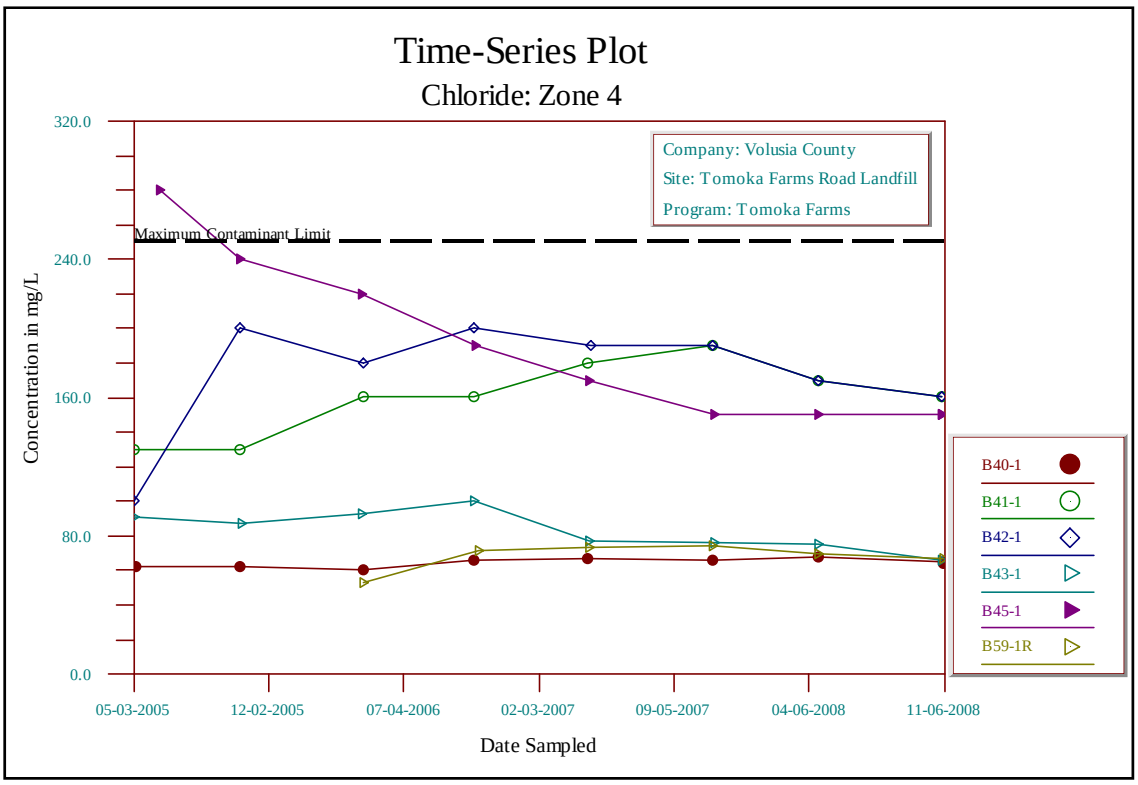

Time-Series Plot
Arsenic: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

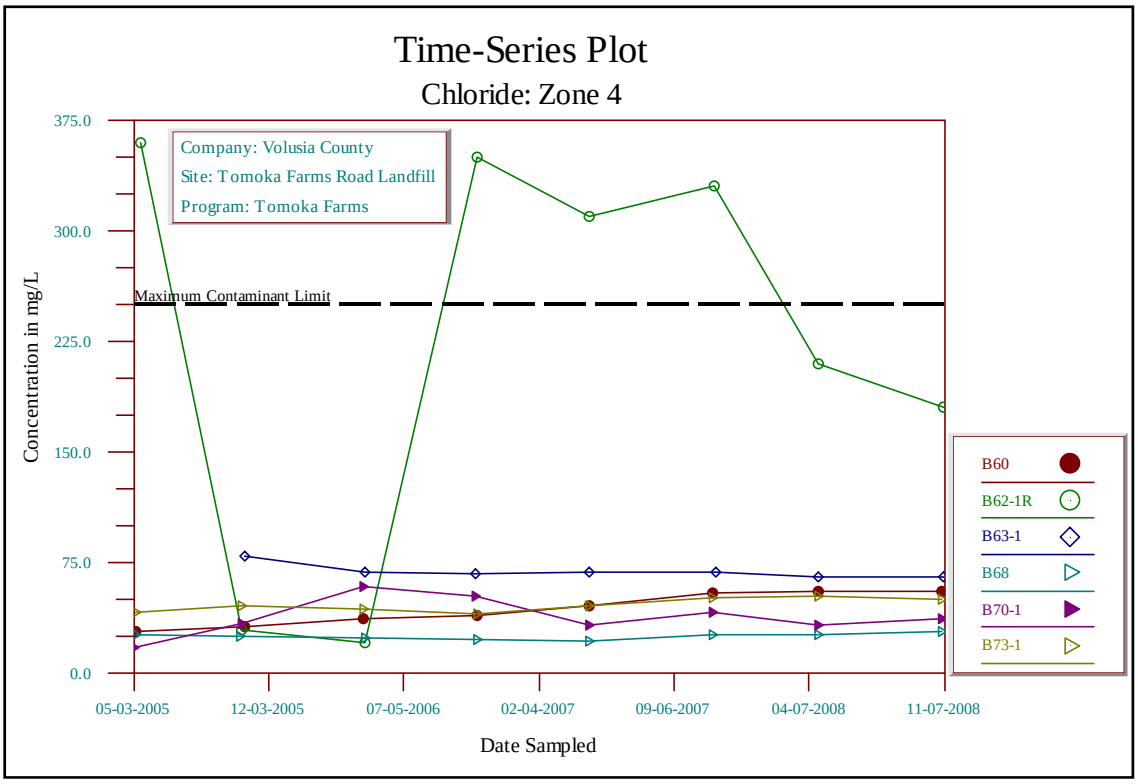

Time-Series Plot
Arsenic: Zone 4
Maximum Contaminant Limit
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

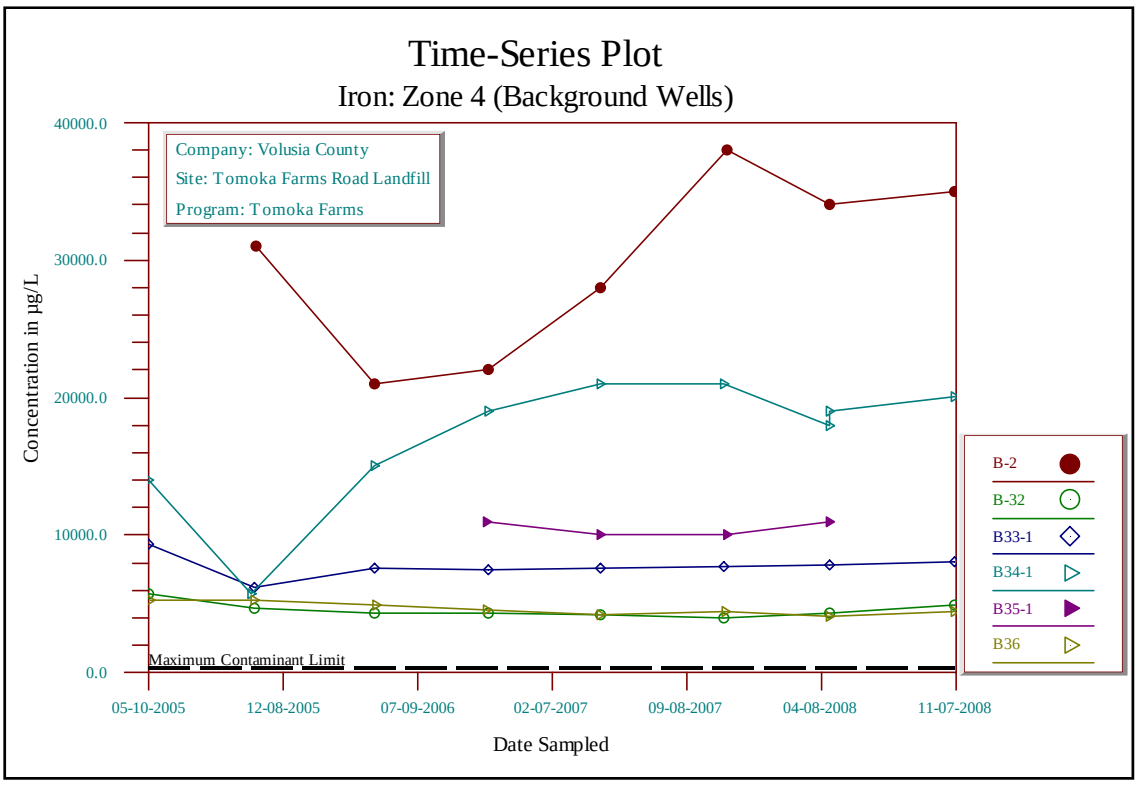

Time-Series Plot
Arsenic: Zone 4
Maximum Contaminant Limit
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
B60
B62-1R
B63-1
B68
B70-1
B73-1

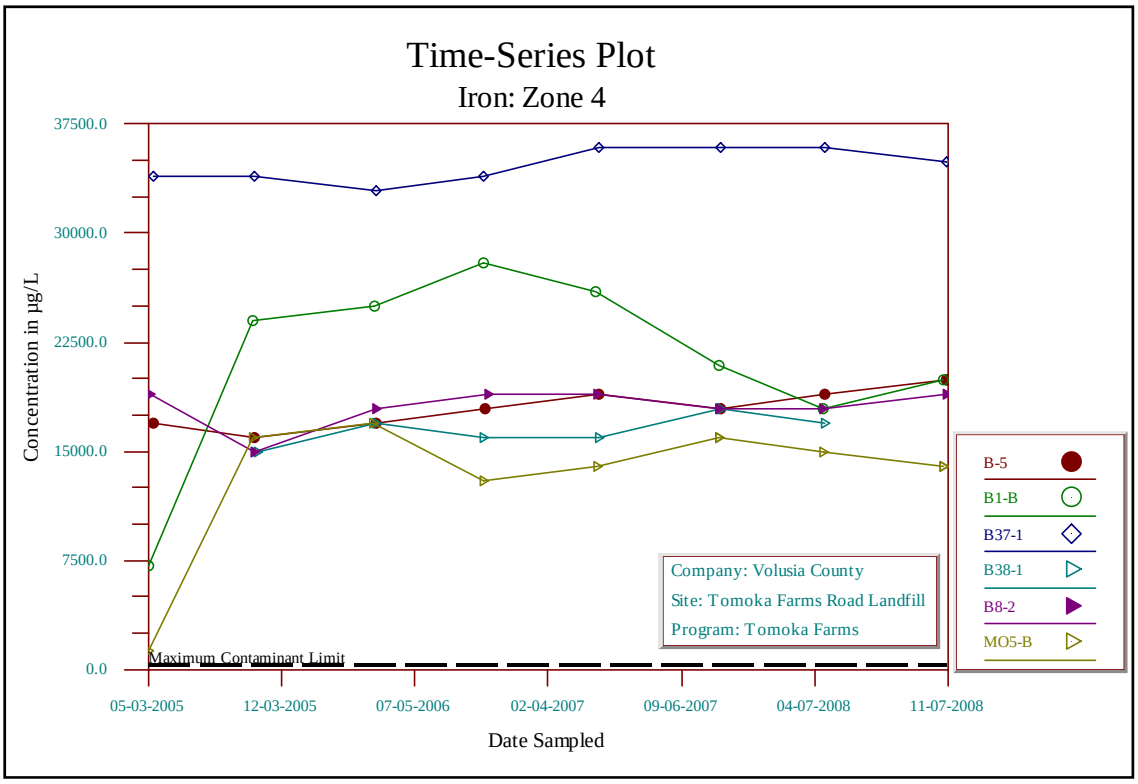

Time-Series Plot
Chloride: Zone 4 (Background Wells)
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
270.0
225.0
180.0
135.0
90.0
45.0
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

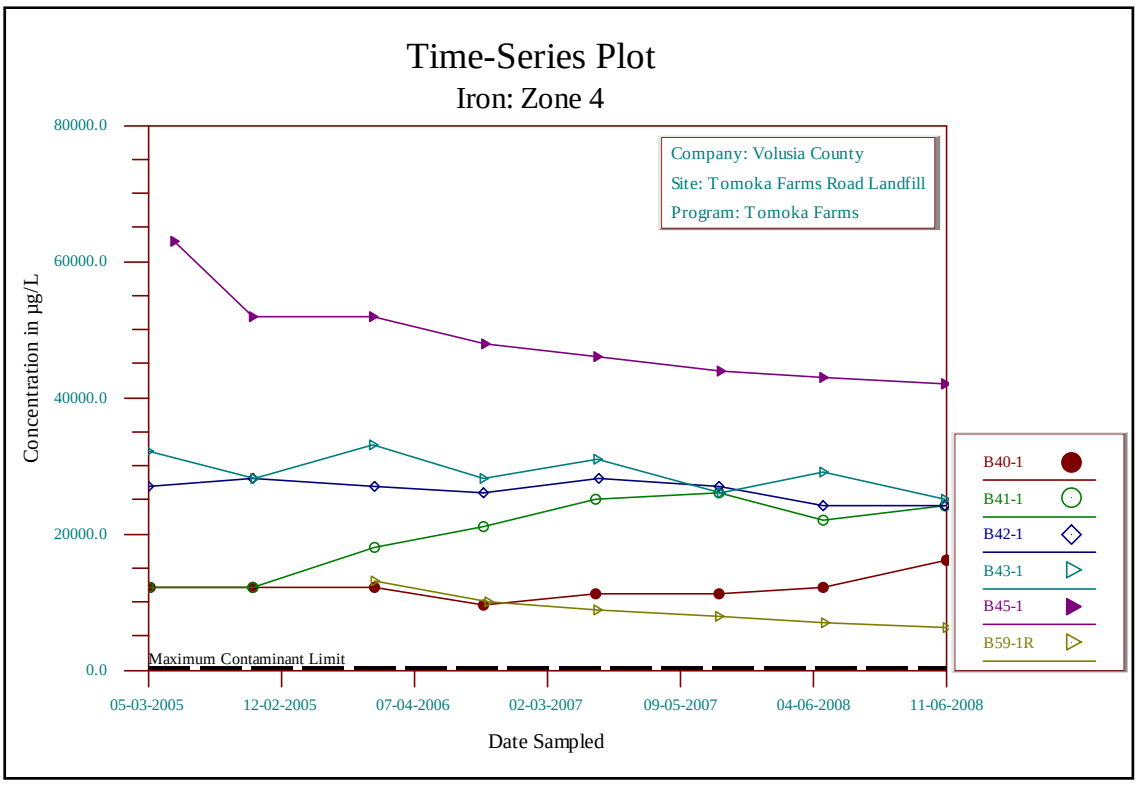

Time-Series Plot
Chloride: Zone 4
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
270.0
225.0
180.0
135.0
90.0
45.0
0.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

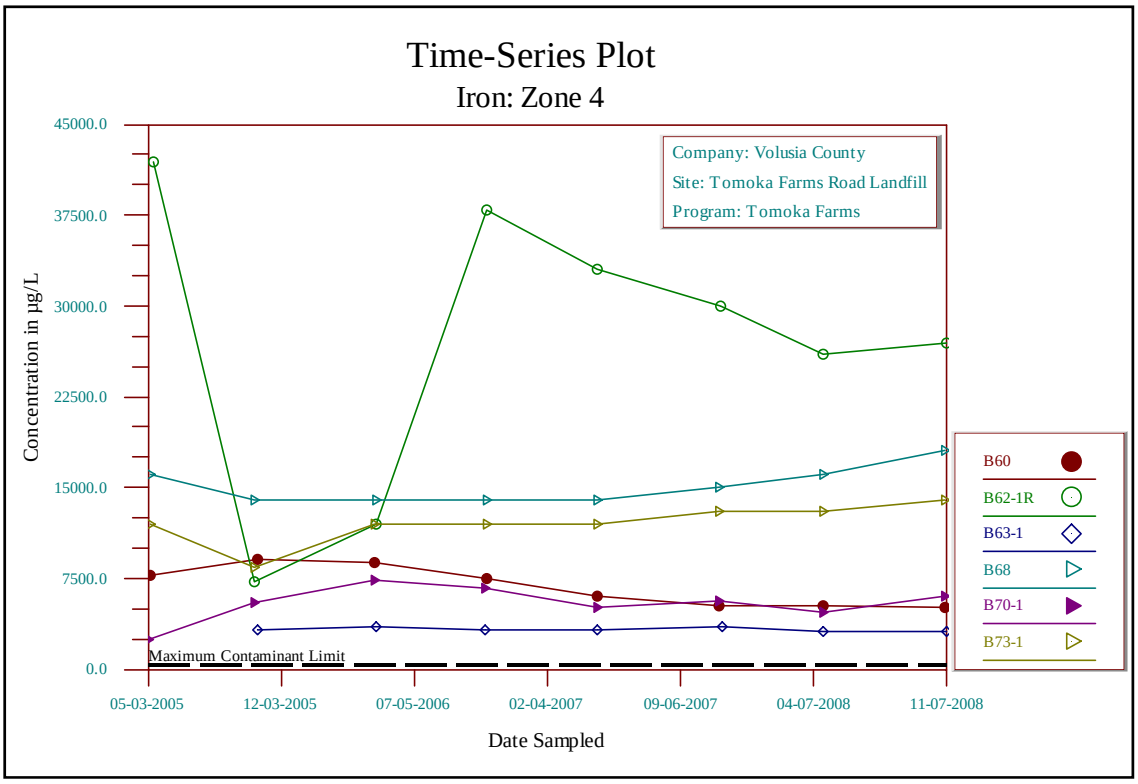

Time-Series Plot
Chloride: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
320.0
240.0
160.0
80.0
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

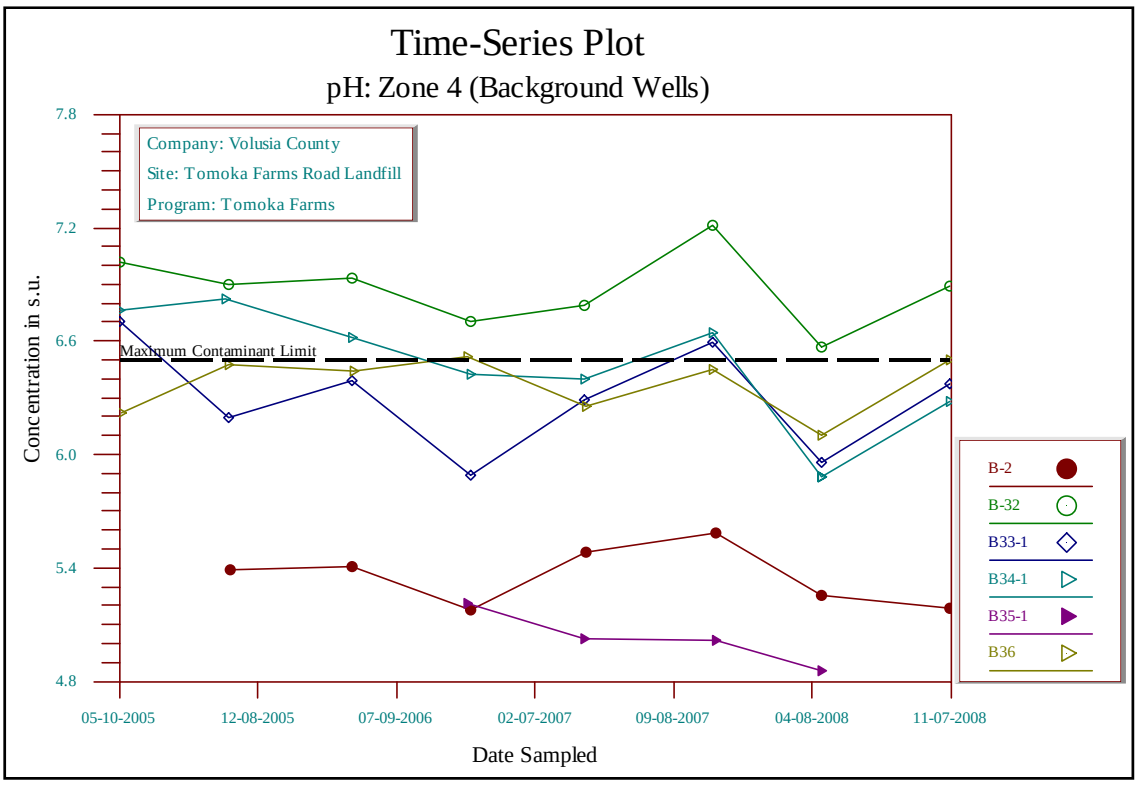

Time-Series Plot
Chloride: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
375.0
300.0
225.0
150.0
75.0
0.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

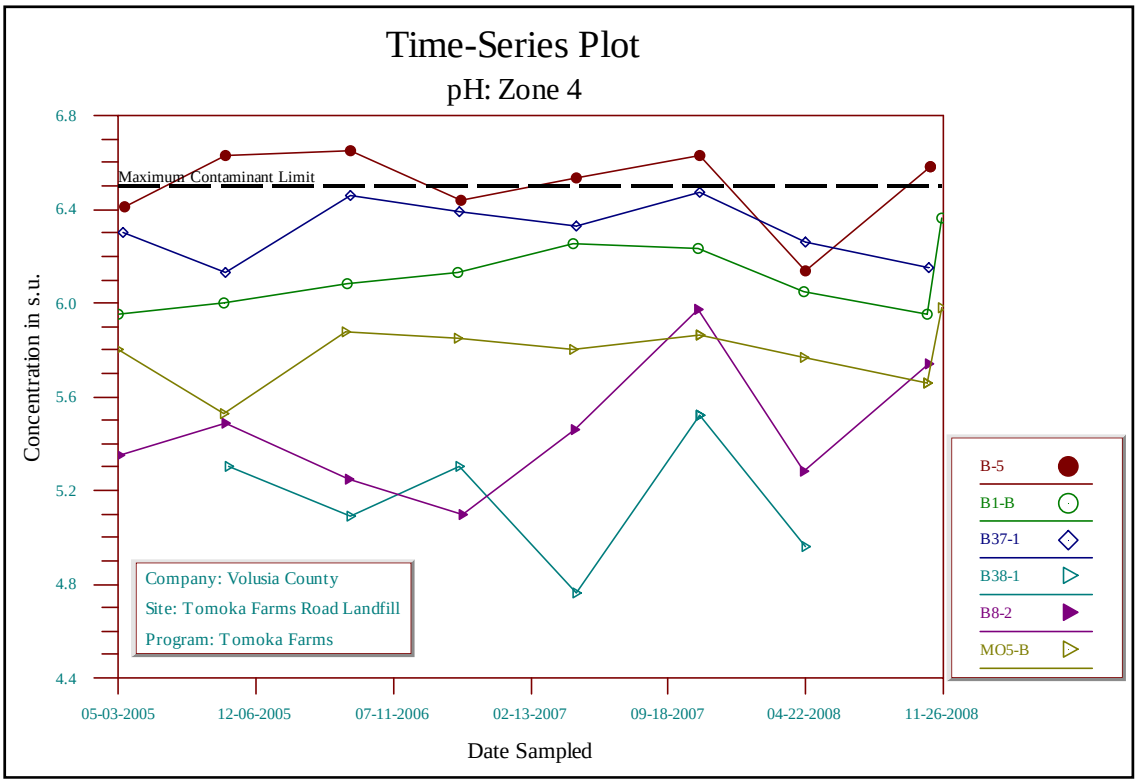

Time-Series Plot
Iron: Zone 4 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
40000.0
30000.0
20000.0
10000.0
0.0
Maximum Contaminant Limit
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

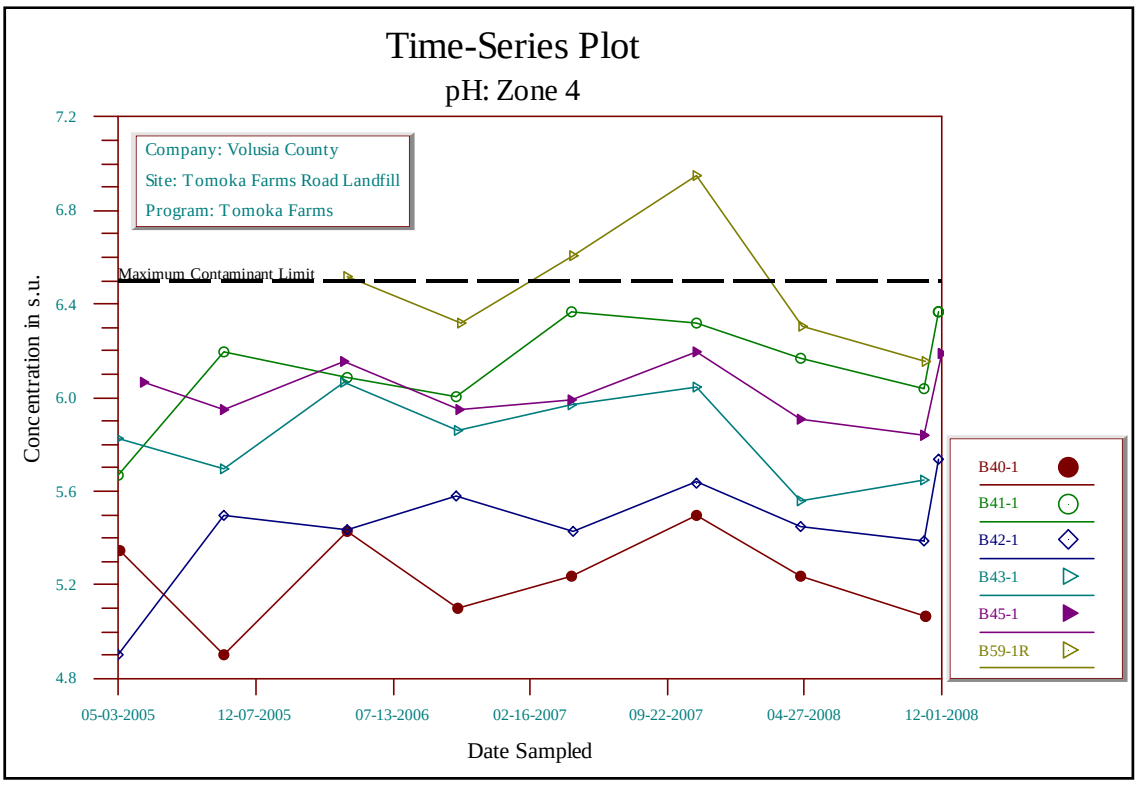

Time-Series Plot
Iron: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
37500.0
30000.0
22500.0
15000.0
7500.0
0.0
Maximum Contaminant Limit
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

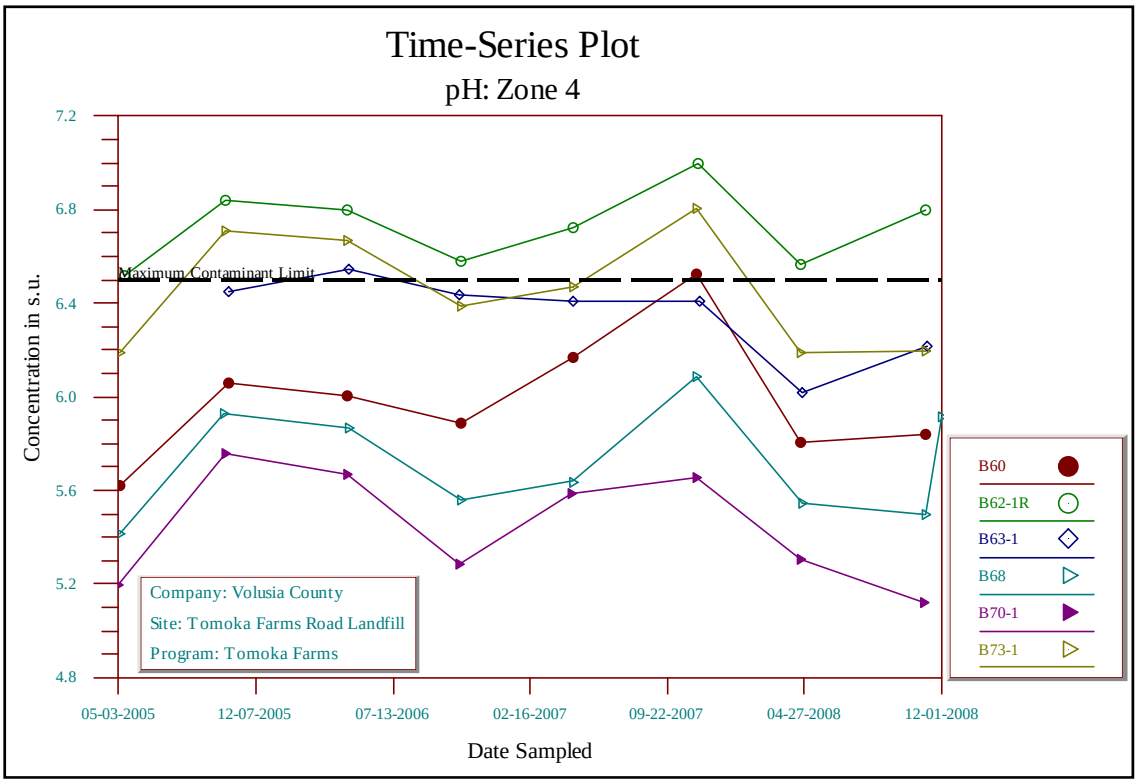

Time-Series Plot
Iron: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
80000.0
60000.0
40000.0
20000.0
0.0
Maximum Contaminant Limit
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

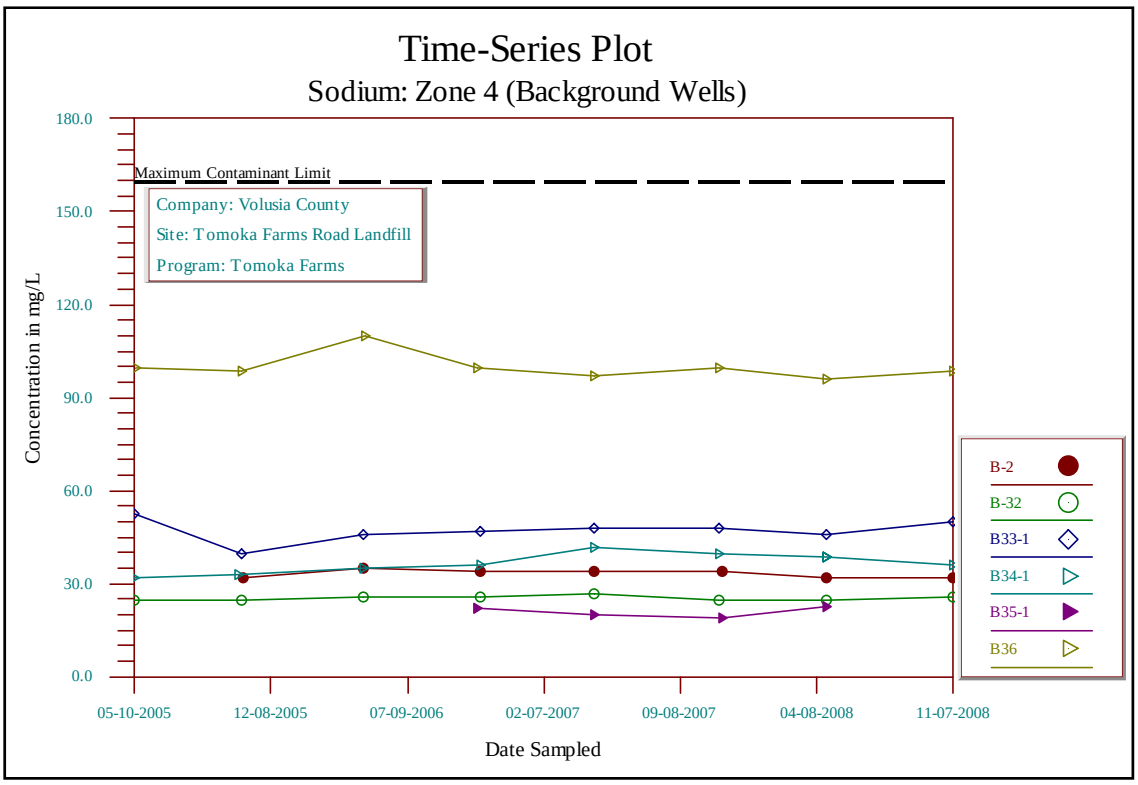

Time-Series Plot
Iron: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
45000.0
37500.0
30000.0
22500.0
15000.0
7500.0
0.0
Maximum Contaminant Limit
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

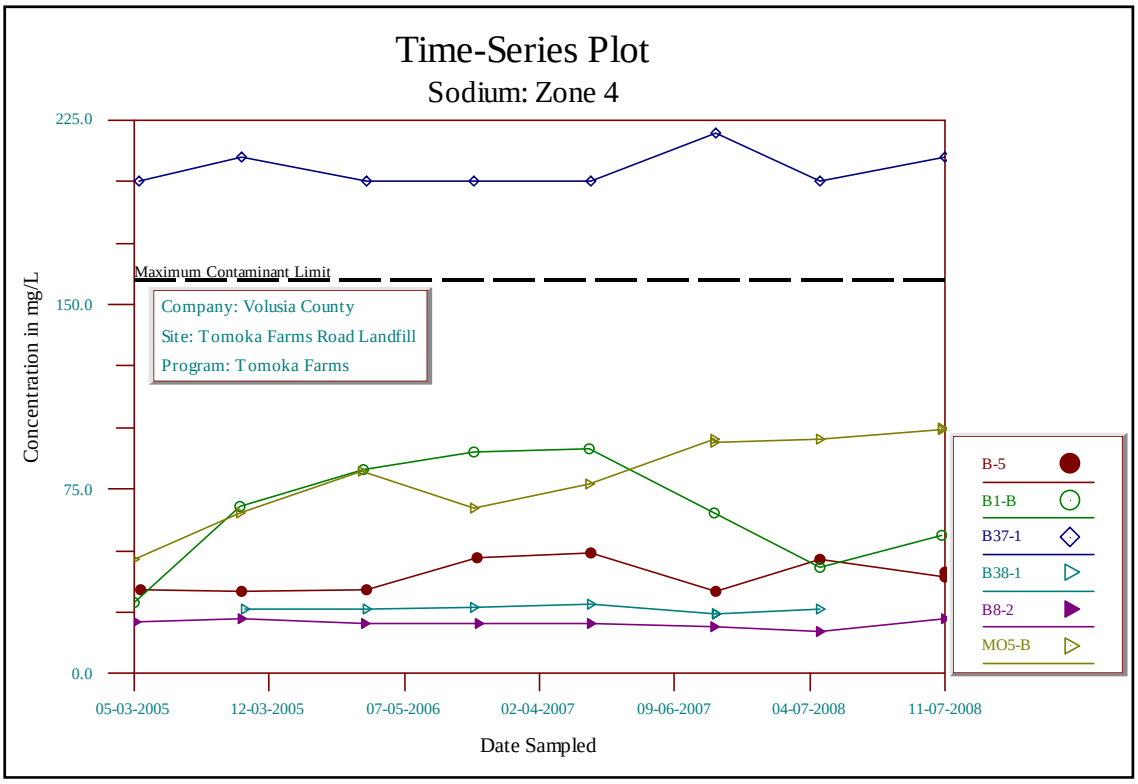

Time-Series Plot
pH: Zone 4 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in s.u.
7.8
7.2
6.6
6.0
5.4
4.8
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

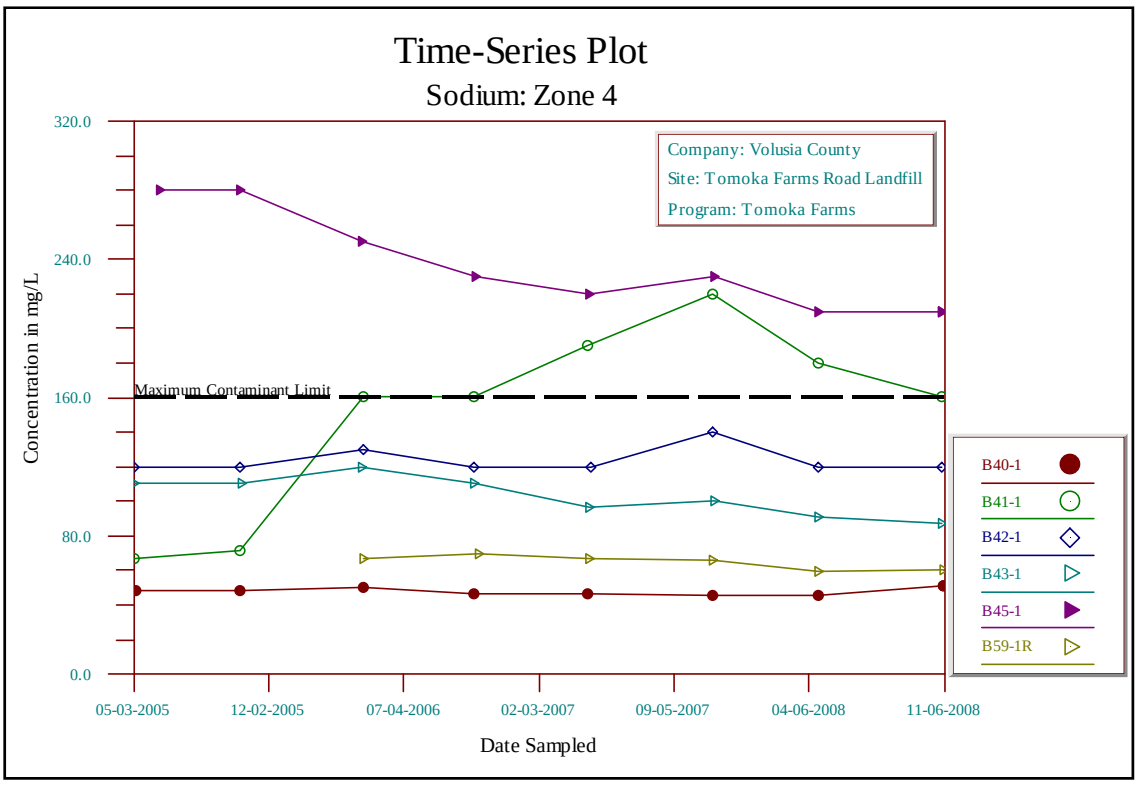

Time-Series Plot
pH: Zone 4
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in s.u.
6.8
6.4
6.0
5.6
5.2
4.8
4.4
05-03-2005
12-06-2005
07-11-2006
02-13-2007
09-18-2007
04-22-2008
11-26-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

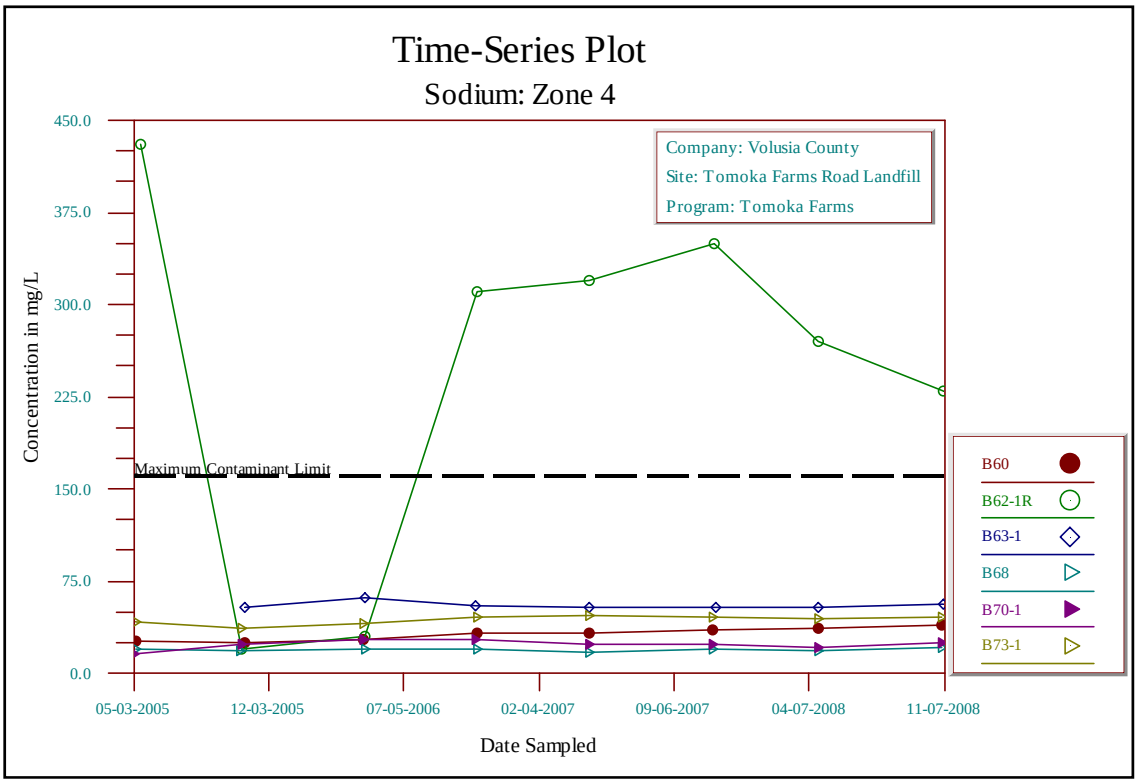

Time-Series Plot
pH: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in s.u.
7.2
6.8
6.4
6.0
5.6
5.2
4.8
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

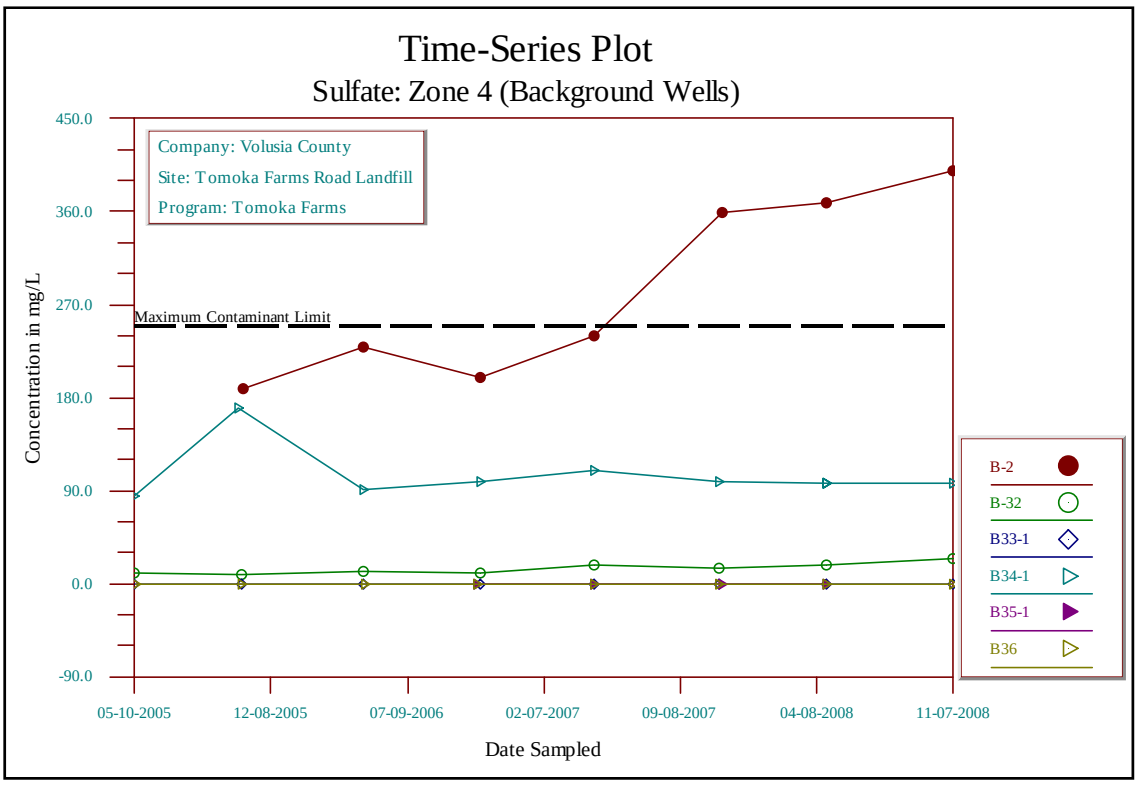

Time-Series Plot
pH: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in s.u.
7.2
6.8
6.4
6.0
5.6
5.2
4.8
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

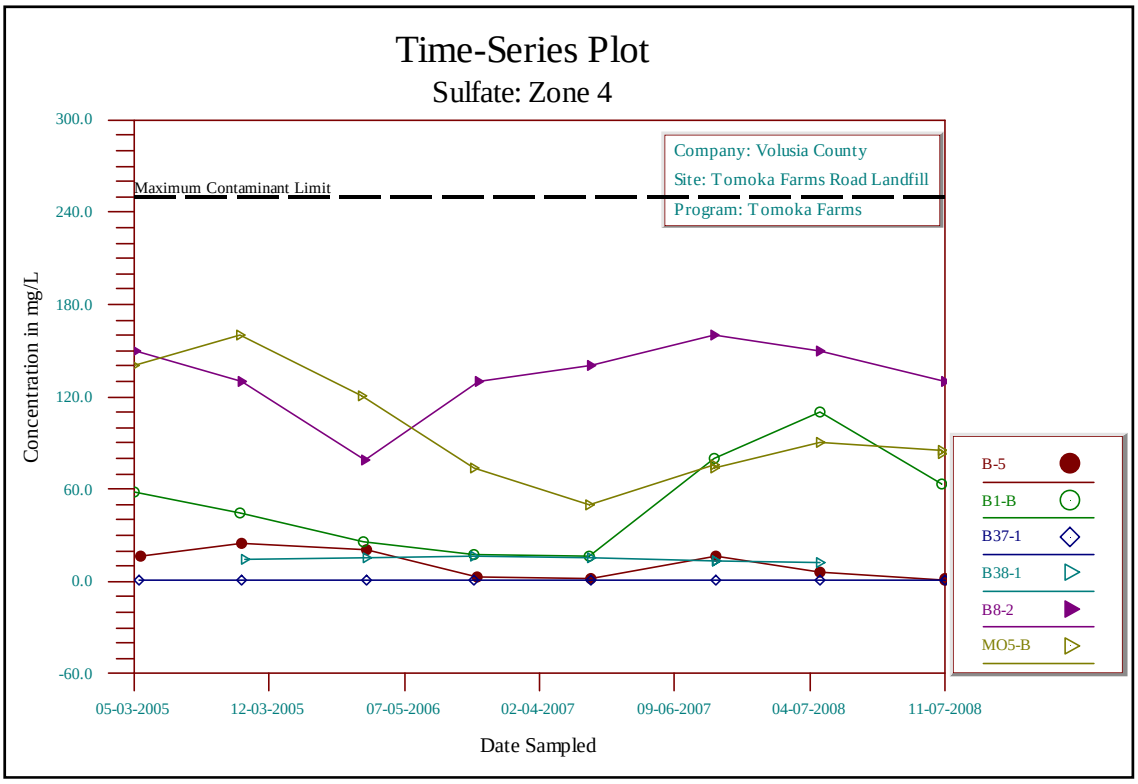

Time-Series Plot
Sodium: Zone 4 (Background Wells)
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
180.0
150.0
120.0
90.0
60.0
30.0
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

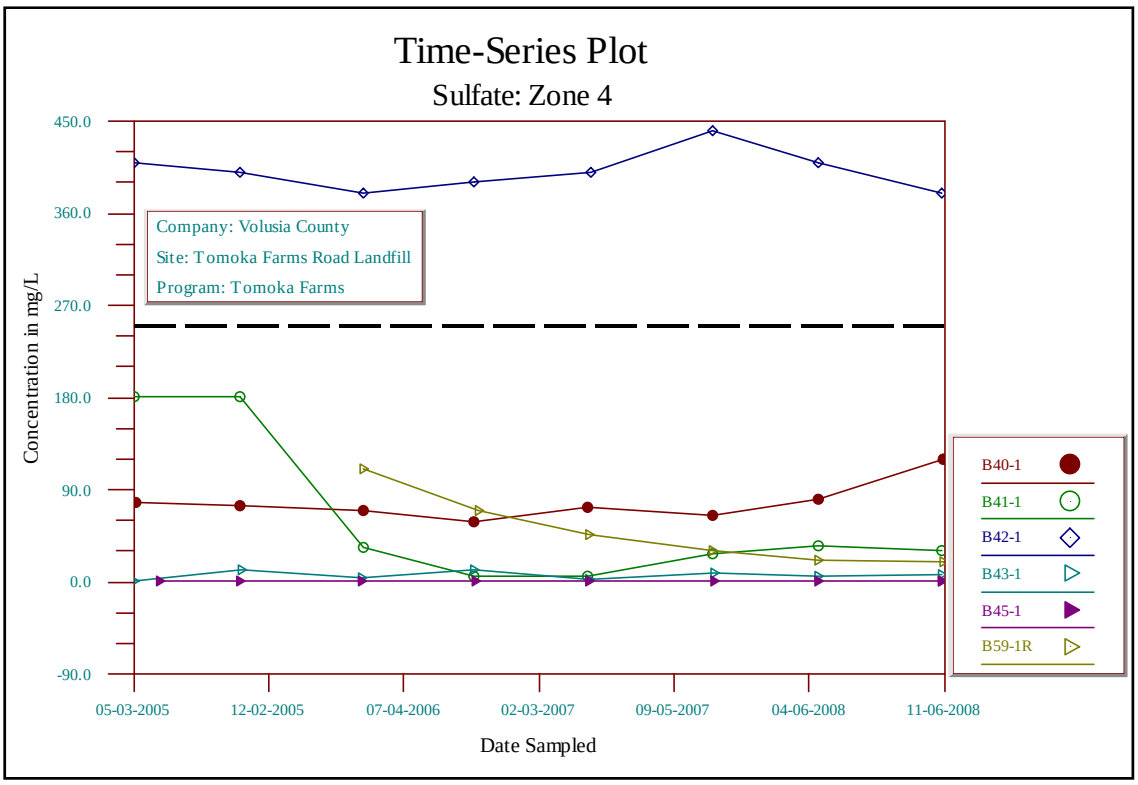

Time-Series Plot
Sodium: Zone 4
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
225.0
150.0
75.0
0.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

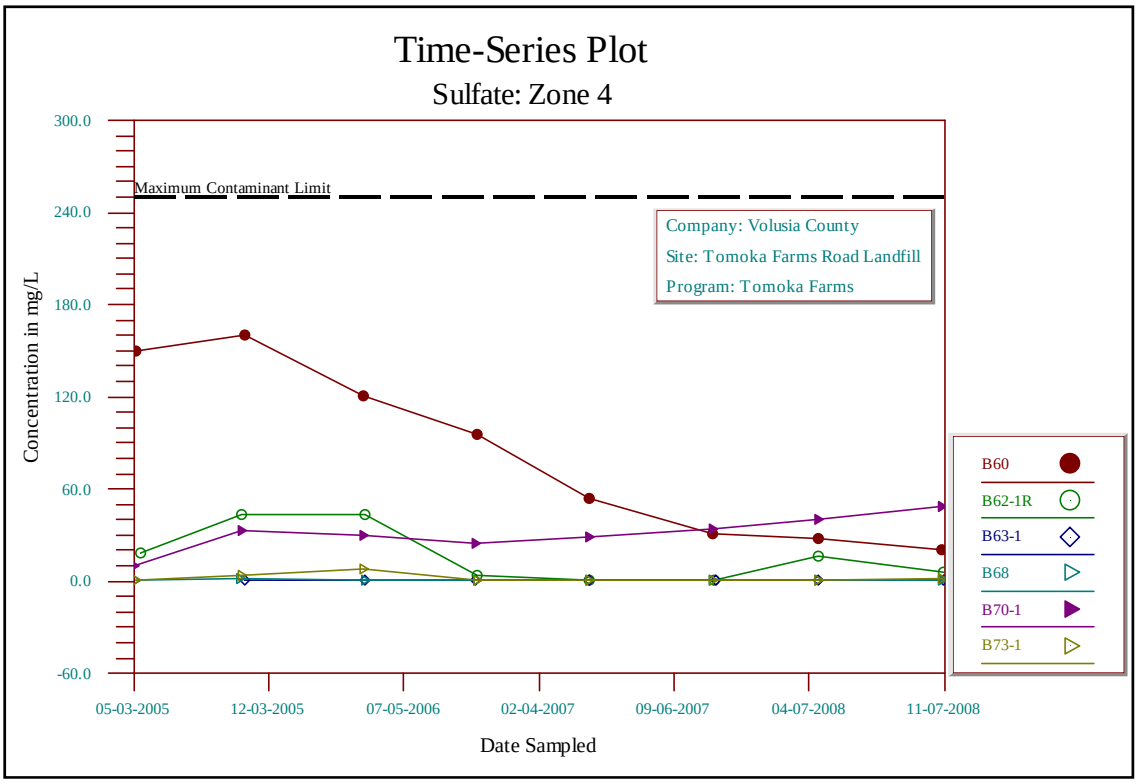

Time-Series Plot
Sodium: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
320.0
240.0
160.0
80.0
0.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

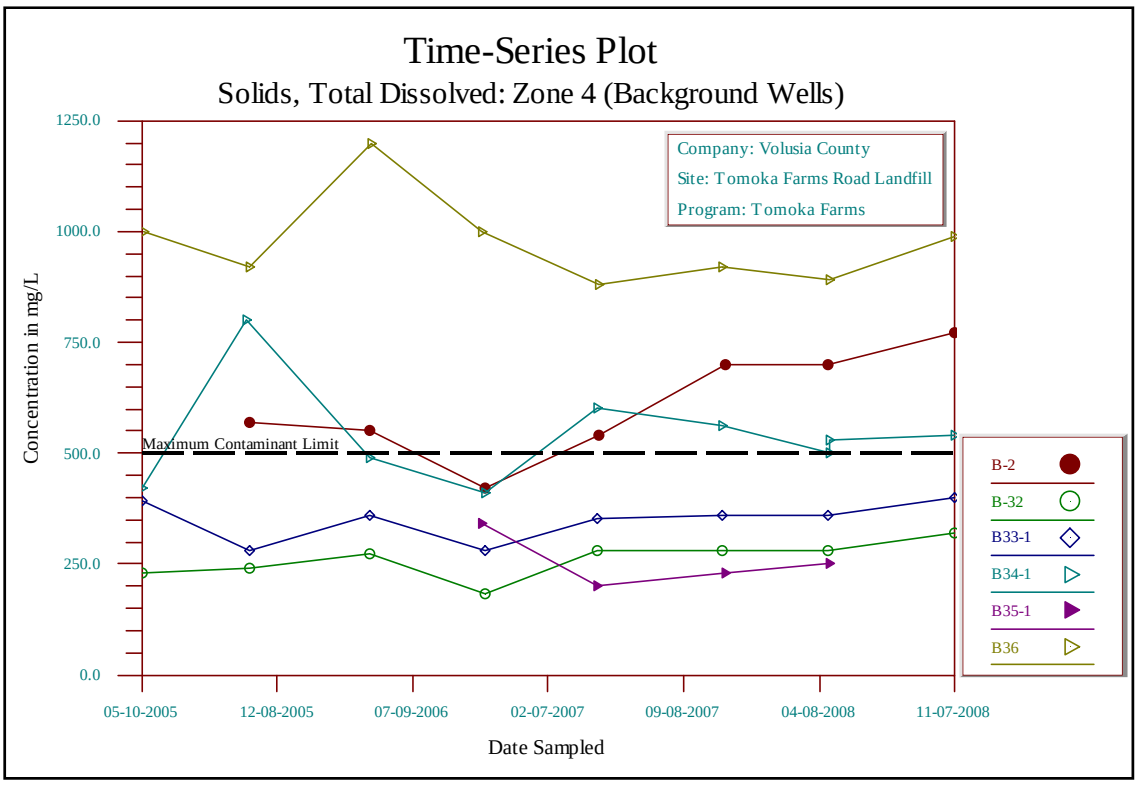

Time-Series Plot
Sodium: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
450.0
375.0
300.0
225.0
150.0
75.0
0.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

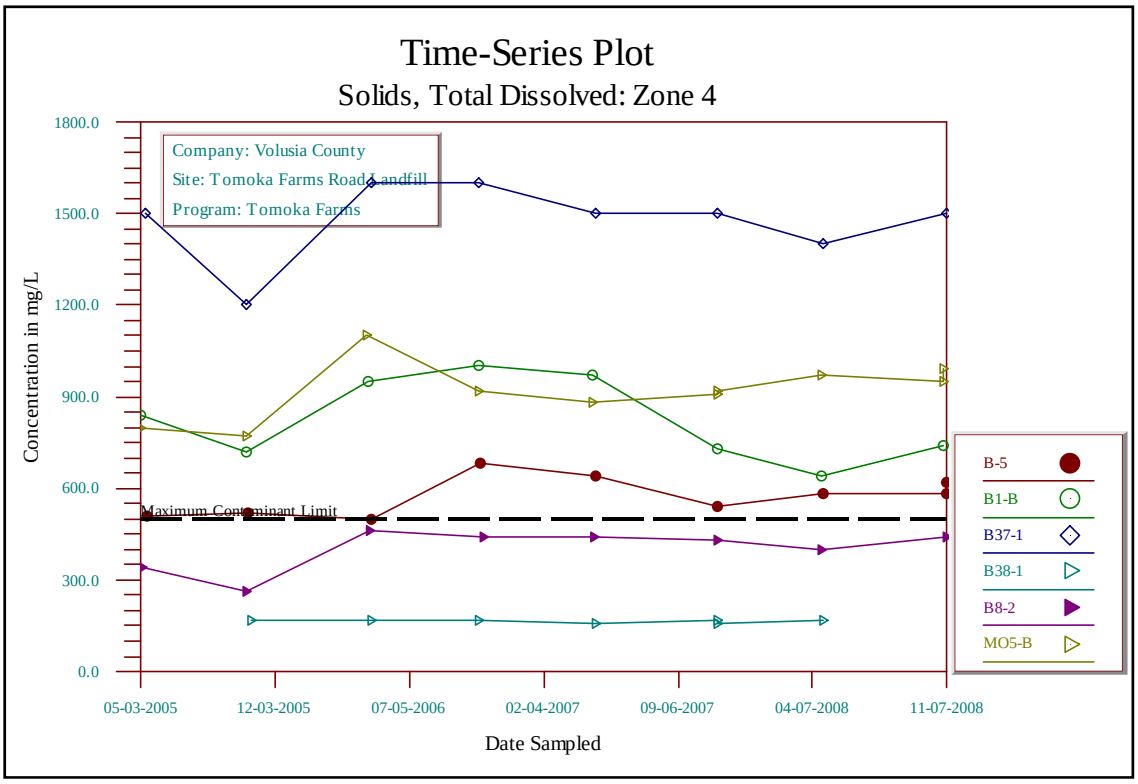

Time-Series Plot
Sulfate: Zone 4 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
450.0
360.0
270.0
180.0
90.0
0.0
-90.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

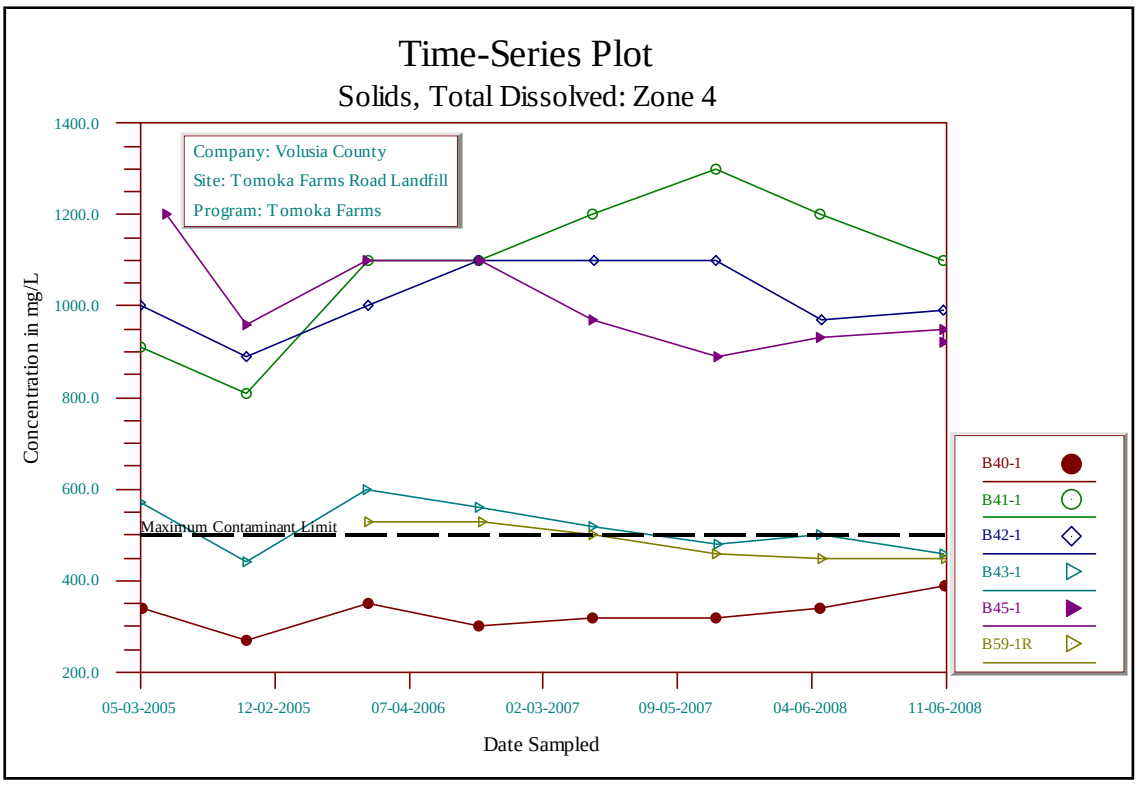

Time-Series Plot
Sulfate: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
300.0
240.0
180.0
120.0
60.0
0.0
-60.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

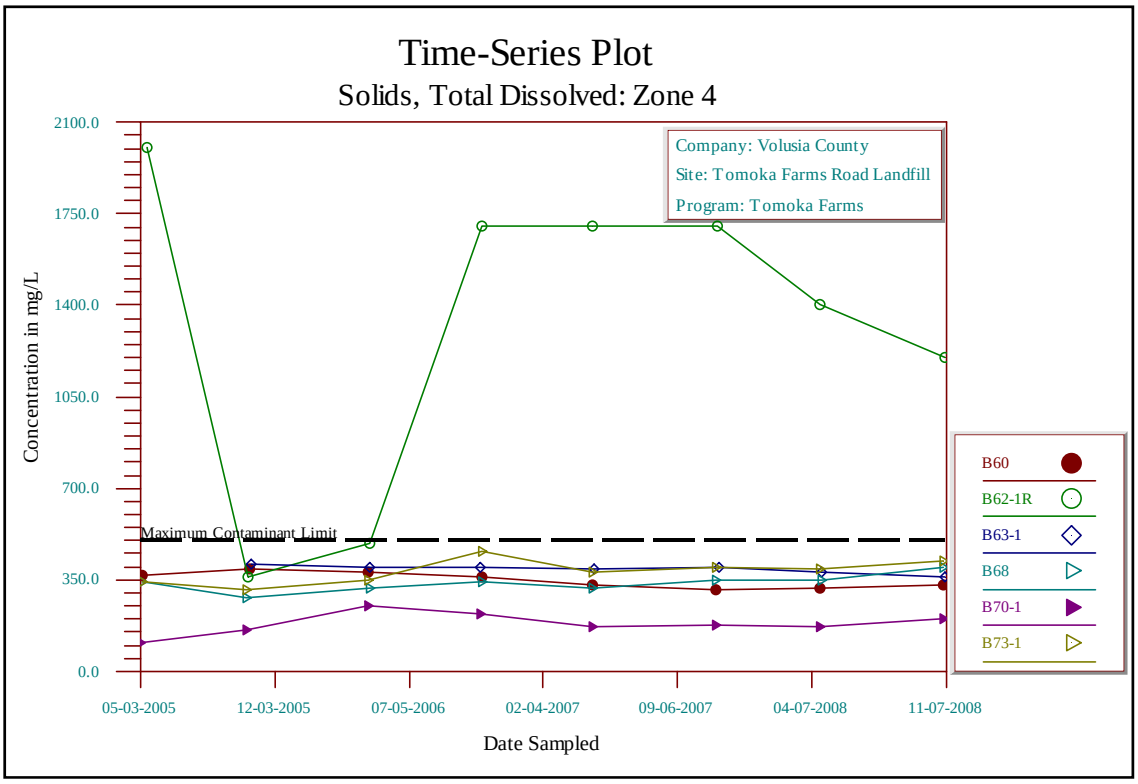

Time-Series Plot
Sulfate: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
450.0
360.0
270.0
180.0
90.0
0.0
-90.0
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

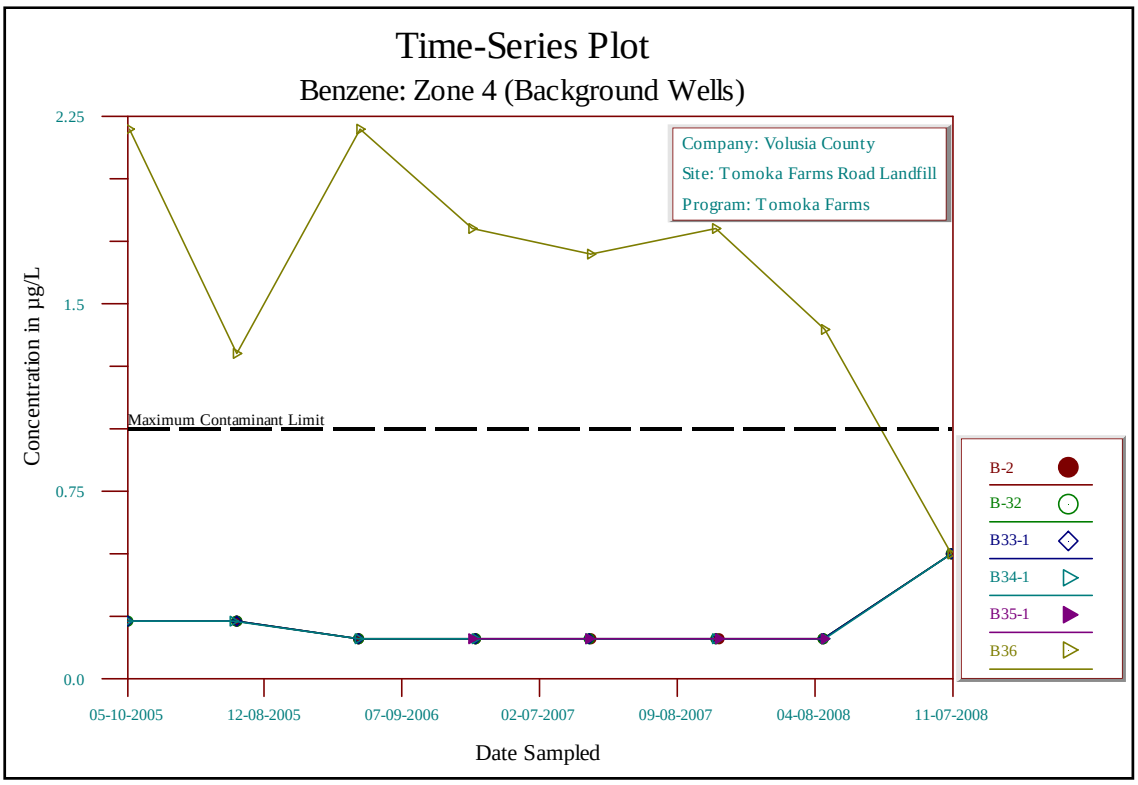

Time-Series Plot
Sulfate: Zone 4
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
300.0
240.0
180.0
120.0
60.0
0.0
-60.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

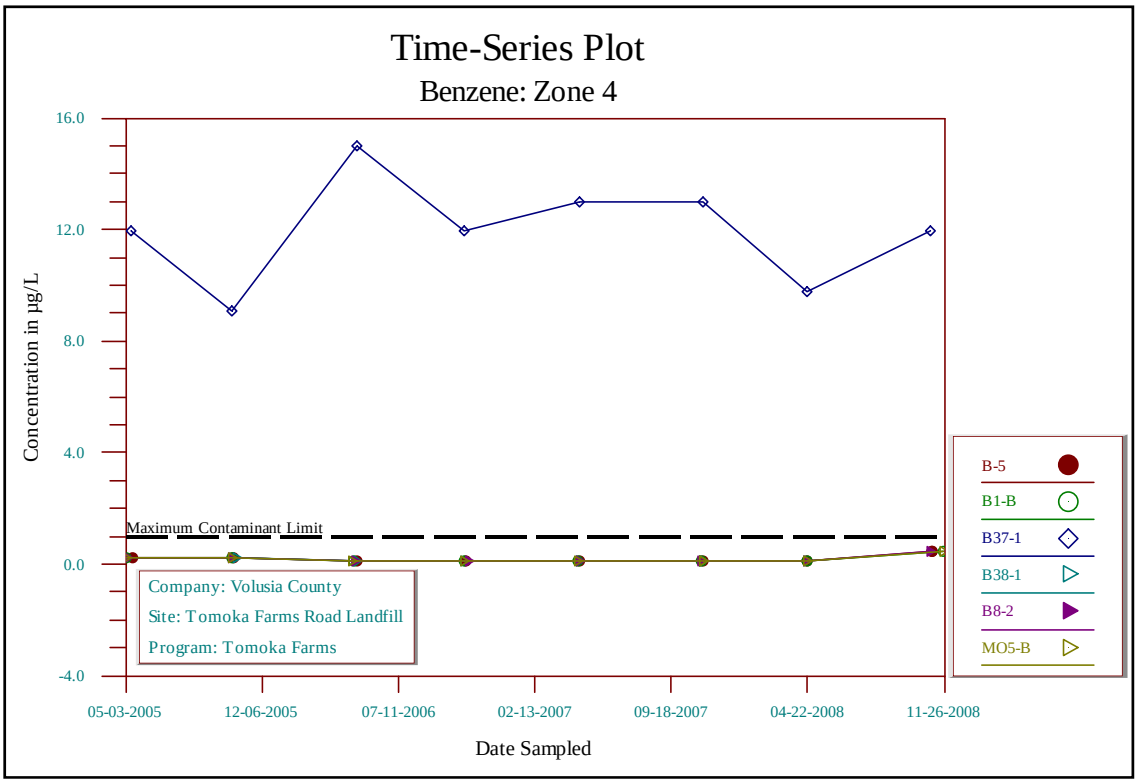

Time-Series Plot
Solids, Total Dissolved: Zone 4 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
1250.0
1000.0
750.0
500.0
250.0
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

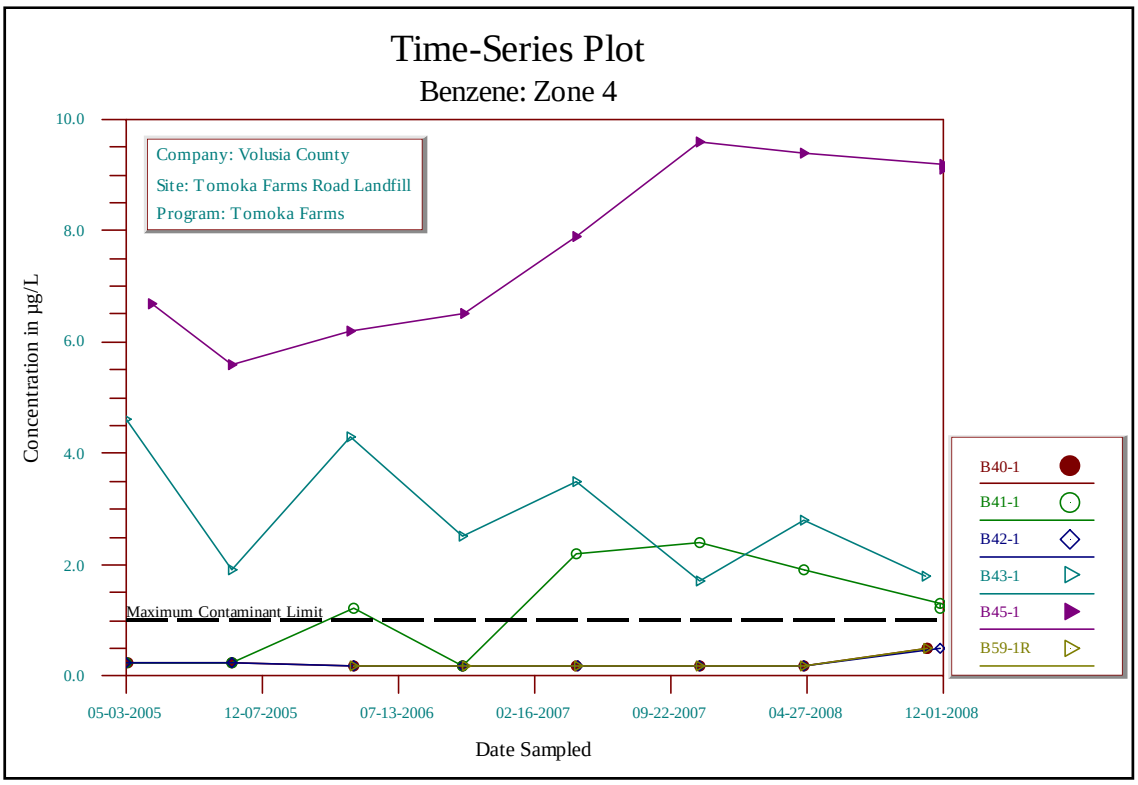

Time-Series Plot
Solids, Total Dissolved: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
1800.0
1500.0
1200.0
900.0
600.0
300.0
0.0
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

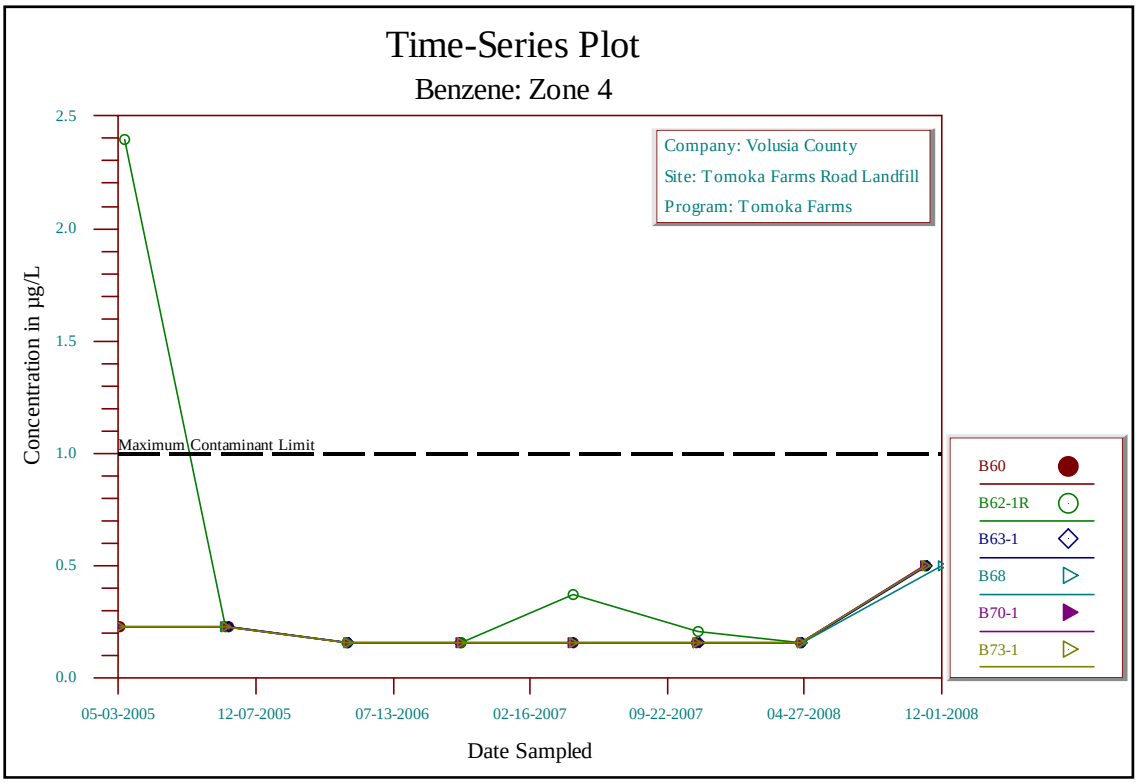

Time-Series Plot
Solids, Total Dissolved: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
1400.0
1200.0
1000.0
800.0
600.0
400.0
200.0
Maximum Contaminant Limit
05-03-2005
12-02-2005
07-04-2006
02-03-2007
09-05-2007
04-06-2008
11-06-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

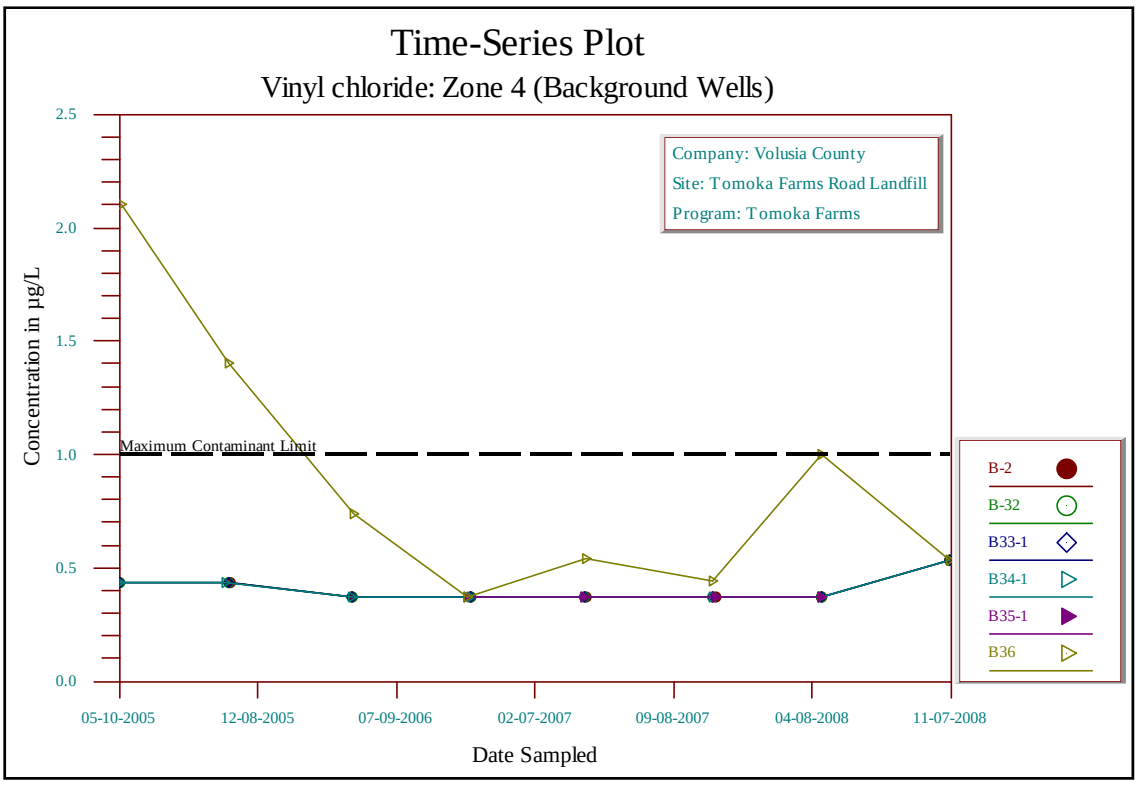

Time-Series Plot
Solids, Total Dissolved: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
2100.0
1750.0
1400.0
1050.0
700.0
350.0
0.0
Maximum Contaminant Limit
05-03-2005
12-03-2005
07-05-2006
02-04-2007
09-06-2007
04-07-2008
11-07-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

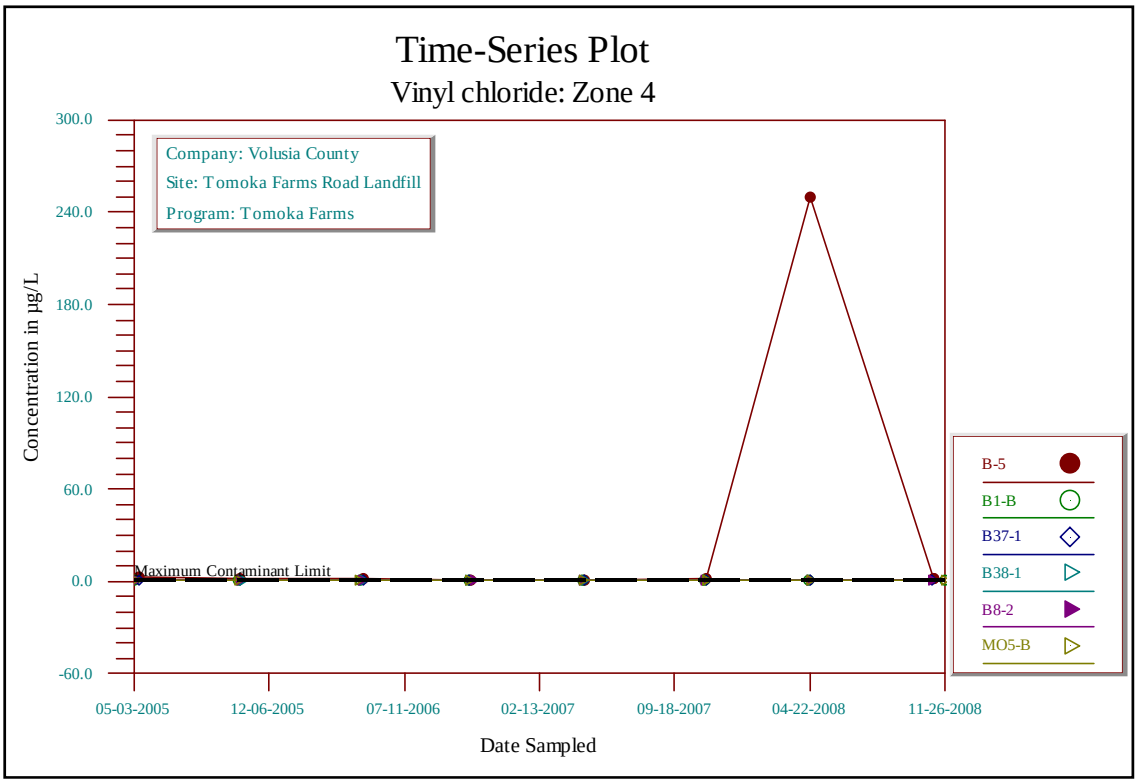

Time-Series Plot
Benzene: Zone 4 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
2.25
1.5
0.75
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

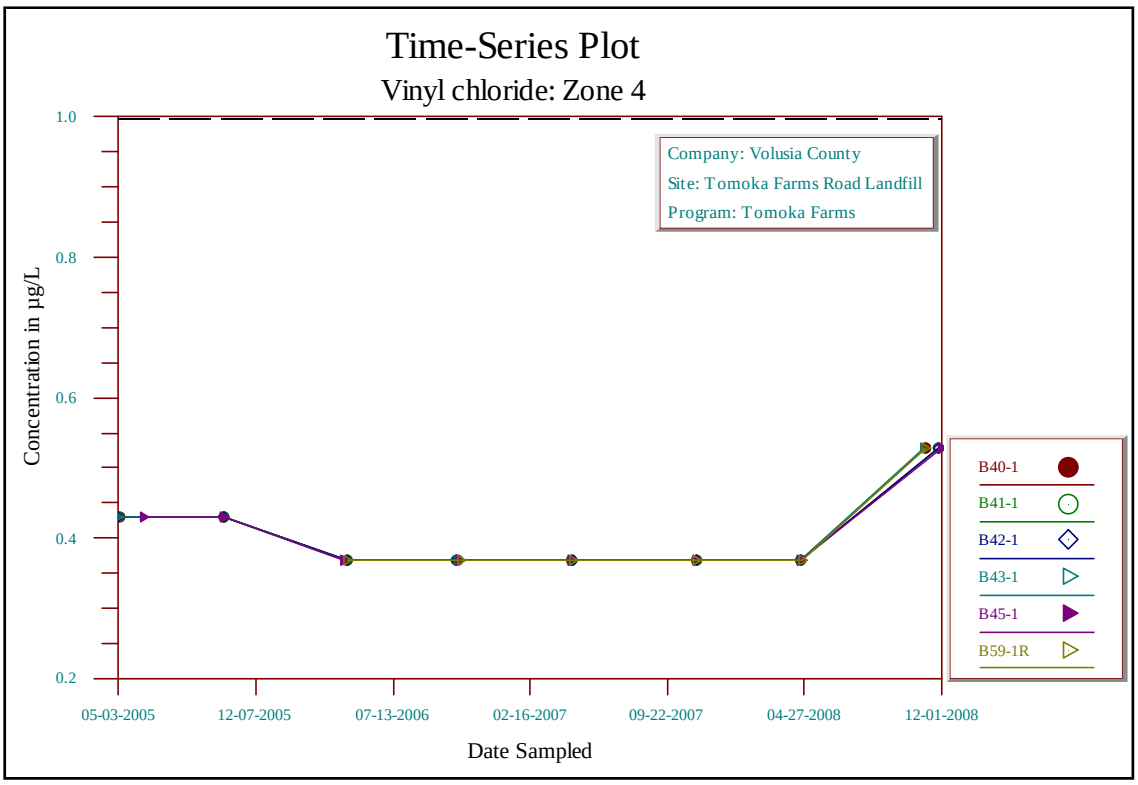

Time-Series Plot
Benzene: Zone 4
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
16.0
12.0
8.0
4.0
0.0
-4.0
05-03-2005
12-06-2005
07-11-2006
02-13-2007
09-18-2007
04-22-2008
11-26-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

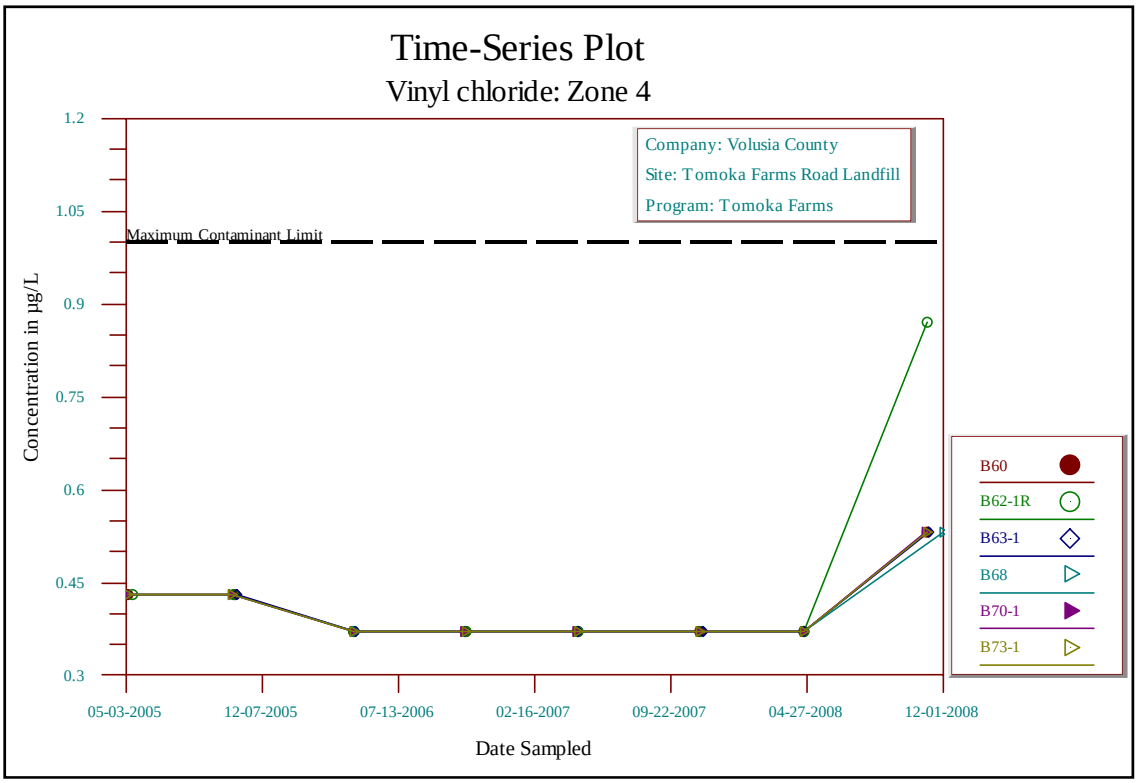

Time-Series Plot
Benzene: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
10.0
8.0
6.0
4.0
2.0
0.0
Maximum Contaminant Limit
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R


Time-Series Plot
Benzene: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
2.5
2.0
1.5
1.0
0.5
0.0
Maximum Contaminant Limit
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

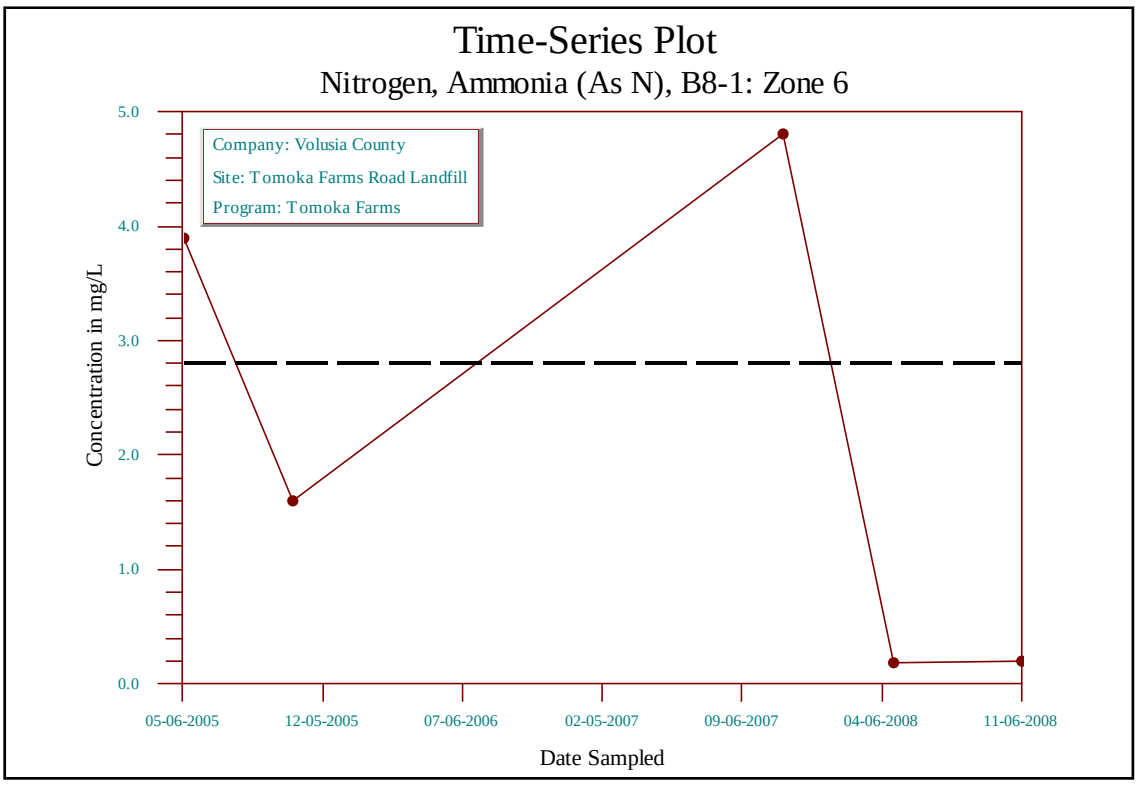

Time-Series Plot
Vinyl chloride: Zone 4 (Background Wells)
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
2.5
2.0
1.5
1.0
0.5
0.0
05-10-2005
12-08-2005
07-09-2006
02-07-2007
09-08-2007
04-08-2008
11-07-2008
Date Sampled
B-2
B-32
B33-1
B34-1
B35-1
B36

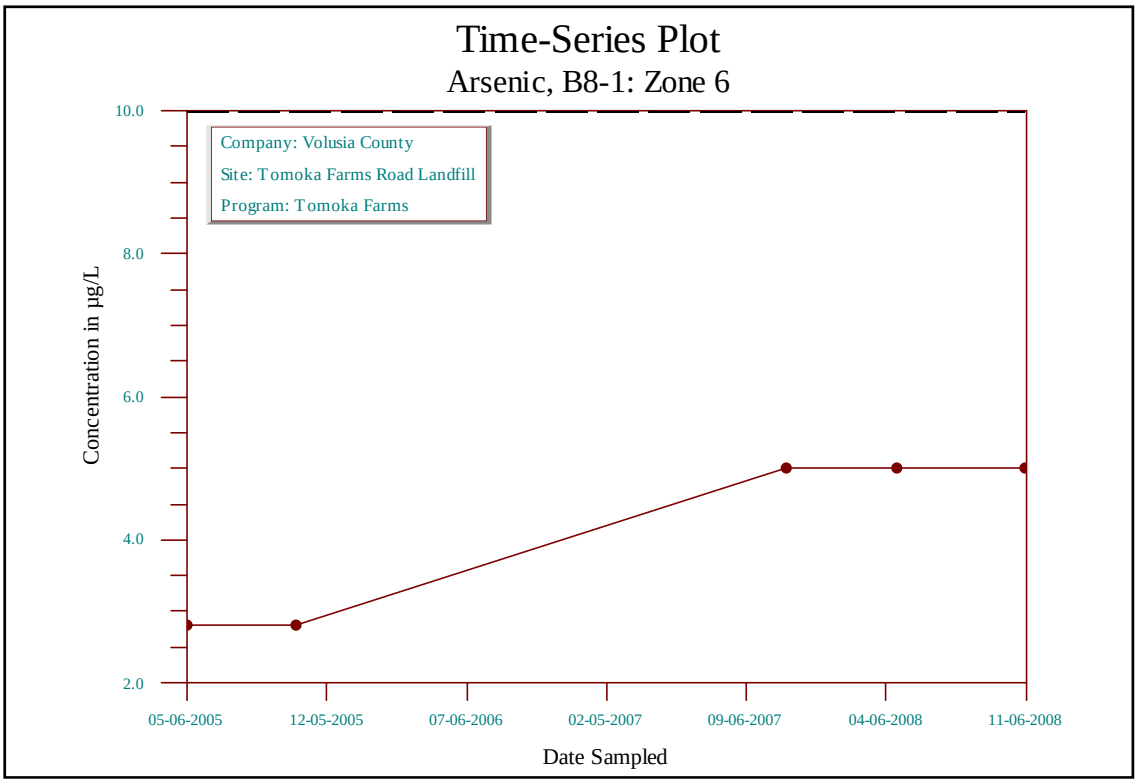

Time-Series Plot
Vinyl chloride: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
300.0
240.0
180.0
120.0
60.0
0.0
-60.0
05-03-2005
12-06-2005
07-11-2006
02-13-2007
09-18-2007
04-22-2008
11-26-2008
Date Sampled
B-5
B1-B
B37-1
B38-1
B8-2
MO5-B

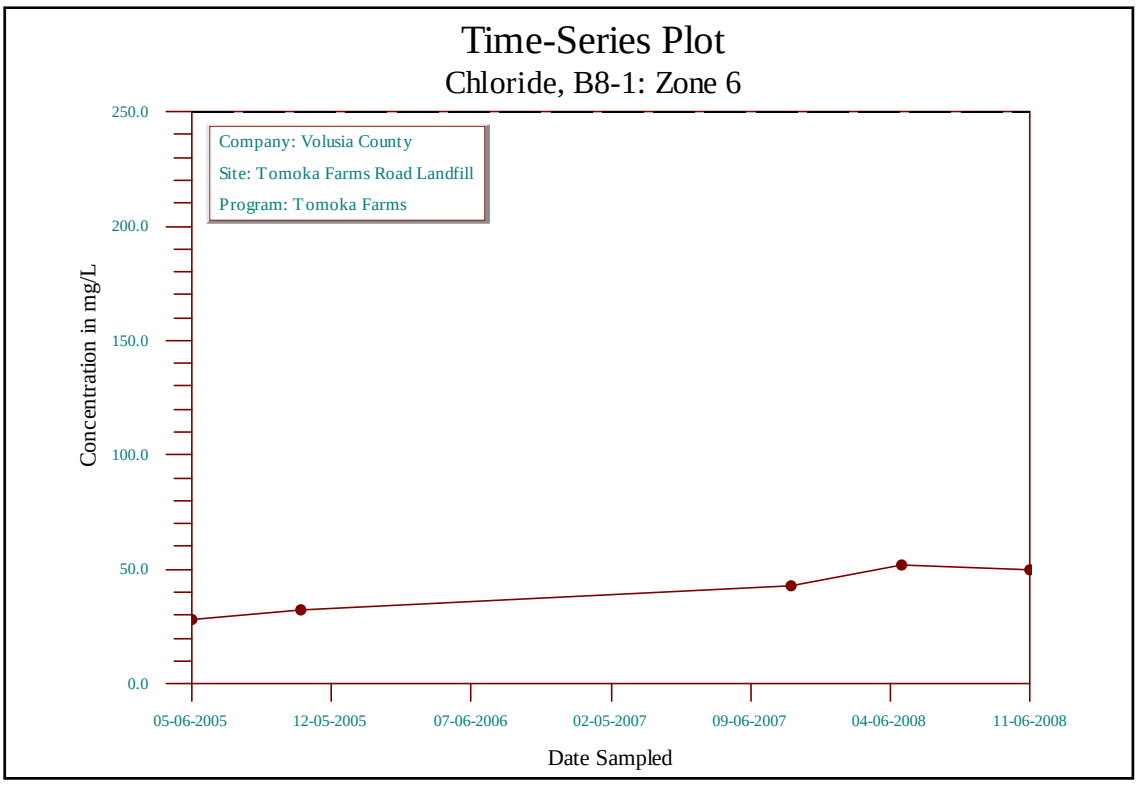

Time-Series Plot
Vinyl chloride: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.0
0.8
0.6
0.4
0.2
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B40-1
B41-1
B42-1
B43-1
B45-1
B59-1R

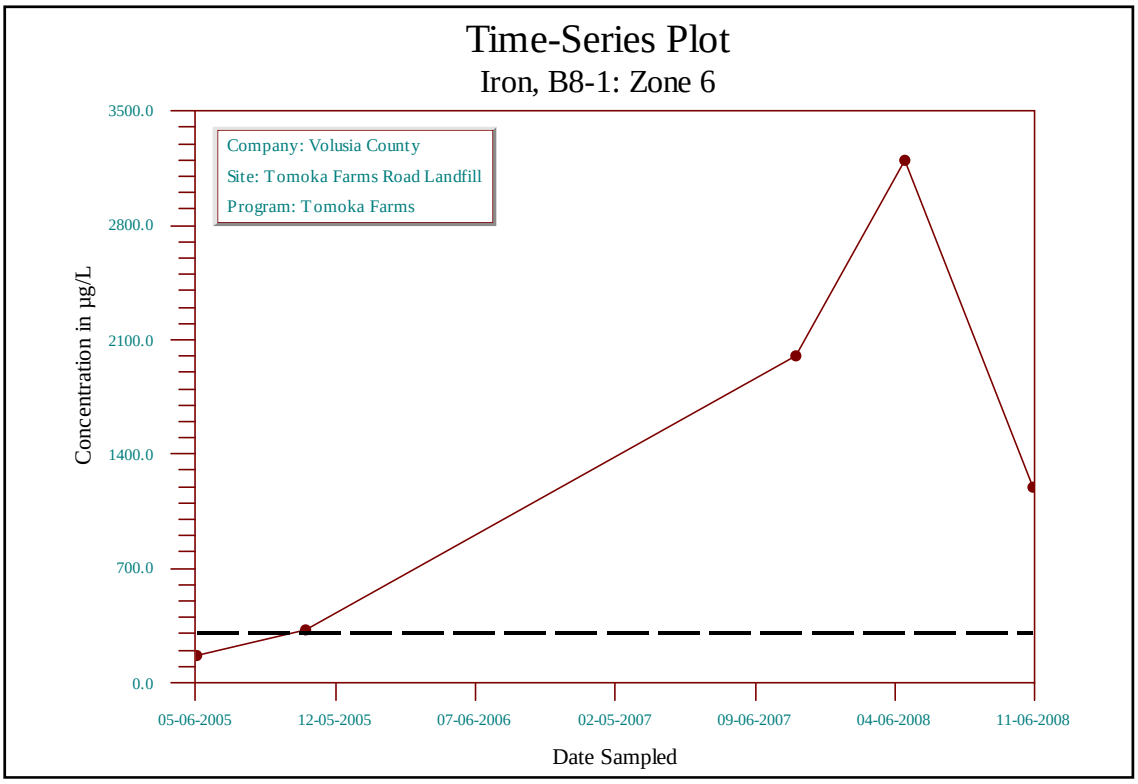

Time-Series Plot
Vinyl chloride: Zone 4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
1.2
1.05
0.9
0.75
0.6
0.45
0.3
05-03-2005
12-07-2005
07-13-2006
02-16-2007
09-22-2007
04-27-2008
12-01-2008
Date Sampled
B60
B62-1R
B63-1
B68
B70-1
B73-1

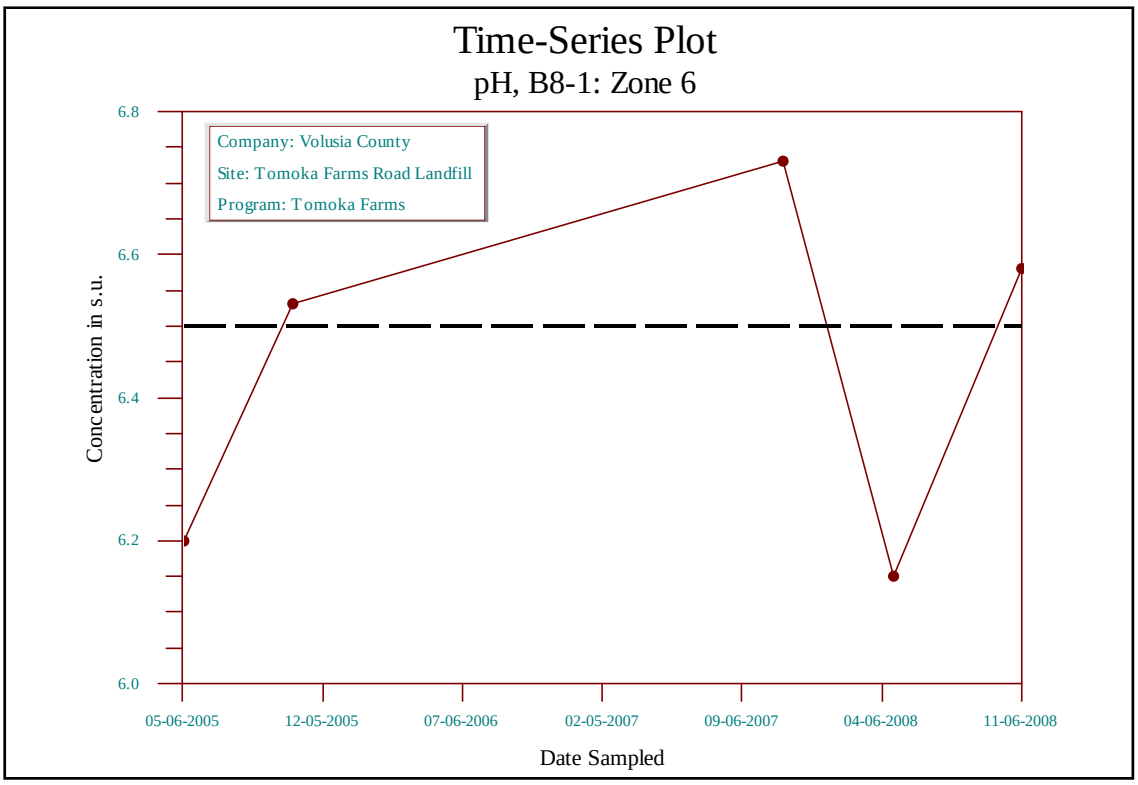
ZONE 6
GRAPHS

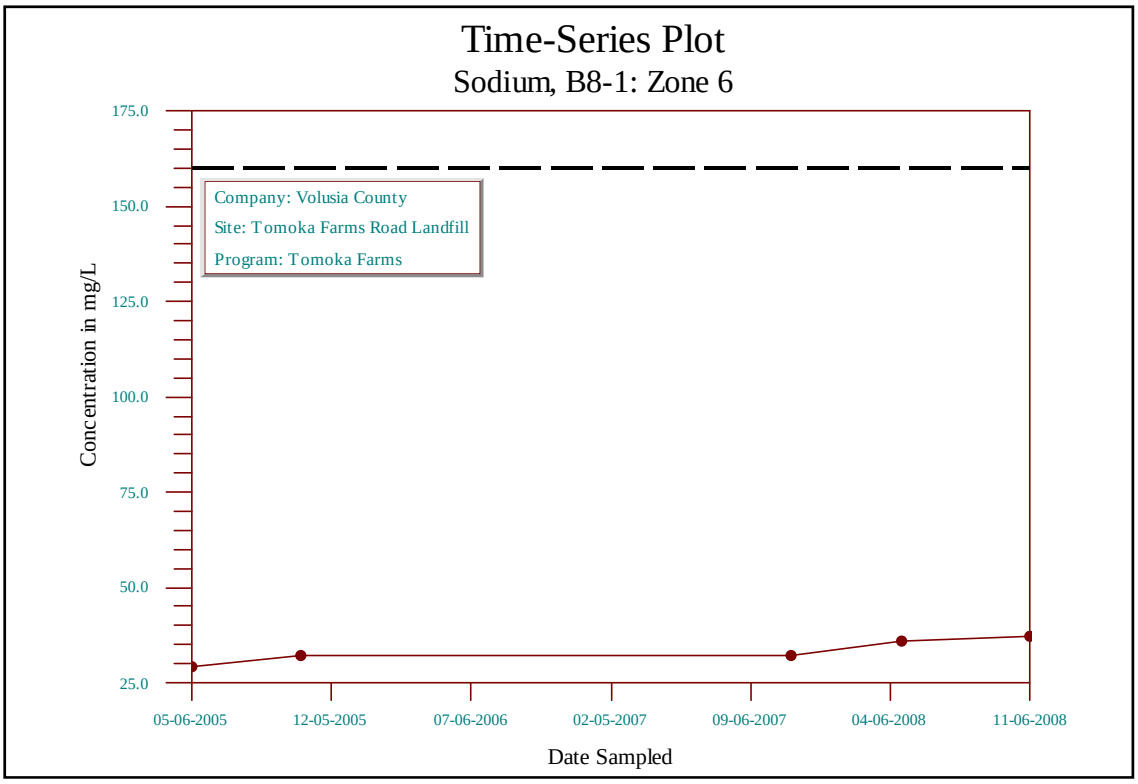

Time-Series Plot
Nitrogen, Ammonia (As N), B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
5.0
4.0
3.0
2.0
1.0
0.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

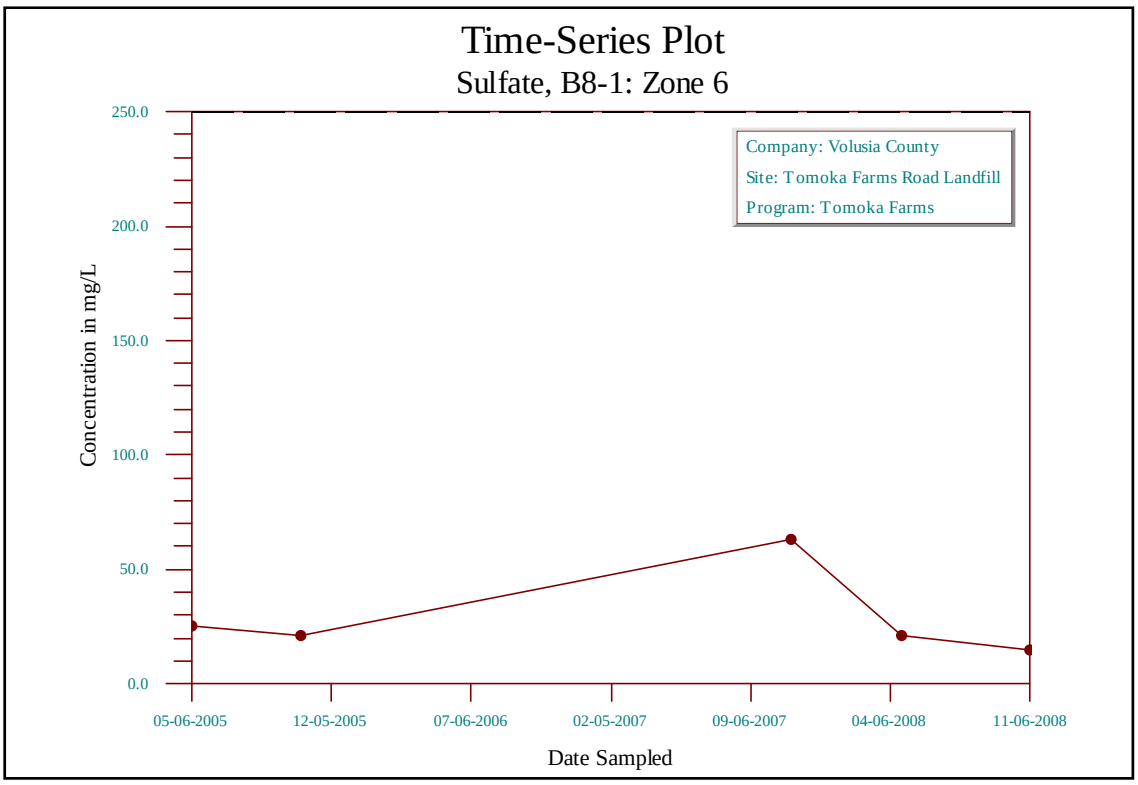

Time-Series Plot
Arsenic, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
10.0
8.0
6.0
4.0
2.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

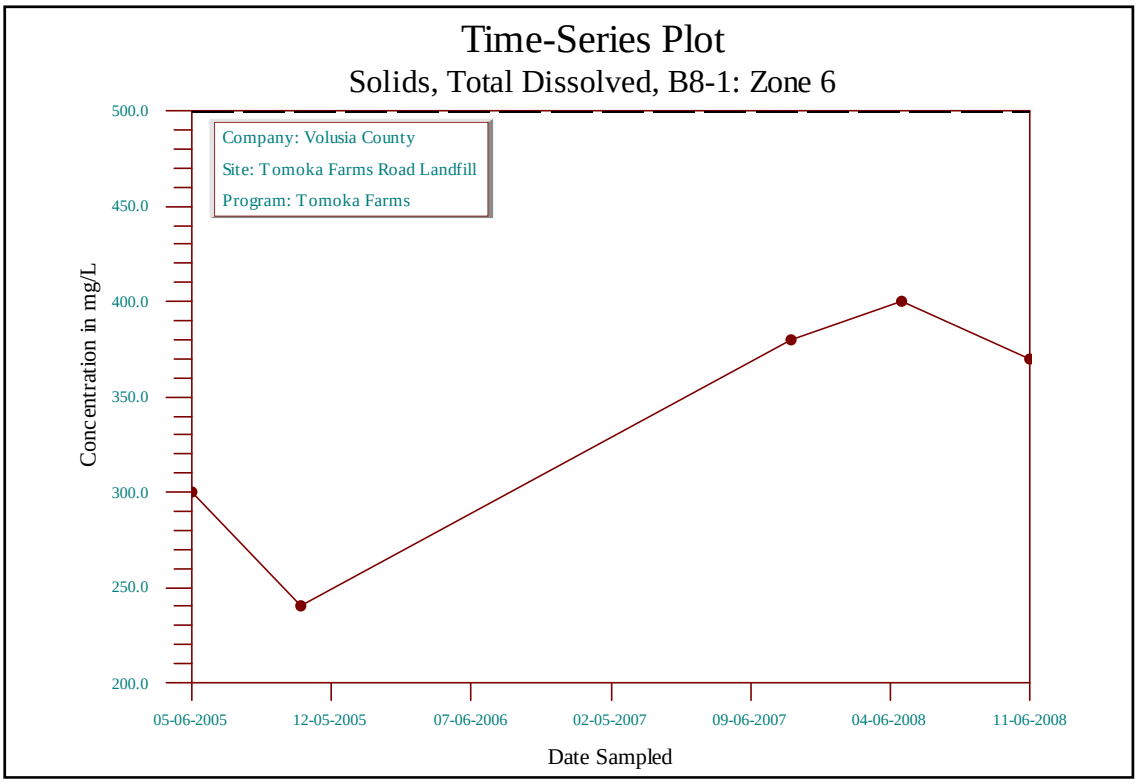

Time-Series Plot
Chloride, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
250.0
200.0
150.0
100.0
50.0
0.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

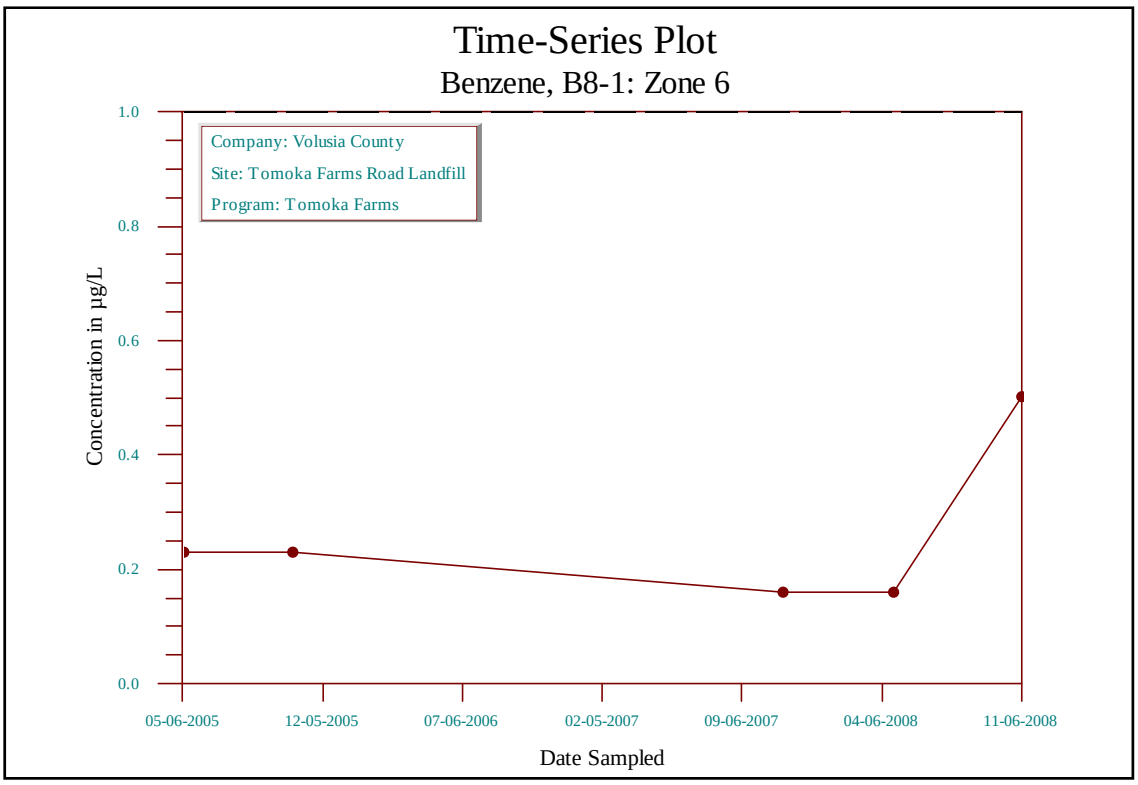

Time-Series Plot
Iron, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
3500.0
2800.0
2100.0
1400.0
700.0
0.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

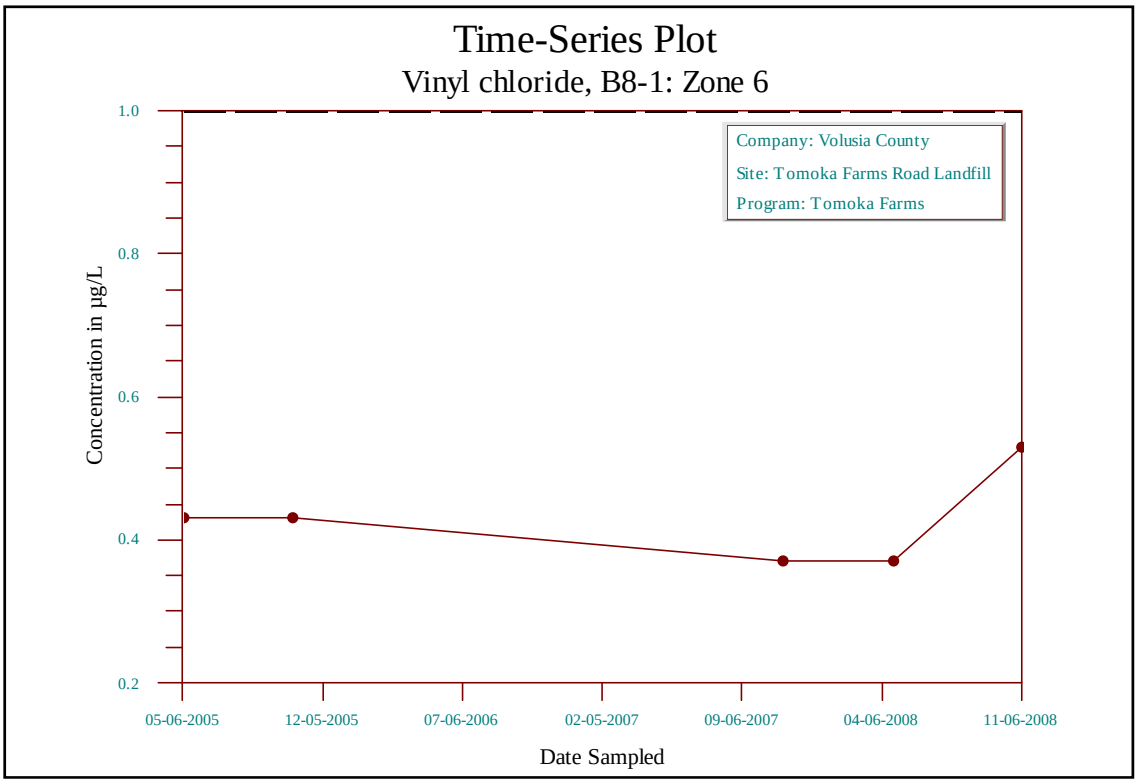

Time-Series Plot
pH, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in s.u.
6.8
6.6
6.4
6.2
6.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled


Time-Series Plot
Sodium, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
175.0
150.0
125.0
100.0
75.0
50.0
25.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

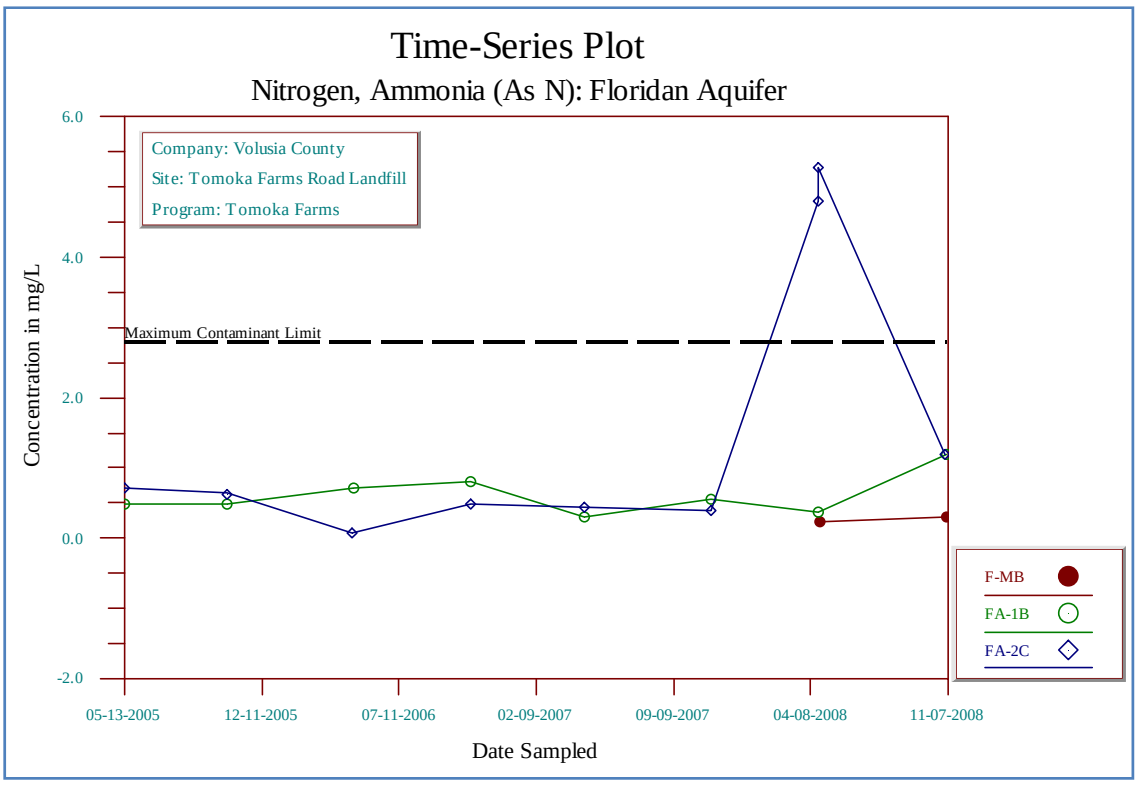

Time-Series Plot
Sulfate, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
250.0
200.0
150.0
100.0
50.0
0.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

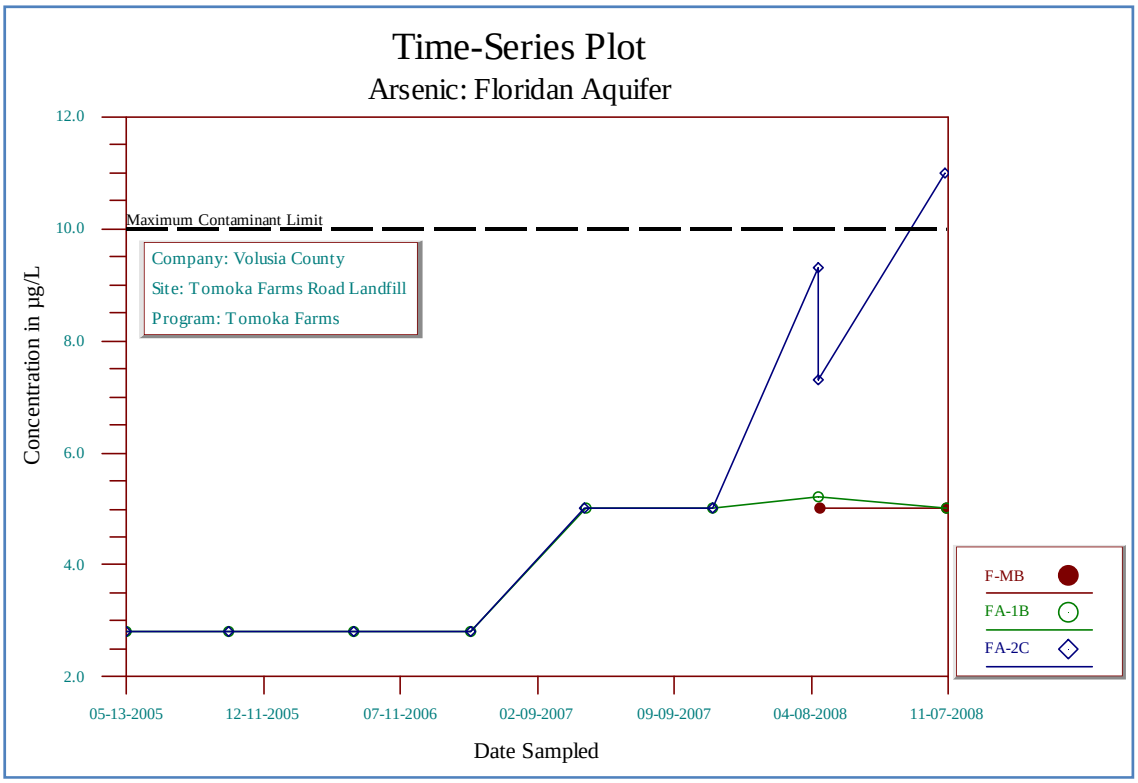

Time-Series Plot
Solids, Total Dissolved, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
500.0
450.0
400.0
350.0
300.0
250.0
200.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

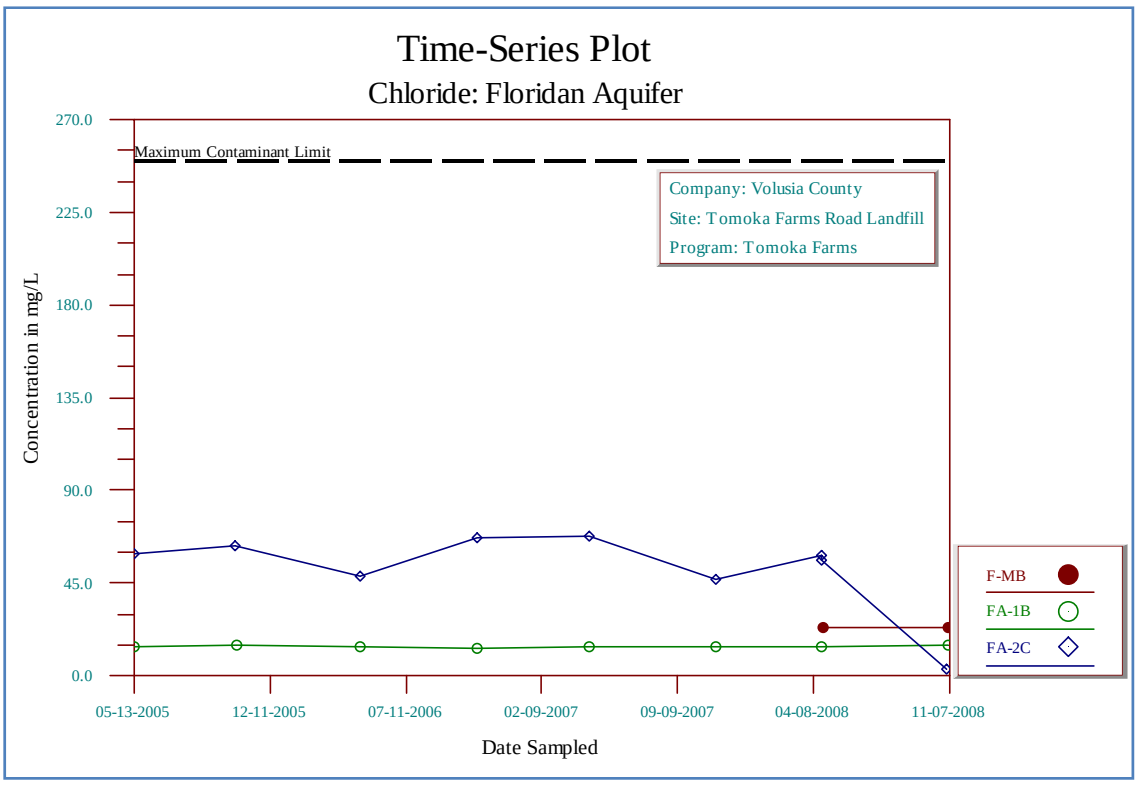

Time-Series Plot
Benzene, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.0
0.8
0.6
0.4
0.2
0.0
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

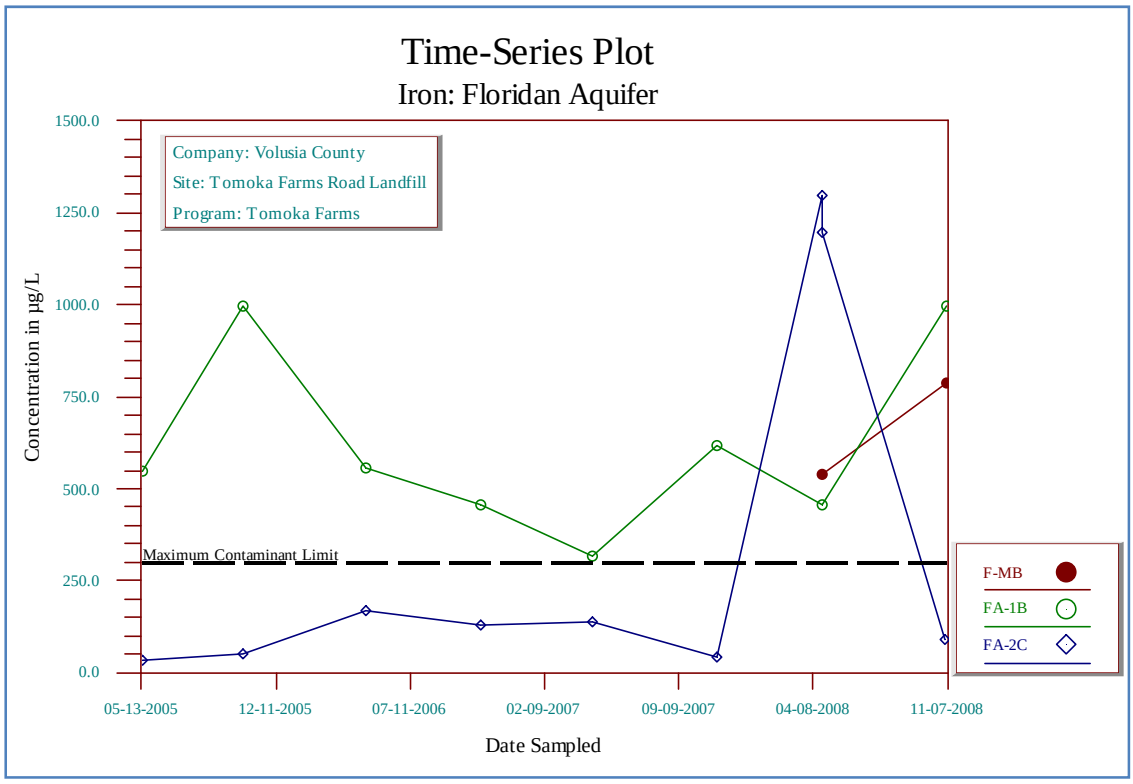

Time-Series Plot
Vinyl chloride, B8-1: Zone 6
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.0
0.8
0.6
0.4
0.2
05-06-2005
12-05-2005
07-06-2006
02-05-2007
09-06-2007
04-06-2008
11-06-2008
Date Sampled

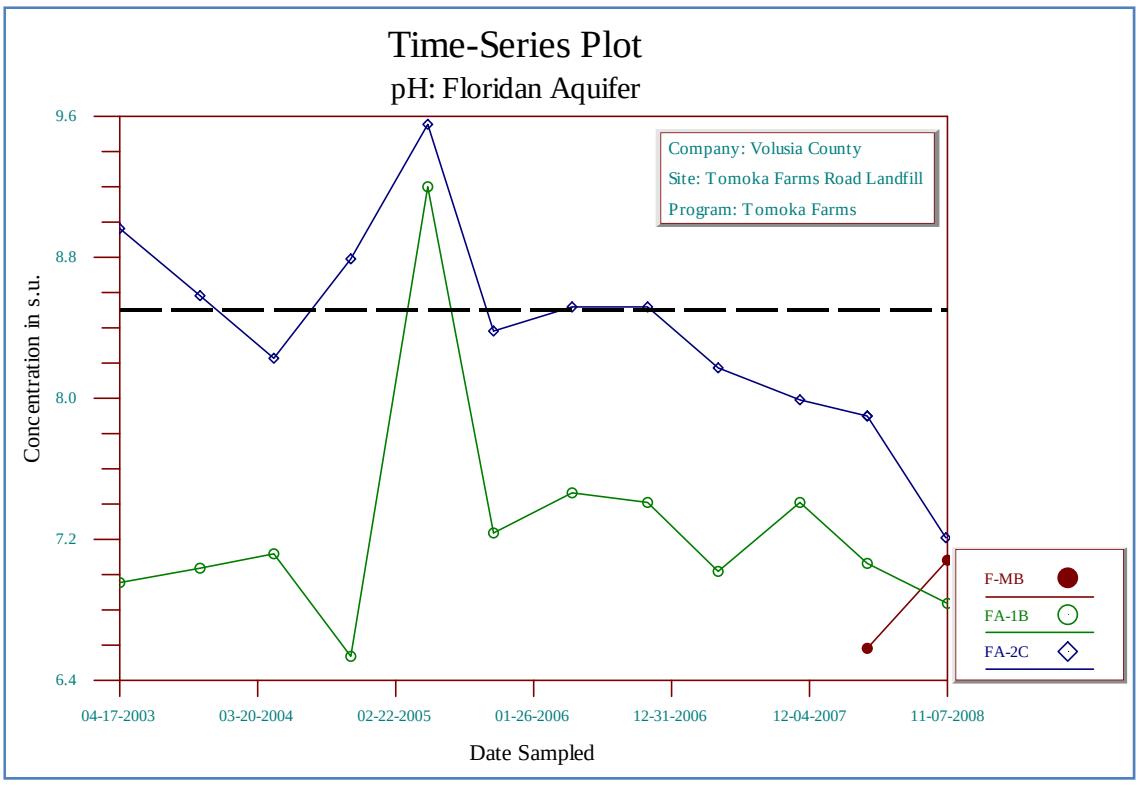
FLORIDAN AQUIFER GRAPHS

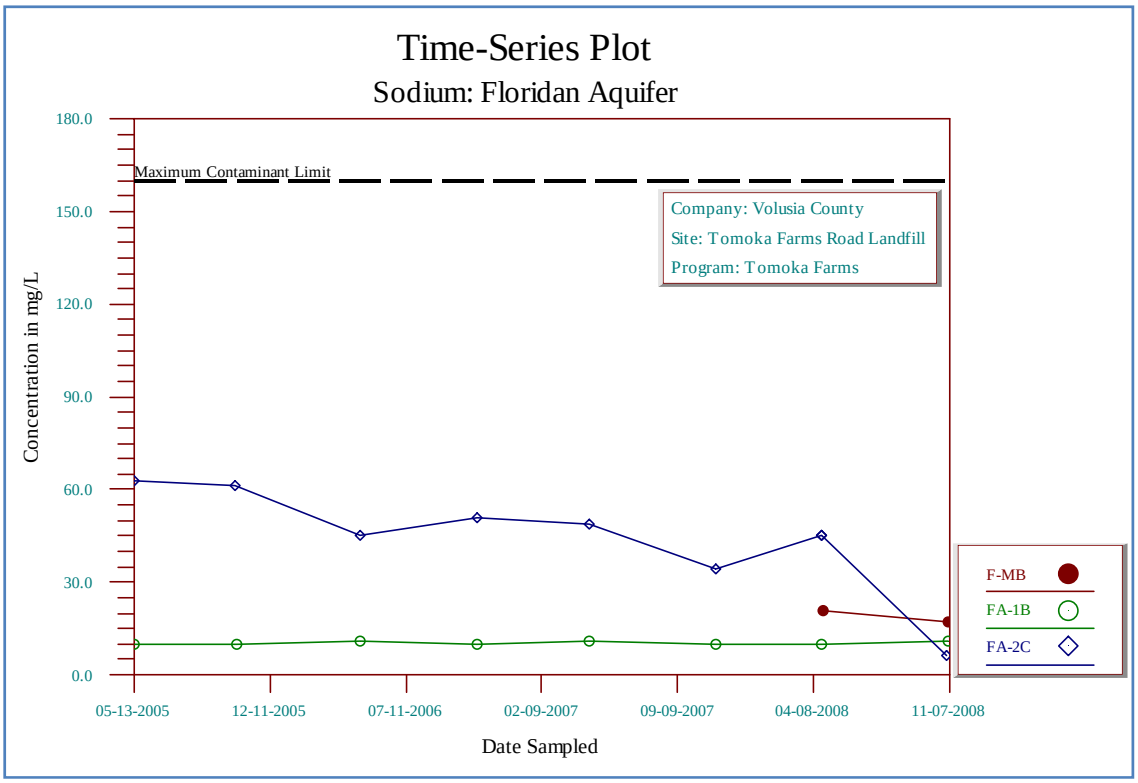

Time-Series Plot
Nitrogen, Ammonia (As N): Floridan Aquifer
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in mg/L
6.0
4.0
2.0
0.0
-2.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

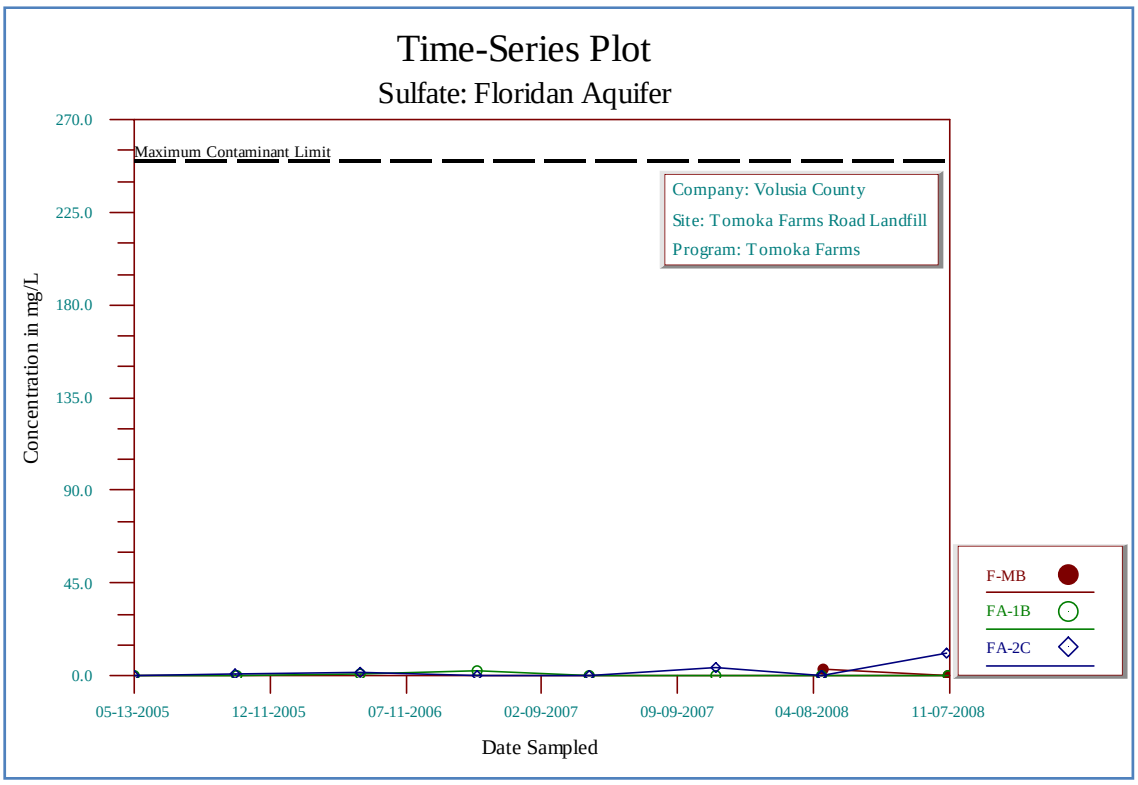

Time-Series Plot
Arsenic: Floridan Aquifer
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
12.0
10.0
8.0
6.0
4.0
2.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

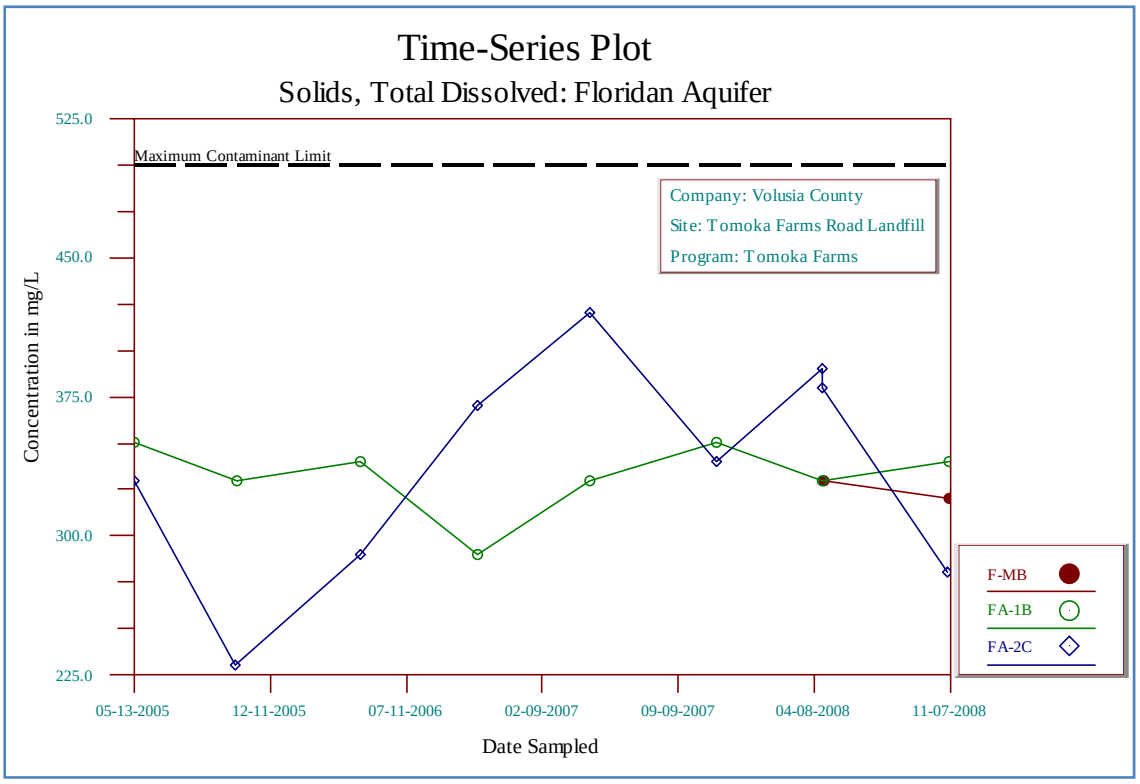

Time-Series Plot
Chloride: Floridan Aquifer
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
270.0
225.0
180.0
135.0
90.0
45.0
0.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

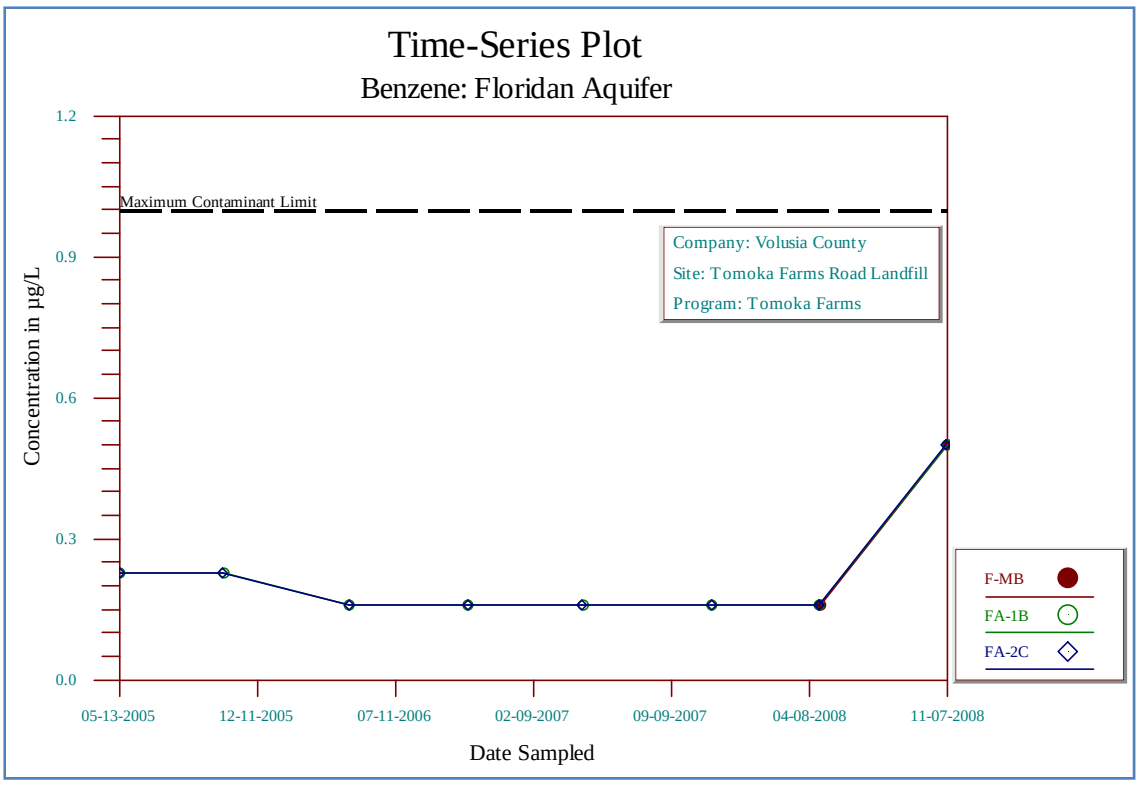

Time-Series Plot
Iron: Floridan Aquifer
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in µg/L
1500.0
1250.0
1000.0
750.0
500.0
250.0
0.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

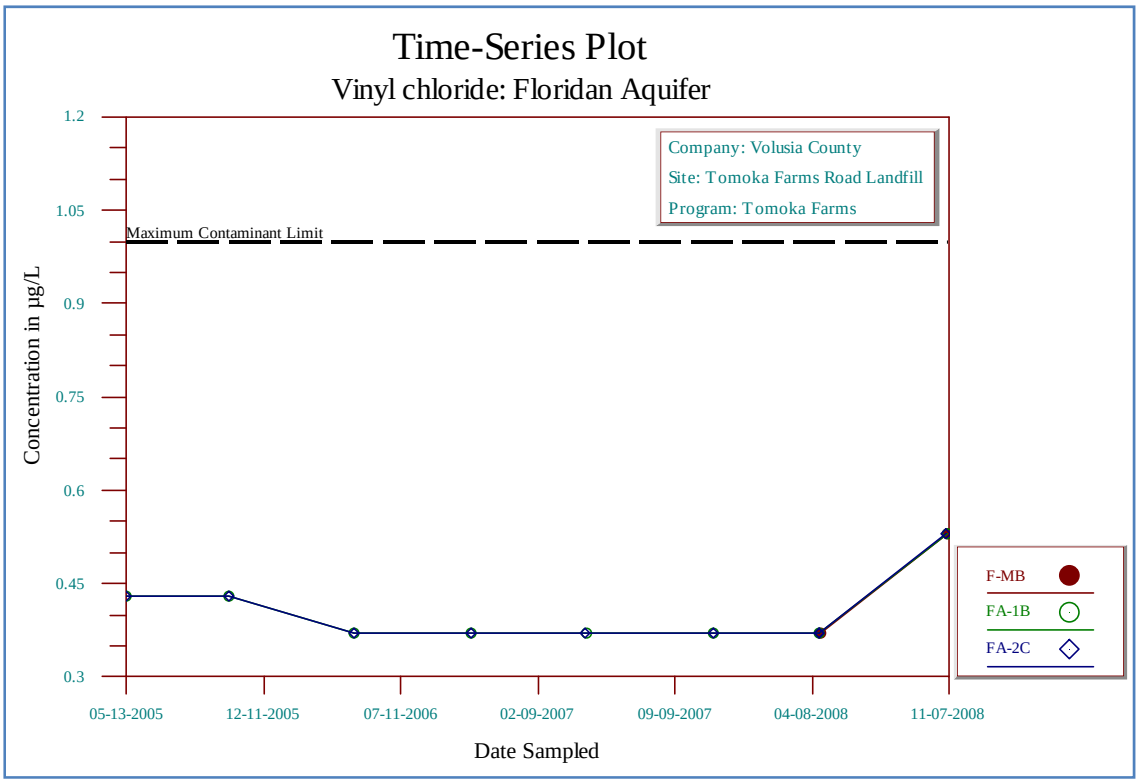

Time-Series Plot
pH: Floridan Aquifer
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in s.u.
9.6
8.8
8.0
7.2
6.4
04-17-2003
03-20-2004
02-22-2005
01-26-2006
12-31-2006
12-04-2007
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C


Time-Series Plot
Sodium: Floridan Aquifer
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
180.0
150.0
120.0
90.0
60.0
30.0
0.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

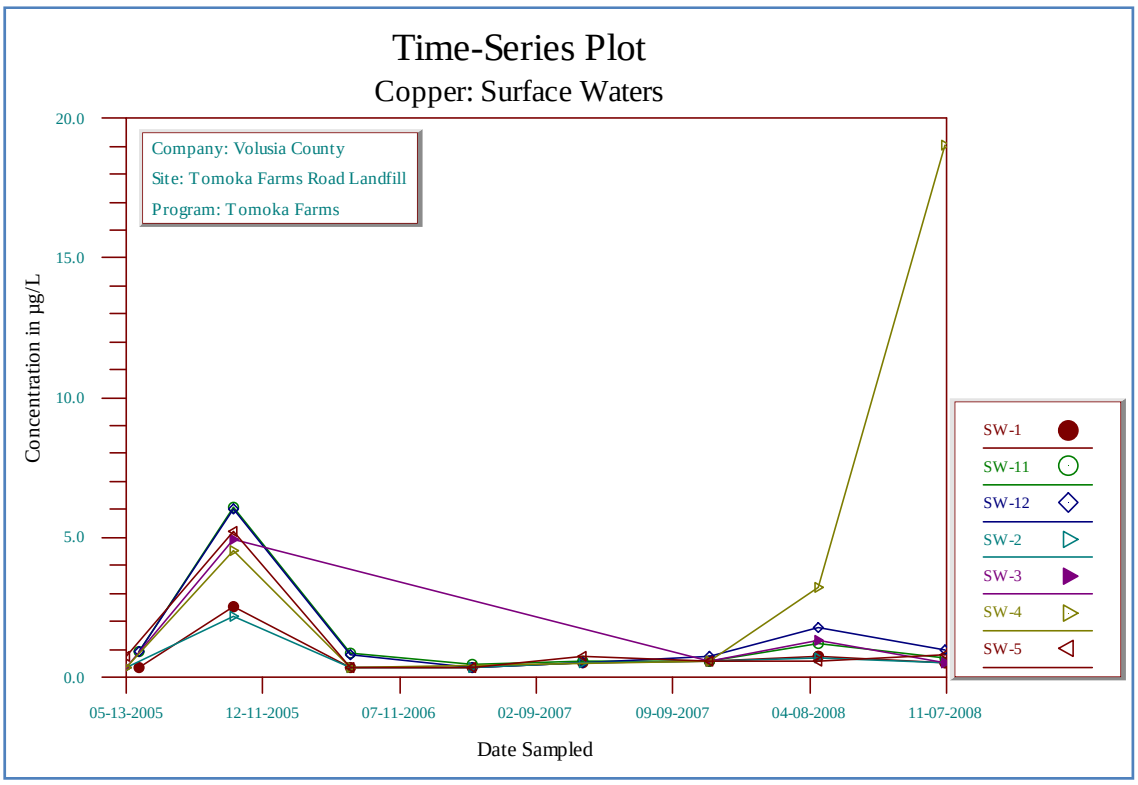

Time-Series Plot
Sulfate: Floridan Aquifer
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
270.0
225.0
180.0
135.0
90.0
45.0
0.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

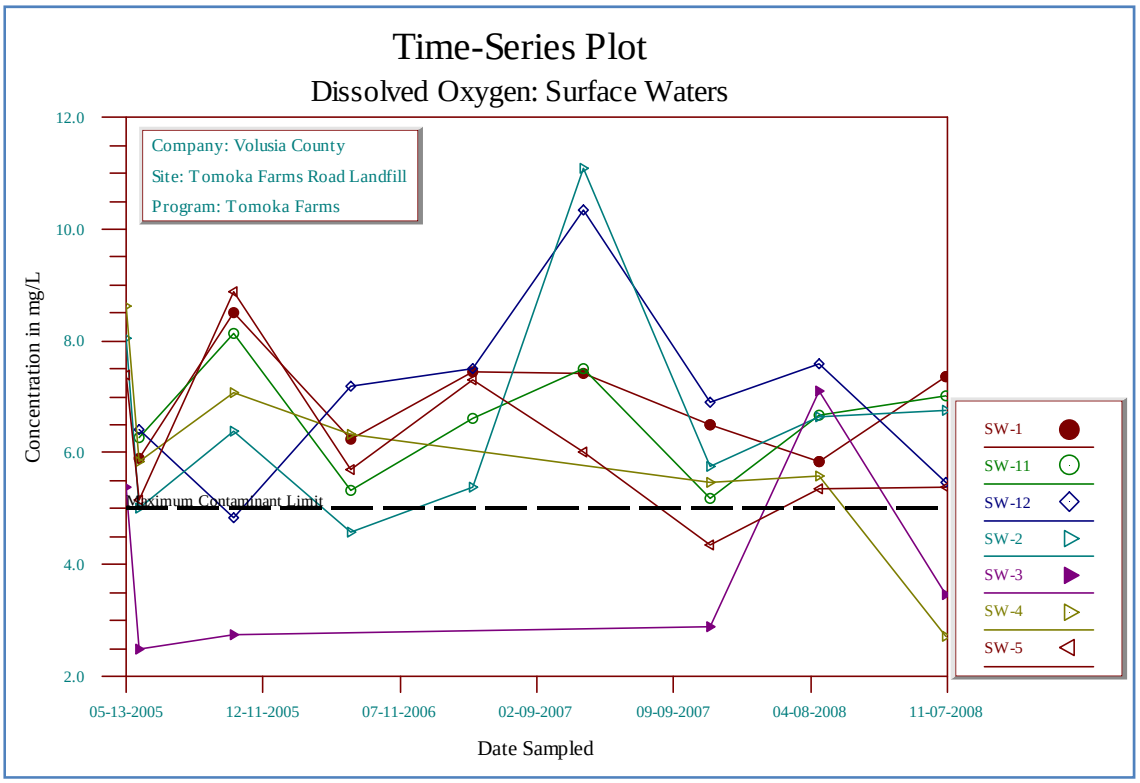

Time-Series Plot
Solids, Total Dissolved: Floridan Aquifer
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
525.0
450.0
375.0
300.0
225.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

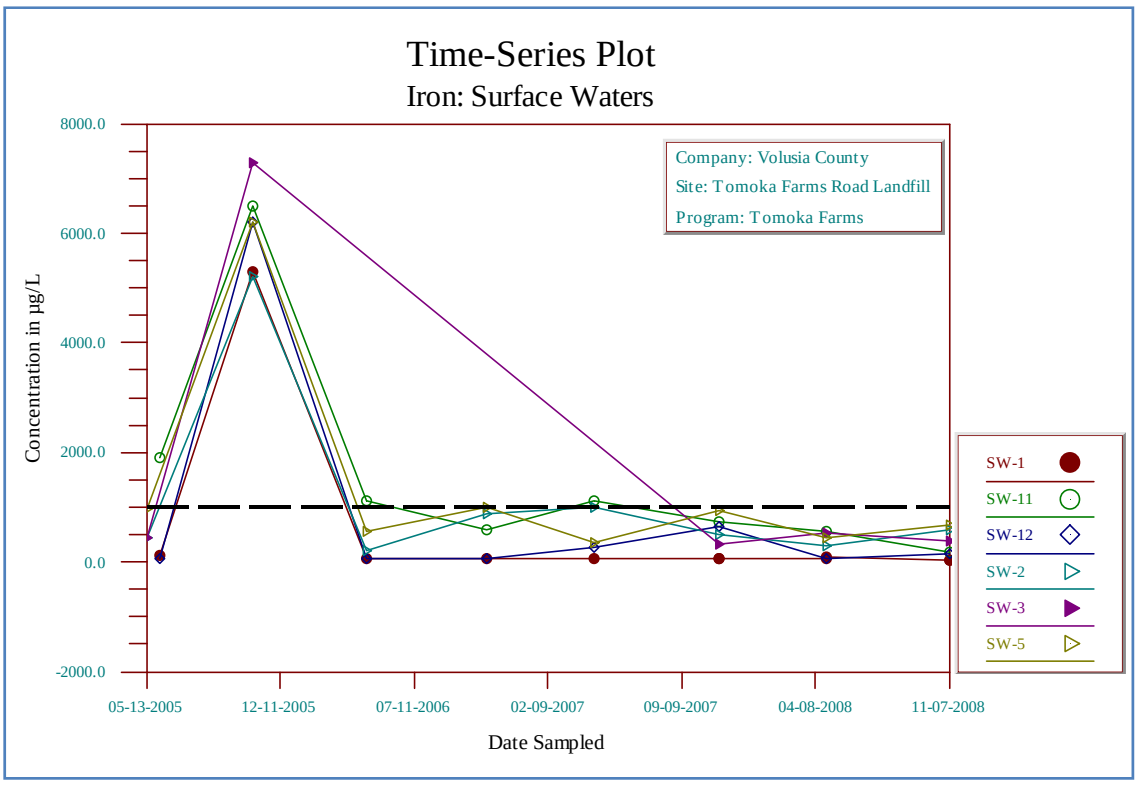

Time-Series Plot
Benzene: Floridan Aquifer
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.2
0.9
0.6
0.3
0.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

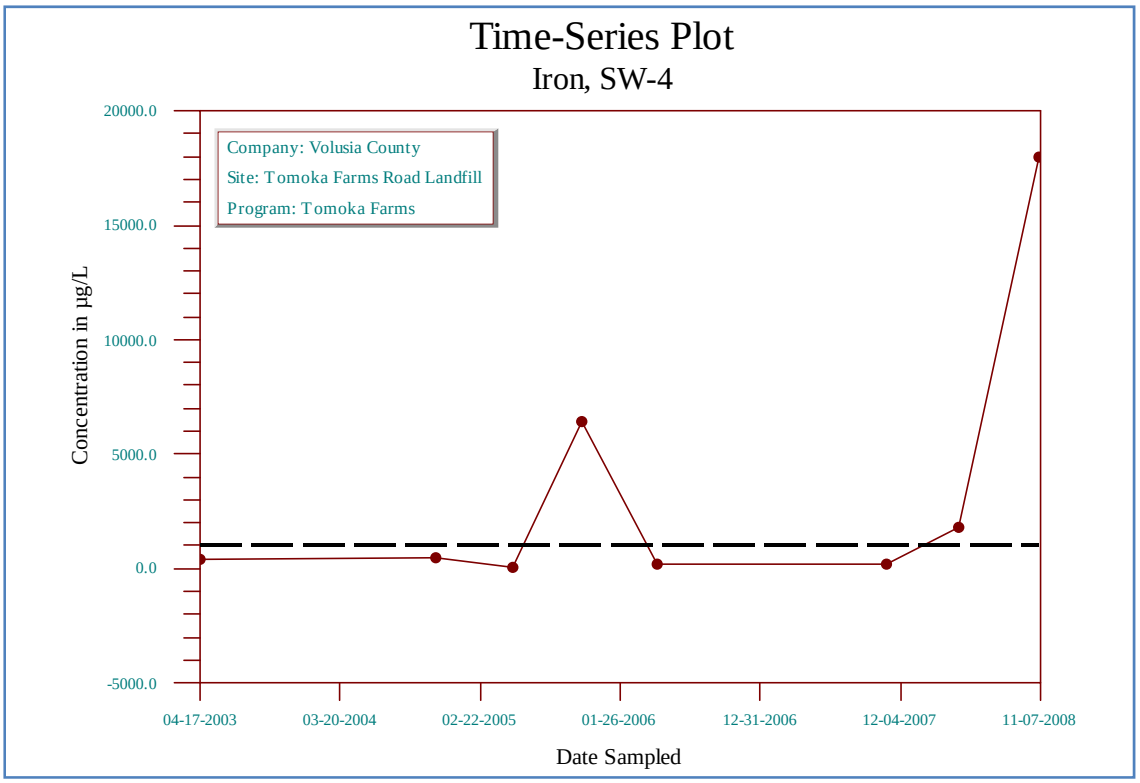

Time-Series Plot
Vinyl chloride: Floridan Aquifer
Maximum Contaminant Limit
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
1.2
1.05
0.9
0.75
0.6
0.45
0.3
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
F-MB
FA-1B
FA-2C

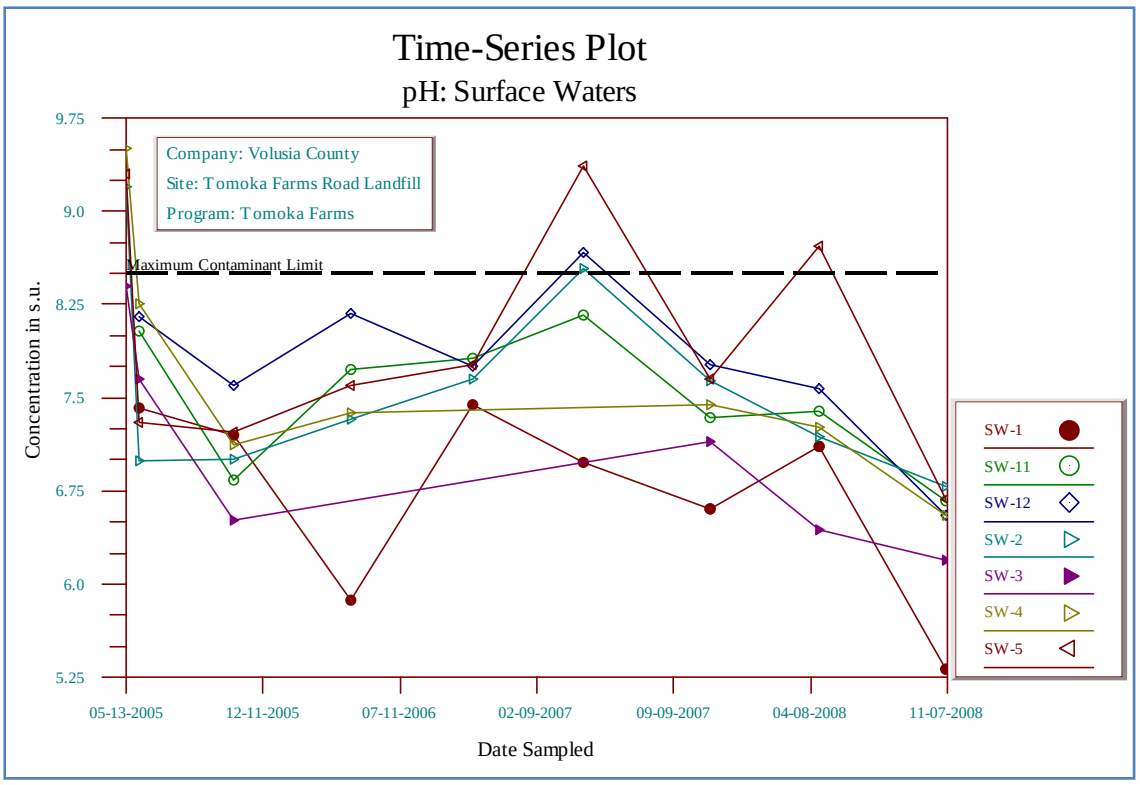
SURFACE WATER GRAPHS

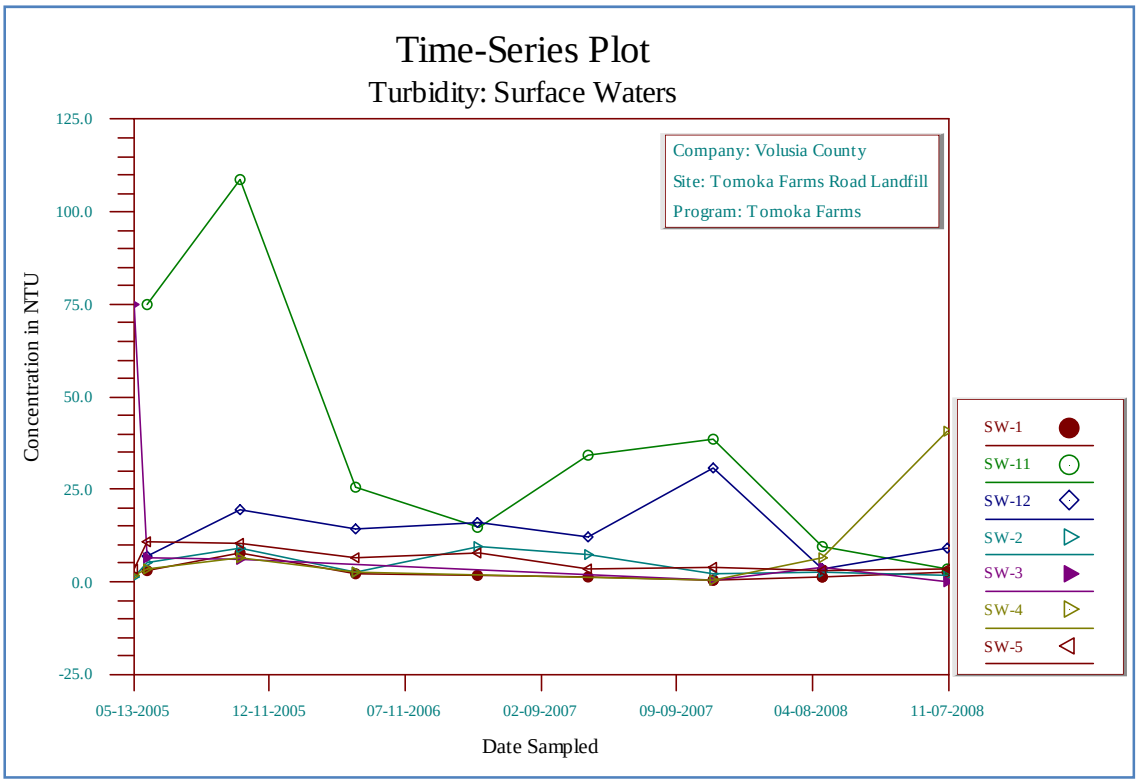

Time-Series Plot
Copper: Surface Waters
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
20.0
15.0
10.0
5.0
0.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
SW-1
SW-11
SW-12
SW-2
SW-3
SW-4
SW-5


Time-Series Plot
Dissolved Oxygen: Surface Waters
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in mg/L
12.0
10.0
8.0
6.0
4.0
2.0
Maximum Contaminant Limit
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
SW-1
SW-11
SW-12
SW-2
SW-3
SW-4
SW-5


Time-Series Plot
Iron: Surface Waters
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
8000.0
6000.0
4000.0
2000.0
0.0
-2000.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
SW-1
SW-11
SW-12
SW-2
SW-3
SW-5


Time-Series Plot
Iron, SW-4
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in µg/L
20000.0
15000.0
10000.0
5000.0
0.0
-5000.0
04-17-2003
03-20-2004
02-22-2005
01-26-2006
12-31-2006
12-04-2007
11-07-2008
Date Sampled


Time-Series Plot
pH: Surface Waters
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Maximum Contaminant Limit
Concentration in s.u.
9.75
9.0
8.25
7.5
6.75
6.0
5.25
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
SW-1
SW-11
SW-12
SW-2
SW-3
SW-4
SW-5


Time-Series Plot
Turbidity: Surface Waters
Company: Volusia County
Site: Tomoka Farms Road Landfill
Program: Tomoka Farms
Concentration in NTU
125.0
100.0
75.0
50.0
25.0
0.0
-25.0
05-13-2005
12-11-2005
07-11-2006
02-09-2007
09-09-2007
04-08-2008
11-07-2008
Date Sampled
SW-1
SW-11
SW-12
SW-2
SW-3
SW-4
SW-5