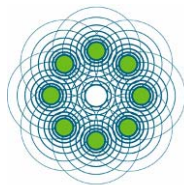

**Los Angeles Basin
Water Augmentation Study
Phase II Monitoring Report Update**



**The Los Angeles and San Gabriel Rivers
Watershed Council**

August 2008

Funding for this project has been provided in part by grants from the US Bureau of Reclamation and by the following cost-sharing partners:

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- City of Los Angeles Department of Water and Power
- City of Los Angeles Watershed Protection Division
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EXECUTIVE SUMMARY

The Los Angeles Basin Water Augmentation Study determined there is no significant degradation of groundwater quality from the infiltration of storm water-borne pollutants. Based on trend analysis collected between 2000 and 2007, groundwater quality was stable or improved for most constituents at sites with shallow groundwater and sites with deep groundwater.

Monitoring was conducted throughout the Los Angeles basin with various land uses including, two industrial sites, an elementary school, a commercial office building, a private residence, and a public park. Samples were collected from stormwater runoff, vadose zone (lysimeters), and groundwater and analyzed for more approximately 80 constituents of concern including metals, organics, general water quality parameters, and emerging contaminants.

The Los Angeles Basin Water Augmentation Study is a long-term research project led by the Los Angeles & San Gabriel Rivers Watershed Council in partnership with eight local, state, and federal agencies. The study is evaluating the practical potential to improve surface water quality and increase local groundwater supplies through infiltration of urban storm water runoff. The results from this research have led to the development of the Elmer Avenue Neighborhood Retrofit Project to showcase best management practices to increase infiltration of stormwater in existing infrastructure.

INTRODUCTION

The Los Angeles Basin Water Augmentation Study is a long-term research project led by the Los Angeles & San Gabriel Rivers Watershed Council in partnership with eight local, state, and federal agencies. The study is evaluating the practical potential to improve surface water quality and increase local groundwater supplies through infiltration of urban storm water runoff. Initiated in 2000, the study addresses a number of questions to better characterize the benefits of storm water capture and infiltration, including implications for NPDES and TMDL compliance; long-term impacts of infiltration on the vadose zone and groundwater quality and quantity; and appropriate and favorable geographic, geologic, and hydrologic conditions for infiltration. The overall goals of the study will be to evaluate the costs and benefits of implementation, and determine the most effective strategy for developing this potentially significant source of water for southern California.

The focus of the early phases of the study was to monitor the fate and transport of runoff-borne pollutants by measuring storm water quality at the surface, and as it infiltrates through the soil to groundwater. Phase I focused on water quality assessment on single parcels utilizing infiltration structures, by monitoring two locations for one winter season. Phase II expanded the monitoring in time and scope, adding new sites with different land uses, hydrogeology, and infiltration techniques, and included monitoring of all six sites for several years.

The Phase II final report published in 2005 provides a summary of monitoring activities and results for the first four years of the program. We conducted limited monitoring for an

additional two years after that report was published. This report provides information on activities undertaken during the entire monitoring phase of the project, from July 1, 2001 through July 31, 2007, and summary analysis of the water quality results from that monitoring. The Appendix includes complete water quality and soil data results, trend analysis graphs, and other technical data. Further details on the monitoring sites and the monitoring program criteria are contained in the 2005 report, on the Watershed Council's website: www.lasgrwc.org/WAS.htm.

MONITORING PROGRAM

Monitoring sites are located throughout the Los Angeles area and include two industrial sites, an elementary school, a commercial office building, a private residence and a public park (see

Figure 1. Monitoring Site Locations). The sites are as follows:

- Broadous Elementary School, Pacoima
- Hall House, Los Angeles (private residence)
- IMAX Corporation, Santa Monica (commercial building)
- Scrap Metal Recycler, Los Angeles (industrial)
- Recycling Transfer Facility , Sun Valley (industrial)
- Veterans Park, Long Beach

Groundwater depths range from 20 feet to over 350 feet below ground surface (Table 1. Monitoring Sites BMP Hydrology). All sites were retrofit with various infiltration structures, ranging from simple landscaped swales to large-scale underground infiltration fields. Monitoring equipment installed as part of the study included soil water samplers (lysimeters) installed beneath the ground surface, groundwater wells and soil moisture sensors. Soil samples were collected when the monitoring equipment was installed and again in 2005.

Two locations (Broadous & IMAX) were monitored during the 2001-02 winter and, with the addition of the residential location, three sites were monitored during 2002-03. The other three monitoring locations, two industrial and one commercial/recreational site, were added prior to the 2003-04 winter. Geomatrix Consultants designed and constructed the BMPs and installed monitoring equipment at these three sites. All six locations were monitored during the 2003-04 and 2004-05 seasons.

The initial monitoring program consisted of taking storm water runoff samples during storm events, and taking post-storm vadose zone samples from lysimeters and groundwater samples from monitoring wells. Pre-season and post-season groundwater samples were also collected. Collectively, the six sites represent 12 storm water sample collection points, 17 lysimeters, and 10 groundwater wells.

A supplemental program of subsurface monitoring was conducted for an additional two years. Monitoring during 2006 and 2007 included all sites except the Hall House, which

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does not have a groundwater well. We conducted post-storm monitoring of lysimeters and groundwater wells and pre- and post-season groundwater sampling. No storm water samples were collected, as surface runoff quality was previously well-characterized at these sites. Monitoring was scheduled after significant storm events and late in the storm season, to ensure that infiltration to the deepest lysimeters would occur.

Analytical Suite

A summary of the analytical suite is presented in Table 3. Additionally, temperature, pH and conductivity were measured in the field. During the last two years of monitoring, the analytical suite was limited to metals, general parameters, volatile organics, and perchlorate. Not all constituents were analyzed from lysimeter samples, for several reasons. Sampling from the lysimeters is restricted by the amount of water that can be evacuated from a lysimeter, which varies according to soil moisture conditions. Additionally, some analytes, such as total suspended solids and turbidity, are not measurable from a lysimeter sample as they would be filtered by the lysimeter itself. Therefore, the sampling suite for lysimeters was reduced to selected priority analytes. A detailed list of constituents, including detection limits and laboratory methods, is provided in Appendix B. All soil and water samples were analyzed by a state-certified laboratory.

Some constituents consistently resulted in non-detects at all sample points. Bacteriological constituents (total coliforms, *E. coli*, and fecal coliforms) occur in storm water, sometimes in very high concentrations, but detections in the lysimeter and groundwater samples were extremely low or not detected at all. At the end of each season, the TAC revisited the constituent list to eliminate some of these constituents for the next season. For example, NDMA, pesticides, 1,4-Dioxane and bacteriological constituents were dropped from the list for the oldest sites after two years, and for the newest sites after one round of samples. Fuel oxygenates, in addition to MtBE, were added to the organics analysis (DIPE, ETBE, TAME, TBA and ethanol). The detection limit for 1,2,3-trichloropropane, an emerging contaminant in groundwater, was reduced to 0.005 µg/L for one round of samples at all sites.

Description of the Storm Seasons

Annual rainfall for the six monitoring locations is shown in Figure 3, measured from the nearest Los Angeles County rain gauge. The four years of monitoring saw a wide range of rainfall variability, from the driest years on record (2001-02 and 2006-07) to the second wettest year on record (2004-05). Rainfall varied geographically as well during the study. Total rainfall amounts during 2004-05 ranged from about 22 inches at Veterans Park, to over 37 inches at the Sun Valley site. This spatial and temporal variability presented challenges not just for monitoring, but also for designing appropriately sized infiltration facilities to capture runoff cost-effectively.

MONITORING RESULTS

Monitoring results include all analytical results from:

- Soil samples collected from all sites during lysimeter installation (pre-infiltration) and at the end of the initial monitoring phase in 2005.
- Pre- and post-season groundwater samples from up gradient and down gradient wells at each site except the residential site.
- Storm water samples at all sites.
- Post-storm lysimeter samples from all sites.
- Post-storm groundwater samples from down gradient wells.

Comprehensive water quality and soil sample analytical results for each site are presented in Appendix C and D, respectively. The concentration ranges for selected water quality constituents (minimum and maximum detected values) are presented in summary tables for each site in this report (Tables 4 to 9). The summary tables contain the ranges of analytical results for general monitoring parameters, metals, biological and other constituents of concern, and any VOCs and SVOCs detected in at least one sample. Polycyclic aromatic hydrocarbons, or PAHs, were not detected in any sample during the course of this study.

Water quality results were analyzed both temporally and spatially. Time-concentration charts were plotted for constituent concentrations at each monitoring point over the period of the monitoring program. Mann-Kendall trend analysis was conducted, which indicates whether there is a significant increasing or decreasing trend in concentrations for any constituent at a given monitoring point. This analysis was performed for over 600 combinations of constituent and monitoring point. The time-concentration charts and the results of the Mann-Kendall trend analysis are contained in Appendix E. For spatial analysis, depth-concentration charts were plotted that show the variation in concentrations for a particular constituent between each sampling point by depth. These are contained in Appendix F. Examples of the two types of charts are included for chloride at Veterans Park (Figure 4 and 5).

Discussion of Analytical Results

This discussion includes the results reported in the 2005 report, and an updated discussion of trends detected in groundwater quality. Overall, trends observed from the initial monitoring period have continued: data collected to date indicate that there is no significant degradation of groundwater quality from the infiltration of storm water-borne pollutants, and groundwater quality is stable or improved for most constituents at sites with shallow groundwater. Thus we continue to find that there are still no significant trends indicating that infiltration of storm water runoff is negatively impacting groundwater at these sites.

Time-concentration Trends

Of the over 600 Mann-Kendall trend analysis tests conducted, less than 80 trends were detected in subsurface samples (lysimeter and groundwater) over the entire monitoring period. Most of these, 84%, were negative trends. Positive trends were detected for four constituents in groundwater sampling locations, as discussed below.

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1. Chloride in the monitoring well at the metal recycler. The increase in chloride at the metal recycler is likely not due to contributions from storm water, given the depth to groundwater at that site. Concentrations are consistently higher in groundwater than in storm water, and there are no corresponding increasing trends in any of the lysimeters at that site indicating downward migration of chloride.
2. Chloride in one monitoring well at Veterans Park. While concentrations of chloride in groundwater well #1 show an increasing trend, the other three wells and the two lysimeters have statistically significant downward trends in concentration. MW-01 is the furthest monitoring point from the infiltrator and the least likely to be impacted by infiltrating storm water. It is possible that chloride from the vadose zone could be mobilized by infiltrating water and transported to the vicinity of MW-01. This lateral transport might be possible because of the amount of clay in the subsurface.
3. Nitrate in one monitoring well at Veterans Park Nitrate in monitoring well #2 appears to indicate an increasing trend, but may actually be a false positive. Concentrations of nitrate are low in all samples, ranging from 0.56 to 3.9 mg/L, lower than that of the other groundwater wells at the site. There are decreasing trends in nitrate in the two adjacent wells (MW-03 and MW-04), and MW-02 seems to have stabilized over the past two years at about 3 mg/L.
4. Dissolved zinc in one monitoring well at Veterans Park. In monitoring well #3, dissolved zinc indicated a slight increasing trend in groundwater. Although statistically significant, concentrations are very low compared with the other wells at that site and have actually decreased since the fall of 2006. Storm water concentrations were much higher than groundwater, and fluctuated a great deal during the initial monitoring period thus no direct correlation is apparent. Zinc concentrations also decreased in soil samples during the same period.

In most cases, concentrations of metals tended to be higher in storm water than in subsurface water samples. Metal concentrations in subsurface samples showed continued variability and generally stable or decreasing concentrations. Exceptions are slightly increasing trends of copper and zinc in one of the lysimeters at the Sun Valley site that could be associated with infiltration of storm water with relatively higher concentrations of these metals. A similar trend occurred in one lysimeter at the metal recycler. These trends are not reflected in groundwater samples.

Other Results

As reported previously, soil appears to be very efficient at removing bacteria from storm water. Total coliforms were detected at high levels in nearly all storm water samples at all sites, while fecal coliform and *E. coli* were detected in at least one storm water sample from each site except Hall House. With the exception of one sample at the Broadous School, bacteria were not detected, or detected at very low concentrations, in lysimeter and groundwater samples.

Most inorganic groundwater quality constituents do not show clear trends or show decreasing concentrations over the study period. Except in the four cases discussed above, concentrations do not show any statistically significant increases. Groundwater quality data from the shallow groundwater sites continue to show water quality improvements

(decreasing salt concentrations) potentially associated with dilution by infiltrating storm water.

At the non-industrial sites the concentrations of general monitoring parameters such as TDS and chloride tended to be less than or similar to concentrations in lysimeter and groundwater samples. This suggests that the infiltration of storm water is not likely to have a significant negative impact to groundwater from these constituents. At Veterans Park, concentrations of TDS, nitrate, chloride, and other salts in groundwater samples (including pre-infiltration background samples) was much higher than concentrations in storm water samples. Data collected to date continue to show that concentrations of many of these constituents in lysimeter and groundwater samples are decreasing with time, possibly due to dilution by infiltrated storm water.

Other than acetone, VOCs and SVOCs detected in storm water are different than VOCs detected in subsurface samples. VOCs detected in groundwater samples during the monitoring period were also detected in initial background samples. With the possible exception of occasional low level detections of acetone, VOCs in storm water do not appear to impact groundwater at all. At the industrial sites, groundwater constituents such as MtBE and chlorinated solvents were present in some lysimeter samples at greater concentrations than present in any storm water samples. This finding suggests the presence of subsurface contamination prior to the installation of storm water infiltration facilities.

Although perchlorate was detected in some storm water samples, there is no apparent correlation between storm water and groundwater detections. Other constituents of concern for groundwater (disinfection byproducts, 1,4-Dioxane, PAHs and DBCP) were not detected in storm water.

Summary

The data collected during this study show no immediate impacts, and no apparent trends to indicate that storm water infiltration will negatively impact groundwater at these sites. Over the long term, given the depth to groundwater at the two industrial sites and at Broadous, it seems unlikely that constituents introduced into the soil from storm water infiltration would migrate all the way to the groundwater at a detectable concentration. At the sites with shallow groundwater, water quality continues to show improvements for many constituents.

While variations in storm water and groundwater constituents between types of land use were apparent, they may not be a barrier to infiltration. Filtration methods employed at the industrial sites seemed to be effective at removing certain constituents prior to entering the infiltration system, which may make infiltration more feasible at these more contaminated sites. However, site characterization of surface and soil constituents at industrial sites should be conducted prior to implementing infiltration strategies.

While it is clear that site-specific conditions must be considered when urban runoff is considered for recharge as potable groundwater, it is also important to note that groundwater recharge offers a number of benefits to municipal water managers. Groundwater storage is less costly in terms of construction costs, environmental impacts, evaporation loss of water, and eutrophication as compared to surface-water reservoirs.

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Further, recharging groundwater puts the resource in closer proximity to the end-user than pumping water from reservoirs, an additional cost savings. With proper planning and research, the use of urban runoff for recharge of groundwater offers a viable alternative to relying solely on purchased water for such activities, water that may not be available in present quantities for purchase in the future. On average, over 500,000 acre-feet of runoff flow to the ocean from the Los Angeles County basin each year. If some portion of this water can be captured for reuse, the pressure on supplies in northern and central California may be moderated.

NEXT STEPS

The WAS is now in its eighth year and is currently funded through completion of the study in 2010.

Figure 6 illustrates each of the project phases, the goal of each, and sources of funding.

The third phase of the study will incorporate a demonstration project on a neighborhood scale. Plans are underway to retrofit a residential block in Sun Valley with Best Management Practices to address storm water infiltration as well as water conservation, pollution reduction and treatment, flooding, and community enhancement. Specific techniques will include conversion to native drought-tolerant landscapes, facilities to capture runoff for infiltration and reuse, and adding green space and habitat areas. The demonstration project will be monitored for water quality as well as for reduction of runoff and water use, changes in property values, and other potential benefits. This neighborhood project will provide a real-world model of addressing existing infrastructure and will serve to integrate many on-going efforts in the region to address flood management, water quality, water supply and environmental restoration. Our goal is to demonstrate how these approaches can be applied on a regional scale in Southern California as well as in other geographic regions.

In addition to the demonstration project, we are assessing the overall feasibility of utilizing infiltration techniques to capture storm water for groundwater recharge. The Bureau of Reclamation has developed a groundwater augmentation model to predict the amount of additional water that could be available for deep percolation if infiltration is increased. We are also developing a regional cost and benefit assessment to determine the real cost of this new water supply. The long-term goal of this project is a regional strategy for implementation.

APPENDIX

The following appendices are included on the project website www.lasgrwc.org/WAS.htm

Appendix A Site Location Maps

Appendix B Analytical List

Appendix C Complete Storm water, Lysimeter, and Groundwater Water Quality Results.

Appendix D Soil Analytical Results

Appendix E Time-Concentration Charts and Results of Trend Analysis

Appendix F Depth-Concentration Charts

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Table 1. Monitoring Sites BMP Hydrology

Parameter	Units	Broadous	IMAX	Hall House	Metal Recycler	Veterans Park	Sun Valley
Sample Point		Paved school yard	1) Roof 2) Parking lot	1) Roof 2) Driveway	Paved Yard	Parking lot	1) Roof 2) Paved Yard
Design Rainfall	inches	0.75	0.75	10	0.75	0.75	0.75
Design Storm Intensity (max)	in/hr	0.75	0.75	100-year event	0.75	0.75	0.75
Catchment Area (est)	sq. ft.	305,000	1) 47,916 2) 68,390	3,000	37,200	21,200	1) 51,000 2) 75,000
Runoff Volume	gallons	95,200	N/A	N/A	17,400	9,900	1) 23,850 2) 35,065
Design Runoff Rate	gal/min	N/A	N/A	N/A	286	165	1) 394 2) 580
BMP Inlet		Sheet flow direct to pretreatment separator	1) roof drain to dry well 2) Sheet flow into landscape strip	1) Roof drain to landscaping 2) Sheet flow to driveway drain	Sheet flow direct to sedimentation basin	Sheet flow to catch basin; piped to buried sedimentation vault	1) Roof drain direct to buried perforated pipes 2) Sheet flow direct to sedimentation basin
Sediment Removal		Yes	No	Yes	Yes	Yes	1) No 2) Yes
Oil/Grease Removal		Yes	No	Yes	Yes	No	1) No 2) Yes
Recharge Method		Buried infiltration units in gravel bed	Direct through soil	Buried dry well	Buried perforated pipeline in gravel bed	Buried perforated pipeline in gravel bed	Buried perforated pipeline in gravel bed

N/A: data not available

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Table 2. Monitoring Points

Site Name, Year Monitoring Started	Surface Water Monitoring Point ID	Surface Water Collection Point	Lysimeter ID	Installed Depth (ft)	Monitoring Well ID	Initial Groundwater Depth
Broadous 2001	B-SW-01	School Yard	B-LS-02*	24	B-MW-01	155 feet
					B-MW-02	139 feet
IMAX 2001	I-SW-01	Roof Drain	I-LS-01	8	I-MW-01	32 feet
	I-SW-02	Parking Lot	I-LS-03*	10	I-MW-02	31 feet
Hall House 2002	H-SW-01	Roof Drain	H-LS-01	8	none	
	H-SW-02	Driveway				
Veterans Park 2003	V-SW-01	Parking Lot	V-LS-01	15	V-MW-01	23 feet
	V-SW-02	Parking Lot	V-LS-02	15	V-MW-02	23 feet
					V-WM-03	23 feet
					V-MW-04	22 feet
Metal Recycler 2003	M-SW-01	Detention Basin Inlet	M-LS-01	37	M-MW-01	225 feet
	M-SW-02	Detention Basin Outlet	M-LS-02	51		
			M-LS-03	37		
			M-LS-04	51		
Sun Valley 2003	S-SW-01	Roof Drain	S-LS-01	25	S-MW-01	143 feet Installed casing to run geophysical logs. (groundwater depth is ~350 feet below surface)
	S-SW-02	Detention Basin Inlet	S-LS-02	47		
	S-SW-03	Detention Basin Outlet	S-LS-03	25		
			S-LS-04	47		
			S-LS-05	71		

*replaced original lysimeter in same vicinity (B-LS-01 and I-LS-02)

Table 3. Summary Analytical Suite

Category	Storm water and wells	Lysimeters
General Minerals	X	X
Trace Metals (total & dissolved)	X	X
Oil and Grease	X	Hall House
Perchlorate	X	X
Glyphosate	X	Vets Park
Volatile organic compounds (VOCs)	X	X
Semi-volatile organic compounds (SVOCs)	X	
NDMA	X	
Surfactants	X	
Bacteria (total coliform, fecal coliform, e. coli)	X	X

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Table 4. Summary Results – Broadous School

Constituent	Units ¹	Fraction	Monitoring Station ²				
			B-SW-01	B-LS-01	B-LS-02	B-MW-01	B-MW-02
General Monitoring Parameters							
Nitrate (as N)	mg/L	N/A	ND - 1	0.583 - 110	2.4 - 5.7	0.3 - 8.4	5.6 - 14
Total Kjeldahl Nitrogen	mg/L	N/A	1.1 - 6.2	--	ND - 1.3	ND - 0.56	ND - 0.35
Ammonia-Nitrogen	mg/L	N/A	ND - 1.02	0.14	ND - 0.35	ND - 0.14	ND - 0.33
Total Dissolved Solids	mg/L	N/A	43 - 330	78 - 1700	490 - 990	540 - 680	430 - 846
Total Suspended Solids	mg/L	N/A	12 - 200	130	--	ND - 2548	ND - 2100
Chemical Oxygen Demand	mg/L	N/A	23 - 220	247	ND - 120	ND - 32.37	ND - 120
Chloride	mg/L	N/A	2 - 72	70 - 160	34 - 130	22 - 87	19 - 38
Metals							
Aluminum	µg/L	Dissolved	ND - 259	ND	ND	ND	ND - 73.8
Aluminum	µg/L	Total	337 - 6500	ND - 68.7	ND	ND - 274	ND - 17900
Arsenic	µg/L	Dissolved	ND - 5.82	2.18 - 5.63	1.74 - 11.3	ND - 1	ND - 1.29
Arsenic	µg/L	Total	ND - 6.62	ND - 7.92	1.76 - 12.3	ND - 3.5	ND - 2.86
Cadmium	µg/L	Dissolved	ND	ND	ND - 0.789	ND	ND
Cadmium	µg/L	Total	ND - 0.663	ND	ND - 0.866	ND - 0.63	ND
Chromium, Hexavalent	µg/L	Dissolved	ND - 0.49	ND - 0.59	0.62 - 40	ND - 1.7	ND - 1.1
Copper	µg/L	Dissolved	ND - 22.1	5.83 - 66.9	2.68 - 19	ND - 5.27	ND - 87
Copper	µg/L	Total	4.33 - 39.9	10.3 - 220	2.85 - 19	ND - 73.1	ND - 87
Lead	µg/L	Dissolved	ND - 1.22	ND - 0.54	ND - 0.695	ND	ND - 9.56
Lead	µg/L	Total	0.716 - 36.3	ND - 6.44	ND - 0.84	ND - 34.7	ND - 30.4
Mercury	µg/L	Dissolved	ND	--	ND	ND	ND - 0.109
Mercury	µg/L	Total	ND - 0.122	ND	ND	ND	ND - 0.228
Zinc	µg/L	Dissolved	7.54 - 369	42.2 - 828	6.91 - 71.8	ND - 412	ND - 77.5
Zinc	µg/L	Total	14.1 - 369	ND - 2060	11.1 - 54.7	5.69 - 950	ND - 157
Other Constituents							
MBAS (Surfactants)	mg/L	N/A	ND - 0.38	--	--	ND	ND
Oil and Grease	mg/L	N/A	ND - 3.6	--	--	ND - 1.5	ND - 5.7
Perchlorate	µg/L	N/A	ND - 5.2	ND	ND - 0.3	ND - 0.64	ND - 1.1
Volatile Organic Compounds							
Benzene	µg/L	N/A	ND	ND	ND	ND - 2.3	ND - 1.6
Toluene	µg/L	N/A	ND	ND	ND	ND - 6.4	ND - 5.2

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Constituent	Units ¹	Fraction	Monitoring Station ²				
			B-SW-01	B-LS-01	B-LS-02	B-MW-01	B-MW-02
Ethylbenzene	µg/L	N/A	ND	ND	ND	ND - 1.2	ND - 1.1
o-Xylene	µg/L	N/A	ND	ND	ND	ND - 8.4	ND - 8.2
p/m-Xylene	µg/L	N/A	ND	ND	ND	ND - 5.7	ND - 5.2
Trichloroethylene (TCE)	µg/L	N/A	ND	ND	ND	ND - 2	ND - 1.4
Tetrachloroethylene (PCE)	µg/L	N/A	ND	ND	ND	ND - 44	ND - 40
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	ND	ND	ND	ND	ND - 0.54
1,1-Dichloroethane	µg/L	N/A	ND	ND	ND	0.8 - 1.2	ND
1,1-Dichloroethylene	µg/L	N/A	ND	ND	ND	ND - 5.2	0.98 - 1.7
1,2,4-Trimethylbenzene	µg/L	N/A	ND	ND	ND	ND - 1.1	ND - 1
1,3,5-Trimethylbenzene	µg/L	N/A	ND	ND	ND	ND - 1.1	ND - 1.3
2-Butanone (Methylethyl ketone)	µg/L	N/A	ND - 8.8	40	ND	ND - 1	ND
2-Hexanone	µg/L	N/A	ND - 0.93	ND	ND	ND	ND
Acetone	µg/L	N/A	ND - 37	ND	ND - 600	ND - 26	ND - 2.7
Bromoform	µg/L	N/A	ND	ND	ND	ND - 3.8	ND
Carbon disulfide	µg/L	N/A	ND	5.6	ND - 8.9	ND	ND
Chloroform	µg/L	N/A	ND	ND	ND	ND - 5.2	ND - 1.2
cis-1,2-Dichloroethene	µg/L	N/A	ND	ND	ND	ND - 0.71	ND
Dibromochloromethane	µg/L	N/A	ND	ND	ND	ND - 11	ND - 1.1
Dichlorobromomethane	µg/L	N/A	ND	ND	ND	ND - 8.6	ND - 0.56
Diethyl Ether	µg/L	N/A	ND - 0.8	ND	ND	ND	ND
Methylene Chloride	µg/L	N/A	ND - 1.6	ND	ND - 0.93	ND	ND
Naphthalene	µg/L	N/A	ND	ND	ND	ND - 1.1	ND - 1.1
Tert-Butyl Alcohol (TBA)	µg/L	N/A	ND	--	ND - 12	ND	ND
Tetrahydrofuran	µg/L	N/A	ND	94	ND	ND	ND
Semi-Volatile Organic Compounds							
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	ND - 20	--	--	ND - 150	ND - 74.3
Biological Parameters							
Total Coliforms	MPN/100 mL	N/A	1300 - 35000	ND - 90000	--	12 - 30000	ND - 11000
Fecal Coliform	MPN/100 mL	N/A	80 - 5000	ND	--	23	ND - 1.1
E. coli	MPN/100 mL	N/A	20 - 1300	ND	--	6.9	ND
1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, MPN/100 mL = most probable number per 100 milliliters.							
2. "--" indicates the constituent was not analyzed. Analytes not detected are indicated by ND.							

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Table 5. Summary Results – Hall House

Constituent	Units ¹	Fraction	Monitoring Station ²		
			H-SW-01	H-SW-02	H-LS-01
General Monitoring Parameters					
Nitrate (as N)	mg/L	N/A	ND - 0.39	0.24 - 1.5	ND - 0.28
Total Kjeldahl Nitrogen	mg/L	N/A	ND - 2	1.4 - 24	ND - 0.28
Ammonia-Nitrogen	mg/L	N/A	ND - 0.49	0.28 - 2	ND
Total Dissolved Solids	mg/L	N/A	10 - 82	28 - 48	290 - 610
Total Suspended Solids	mg/L	N/A	ND - 51	9.6 - 110	--
Chemical Oxygen Demand	mg/L	N/A	5 - 74	69 - 280	ND - 5.1
Chloride	mg/L	N/A	ND-3.2	ND-3.4	ND-65
Metals					
Aluminum	µg/L	Dissolved	ND	ND - 122	ND
Aluminum	µg/L	Total	ND - 2540	1340 - 8210	ND
Arsenic	µg/L	Dissolved	ND	ND - 1.19	ND - 4.26
Arsenic	µg/L	Total	ND - 1.31	ND - 3.56	ND
Cadmium	µg/L	Dissolved	ND - 0.396	ND	ND - 0.245
Chromium, Hexavalent	µg/L	Dissolved	ND - 0.41	ND - 0.95	0.37 - 0.66
Copper	µg/L	Dissolved	1.3 - 6.93	3.81 - 17	1.58 - 7.71
Copper	µg/L	Total	1.55 - 41.3	28.8 - 123	2.43 - 6.4
Lead	µg/L	Dissolved	1.86 - 6.16	0.522 - 3.12	ND - 0.591
Lead	µg/L	Total	8.81 - 99.3	46 - 138	ND - 0.598
Mercury	µg/L	Dissolved	ND	ND	ND
Zinc	µg/L	Dissolved	86.3 - 496	27.4 - 88.1	ND - 56.9
Zinc	µg/L	Total	93.4 - 933	189 - 849	6.36 - 38.3
Other Constituents					
MBAS (Surfactants)	mg/L	N/A	ND - 0.37	ND - 0.36	--
Oil and Grease	µg/L	N/A	ND - 2.2	1.6 - 52	ND - 1.1
Volatile Organic Compounds					
2-Butanone (Methylethyl ketone)	µg/L	N/A	ND	ND - 1.8	ND
Acetone	µg/L	N/A	7.9 - 26	6.6 - 15	ND
Carbon disulfide	µg/L	N/A	ND	ND	ND - 3.6
Tert-Butyl Alcohol (TBA)	µg/L	N/A	ND	ND	ND - 12
Semi-Volatile Organic Compounds					
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	ND	400	--
Biological Parameters					
Total Coliforms	MPN/100 mL	N/A	ND - 600	--	--
Fecal Coliform	MPN/100 mL	N/A	ND	--	--
E. coli	MPN/100 mL	N/A	ND	--	--
1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, MPN/100 mL = most probable number per 100 milliliters.					
2. "--" indicates the constituent was not analyzed. Analytes not detected are indicated by ND.					

Table 6. Summary Results – IMAX

Constituent	Units ¹	Fraction	Monitoring Station ²						
			I-SW-01	I-SW-02	I-LS-01	I-LS-02	I-LS-03	I-MW-01	I-MW-02
General Monitoring Parameters									
Nitrate (as N)	mg/L	N/A	0.15 - 0.44	ND - 1.2	7.7 - 320	0.77 - 8.2	ND - 1	3.2 - 16	7.2 - 25
Total Kjeldahl Nitrogen	mg/L	N/A	ND - 1.5	0.84 - 2.1	ND - 1.4	ND	ND - 0.7	ND - 1	ND - 0.56
Ammonia-Nitrogen	mg/L	N/A	ND - 0.35	ND - 0.56	ND - 0.056	ND - 0.46	ND	ND - 0.337	ND - 0.14
Total Dissolved Solids	mg/L	N/A	6.7 - 34	6.7 - 37	710 - 3000	130 - 700	180 - 750	630 - 840	500 - 903
Total Suspended Solids	mg/L	N/A	ND - 110	ND - 140	--	--	--	7.1 - 130	ND - 1667
Chemical Oxygen Demand	mg/L	N/A	7.7 - 64	13 - 61	ND - 190	6 - 36	ND - 150	ND - 44	ND - 131.6
Chloride	mg/L	N/A	ND - 1.8	ND - 3.6	53 - 140	2.2 - 15	ND - 94	17 - 60	27 - 50
Metals									
Aluminum	µg/L	Dissolved	ND	ND - 105	ND	ND	ND	ND	ND
Aluminum	µg/L	Total	ND - 1180	105 - 952	ND - 455	124 - 455	ND - 440	8.8 - 3680	ND - 495
Arsenic	µg/L	Dissolved	ND	1.3 - 138	1.62 - 8.26	2.2 - 22.1	ND - 4.77	ND - 1.4	ND - 2
Arsenic	µg/L	Total	ND - 6.51	1.44 - 153	1.51 - 18.2	9.74 - 28.6	ND - 5.39	ND - 4.3	ND - 5.15
Cadmium	µg/L	Dissolved	ND	ND	ND - 0.524	ND	ND	ND	ND
Cadmium	µg/L	Total	ND - 0.997	ND - 0.267	ND - 0.626	ND	ND	ND - 0.751	ND
Chromium, Hexavalent	µg/L	Dissolved	ND - 0.3	ND - 0.61	2 - 35.2	8.4 - 74	0.32 - 1	ND - 24	ND - 18
Copper	µg/L	Dissolved	1.17 - 8.2	1.99 - 137	ND - 38.7	ND - 4.48	ND - 1.32	ND - 5.22	ND - 38.5
Copper	µg/L	Total	2.51 - 37.7	4.99 - 157	3.65 - 41.2	3.01 - 34	ND - 1.78	ND - 20.8	ND - 47.3
Lead	µg/L	Dissolved	ND	ND - 0.769	ND - 0.866	ND	ND	ND	ND - 0.816
Lead	µg/L	Total	ND - 76.4	0.95 - 13.7	ND - 6.3	0.723 - 9.4	ND	ND - 3	ND - 11.2
Mercury	µg/L	Dissolved	ND	ND	ND	ND	ND	ND	ND - 0.154
Mercury	µg/L	Total	ND	ND	ND	ND	ND	ND	ND - 0.181
Zinc	µg/L	Dissolved	37.7 - 169	32.5 - 757	25 - 130	21 - 4650	6.89 - 35.2	ND - 75.3	ND - 400
Zinc	µg/L	Total	60.6 - 566	50.3 - 1240	62.8 - 209	120 - 7050	8.5 - 46.8	ND - 80.1	ND - 400
Other Constituents									
MBAS (Surfactants)	mg/L	N/A	ND - 0.19	ND - 0.27	--	--	--	ND - 0.19	ND - 0.27

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Constituent	Units ¹	Fraction	Monitoring Station ²						
			I-SW-01	I-SW-02	I-LS-01	I-LS-02	I-LS-03	I-MW-01	I-MW-02
Oil and Grease	mg/L	N/A	ND - 58	ND - 2	--	--	--	ND - 1	ND - 1.7
Perchlorate	µg/L	N/A	ND - 14	ND	ND - 110	ND	ND - 1.6	ND - 8.2	ND - 15
Volatile Organic Compounds									
Methyl-t-Butyl Ether (MtBE)	µg/L	N/A	ND	ND - 0.52	ND	ND - 0.54	ND	ND	ND - 1.3
Benzene	µg/L	N/A	ND	ND	ND	ND	ND	ND - 3.1	ND - 2.6
Toluene	µg/L	N/A	ND	ND	ND	ND	ND	ND - 7.5	ND - 16
Ethylbenzene	µg/L	N/A	ND	ND	ND	ND	ND - 27	ND - 2.1	ND - 9.3
o-Xylene	µg/L	N/A	ND	ND	ND	ND	ND - 37	ND - 10	ND - 19
p/m-Xylene	µg/L	N/A	ND	ND	ND	ND	ND - 170	ND - 7.6	ND - 33
Trichloroethylene (TCE)	µg/L	N/A	ND	ND	ND	ND	ND	ND - 16	ND - 88
Tetrachloroethylene (PCE)	µg/L	N/A	ND	ND	ND	ND	ND	ND - 54	ND - 38
1,2,4-Trimethylbenzene	µg/L	N/A	ND	ND	ND	ND	ND - 2.1	ND - 1.9	ND - 6.9
1,3,5-Trimethylbenzene	µg/L	N/A	ND	ND	ND	ND	ND - 0.6	ND - 1.3	ND - 3
2-Butanone (Methylethyl ketone)	µg/L	N/A	ND - 1.5	ND - 1.7	ND	ND - 1	ND	ND	ND
Acetone	µg/L	N/A	2.5 - 17	2.6 - 15	ND - 5.7	ND - 13	ND - 2.1	ND - 2.7	ND - 3.1
Bromoform	µg/L	N/A	ND	ND	ND	ND	ND	ND - 1	ND
Carbon disulfide	µg/L	N/A	ND	ND	ND - 1.2	ND - 1	1.4 - 24	ND	ND
Chloroform	µg/L	N/A	ND	ND	ND	ND	ND - 0.77	ND - 6.2	ND - 1.2
Dibromochloromethane	µg/L	N/A	ND	ND	ND	ND	ND	ND - 4.4	ND
Dichlorobromomethane	µg/L	N/A	ND	ND	ND	ND	ND	ND - 6.4	ND
Diethyl Ether	µg/L	N/A	ND - 0.88	ND - 1.2	ND	ND	ND	ND	ND
Methylene Chloride	µg/L	N/A	ND - 0.56	ND	ND - 1.1	ND	ND - 1.2	ND	ND - 2.9
Naphthalene	µg/L	N/A	ND	ND	ND	ND	ND	ND - 2.1	ND - 1.6
n-Propylbenzene	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND - 0.75
Tert-Butyl Alcohol (TBA)	µg/L	N/A	ND	ND	ND - 13	ND	ND	ND	ND
Semi-Volatile Organic Compounds									
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	ND	ND	--	--	--	ND - 13	ND - 202.3
Phenol	µg/L	N/A	ND	ND	--	--	--	ND	ND - 18

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Constituent	Units ¹	Fraction	Monitoring Station ²						
			I-SW-01	I-SW-02	I-LS-01	I-LS-02	I-LS-03	I-MW-01	I-MW-02
Biological Parameters									
Total Coliforms	MPN/100 mL	N/A	ND - 500	ND - 13000	ND - 8	ND - 13	--	ND - 800	ND - 110
Fecal Coliform	MPN/100 mL	N/A	ND - 20	ND - 260	ND	ND	--	ND	ND
E. coli	MPN/100 mL	N/A	ND - 20	ND - 120	ND	ND	--	ND	ND
1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, MPN/100 mL = most probable number per 100 milliliters.									
2. "--" indicates the constituent was not analyzed. Analytes not detected are indicated by ND.									

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Table 7. Summary Results - Metal Recycler

Constituent	Units ¹	Fraction	Monitoring Station ²						
			M-SW-01	M-SW-02	M-LS-01	M-LS-02	M-LS-03	M-LS-04	M-MW-01
General Monitoring Parameters									
Nitrate (as N)	mg/L	N/A	1.6 - 4.2	3.2 - 4.2	1.9 - 16	1 - 16	ND - 11	5.7 - 24	ND - 0.12
Total Kjeldahl Nitrogen	mg/L	N/A	6.4 - 11	8.3 - 9.5	ND - 2.7	ND - 1.4	0.98 - 1.3	1.4 - 2.5	ND - 1.1
Ammonia-Nitrogen	mg/L	N/A	0.84 - 1.9	0.91 - 2.5	ND - 2.1	ND - 0.28	ND	ND - 0.7	ND - 0.28
Total Dissolved Solids	mg/L	N/A	520 - 1400	670 - 1400	570 - 1700	630 - 1300	1100-1200	820 - 1330	840 - 1100
Total Suspended Solids	mg/L	N/A	61 - 1200	100 - 1200	--	--	--	--	ND - 20
Chemical Oxygen Demand	mg/L	N/A	570 - 3400	420 - 2100	5 - 54	13 - 46	23 - 79	64 - 240	ND - 57
Chloride	mg/L	N/A	35 - 100	50 - 72	28 - 110	35 - 99	60 - 140	36 - 120	70 - 95
Metals									
Aluminum	µg/L	Dissolved	ND - 248	ND - 379	ND	ND	ND	ND	ND
Aluminum	µg/L	Total	434 - 8360	868 - 5620	ND	ND	ND	ND	ND - 330
Arsenic	µg/L	Dissolved	ND - 2.96	ND - 2.94	ND - 5.14	ND - 3.1	0.98 - 13.9	1.19 - 5.67	0.566-5.65
Arsenic	µg/L	Total	1.72 - 11.9	4.16 - 10.3	ND - 4.02	0.992-2.98	ND - 13.5	1.57 - 5.44	1.07 - 8.39
Cadmium	µg/L	Dissolved	0.627 - 3.26	0.285-14.1	0.294-0.76	ND- 0.637	ND - 1.05	ND - 0.271	ND
Cadmium	µg/L	Total	9.1 - 24.1	11 - 46.4	0.33-0.797	ND- 0.732	ND - 1.02	ND - 0.269	ND
Chromium, Hexavalent	µg/L	Dissolved	6.3 - 74	ND - 52	ND - 3	ND - 4.2	ND - 26	3.5 - 14	ND - 0.23
Copper	µg/L	Dissolved	59.7 - 158	47 - 153	3.01 - 17.4	2.7 - 6.99	2.93 - 14.7	7.36 - 16.5	ND - 1.41
Copper	µg/L	Total	148 - 792	124 - 330	3.58 - 27.2	4.17 - 14.6	3.08 - 15	8.74 - 17.3	ND - 3.46
Lead	µg/L	Dissolved	11.8 - 120	3.69 - 185	ND - 6.82	ND - 0.632	ND - 1.62	ND - 0.95	ND
Lead	µg/L	Total	292 - 3020	460 - 1560	1.33 - 9.06	0.87 - 4.23	ND - 0.868	ND - 1.72	ND - 1.16
Mercury	µg/L	Dissolved	ND - 0.235	ND - 0.279	ND	ND	ND	ND	ND - 0.131
Mercury	µg/L	Total	0.994 - 8.19	1 - 3.92	ND	ND	ND	ND	ND - 0.103
Zinc	µg/L	Dissolved	16.9 - 244	26.6- 1550	35.7 - 101	20.6 - 165	19.5 - 106	21.2 - 46	ND - 14
Zinc	µg/L	Total	957 - 3220	1170-2790	64 - 141	18.5 - 195	12.2 - 92.5	11.4 - 57	ND - 39.3
Other Constituents									
MBAS (Surfactants)	mg/L	N/A	0.48 - 1.7	0.86 - 1.7	--	--	--	--	ND

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Constituent	Units ¹	Fraction	Monitoring Station ²						
			M-SW-01	M-SW-02	M-LS-01	M-LS-02	M-LS-03	M-LS-04	M-MW-01
Oil and Grease	mg/L	N/A	29 - 390	17 - 170	--	--	--	--	ND - 2.4
Perchlorate	µg/L	N/A	ND - 120	ND - 170	12 - 140	14 - 54	ND - 39	10 - 85	ND
Volatile Organic Compounds									
Methyl-t-Butyl Ether (MtBE)	µg/L	N/A	ND - 1.3	ND - 1.7	ND - 33	ND - 26	ND - 38	ND - 2.9	ND
Benzene	µg/L	N/A	ND - 0.83	ND - 2.3	ND - 0.65	ND - 2.3	ND - 0.7	ND	ND
Toluene	µg/L	N/A	ND - 5.8	ND - 25	ND - 13	ND - 5.8	ND - 3	ND	ND
Ethylbenzene	µg/L	N/A	ND - 2	ND - 7.1	ND - 4.3	ND - 0.7	ND - 0.93	ND	ND
o-Xylene	µg/L	N/A	ND - 3.8	ND - 11	ND - 8.1	ND - 1.5	ND - 2.9	ND	ND
p/m-Xylene	µg/L	N/A	ND - 8.6	ND - 28	ND - 19	ND - 2.7	ND - 3.7	ND	ND
Tetrachloroethylene (PCE)	µg/L	N/A	ND	ND	ND - 0.92	ND	ND - 1.1	ND	ND
1,1,2,2-Tetrachloroethane	µg/L	N/A	ND	ND	ND	ND - 0.55	ND	ND	ND
1,2,4-Trimethylbenzene	µg/L	N/A	ND - 4.3	ND - 10	ND - 4	ND - 1.5	ND - 0.83	ND	ND
1,3,5-Trimethylbenzene	µg/L	N/A	ND - 1.1	ND - 2.8	ND - 1.3	ND	ND	ND	ND
2-Butanone (Methylethyl ketone)	µg/L	N/A	5.2 - 14	5.4 - 32	ND	ND - 11	ND - 1.3	ND	ND
2-Hexanone	µg/L	N/A	ND	ND - 1.1	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	ND - 4	ND - 21	ND	ND	ND - 10	ND	ND
Acetone	µg/L	N/A	20 - 79	19 - 190	ND - 4.4	ND - 34	ND - 37	ND - 16	ND
Carbon disulfide	µg/L	N/A	ND	ND	ND - 6.9	ND - 3.5	ND - 2	ND - 0.57	ND - 1.7
Dichlorodifluoromethane	µg/L	N/A	ND - 4.1	ND - 3.8	ND	ND	ND	ND	ND
Diethyl Ether	µg/L	N/A	ND	ND - 1.1	ND	ND - 1.7	ND	ND	ND
Ethanol	µg/L	N/A	160 - 1200	120-22000	ND	ND - 3200	ND	ND	ND
Methyl Chloride	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND - 0.62
Methyl Methacrylate	µg/L	N/A	ND - 3.9	ND - 2.3	ND	ND	ND	ND	ND
Methylene Chloride	µg/L	N/A	ND - 0.52	ND - 0.55	ND	ND - 1.1	ND - 0.54	ND - 1.3	ND - 0.67
Naphthalene	µg/L	N/A	ND - 1.7	0.51 - 8.6	ND	ND	ND	ND	ND
n-Propylbenzene	µg/L	N/A	ND	ND - 1.1	ND - 0.69	ND	ND	ND	ND
Styrene	µg/L	N/A	ND - 1.3	ND - 1.5	ND	ND	ND	ND	ND
Tert-Butyl Alcohol (TBA)	µg/L	N/A	ND - 15	ND - 22	ND - 11	ND - 17	ND - 24	ND	ND

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Constituent	Units ¹	Fraction	Monitoring Station ²						
			M-SW-01	M-SW-02	M-LS-01	M-LS-02	M-LS-03	M-LS-04	M-MW-01
Tetrahydrofuran	µg/L	N/A	ND	ND - 11	ND	ND	ND - 3.6	ND	ND
Trichlorofluoromethane	µg/L	N/A	ND - 4.2	ND - 28	ND - 1	ND - 1.8	ND - 1.4	ND - 0.7	ND
Semi-Volatile Organic Compounds									
4-Methylphenol (p-Cresol)	µg/L	N/A	ND - 11	ND - 24	--	--	--	--	ND
4-Nitrophenol	µg/L	N/A	ND - 11	ND - 19	--	--	--	--	ND
Benzoic acid	µg/L	N/A	ND - 770	ND - 560	--	--	--	--	ND
Benzyl alcohol	µg/L	N/A	ND	ND - 40	--	--	--	--	ND
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	ND - 72	23 - 26	--	--	--	--	ND
Butyl Benzyl Phthalate	µg/L	N/A	ND - 15	ND - 11	--	--	--	--	ND
Dimethyl Phthalate	µg/L	N/A	ND - 11	ND	--	--	--	--	ND
Isophorone	µg/L	N/A	ND - 31	ND	--	--	--	--	ND
Phenol	µg/L	N/A	ND - 19	ND - 62	--	--	--	--	ND
Biological Parameters									
Total Coliforms	MPN/100mL	N/A	2400	270	20	ND	ND	ND	ND
Fecal Coliform	MPN/100mL	N/A	230	40	ND	ND	ND	ND	ND
E. coli	MPN/100mL	N/A	310	10	ND	ND	ND	ND	ND
1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, MPN/100 mL = most probable number per 100 milliliters.									
2. "--" indicates the constituent was not analyzed. Analytes not detected are indicated by ND.									

Table 8. Summary Results - Sun Valley

Constituent	Units ¹	Fraction	Monitoring Station ²								
			S-SW-01	S-SW-02	S-SW-03	S-LS-01	S-LS-02	S-LS-03	S-LS-04	S-LS-05	EV-10
General Monitoring Parameters											
Nitrate (as N)	mg/L	N/A	ND-0.62	ND-0.63	ND-1.8	0.98-15	1-17	1.9-22	0.43-36	ND-7.5	1.7-2.1
Total Kjeldahl Nitrogen	mg/L	N/A	0.7-3.6	1.4-11	1.5-13	ND-1.4	ND-0.84	0.42-1.1	ND-0.56	ND-6.7	ND-0.14
Ammonia-Nitrogen	mg/L	N/A	ND-0.7	0.21-1.8	0.28-1.2	ND-0.64	ND	ND	ND-0.28	ND-0.28	ND
Total Dissolved Solids	mg/L	N/A	44-94	48-420	76-460	340-920	610-2200	350-1000	310-1300	590-4500	400-430
Total Suspended Solids	mg/L	N/A	9.5-290	41-930	31-780	--	--	--	--	--	ND-14
Chemical Oxygen Demand	mg/L	N/A	13-170	48-730	71-900	ND-53	ND-20	ND-180	ND-18	5-180	ND-5.1
Chloride	mg/L	N/A	ND-2.7	ND-21	3.5-18	10-28	9.1-38	ND-30	ND-35	9.7-81	25-26
Metals											
Aluminum	µg/L	Dissolved	ND	ND-97.3	ND-198	ND	ND	ND	ND	ND	ND
Aluminum	µg/L	Total	84.5-2530	514-3660	406-6570	ND	ND-50.3	ND	ND	ND	ND
Arsenic	µg/L	Dissolved	ND-1.05	ND-11.6	1.1-9.93	1.08-15.7	1.7-11.4	ND-5.16	0.765-6.97	0.91-31.2	ND-0.879
Arsenic	µg/L	Total	ND-1.65	0.809-13.9	1.44-13	0.941-13.3	1.93-13.4	ND-6.65	1.09-7.79	0.97-30.6	ND-0.949
Cadmium	µg/L	Dissolved	ND-0.244	ND-0.764	ND-0.614	ND-0.272	ND-0.501	ND	ND-0.23	ND-0.586	ND
Cadmium	µg/L	Total	ND-1.41	0.474-1.93	0.238-2.74	ND-0.365	ND-0.318	ND-0.218	ND-0.293	ND-0.672	ND
Chromium, Hexavalent	µg/L	Dissolved	ND-0.48	ND-0.98	0.37-1.3	ND-15	ND-31	11-26	1.3-11	ND-1	0.23-0.62
Copper	µg/L	Dissolved	6.54-13.5	7.35-43.7	11.3-23.3	1.78-8.76	ND-7.77	1.14-8.2	2.47-41.5	ND-5.19	1.03-2.67
Copper	µg/L	Total	8.63-42.2	19.3-83.5	19.2-86.2	2.01-13.8	1.03-8.23	2.35-8.98	3-33.7	1.24-5.99	4-5.25
Lead	µg/L	Dissolved	ND-0.603	ND-6.09	ND-58.2	ND-0.592	ND	ND-0.608	ND-1.68	ND-0.838	ND
Lead	µg/L	Total	3.66-63.6	19.4-108	10.6-956	ND-5.46	ND-4.48	ND-1.51	ND-1.48	0.582-3.57	0.652-1.35
Mercury	µg/L	Dissolved	ND	ND-0.168	ND-0.192	ND	ND	ND	ND	ND	ND

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Constituent	Units ¹	Fraction	Monitoring Station ²								
			S-SW-01	S-SW-02	S-SW-03	S-LS-01	S-LS-02	S-LS-03	S-LS-04	S-LS-05	EV-10
Mercury	µg/L	Total	ND-0.181	ND-0.929	ND-1.27	ND	ND	ND	ND	ND	ND
Zinc	µg/L	Dissolved	23.4-74	38.5-174	43.6-350	ND-26.7	9.4-62.7	ND-20.2	18.7-49.9	7.37-28.6	14.2-61.6
Zinc	µg/L	Total	98.4-284	99-387	83.2-669	ND-46.2	12-128	8.37-59.8	17.7-89.3	10.2-95.2	40.8-67.9
Other Constituents											
MBAS (Surfactants)	mg/L	N/A	0.24-0.42	0.32-4.1	0.32-3.9	--	--	--	--	--	ND
Oil and Grease	mg/L	N/A	ND-5.7	2.2-48	2-54	--	--	--	--	--	ND
Perchlorate	µg/L	N/A	ND	ND-6.1	ND-6.5	ND-5.2	ND-1.9	ND-7.2	ND-4.2	ND-0.74	ND
Volatile Organic Compounds											
Methyl-t-Butyl Ether (MtBE)	µg/L	N/A	ND	ND	ND	ND	ND-7.3	ND	ND-1.3	ND	ND
Toluene	µg/L	N/A	ND	ND-0.59	ND-11	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND	ND	1.2-8.4
Tetrachloroethylene (PCE)	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND	ND	2.6-4.9
1,1,1-Trichloroethane	µg/L	N/A	ND	ND	ND	2-18	2.2-17	3.6-18	3.3-17	ND-1.6	ND
1,1-Dichloroethane	µg/L	N/A	ND	ND	ND	ND-1.6	ND-2.1	ND-1.4	ND-1.3	ND	0.96-3.6
1,1-Dichloroethylene	µg/L	N/A	ND	ND	ND	ND-3.7	ND-4.4	0.59-4.1	ND-4.4	ND-0.61	ND
1,2-Dichloroethane	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND-0.64
1,4-Dichlorobenzene	µg/L	N/A	ND	ND-4.7	ND-1.3	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	µg/L	N/A	ND	ND	ND	ND	ND	ND-0.97	ND	ND	ND
2-Butanone (Methylethyl ketone)	µg/L	N/A	ND-3.7	1.7-6.1	1-12	ND	ND-1.2	ND	ND	ND-670	ND
2-Hexanone	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND	ND-11	ND
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	ND	ND-7.2	ND-64	ND	ND	ND	ND	ND	ND
Acetone	µg/L	N/A	4-40	16-70	12-130	ND-7.3	6.4-30	ND-4.4	ND-5.5	35-2200	ND-2.5
Carbon disulfide	µg/L	N/A	ND	ND	ND	ND-54	ND-10	ND-76	ND-2.2	ND-1.8	ND
Chloroform	µg/L	N/A	ND	ND	ND	ND-0.62	ND	ND	ND	ND-2.1	ND
Dichlorodifluoromethane	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND	ND	4.1-5.8
Diethyl Ether	µg/L	N/A	ND	ND-0.94	ND-0.78	ND	ND	ND	ND	ND	ND
Ethanol	µg/L	N/A	ND-290	130-1900	ND-840	ND	ND	ND	ND	ND	ND

**Water Augmentation Study
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Constituent	Units ¹	Fraction	Monitoring Station ²								
			S-SW-01	S-SW-02	S-SW-03	S-LS-01	S-LS-02	S-LS-03	S-LS-04	S-LS-05	EV-10
Methyl Chloride	µg/L	N/A	ND-0.56	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	µg/L	N/A	ND	ND-1.3	ND	ND	ND	ND	ND	ND-47	0.73-0.81
Tert-Butyl Alcohol (TBA)	µg/L	N/A	ND	ND	ND	ND-24	ND-23	ND	ND-54	ND-10	ND
Trichlorofluoromethane	µg/L	N/A	ND	ND	ND	ND	ND	ND	ND	ND	0.75-1.1
Semi-Volatile Organic Compounds											
2-Methylphenol (o-Cresol)	µg/L	N/A	ND	ND-12	ND-19	--	--	--	--	--	ND
Benzoic acid	µg/L	N/A	ND	ND	150-280	--	--	--	--	--	ND
Benzyl alcohol	µg/L	N/A	ND	ND	ND-12	--	--	--	--	--	ND
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	ND	ND	13-32	--	--	--	--	--	ND
Butyl Benzyl Phthalate	µg/L	N/A	ND	ND	ND-10	--	--	--	--	--	ND
Diethyl Phthalate	µg/L	N/A	ND	ND-12	18-21	--	--	--	--	--	ND
Di-n-Butyl Phthalate	µg/L	N/A	ND	ND	ND-16	--	--	--	--	--	ND
Biological Parameters											
Total Coliforms	MPN/100mL	N/A	2300	> 160000	> 160000	ND	ND	ND	--	--	--
Fecal Coliform	MPN/100mL	N/A	2300	90000	160000	ND	ND	ND	--	--	--
E. coli	MPN/100mL	N/A	5040	73800	18500	ND	ND	ND	--	--	--
<p>1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, MPN/100 mL = most probable number per 100 milliliters.</p> <p>2. "--" indicates the constituent was not analyzed. Analytes not detected are indicated by ND.</p>											

**Water Augmentation Study
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Table 9. Summary Results - Veterans Park

Constituent	Units ¹	Fraction	Monitoring Station ²							
			V-SW-01	V-SW-02	V-LS-01	V-LS-02	V-MW-01	V-MW-02	V-MW-03	V-MW-04
General Monitoring Parameters										
Nitrate (as N)	mg/L	N/A	0.11 - 0.95	ND - 1.9	ND - 4.4	ND - 8.9	2.1 - 4.7	0.56 - 3.9	1.8 - 6	7.8 - 44
Total Kjeldahl Nitrogen	mg/L	N/A	2.5 - 10	4.2 - 6.6	ND - 1.4	0.56 - 3.4	0.42 - 1.1	ND - 1.3	ND - 0.98	0.7 - 2.5
Ammonia-Nitrogen	mg/L	N/A	0.6 - 1.6	0.21 - 1.8	ND - 0.56	ND - 0.56	ND	ND	ND	ND
Total Dissolved Solids	mg/L	N/A	20 - 290	130 - 470	610 - 2700	1640 - 4000	4200 - 7590	1020 - 2900	1200 - 2100	1970 - 6600
Total Suspended Solids	mg/L	N/A	20 - 390	42 - 210	--	--	3 - 43	ND - 54	ND - 110	ND - 230
Chemical Oxygen Demand	mg/L	N/A	53 - 530	150 - 690	ND - 160	41 - 250	61 - 110	ND - 75	ND - 94	15 - 160
Chloride	mg/L	N/A	1.6 - 26	5.2 - 31	12 - 240	82 - 440	1000 - 1700	64 - 290	100 - 180	230 - 1400
Metals										
Aluminum	µg/L	Dissolved	ND - 67.7	ND - 120	ND	ND	ND - 65.3	ND	ND - 141	ND - 218
Aluminum	µg/L	Total	302 - 2140	491 - 2740	ND	ND	96.4 - 612	ND - 805	ND - 1440	ND - 2440
Arsenic	µg/L	Dissolved	ND - 1.03	ND - 1.94	15.8 - 29	4.7 - 8.16	2.41 - 21.6	1.87 - 10.6	1.45 - 5.83	5.17 - 17.7
Arsenic	µg/L	Total	ND - 1.79	0.584 - 2.54	15.3 - 29.3	4.55 - 9.28	3.6 - 22.5	1.95 - 12.1	1.89 - 6.03	5.1 - 17.5
Cadmium	µg/L	Dissolved	ND	ND-0.316	0.23 - 0.401	ND- 0.306	ND- 0.361	ND	ND	ND
Cadmium	µg/L	Total	ND-0.513	ND-0.608	0.247-0.435	ND- 0.364	ND- 0.363	ND	ND	ND
Chromium, Hexavalent	µg/L	Dissolved	ND - 0.67	0.29 - 1.4	ND - 1.3	ND	ND - 0.27	0.26 - 2.9	ND - 2.7	ND - 0.52
Copper	µg/L	Dissolved	7.37 -24.1	8.77 -33.8	3.26 - 6.49	9.03 - 20.7	2.93 - 7.25	1.37 - 28.5	1.79 - 3.57	3.54 - 200
Copper	µg/L	Total	11.4 -45.9	23 - 52.3	3.18 - 7.76	9.41 - 23.6	2.72 - 7.73	1.68 - 53.5	2.13 - 5.39	4.18 - 228
Lead	µg/L	Dissolved	ND - 3.41	0.954- 3.3	ND - 0.631	ND	ND	ND	ND	ND- 0.536
Lead	µg/L	Total	3.96 -27.8	4.59 -22.6	ND - 0.816	ND	ND -0.682	ND - 1.45	ND - 1.89	ND - 2.4
Mercury	µg/L	Dissolved	ND -0.11	ND-0.117	ND - 0.119	ND	ND	ND- 0.105	ND- 0.164	ND- 0.149
Mercury	µg/L	Total	ND-0.138	ND-0.161	ND - 0.113	ND	ND	ND -0.195	ND - 0.2	ND - 0.16
Zinc	µg/L	Dissolved	38.2 - 114	34.5 - 207	ND - 30.5	ND - 36.3	ND - 38.4	ND - 30.3	ND - 11.4	ND - 59.7
Zinc	µg/L	Total	59.4 - 221	73.5 - 157	ND - 72	13.1 - 36.7	ND - 80.4	ND - 25.9	ND - 59.1	ND - 66

**Water Augmentation Study
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Constituent	Units ¹	Fraction	Monitoring Station ²							
			V-SW-01	V-SW-02	V-LS-01	V-LS-02	V-MW-01	V-MW-02	V-MW-03	V-MW-04
Other Constituents										
MBAS (Surfactants)	mg/L	N/A	0.24 - 1.1	0.11- 0.77	--	--	ND - 0.73	ND - 0.16	ND - 0.15	ND - 0.63
Oil and Grease	mg/L	N/A	1.5 - 15	2.1 - 6.1	--	--	ND - 1.6	ND - 3.5	ND - 7.4	ND - 19.6
Perchlorate	µg/L	N/A	ND	ND	ND	ND - 5.8	ND - 9	ND - 0.87	ND - 4.5	ND - 8.3
Glyphosate	µg/L	N/A	ND - 16.2	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds										
2-Butanone (Methylethyl ketone)	µg/L	N/A	ND - 2.9	ND - 4.3	ND	ND	ND	ND	ND	ND
Acetone	µg/L	N/A	5.8 - 19	2.6 - 18	ND - 2.5	ND	ND	ND - 2.7	ND	ND - 4.1
Chloroform	µg/L	N/A	ND	ND	ND - 1.7	ND - 0.95	ND	ND - 0.74	ND - 0.61	ND
Dibromochloromethane	µg/L	N/A	ND	ND - 0.69	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	µg/L	N/A	ND	ND - 0.51	ND	ND	ND	ND	ND	ND
Diethyl Ether	µg/L	N/A	ND - 0.97	ND - 0.71	ND	ND	ND	ND	ND	ND
Ethanol	µg/L	N/A	ND	ND - 250	ND	ND	ND	ND	ND	ND
Methyl Chloride	µg/L	N/A	ND	ND	ND - 0.6	ND - 0.72	ND	ND	ND	ND
Methylene Chloride	µg/L	N/A	ND	ND	ND	ND	ND - 0.64	ND - 0.73	ND - 0.65	ND - 0.63
Semi-Volatile Organic Compounds										
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	ND - 18	ND - 20	--	--	ND	ND	ND	ND
Biological Parameters										
Total Coliforms	MPN/100mL	N/A	30000	30000	ND	ND	ND	ND	ND	--
Fecal Coliform	MPN/100mL	N/A	ND	700	ND	ND	ND	ND	ND	--
E. coli	MPN/100mL	N/A	200	100	ND	ND	ND	ND	ND	--
<p>1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, MPN/100 mL = most probable number per 100 milliliters.</p> <p>2. "--" indicates the constituent was not analyzed. Analytes not detected are indicated by ND.</p>										

**Water Augmentation Study
Phase II Monitoring Report Update**

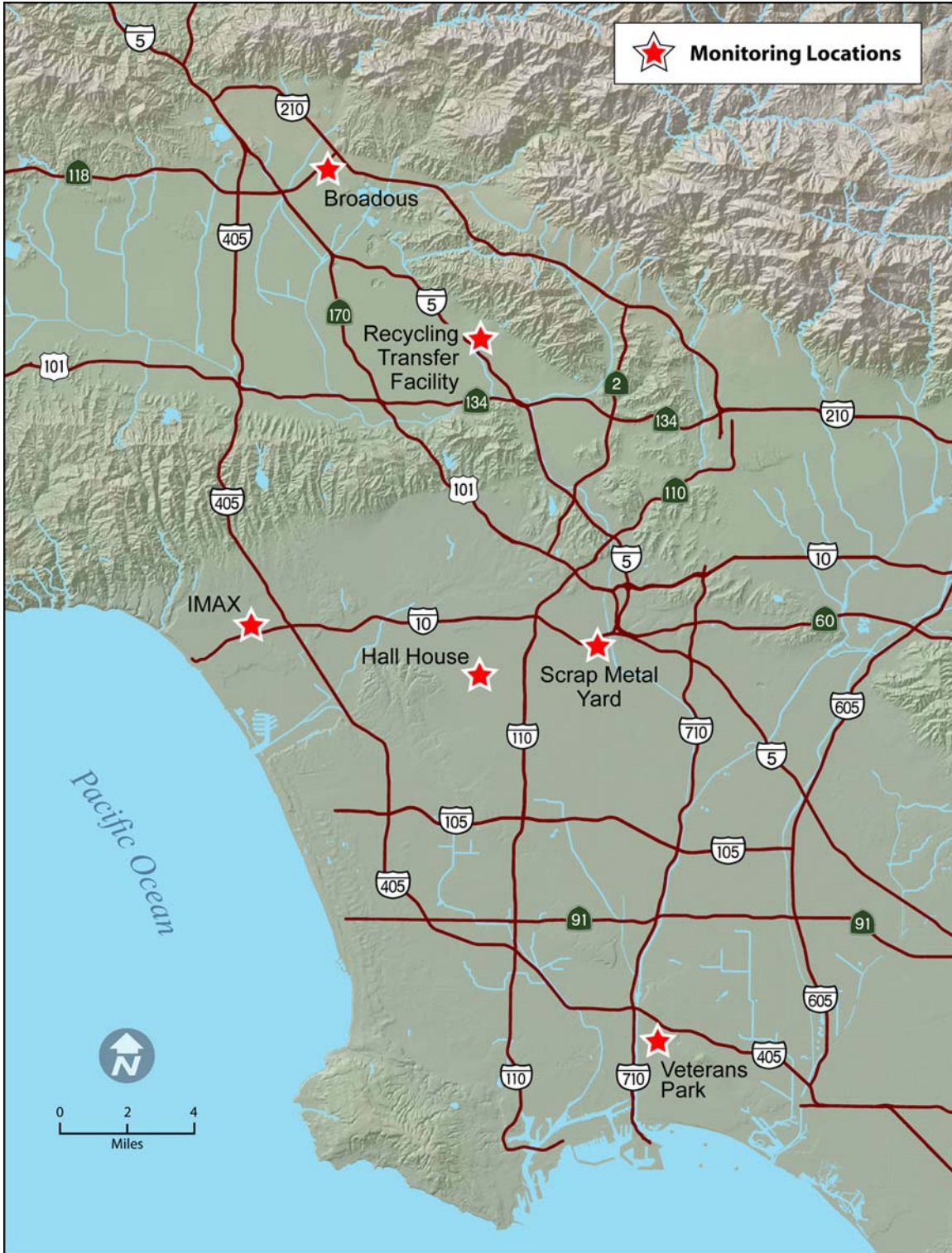


Figure 1. Monitoring Site Locations

Water Augmentation Study Phase II Monitoring Report Update



Broadous School play yard, Pacoima

IMAX site, Santa Monica

Hall House front yard, Los Angeles

Metal Recycler detention basin, Los Angeles

Sun Valley recycling facility detention basin

Veterans Park parking lot, Long Beach

Figure 2. Monitoring Sites

Water Augmentation Study
Phase II Monitoring Report Update

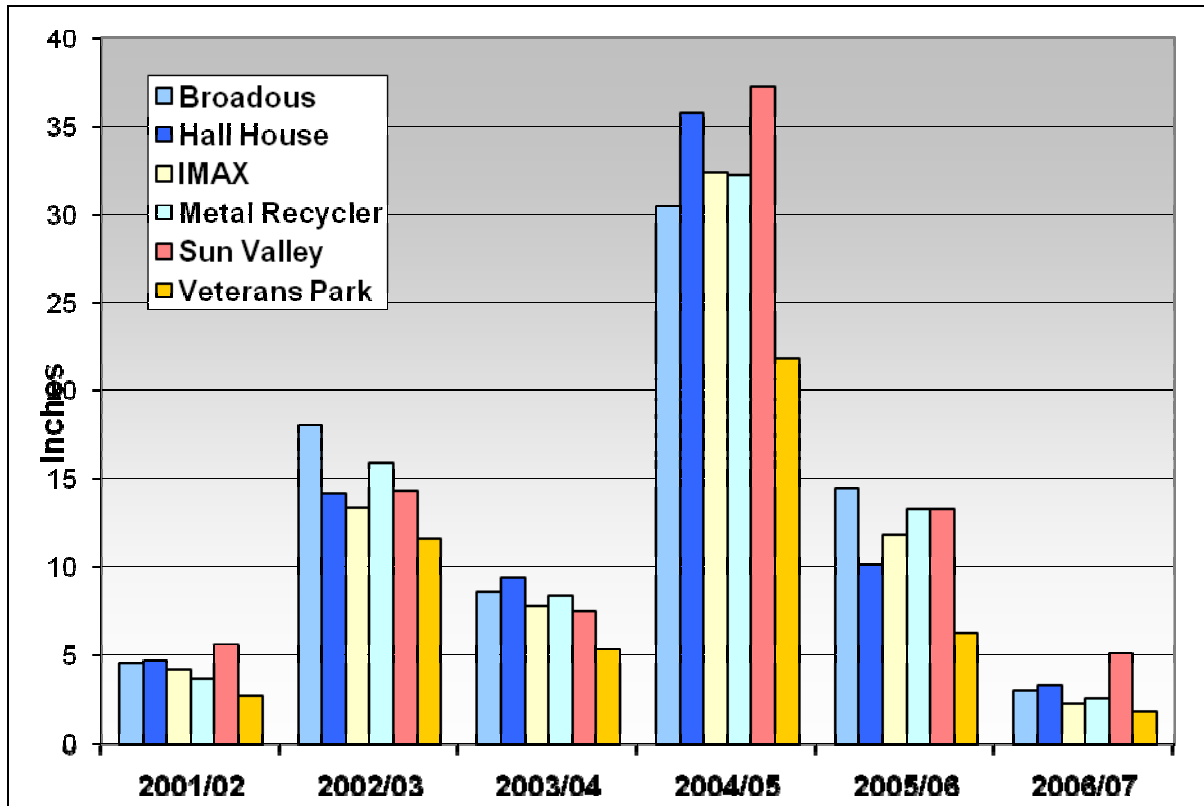


Figure 3. Annual Rainfall by Monitoring Site

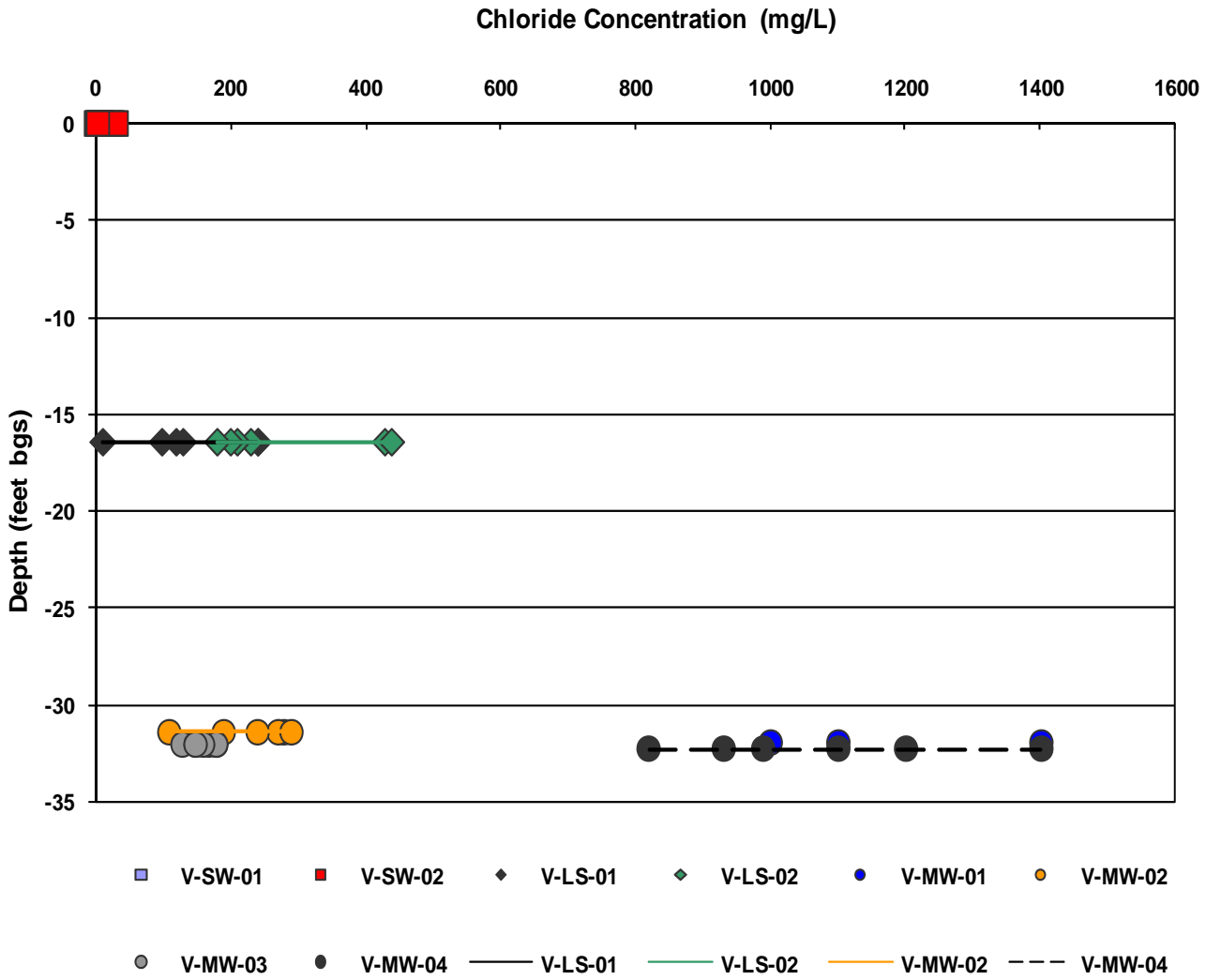


Figure 4. Depth Concentrations for Chloride - Veterans Park

**Water Augmentation Study
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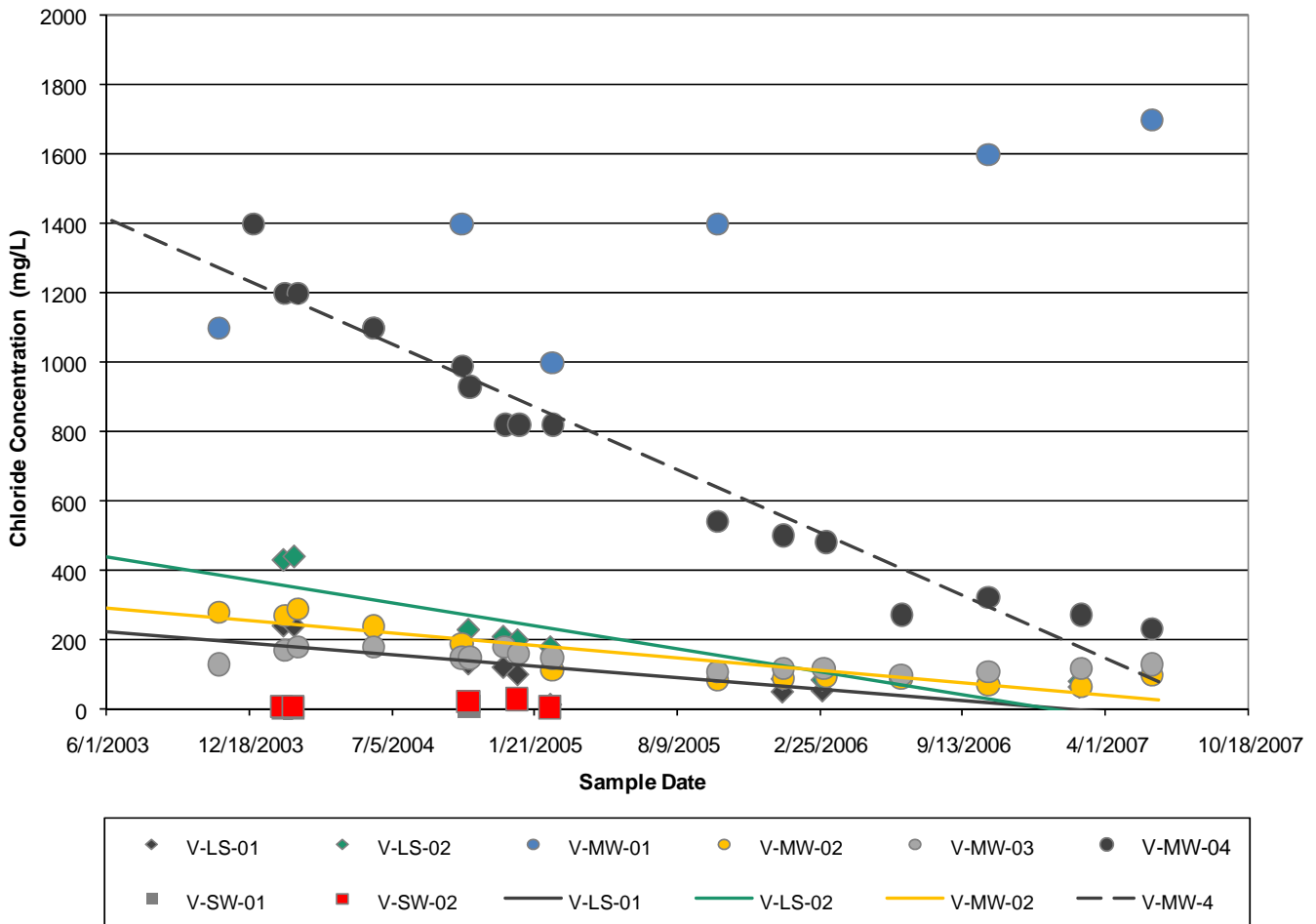


Figure 5. Chloride Concentrations Over Time - Veterans Park

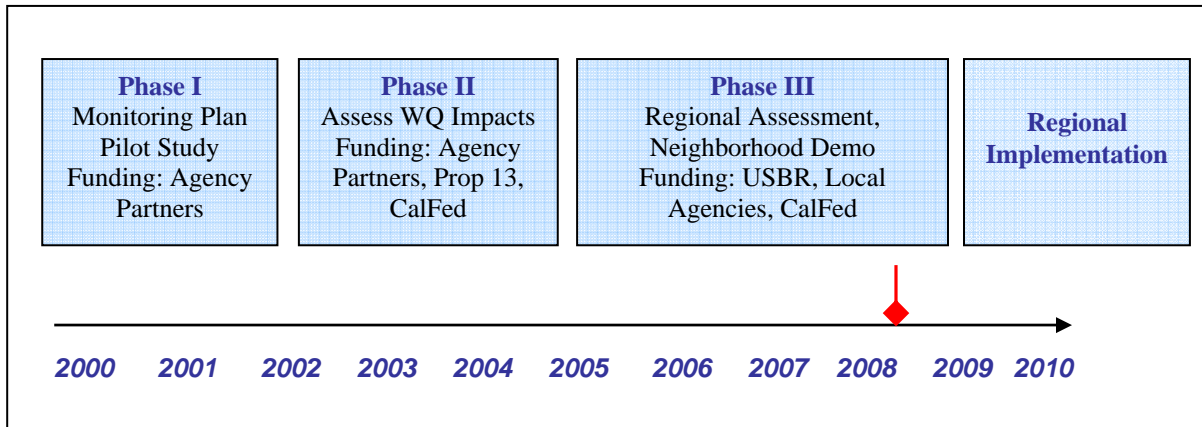


Figure 6. WAS Project Timeline

Appendix A. Site Location Maps

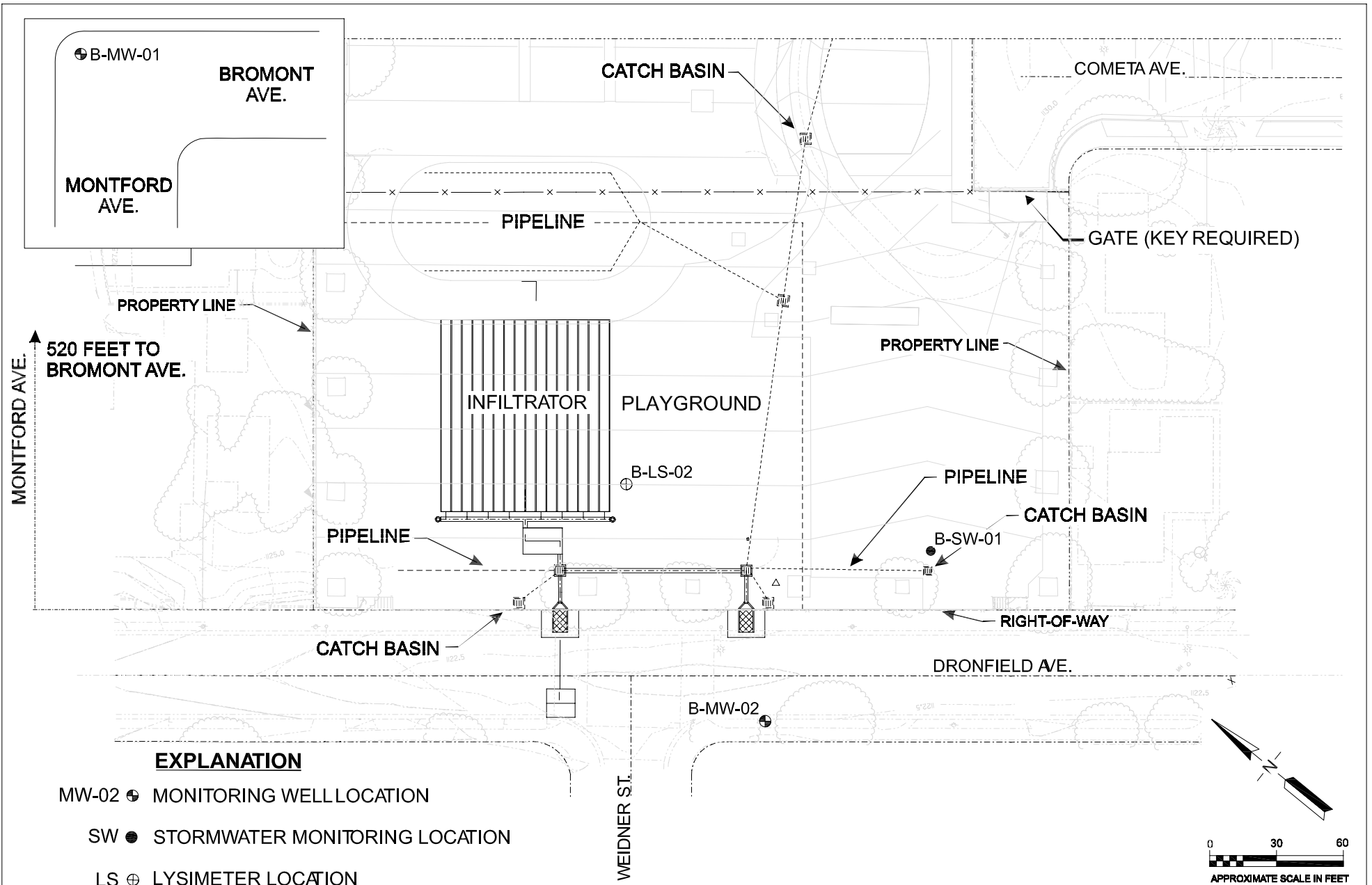
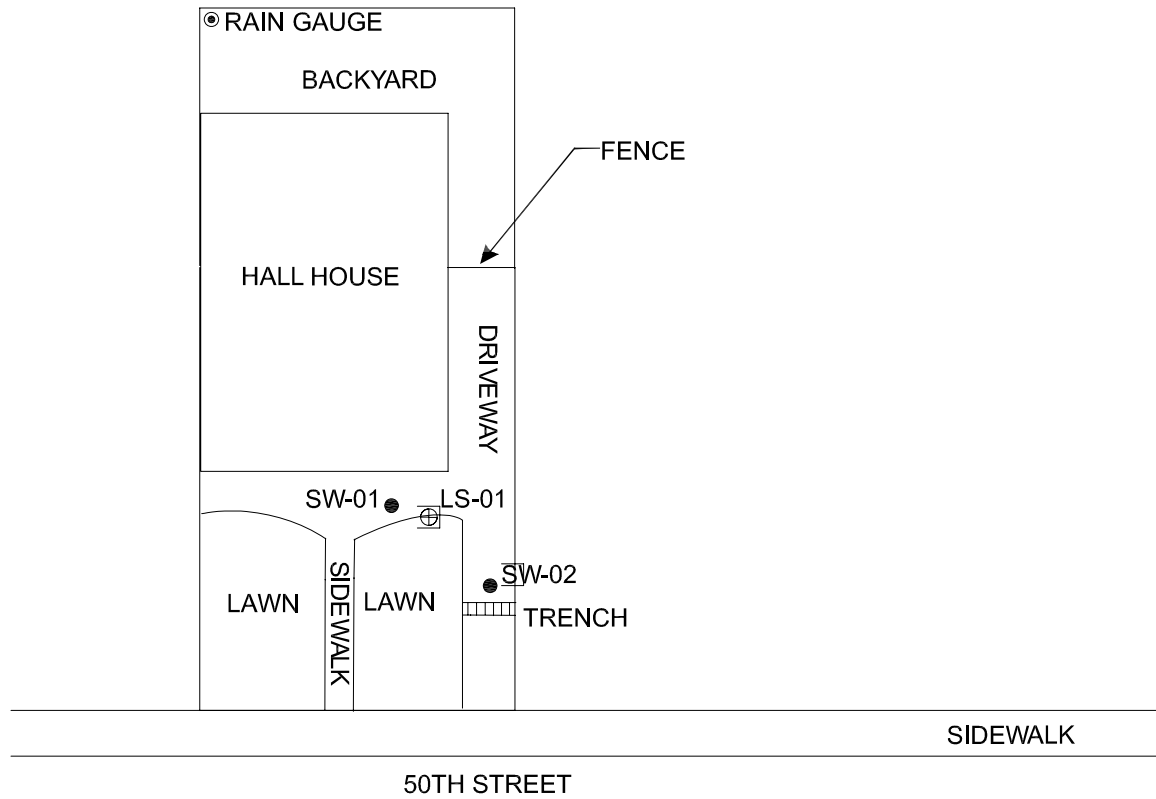


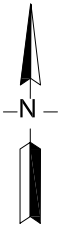
FIGURE A-1
INFILTRATION AND BMP MONITORING SYSTEM - BROADUS SCHOOL SITE



EXPLANATION

SW-01 ● STORMWATER MONITORING LOCATION

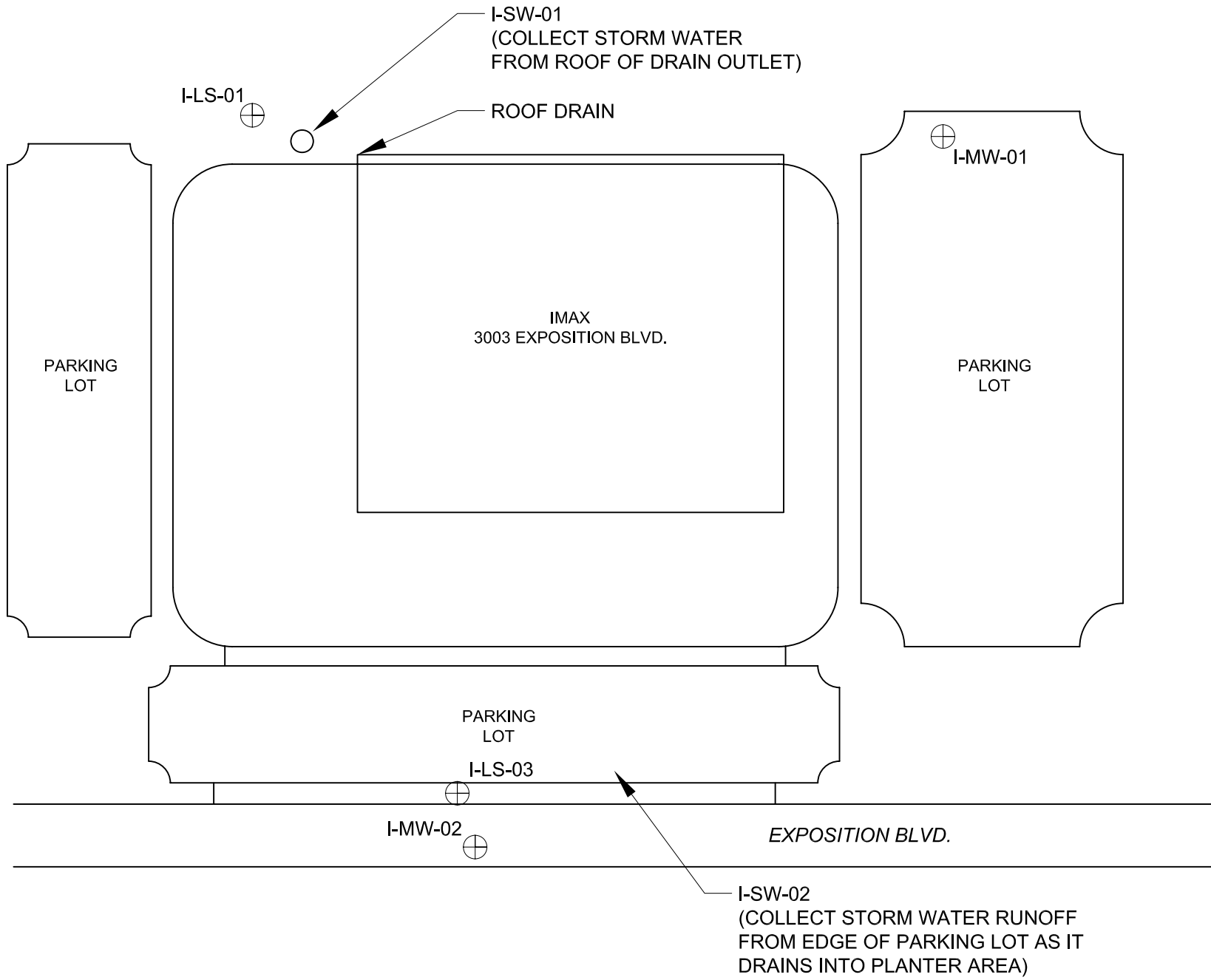
LS-01 ⊕ LYSIMETER LOCATION



NOT TO SCALE

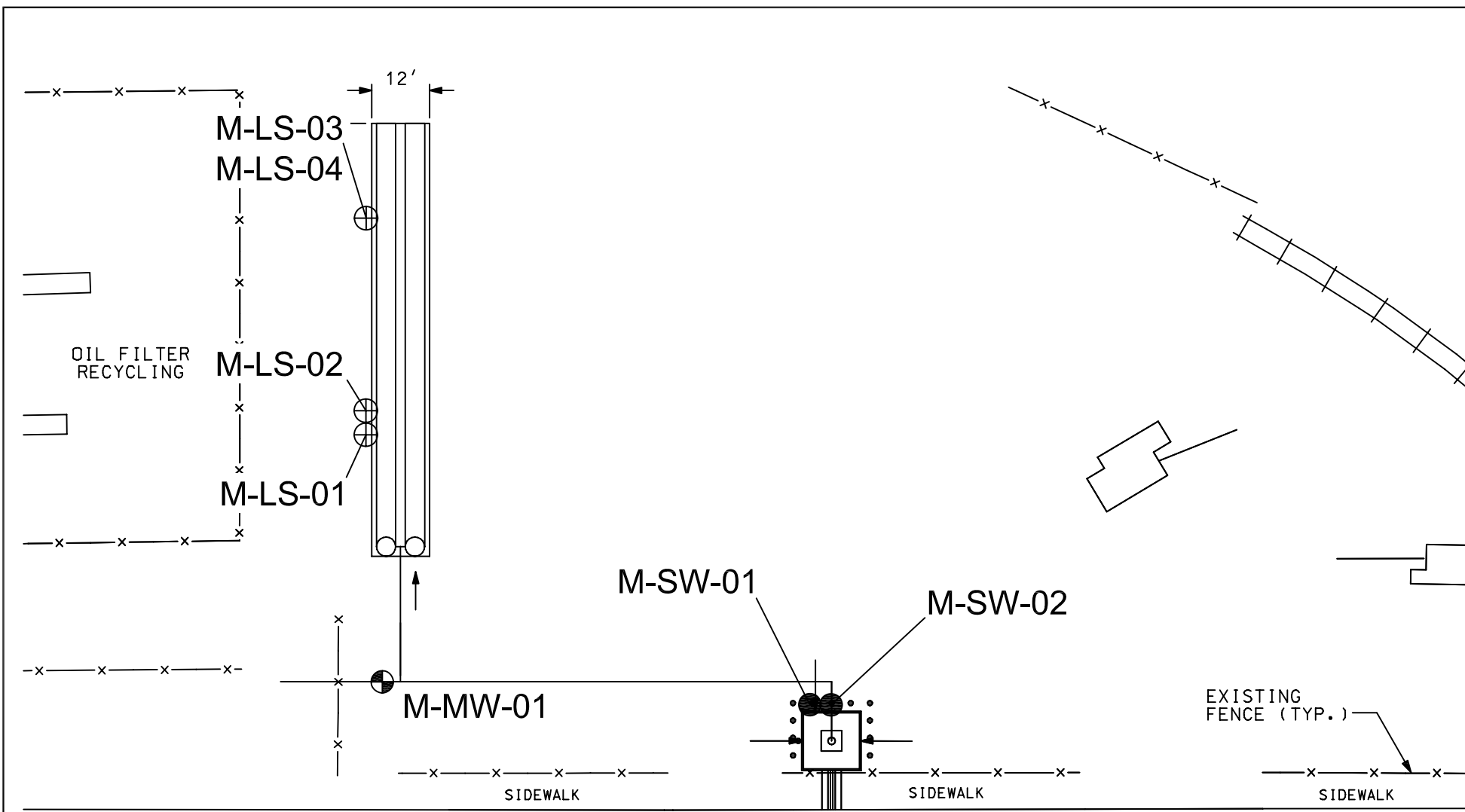
**FIGURE A-2
MONITORING LOCATION MAP - HALL HOUSE**

Plot Date: 07/22/05 - 4:38pm. Plotted by: dmcgowen
Drawing Path: N:\8000s\08952\acad\ Drawing Name: 8952_imax.dwg



NOT TO SCALE

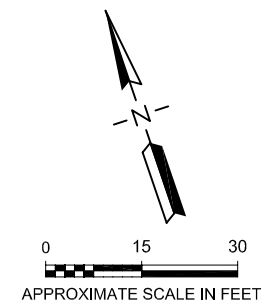
FIGURE A-3
MONITORING LOCATION MAP - IMAX BUILDING



EXPLANATION

- M-MW-01 ● MONITORING WELL LOCATION
- M-SW-01 ● STORMWATER MONITORING LOCATION
- M-LS-01 ⊕ LYSIMETER LOCATION

FIGURE A-4
INSTALLED MONITORING SYSTEM - METAL RECYCLER



EXPLANATION

- S-MW-01 ● MONITORING WELL LOCATION
- S-SW-01 ● STORMWATER MONITORING LOCATION
- S-LS-01 ⊕ LYSIMETER LOCATION

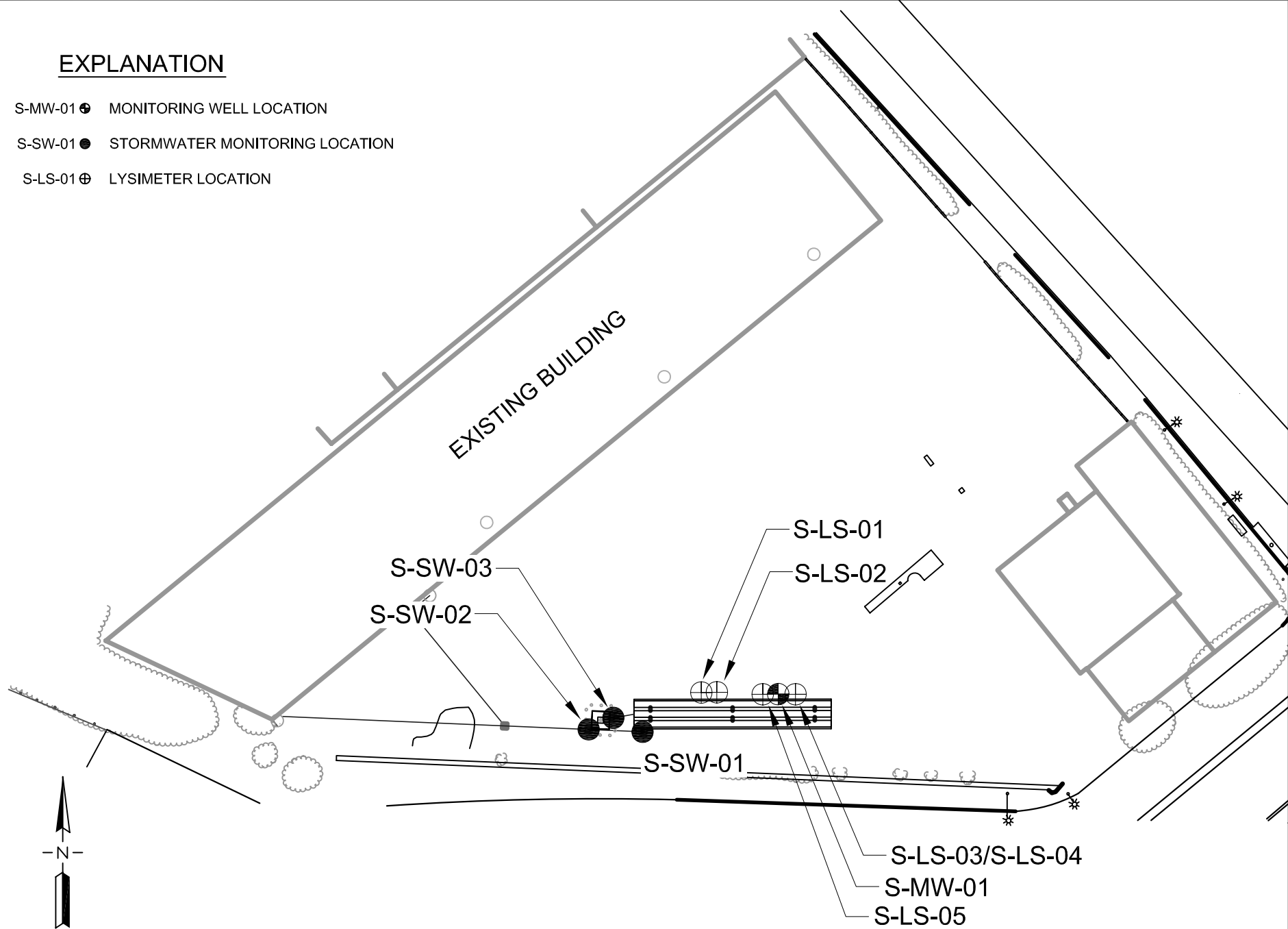
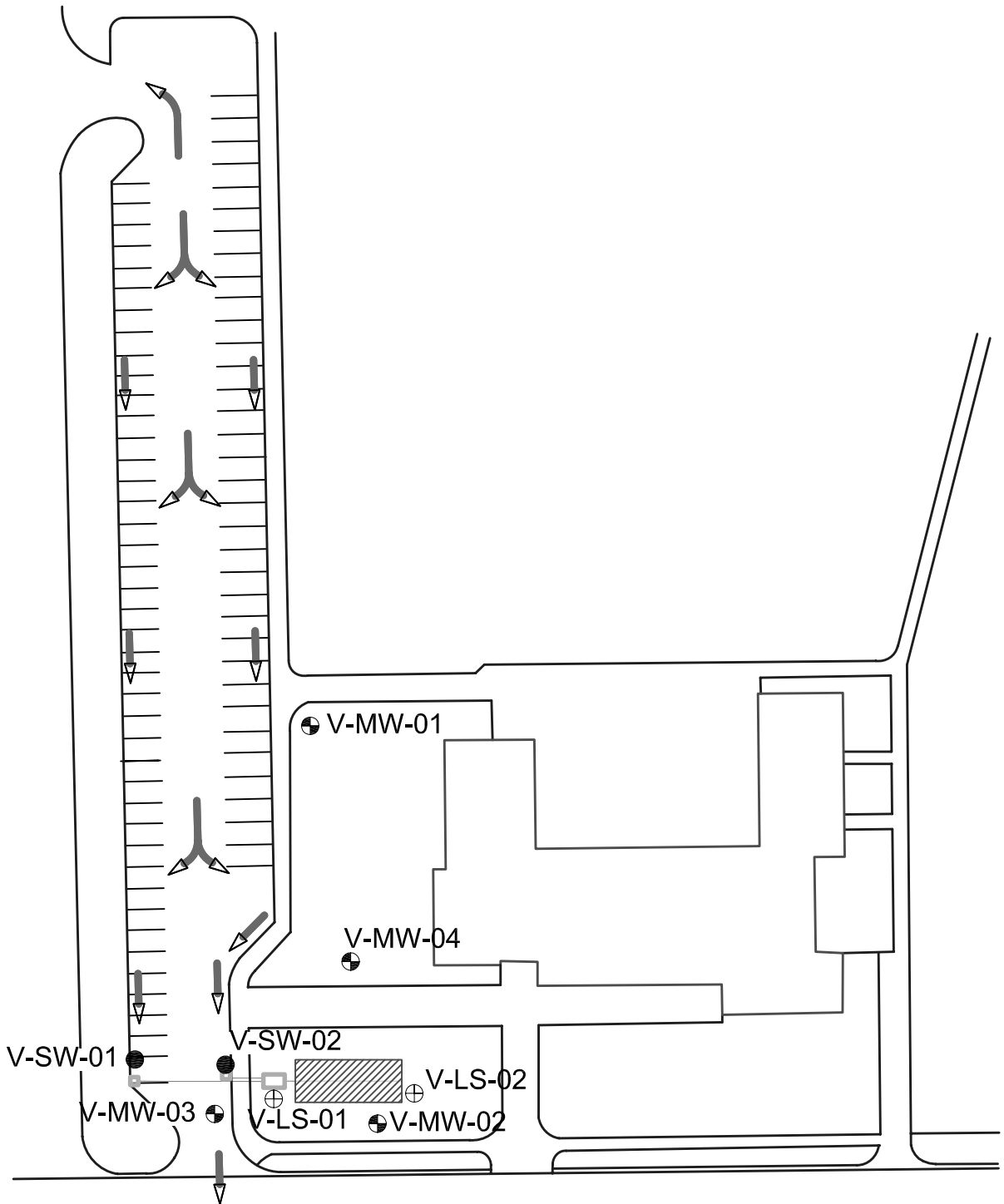


FIGURE A-5
INSTALLED MONITORING SYSTEM - SUN VALLEY

Plot Date: 05/11/05 - 10:10am. Plotted by: dimcopen
Drawing Path: N:\8000s\008952\acad\ Drawing Name: 8952_sun_valley.dwg

0 500 1000
APPROXIMATE SCALE IN FEET

Plot Date: 05/11/05 - 10:23am, Plotted by: dmcgowen
 Drawing Path: N:\8000s\008952\acae\ Drawing Name: 8952_veterans_park.dwg



EXPLANATION

- V-MW-01 ● MONITORING WELL LOCATION
- V-SW-01 ● STORMWATER MONITORING LOCATION
- V-LS-01 ⊕ LYSIMETER LOCATION

FIGURE A-6
 INSTALLED MONITORING SYSTEM - VETERANS PARK

Appendix B. Analytical Suite

Constituent	Detect Limit	Lab Method	Surface & GW	Lysimeter List	Soils
General:					
Alkalinity	1 mg/L	SM2320B	Y	N	Y
Bicarbonate	1 mg/L	SM2320B	Y	N	Y
Bromide	0.1 mg/L	EPA 300	Y	Y	Y
Calcium	0.1 mg/L	EPA 200.7	Y	N	Y
Carbonate	1 mg/L	SM2320B	Y	N	Y
Chloride	1 mg/L	EPA 300.0	Y	Y	Y
COD	5 mg/L	EPA 410.4	Y	Y	Y
Fluoride	0.1 mg/L	EPA 340.2	Y	N	Y
Hardness	2 mg/L	EPA 130.2	Y	N	N
Hydroxide	1 mg/L	SM2320B	Y	N	Y
Magnesium	0.1 mg/L	EPA 200.7	Y	N	Y
MBAS	0.1 mg/L	EPA 425.1	Y	N	Y
Nitrate as N	0.1 mg/L	EPA 300	Y	Y	Y
Nitrite as N	0.1 mg/L	EPA 300	Y	Y	Y
Total Organic Carbon	0.5 mg/L	EPA 415.1	Y	Y	Y
Dissolved Organic Carbon	0.5 mg/L	EPA 415.1	Y	N	N
Organic N	0.5 mg/L	SM4500NorgE	Y	Y	Y
NH3	0.1 mg/L	EPA 350.2	Y	Y	Y
pH	na	EPA 150.1	Y	field	Y
Phosphorous - total	0.03 mg/L	EPA 365.3	Y	Y	Y
Phosphorous - dissolved	0.03 mg/L	EPA 365.3	Y	N	N
Potassium	0.5 mg/L	EPA 200.7	Y	N	Y
Sodium	0.5 mg/L	EPA 200.7	Y	N	Y
Specific Conductance	4 umho/cm	EPA 120.1	Y	field	N
Sulfate	1 mg/L	EPA 300	Y	Y	Y
TDS	1 mg/L	EPA 160.1	Y	Y	N
TSS	1 mg/L	EPA 160.2	Y	N	N
Turbidity	0.05 NTU	EPA 180.1	Y	N	N
Metals (total & dissolved)					total
Aluminum	50 µg/L	EPA 200.8	Y	Y	Y
Antimony	1 µg/L	EPA 200.8	Y	Y	Y
Arsenic	2 µg/L	EPA 200.8	Y	Y	Y
Barium	1 µg/L	EPA 200.8	Y	Y	Y
Beryllium	1 µg/L	EPA 200.8	Y	Y	Y
Boron	50 µg/L	EPA 200.8	Y	Y	Y
Cadmium	0.2 µg/L	EPA 200.8	Y	Y	Y
Chromium	1 µg/L	EPA 200.8	Y	Y	Y
Chromium VI	0.2 µg/L	EPA 218.6	Y	Y	Y
Cobalt	1 µg/L	EPA 200.8	Y	Y	Y
Copper	1 µg/L	EPA 200.8	Y	Y	Y
Iron	100 µg/L	EPA 200.8	Y	Y	Y
Lead	0.5 µg/L	EPA 200.8	Y	Y	Y

Constituent	Detect Limit	Lab Method	Surface & GW	Lysimeter List	Soils
Manganese	1 µg/L	EPA 200.8	Y	Y	Y
Mercury	0.1 µg/L	EPA 7470.A	Y	N	Y
Molybdenum	1 µg/L	EPA 200.8	Y	Y	Y
Nickel	1 µg/L	EPA 200.8	Y	Y	Y
Selenium	1 µg/L	EPA 200.8	Y	Y	Y
Silver	1 µg/L	EPA 200.8	Y	Y	Y
Thallium	1 µg/L	EPA 200.8	Y	Y	Y
Zinc	5 µg/L	EPA 200.8	Y	Y	Y
Volatile Organic Compounds (full suite)			Y	Y	EPA 8260
Methyl Bromide	0.5 µg/L	EPA 524.2	inc	inc	inc
BTEX	0.5 µg/L	EPA 524.2	inc	inc	inc
MtBE	1 µg/L	EPA 524.2	inc	inc	inc
DIPE	2 µg/L	EPA 524.2	inc	inc	inc
ETBE	2 µg/L	EPA 524.2	inc	inc	inc
TAME	2 µg/L	EPA 524.2	inc	inc	inc
TBA	10 µg/L	EPA 524.2	inc	inc	inc
Ethanol	100 µg/L	EPA 524.2	inc	inc	inc
TCE	0.5 µg/L	EPA 524.2	inc	inc	inc
PCE	0.5 µg/L	EPA 524.2	inc	inc	inc
Disinfection Byproducts (THMs)	0.5 µg/L	EPA 524.2	inc	inc	inc
1,2,3-TCP	0.005 µg/L	GC/MS Isotope Dilution	Y (1 time)	N	Inc
Trip blanks	N/A	upon request			
Other					
Oil and Grease	1 mg/L	EPA 1664	Y	Y	Y
Perchlorate	2 µg/L	EPA 314	Y	N	Y
Semi-volatile Organics (full suite)	5-50 µg/L	EPA 625/8270C	Y	N	Y
NDMA	.002 µg/L	EPA 1625mod	Y	N	N
Round-up (Glyphosate)	10 µg/L	EPA 547	Y	N	Y
1,4 Dioxane	2µg/L	GC/MS Isotope Dilution	Y	N	N
DBCP	0.02 µg/L	EPA 504.1	Y	N	Y (8260)
Biological:					
HPC	<1 CFU/mL	SMEWW 20th	Y	Y	Y
Total coliforms	1.1 MPN/100ml	SMEWW 20th	Y	Y	Y
Fecal coliform	1.1 MPN/100ml	SMEWW 20th	Y	Y	Y
E. coli	1.1 MPN/100ml	SMEWW 19th	Y	Y	Y

STORMWATER ANALYTICAL RESULTS – BROADOUS SCHOOL
 Los Angeles and San Gabriel Rivers Watershed Council
 Water Augmentation Study Phase II Monitoring Report Update

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²								
			B-SW-01								
			12/03/01	11/08/02	12/16/02	02/12/03	03/15/03	02/02/04	02/25/04	12/27/04	02/18/05
General Monitoring Parameters											
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	45.6	18	100	36	28	22	36	26	12
Bicarbonate (as CaCO ₃)	mg/L	N/A	55.6	18	100	36	28	22	36	26	12
Bromide	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Calcium	mg/L	Total	20	6.7	38.8	7.28	8.15	14.9	14.8	10.3	4.7
Carbonate (as CaCO ₃)	mg/L	N/A	<2	<1	<1	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	2.17	5	72	5.1	9.3	17	6.8	8.7	2
Chemical Oxygen Demand	mg/L	N/A	71.67	69	200	36	54	120	220	38	23
Fluoride	mg/L	N/A	0.25	<0.1	0.51	0.14	<0.1	<0.1	<0.1	0.11	<0.1
Hardness (as CaCO ₃)	mg/L	Total	80	26	150	36	30	42	58	56	14
Hydroxide (as CaCO ₃)	mg/L	N/A	<2	<1	<1	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	7.29	1.03	14.3	2.37	2.98	4.03	4.26	1.95	1.20
MBAS (Surfactants)	mg/L	N/A	0.076	0.16	0.18	0.13	<0.1	0.22	0.38	0.18	<0.1
Nitrate (as N)	mg/L	N/A	0.508	0.14	0.14	<0.1	0.15	1	0.7	0.73	0.36
Nitrite (as N)	mg/L	N/A	<0.03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	--	--	--	--	--	4.1	6.2	1.3	1.1
Carbon, Total Organic	mg/L	N/A	38.2	13	5.6	9	19	21	24	8.1	3.7
Carbon, Dissolved Organic	mg/L	N/A	--	12	4.9	10	17	19	19	7.6	4.1
Nitrogen, Organic	mg/L	N/A	7.48	1.3	4.1	<0.5	2	3.5	5.5	0.95	0.98
Ammonia-Nitrogen	mg/L	Total	1.02	<0.1	0.28	<0.1	0.11	0.56	0.7	0.35	0.14
pH	pH units	N/A	6.35	7.43	7.02	6.62	7.02	7.08	6.73	6.81	6.34
Phosphorus	mg/L	Dissolved	--	0.41	0.37	0.15	0.74	0.32	0.49	0.42	0.11
Phosphorus	mg/L	Total	--	0.53	0.41	0.44	0.78	0.46	0.64	0.56	0.3
Potassium	mg/L	Total	15.2	7.68	12	2.18	5.67	7.33	6.77	4.07	2.08
Sodium	mg/L	Total	10.5	4.76	61.8	7.01	11.5	10.3	6.89	8.18	2.46
Specific Conductance	µmhos/cm	N/A	232	79	520	100	120	160	140	120	44
Sulfate	mg/L	N/A	17.77	4.7	49	3.2	17	16	12	11	4
Total Dissolved Solids	mg/L	N/A	162	43	330	73	83	100	110	69	48
Total Suspended Solids	mg/L	N/A	151	38	38	16	12	200	26	34	51
Turbidity	NTU	N/A	58.9	35	89	11	15	110	290	33	75
Metals³											
Aluminum	µg/L	Dissolved	--	54	<50	<50	<50	<50	259	<25	<25
Aluminum	µg/L	Total	--	1,620	1,170	337	396	2,460	6,500	783	1,250
Antimony	µg/L	Dissolved	--	--	<1	<1	<1	<1	1.01	<1	<1
Antimony	µg/L	Total	--	--	1.26	1.11	<1	<1	1.73	<1	2.5
Arsenic	µg/L	Dissolved	5.82	<1	2.29	1.09	2.99	<0.5	1.67	0.806	<0.5
Arsenic	µg/L	Total	6.62	1.82	3	<1	3.75	1.88	3.92	0.798	<0.5
Barium	µg/L	Dissolved	--	--	33.9	10.5	8.43	9.1	10.8	10.4	4.17
Barium	µg/L	Total	--	--	52.7	15.6	16.6	66.5	112	23.3	26.8

STORMWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²								
			B-SW-01								
			12/03/01	11/08/02	12/16/02	02/12/03	03/15/03	02/02/04	02/25/04	12/27/04	02/18/05
Beryllium	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	--	--	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	323	78.8	336	63.5	143	61.7	69.4	73	<50
Boron	µg/L	Total	362	77.1	348	143	162	76.8	81	117	<50
Cadmium	µg/L	Dissolved	--	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<1	<0.5	<0.5	<0.5	<0.5	0.388	0.663	<0.2	<0.2
Chromium	µg/L	Dissolved	--	1.29	<1	<1	<1	<1	2.3	1.02	1.9
Chromium	µg/L	Total	<10	4.25	3.75	1.06	1.11	4.74	15.8	2.17	3.62
Chromium, Hexavalent	µg/L	Dissolved	<10	0.49	0.25	<0.2	<0.2	0.36	0.23	<0.2	<0.2
Cobalt	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	--	--	1.34	<1	<1	2.75	5.55	<1	1.1
Copper	µg/L	Dissolved	22.1	7.28	8.21	2.23	4.18	7.1	9.49	4.62	<1
Copper	µg/L	Total	27.8	20	14	4.33	6.89	23.6	39.9	7.06	5.03
Iron	µg/L	Dissolved	--	--	--	--	--	177	354	<100	<100
Iron	µg/L	Total	--	--	--	--	--	3,900	9,630	1,090	1,900
Lead	µg/L	Dissolved	--	<0.5	<0.5	<0.5	<0.5	<0.5	1.22	<0.5	<0.5
Lead	µg/L	Total	<5	14.3	3.31	1.62	0.716	19.8	36.3	6.07	5.84
Manganese	µg/L	Dissolved	--	--	3.31	<1	1.57	17.9	16.1	3.03	9.62
Manganese	µg/L	Total	--	--	61.6	12	28.3	134	250	35.5	47.3
Mercury	µg/L	Dissolved	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	µg/L	Total	<1	<0.1	<0.1	<0.1	<0.1	<0.1	0.122	<0.1	<0.1
Molybdenum	µg/L	Dissolved	--	--	4.76	1.24	1.33	2.32	2.49	1.63	<1
Molybdenum	µg/L	Total	--	--	4.58	1.19	1.62	2.15	2.62	1.58	<1
Nickel	µg/L	Dissolved	5.22	1.23	1.64	1.29	1.27	2.7	<2	<2	<2
Nickel	µg/L	Total	6.06	4.27	3.68	<1	1.29	8.8	14	<2	2.4
Selenium	µg/L	Dissolved	--	<5	<5	<5	<5	<1	1.5	<1	<1
Selenium	µg/L	Total	--	<5	<5	<5	<5	<1	1.04	<1	<1
Silver	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1
Silver	µg/L	Total	--	--	<1	<1	<1	<1	<1	<1	1.1
Strontium	µg/L	Dissolved	--	--	243	52.6	35.7	54.5	60	51.6	17.4
Strontium	µg/L	Total	--	--	249	55.6	53.9	87.2	107	56	23.4
Thallium	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	--	--	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	--	--	<1	3.57	<1	<1	1.08	<1	<1
Titanium	µg/L	Dissolved	--	--	3	1.04	2.46	3.19	17.5	4.47	4.24
Titanium	µg/L	Total	--	--	64.2	17.2	23	141	427	59.4	92.8
Vanadium	µg/L	Dissolved	--	--	3.6	1.75	2.81	3.59	5.69	2.46	<1
Vanadium	µg/L	Total	--	--	7.12	3.04	4.55	11.4	25.2	4.48	4.03
Zinc	µg/L	Dissolved	369	60.9	37.7	7.54	7.87	21.3	24.4	11.9	9.38
Zinc	µg/L	Total	369	58.8	58	19.3	14.1	116	178	38.3	34.4
Other Constituents											

STORMWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²									
			B-SW-01									
			12/03/01	11/08/02	12/16/02	02/12/03	03/15/03	02/02/04	02/25/04	12/27/04	02/18/05	
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	3.9	<10	<10	<10	<10	<10	<10	20	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Chrysene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Dibenzofuran	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Diethyl Phthalate	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Dimethyl Phthalate	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Fluoranthene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Fluorene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Hexachlorobenzene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	<25	<25	<25	<25	<25	<25	<25	--	--
Hexachloroethane	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Isophorone	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Nitrobenzene	µg/L	N/A	--	<25	<25	<25	<25	<25	<25	<25	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
N-Nitrosodiphenylamino	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Pentachlorophenol	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Phenanthrene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Phenol	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Pyrene	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Pyridine	µg/L	N/A	--	<10	<10	<10	<10	<10	<10	<10	--	--
Biological Parameters												
Heterotrophic Plate Count	CFU/mL	N/A	>5,700	170,000	1,500,000	18,000	1,700,000	--	--	--	--	--
Total Coliforms	MPN/100mL	N/A	35,000	3,000	2,100	1,300	5,000	--	--	--	--	--
Fecal Coliform	MPN/100mL	N/A	--	80	80	170	5,000	--	--	--	--	--
E. coli	MPN/100mL	N/A	--	20	80	170	1,300	--	--	--	--	--
E. coli + Fecal Coliform	MPN/100mL	N/A	21	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – BROADOUS SCHOOL
 Los Angeles and San Gabriel Rivers Watershed Council
 Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			B-LS-01				B-LS-02								
			12/04/01	11/10/02	12/23/02	03/21/03	02/04/04	02/26/04	04/03/04	10/20/04	12/28/04	02/18/05	01/03/06	02/28/06	02/23/07
General Monitoring Parameters															
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromide	mg/L	N/A	--	<0.1	<0.1	0.42	0.11	<0.1	--	0.11	<0.1	<0.1	<0.1	<0.1	<0.1
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	mg/L	N/A	--	160	93	70	100	37	--	47	130	45	81	37	34
Chemical Oxygen Demand	mg/L	N/A	247	--	--	--	<5	5	--	20	36	13	18	15	120
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	0.583	110	100	41	4	2.8	--	2.4	3.5	2.4	2.5	2.5	5.7
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	--	--	--	--	0.7	<0.1	--	1.1	0.28	<0.5	1.3	0.84	--
Carbon, Total Organic	mg/L	N/A	14.4	--	--	--	11	2.8	--	5	5.3	8.5	10	6.6	4.9
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen, Organic	mg/L	N/A	3.5	--	--	--	<0.5	<0.5	--	1.1	<0.5	<0.5	1.3	0.84	--
Ammonia-Nitrogen	mg/L	Total	0.14	--	--	--	0.35	<0.2	--	<0.1	<0.2	<0.2	<0.13	<0.2	--
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Total	--	--	--	--	0.58	15	--	0.32	1.4	0.54	0.39	0.66	4.9
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	1400	--	--	--	--	--	--	--	--
Sulfate	mg/L	N/A	--	340	430	230	260	490	--	110	140	97	130	78	54
Total Dissolved Solids	mg/L	N/A	78	1,300	1,700	710	990	940	--	720	810	490	617	--	586
Total Suspended Solids	mg/L	N/A	130	--	--	--	--	--	--	--	--	--	--	--	--
Turbidity	NTU	N/A	539	--	--	--	--	--	--	--	--	--	--	--	--
Metals³															
Aluminum	µg/L	Dissolved	--	<50	<50	<50	<50	<50	--	<25	<25	<25	<25	<25	<25
Aluminum	µg/L	Total	--	54.4	<50	68.7	<50	<50	--	<25	<25	<25	<25	<25	<25
Antimony	µg/L	Dissolved	--	--	<1	<1	1.64	1.26	--	1.61	<1	1.72	<1	<1	<1
Antimony	µg/L	Total	--	--	2.36	<1	1.85	1.26	--	1.37	<1	2.12	<1	<1	<1
Arsenic	µg/L	Dissolved	--	5.63	2.68	2.18	11.3	8.03	--	2.23	1.91	4.43	1.74	2.93	2.08
Arsenic	µg/L	Total	<5	7.92	3.92	3.14	12.3	7.66	--	2.32	2.2	4.04	1.84	2.5	1.76
Barium	µg/L	Dissolved	--	--	69.2	72.2	251	208	--	168	247	116	195	190	255
Barium	µg/L	Total	--	--	105	31.3	250	212	--	182	256	136	200	176	263

LYSIMETER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			B-LS-01				B-LS-02								
			12/04/01	11/10/02	12/23/02	03/21/03	02/04/04	02/26/04	04/03/04	10/20/04	12/28/04	02/18/05	01/03/06	02/28/06	02/23/07
Beryllium	µg/L	Dissolved	--	--	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	--	--	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	--	614	291	402	179	282	--	267	368	203	304	288	197
Boron	µg/L	Total	--	693	409	361	150	284	--	306	364	194	329	271	198
Cadmium	µg/L	Dissolved	--	<0.5	<0.5	<0.5	0.215	<0.2	--	<0.2	<0.2	<0.2	0.789	0.207	<0.2
Cadmium	µg/L	Total	<1	1.21	32.8	<0.5	<0.2	<0.2	--	<0.2	<0.2	<0.2	0.866	<0.2	<0.2
Chromium	µg/L	Dissolved	--	<1	<1	<1	1.32	1.27	2.67	2.74	3.66	2.18	2.55	2.52	36.6
Chromium	µg/L	Total	<10	2.63	1.31	<1	2.05	1.56	--	2.71	13.7	2.2	52.3	4.65	41.5
Chromium, Hexavalent	µg/L	Dissolved	<10	0.39	0.59	0.51	--	--	0.62	1.1	0.8	1.2	0.71	3.3	40
Cobalt	µg/L	Dissolved	--	--	<1	<1	1.11	<1	--	<1	3.39	<1	4.29	<1	<1
Cobalt	µg/L	Total	--	--	<1	1.07	1.4	<1	--	<1	3.48	<1	4.56	<1	<1
Copper	µg/L	Dissolved	33.2	11.3	5.83	66.9	4.11	2.68	--	3.85	17.6	19	17	11.2	12.7
Copper	µg/L	Total	13.6	25.9	10.3	220	3.37	2.85	--	3.96	19	18	19	10.8	14.6
Iron	µg/L	Dissolved	--	--	--	--	<100	<100	--	<100	198	<100	221	129	214
Iron	µg/L	Total	--	--	--	--	108	<100	--	<100	295	<100	675	148	357
Lead	µg/L	Dissolved	--	0.54	<0.5	0.533	0.695	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	µg/L	Total	<5	6.44	<0.5	4.4	<0.5	<0.5	--	<0.5	0.84	0.634	0.501	<0.5	<0.5
Manganese	µg/L	Dissolved	--	--	6.09	11.2	536	206	--	55.4	43.1	8.06	258	9.07	36.4
Manganese	µg/L	Total	--	--	9.25	32.2	625	186	--	56.3	44.9	19.2	275	8.24	39
Mercury	µg/L	Dissolved	--	--	--	--	--	<0.1	--	--	--	<0.25	<0.1	<0.1	--
Mercury	µg/L	Total	<1	--	--	--	--	<0.1	--	--	--	<0.25	<0.1	<0.1	--
Molybdenum	µg/L	Dissolved	--	--	6.39	7.04	60.1	54.3	--	20.1	13.3	20.8	286	65	26.7
Molybdenum	µg/L	Total	--	--	10.1	6.67	57.4	53.5	--	21.2	14.1	22.2	294	66.5	28.5
Nickel	µg/L	Dissolved	--	10.5	4.58	6.09	49	12	--	20	290	18	1700	68	73
Nickel	µg/L	Total	<5	13.3	6.95	10.9	67	11	--	20	290	76	1700	67	75
Selenium	µg/L	Dissolved	--	6.57	<5	<5	4.98	5.73	--	2.15	1.76	<1	<1	<1	<1
Selenium	µg/L	Total	--	9.96	<5	<5	2.77	4.84	--	2.46	1.85	1.44	<1	<1	1.72
Silver	µg/L	Dissolved	--	--	<1	<1	<1	<1	--	<1	1.87	3.21	3.61	2.21	<1
Silver	µg/L	Total	--	--	<1	<1	<1	<1	--	<1	4.55	9.11	45.1	9.42	2.57
Strontium	µg/L	Dissolved	--	--	915	1,100	863	621	--	478	810	387	590	515	591
Strontium	µg/L	Total	--	--	1,440	473	910	629	--	532	829	457	601	466	604
Thallium	µg/L	Dissolved	--	--	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	--	--	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	--	--	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	--	--	1,920	3.33	<1	<1	--	<1	<1	<1	<1	<1	<1
Titanium	µg/L	Dissolved	--	--	1.41	1.49	10	8.26	--	5.45	6.89	3.89	3.17	3.56	3.02
Titanium	µg/L	Total	--	--	2.2	7.18	10.3	8.61	--	5.74	7.79	7.38	4.51	3.43	7.57
Vanadium	µg/L	Dissolved	--	--	5.9	4.68	8.71	6.99	--	2.77	2.93	2.74	1.49	2.4	5.4
Vanadium	µg/L	Total	--	--	8.99	3.74	8.34	7.03	--	2.97	2.77	2.97	1.59	2.02	5.19
Zinc	µg/L	Dissolved	--	432	42.2	828	71.8	19.3	--	8.87	22.7	6.91	21	10.8	32.9
Zinc	µg/L	Total	<50	602	53.1	2,060	25.2	19.3	--	11.1	25.9	14.7	41.4	13.4	54.7
Other Constituents															

LYSIMETER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			B-LS-01				B-LS-02								
			12/04/01	11/10/02	12/23/02	03/21/03	02/04/04	02/26/04	04/03/04	10/20/04	12/28/04	02/18/05	01/03/06	02/28/06	02/23/07
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Perchlorate	µg/L	N/A	<4	--	--	--	--	--	--	<2	<2	<2	<2	<2	0.3
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	<3,000	--	--	--	--	--	--	--	--	--	--	--	--
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.01	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<2	<2
Volatile Organic Compounds															
Methyl Bromide	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	--	<2.5	--	--	--	<1	<1	--	<1	<1	<1	<0.5	<0.5
Benzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	<0.5	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	--	40	--	--	--	<1	<1	--	<1	<1	<1	<2	<2
2-Chlorotoluene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<5	<5
4-Chlorotoluene	µg/L	N/A	--	<2.5	--	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			B-LS-01				B-LS-02								
			12/04/01	11/10/02	12/23/02	03/21/03	02/04/04	02/26/04	04/03/04	10/20/04	12/28/04	02/18/05	01/03/06	02/28/06	02/23/07
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Biological Parameters															
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	16,000	--	--	--	--	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	90,000	--	--	<1.1	--	--	--	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	<1.1	--	--	--	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	<1.1	--	--	--	--	--	--	--	--	--
E. coli + Fecal Coliform	MPN/100 mL	N/A	300	--	--	--	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

GROUNDWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			B-MW-01										B-MW-02									
			10/10/2001	1/2/2002	10/8/2002	10/7/2003	6/4/2004	10/15/2004	3/5/2005	10/6/2005	6/16/2006	6/15/2007	10/31/2001	12/5/2001	10/8/2002	11/12/2002	2/18/2003	10/7/2003	2/13/2004	6/4/2004	10/15/2004	12/30/2004
General Monitoring Parameters																						
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	292	116	350	330	540	320	340	340	340	352	360.4	332	350	350	350	350	340	340	350	330
Bicarbonate (as CaCO ₃)	mg/L	N/A	356	141	350	330	540	320	340	340	340	352	440	405	350	350	350	350	340	340	350	330
Bromide	mg/L	N/A	0.12	0.073	0.13	<0.1	0.12	0.12	<0.1	--	0.12	0.14	--	0.11	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Calcium	mg/L	Total	84.2	130	140	140	126	130	137	131	140	132	176	128	137	144	154	144	94	128	126	130
Carbonate (as CaCO ₃)	mg/L	N/A	<2	0.578	<1	<1	<1	<1	<1	<1	<1	<1	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	41.89	87	24	24	22	24	25	--	24	26	28.28	27.6	23	22	24	22	19	19	20	20
Chemical Oxygen Demand	mg/L	N/A	32.37	<5	5.1	<10	<5	<5	5.1	<5	<5	<5	51.3	120	<5	46	49	<10	5	13	<5	23
Fluoride	mg/L	N/A	0.43	0.27	0.33	0.31	0.2	0.39	0.32	0.11	0.26	0.38	0.19	0.15	0.12	0.12	0.23	0.21	0.16	<0.1	0.28	0.23
Hardness (as CaCO ₃)	mg/L	Total	328	485	470	470	460	470	480	470	450	500	520	470	460	470	530	460	460	450	460	450
Hydroxide (as CaCO ₃)	mg/L	N/A	<2	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	--	39	41.9	39.8	39.1	36.9	40.7	37.8	36.6	37.5	19.4	36.5	37.1	40.8	45	37.4	26.9	35.1	32.9	35.5
MBAS (Surfactants)	mg/L	N/A	--	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrate (as N)	mg/L	N/A	6.59	0.3	8.4	7.6	7.8	8.4	8.1	--	7.2	7.8	10.509	8.33	7.4	7.4	8.1	6.6	5.6	6.4	6.6	6.8
Nitrite (as N)	mg/L	N/A	<0.03	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.03	<0.03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	--	0.34	--	0.14	<0.1	<0.5	<0.5	<0.5	<0.5	0.56	--	--	--	--	--	0.28	0.35	<0.1	<0.5	<0.5
Carbon, Total Organic	mg/L	N/A	2.7	1.3	1.4	1.2	1.6	2.5	1.3	1.4	1.6	1.9	1.55	2.1	1.4	1.6	1.5	1.5	9.5	1.8	2.7	1.5
Carbon, Dissolved Organic	mg/L	N/A	--	--	2.4	1.5	2.5	1.2	3.1	2.5	3.1	2.4	--	--	2.5	3.4	1.3	1.7	10	2.7	1.2	2.9
Nitrogen, Organic	mg/L	N/A	0.121	0.34	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.5	<0.5	0.65	<0.5	<0.5	<0.5	<0.5	<0.5
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.14	<0.1	<0.1	<0.1	<0.1	0.33	<0.1	<0.1	<0.1	<0.1	<0.1
pH	pH units	N/A	7.68	7.8	7.41	7.22	7.39	7.16	7.15	6.95	6.9	6.92	7.83	7.79	7.12	7.01	7.28	7.03	7.1	7.1	6.94	7.09
Phosphorus	mg/L	Dissolved	--	--	0.11	0.079	0.066	0.068	0.089	0.11	0.11	0.6	--	--	0.085	0.052	0.072	0.082	0.061	0.047	<0.03	0.27
Phosphorus	mg/L	Total	--	--	0.11	0.2	0.087	0.6	0.25	0.39	0.73	0.94	--	--	0.14	0.32	19	0.21	0.067	0.64	0.56	1.3
Potassium	mg/L	Total	10	9.3	7.15	6.98	6.74	7.15	7.00	7.01	7.28	7.37	7.89	7.8	7.45	9.35	14.2	7.75	5.94	7.23	7.80	7.56
Sodium	mg/L	Total	99	82	35.9	34.9	34	35.3	35.3	35.3	35.1	36.6	49.8	36.5	37.3	40.5	37.4	39	27.4	38.5	37.6	37.4
Specific Conductance	umhos/cm	N/A	1,045	775	980	920	990	940	880	940	890	930	1340	984	980	990	960	920	920	980	910	930
Sulfate	mg/L	N/A	142	180	150	150	130	140	160	--	140	150	157.72	124	140	140	140	150	140	140	130	130
Total Dissolved Solids	mg/L	N/A	640	540	680	600	590	610	650	680	633	677	846	658	670	640	640	600	660	600	600	570
Total Suspended Solids	mg/L	N/A	2,548	45	3.3	<1	<1	8.4	12	5.2	15	7.1	721	186	2.2	630	2,100	<1	110	3.9	1.4	33
Turbidity	NTU	N/A	1,130	16	3.3	1.1	0.68	5.7	5.4	2.4	11	4.5	265	166	2.4	220	1,000	5.3	28	2.2	2.1	17
Metals³																						
Aluminum	µg/L	Dissolved	--	<0.025	<50	<50	<50	<25	<25	<25	<25	<25	--	--	<50	<50	<50	<50	<50	<50	<25	<25
Aluminum	µg/L	Total	--	5	67	<50	<50	89.4	176	87.4	274	232	--	--	66.3	130	17,900	103	3,650	<50	<25	378
Antimony	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Antimony	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Arsenic	µg/L	Dissolved	<5	1	<1	<0.5	<0.5	<0.5	0.765	<0.5	<0.5	0.824	--	--	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Arsenic	µg/L	Total	<5	3.5	<1	<0.5	<0.5	<0.5	0.955	<0.5	<0.5	<0.5	<5	<5	<1	<1	2.86	<0.5	0.613	<0.5	<0.5	<0.5
Barium	µg/L	Dissolved	--	82	174	202	218	211	226	238	220	224	--	--	255	216	255	249	263	236	241	240
Barium	µg/L	Total	--	170	198	213	222	210	238	254	228	225	--	--	243	252	608	248	314	258	241	255
Beryllium	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	--	150	111	147	143	137	111	178	152	160	282	360	150	231	123	224	217	213	212	209
Boron	µg/L	Total	156	190	110	148	144	135	121	185	161	166	328	405	176	234	180	225	218	211	205	208
Cadmium	µg/L	Dissolved	--	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2

GROUNDWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			B-MW-01										B-MW-02									
			10/10/2001	1/2/2002	10/8/2002	10/7/2003	6/4/2004	10/15/2004	3/5/2005	10/6/2005	6/16/2006	6/15/2007	10/31/2001	12/5/2001	10/8/2002	11/12/2002	2/18/2003	10/7/2003	2/13/2004	6/4/2004	10/15/2004	12/30/2004
Cadmium	µg/L	Total	<1	0.63	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<1	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	21	<1	1.68	5.44	2.52	2.51	<1	1.39	1.32	<1	11.2	--	1.08	<1	1.49	2.22	1.67	1.76	1.9	1.95
Chromium	µg/L	Total	56.8	13	8.48	6.24	3.17	3.73	3.74	3.66	3.87	3.67	20.6	<10	4.06	14.3	38	5.19	13.6	2.22	2.61	3.76
Chromium, Hexavalent	µg/L	Dissolved	<10	0.1	1.7	1.6	1.7	1.5	1.2	1.1	1.2	1.2	<10	<10	0.79	1.1	0.92	0.72	0.85	0.91	0.55	0.65
Cobalt	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	1.35	18.7	<1	2.25	<1	<1	<1
Copper	µg/L	Dissolved	5.27	2.6	4.17	1.36	<1	<1	<1	<1	1.02	<1	87	<5	5.14	1.26	4.01	1.46	1.2	<1	<1	<1
Copper	µg/L	Total	73.1	14	4.77	1.42	<1	<1	<1	<1	2.44	1.28	87	14.3	4.56	9.51	31.6	1.89	5.02	<1	<1	1.06
Iron	µg/L	Dissolved	<0.1	<0.1	--	--	<100	<100	<100	<100	<100	432	--	--	--	--	--	--	113	<100	<100	<100
Iron	µg/L	Total	32.2	10	--	<100	<100	<100	233	108	306	484	--	--	--	--	--	280	4,490	<100	<100	508
Lead	µg/L	Dissolved	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.56	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	µg/L	Total	34.7	6.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.17	<0.5	18	<5	<0.5	<0.5	30.4	0.777	2.21	<0.5	<0.5	0.599
Manganese	µg/L	Dissolved	73	<2	3.43	3.41	<1	<1	1.28	1.06	8.47	1.41	--	--	4.22	2.44	2.45	2.29	2.09	<1	1.4	<1
Manganese	µg/L	Total	836	190	7.47	3.85	1.79	2.87	8.61	4.95	21.2	9.42	--	--	5.73	6.98	725	5.54	79.2	1.31	1.6	13.3
Mercury	µg/L	Dissolved	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	<0.1	--	<0.1	<0.1	0.109	<0.1	<0.1	<0.1
Mercury	µg/L	Total	<1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	0.125	<0.1	0.228	<0.1	<0.1	<0.1
Molybdenum	µg/L	Dissolved	--	--	2.22	3.36	3.14	3.34	3.54	3.61	3.51	3.56	--	--	2.21	1.31	1.62	1.36	1.76	1.48	1.53	1.53
Molybdenum	µg/L	Total	--	--	4.39	3.47	3.23	3.42	3.45	3.37	3.66	3.58	--	--	2.08	2.97	1.43	1.42	2.54	1.25	1.51	1.6
Nickel	µg/L	Dissolved	<5	<5	2.89	5.7	3.8	5	5.3	8.3	4.5	4.7	18.8	<5	2.44	1.95	5.96	4.7	6.9	4	4.5	3.9
Nickel	µg/L	Total	34.7	13	4.7	5.6	3.8	5.1	4.8	6	5.1	4.9	22.2	6.02	2.8	8.5	29	5.2	12	3.3	4.9	4.2
Selenium	µg/L	Dissolved	--	--	<5	<1	<1	1.41	1.06	<1	<1	<1	--	--	<5	<5	<5	<1	<1	1.38	1.04	<1
Selenium	µg/L	Total	--	<5	<5	<1	<1	1.75	1.27	<1	1.08	<1	--	--	<5	<5	<5	<1	<1	1.69	1.1	<1
Silver	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Silver	µg/L	Total	--	<0.5	<1	<1	<1	1.22	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	3.04
Strontium	µg/L	Dissolved	--	--	698	859	860	814	906	830	847	813	--	--	897	867	870	928	953	948	858	876
Strontium	µg/L	Total	--	--	811	882	868	813	951	914	853	864	--	--	882	918	860	932	1,010	941	859	897
Thallium	µg/L	Dissolved	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	--	--	<1	2.45	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	--	--	<1	1.42	<1	<1	<1	<1	<1	<1	--	--	<1	<1	1.66	<1	<1	<1	<1	<1
Titanium	µg/L	Dissolved	--	--	<1	2.15	2.51	1.98	2.88	2.47	2.33	2.35	--	--	<1	<1	1.66	2.06	2.89	3.59	2.23	3.4
Titanium	µg/L	Total	--	--	5.3	3.17	4.73	6	18.2	8.41	18.2	13.4	--	--	5.42	8.69	541	8.97	205	5.75	4.28	36.6
Vanadium	µg/L	Dissolved	--	--	2.15	3.65	2.22	2.18	3.86	3.74	3.14	4.43	--	--	2.41	1.97	2.55	2.76	2.21	2.37	1.97	2.2
Vanadium	µg/L	Total	--	--	2.82	3.77	2.14	2.02	4.58	4.31	3.27	4.15	--	--	2.31	2.88	40.8	3.29	9.25	2.09	1.75	3.01
Zinc	µg/L	Dissolved	412	46	42.8	19.9	6.54	13.6	<5	9.72	19.7	29.4	77.5	--	52.8	27.3	39.3	21.4	17.4	6.51	34.3	<5
Zinc	µg/L	Total	950	150	42.5	21.4	5.69	19.7	7.44	15.9	32.8	12.6	88.9	<50	41.6	76.8	157	25.6	28.5	6.51	41.9	<5
Other Constituents																						
Oil and Grease	mg/L	N/A	1.3	<3	<1	<1	<1	<1	<1	<1	--	1.5	<1	1.6	2.9	<1	<1	5.7	<1	<1	<1	<1
Perchlorate	µg/L	N/A	<4	<4	<2	<2	<2	<2	<2	<2	<2	0.64	<4	<4	<2	<2	<2	<2	<2	<2	<2	<2
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	<3,000	26	<2	<10	<10	--	--	--	--	--	<3,000	<3,000	<2	<2	<10	<10	<10	<10	--	--
Glyphosate	µg/L	N/A	--	--	<6	--	--	--	--	--	--	--	--	--	<6	--	<6	--	--	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	<2	--	--	--	--	--	--	--	--	--	<2	<2	<2	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<0.01	<0.01	<0.01	<0.02	<0.02	<0.5	<0.5	<0.5	<0.5
Volatile Organic Compounds																						
Methyl Bromide	µg/L	N/A	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	--	--	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1
Benzene	µg/L	N/A	--	--	2.3	0.95	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	1.6	<0.5	<0.5	0.87	<0.5	<0.5	<0.5	<0.5

GROUNDWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																				
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			10/10/2001	1/2/2002	10/8/2002	10/7/2003	6/4/2004	10/15/2004	3/5/2005	10/6/2005	6/16/2006	6/15/2007	10/31/2001	12/5/2001	10/8/2002	11/12/2002	2/18/2003	10/7/2003	2/13/2004	6/4/2004	10/15/2004	12/30/2004	
4-Chloroaniline	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	--	--	
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
4-Nitroaniline	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
4-Nitrophenol	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Acenaphthene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Acenaphthylene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Aniline	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Anthracene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Azobenzene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Benzidine	µg/L	N/A	--	--	<50	<50	<50	--	--	--	--	--	--	--	<50	<50	<50	<50	<50	<50	<50	--	--
Benzo (a) Anthracene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Benzo (a) Pyrene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Benzo (b) Fluoranthene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Benzo (k) Fluoranthene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Benzoic acid	µg/L	N/A	--	--	<50	<50	<50	--	--	--	--	--	--	--	<50	<50	<50	<50	<50	<50	<50	--	--
Benzyl alcohol	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	<25	<25	<25	--	--	--	--	--	--	--	<25	<25	<25	<25	<25	<25	<25	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	4.8	0.7	150	<10	<10	--	--	--	--	--	74.3	<3	<10	<10	<10	<10	<10	<10	<10	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Chrysene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Dibenzofuran	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Diethyl Phthalate	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Fluoranthene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Fluorene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Hexachlorobenzene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	<25	<25	<25	--	--	--	--	--	--	--	<25	<25	<25	<25	<25	<25	<25	--	--
Hexachloroethane	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Isophorone	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Nitrobenzene	µg/L	N/A	--	--	<25	<25	<25	--	--	--	--	--	--	--	<25	<25	<25	<25	<25	<25	<25	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Pentachlorophenol	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Phenanthrene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Phenol	µg/L	N/A	--	<5	<10	<10	<10	--	--	--	--	--	--	<1	<10	<10	<10	<10	<10	<10	<10	--	--
Pyrene	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Pyridine	µg/L	N/A	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--
Biological Parameters																							
Heterotrophic Plate Count	CFU/mL	N/A	>5,700	41,000	49,000	--	--	--	--	--	--	--	--	>5,700	>5,700	51,000	72,000	45,000	--	--	--	--	--

GROUNDWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																				
			B-MW-01										B-MW-02										
			10/10/2001	1/2/2002	10/8/2002	10/7/2003	6/4/2004	10/15/2004	3/5/2005	10/6/2005	6/16/2006	6/15/2007	10/31/2001	12/5/2001	10/8/2002	11/12/2002	2/18/2003	10/7/2003	2/13/2004	6/4/2004	10/15/2004	12/30/2004	
Total Coliforms	PN/100 ml	N/A	12	30,000	23	--	--	--	--	--	--	--	--	17	11,000	2.2	<1.1	300	--	--	--	--	--
Fecal Coliform	PN/100 ml	N/A	--	--	23	--	--	--	--	--	--	--	--	--	--	1.1	<1.1	<1.1	--	--	--	--	--
E. coli	PN/100 ml	N/A	--	--	6.9	--	--	--	--	--	--	--	--	--	--	<1.1	<1.1	<1.1	--	--	--	--	--
E. coli + Fecal Coliform	PN/100 ml	N/A	<2	25	--	--	--	--	--	--	--	--	--	<2	<2	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

GROUNDWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction							
			3/5/2005	10/6/2005	1/6/2006	3/8/2006	6/16/2006	2/28/2007	6/15/2007
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	0.56	0.56
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2
Ethanol	µg/L	N/A	<100	<50	<50	<50	<50	<50	<50
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	<5	<5	<5	<5	<5	<5
Methylene Chloride	µg/L	N/A	<0.5	<2	<2	<2	<2	<2	<2
Naphthalene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Styrene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10	<10	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds									
1-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--
2,4-Dichlorophenol	µg/L	N/A	--	--	--	--	--	--	--
2,4-Dimethylphenol	µg/L	N/A	--	--	--	--	--	--	--
2,4-Dinitrophenol	µg/L	N/A	--	--	--	--	--	--	--
2,4-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--
2,6-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--
2-Chloronaphthalene	µg/L	N/A	--	--	--	--	--	--	--
2-Chlorophenol	µg/L	N/A	--	--	--	--	--	--	--
2-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--	--	--	--	--
2-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--
2-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--	--	--	--	--
3-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--

GROUNDWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction							
			3/5/2005	10/6/2005	1/6/2006	3/8/2006	6/16/2006	2/28/2007	6/15/2007
4-Chloroaniline	µg/L	N/A	--	--	--	--	--	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--	--	--	--	--
4-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--
4-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--
Acenaphthene	µg/L	N/A	--	--	--	--	--	--	--
Acenaphthylene	µg/L	N/A	--	--	--	--	--	--	--
Aniline	µg/L	N/A	--	--	--	--	--	--	--
Anthracene	µg/L	N/A	--	--	--	--	--	--	--
Azobenzene	µg/L	N/A	--	--	--	--	--	--	--
Benzidine	µg/L	N/A	--	--	--	--	--	--	--
Benzo (a) Anthracene	µg/L	N/A	--	--	--	--	--	--	--
Benzo (a) Pyrene	µg/L	N/A	--	--	--	--	--	--	--
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--	--	--	--	--
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--
Benzoic acid	µg/L	N/A	--	--	--	--	--	--	--
Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--
Chrysene	µg/L	N/A	--	--	--	--	--	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--
Fluorene	µg/L	N/A	--	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--
Isophorone	µg/L	N/A	--	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--	--
Biological Parameters									
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--	--

GROUNDWATER ANALYTICAL RESULTS – BROADOUS SCHOOL

Constituent	Units ¹	Fraction							
			3/5/2005	10/6/2005	1/6/2006	3/8/2006	6/16/2006	2/28/2007	6/15/2007
Total Coliforms	PN/100 ml	N/A	--	--	--	--	--	--	--
Fecal Coliform	PN/100 ml	N/A	--	--	--	--	--	--	--
E. coli	PN/100 ml	N/A	--	--	--	--	--	--	--
E. coli + Fecal Coliform	PN/100 ml	N/A	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = microgram
2. -- indicates the constituent was not analyzed for. Analytes not det
3. In cases in which the filtered concentrations exceeded the total, th

STORM WATER ANALYTICAL RESULTS – HALL HOUSE
 Los Angeles and San Gabriel Rivers Watershed Council
 Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			C-Curb		C-Drive		H-Rain		H-Street		H-SW-01					H-SW-02						
			12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	02/02/04	02/25/04	01/07/05	02/18/05	12/16/02	02/12/03	02/02/04	02/25/04
General Monitoring Parameters																						
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	<1	1	2.5	2	1.5	3.2	--	--	16	16	23	
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	<1	1	2.5	2	1.5	3.2	--	--	16	16	23	
Bromide	mg/L	N/A	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	<0.1	<0.1	<0.1	
Calcium	mg/L	Total	5.11	5.58	3.78	6.11	3.77	--	8.84	2.6	0.79	1.08	1.82	1.57	0.420	2.60	10.2	2.17	4.92	8.13	3.07	
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	
Chloride	mg/L	N/A	--	--	--	--	--	--	--	--	3.2	<1	1.8	2.5	<1	1.8	--	--	3.4	1.1	<1	
Chemical Oxygen Demand	mg/L	N/A	--	--	--	--	--	--	--	--	56	41	33	33	5	74	--	--	280	120	69	
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	0.2	--	<0.1	
Hardness (as CaCO ₃)	mg/L	Total	50	38	8	36	10	20	30	9.2	12	2.4	10	4	6	26	46	50	22	32	14	
Hydroxide (as CaCO ₃)	mg/L	N/A	1.38	1.23	0.365	0.498	--	--	--	--	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	
Magnesium	mg/L	Total	--	--	--	--	0.847	--	1.88	0.391	0.19	0.23	0.405	0.345	<0.1	0.614	0.848	1.01	0.938	1.28	0.227	
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	<0.1	<0.1	0.17	0.3	<0.1	0.37	--	--	0.21	0.36	<0.1	
Nitrate (as N)	mg/L	N/A	1.3	0.82	0.24	0.25	1.7	--	1.7	0.29	0.16	<0.1	0.15	0.39	<0.1	0.25	1.1	4.2	1.5	0.36	0.24	
Nitrite (as N)	mg/L	N/A	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	<0.1	<0.1	<0.1	
Total Kjeldahl Nitrogen	mg/L	Total	11	2.8	1.8	0.56	--	--	7.6	0.84	--	--	1.5	0.84	<0.5	2	1.8	24	5.7	4.5	1.4	
Carbon, Total Organic	mg/L	N/A	--	--	--	--	--	--	--	--	6	6.8	12	8.1	1.5	15	--	--	30	7.6	7.4	
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	4.6	6.2	11	7.7	1.7	14	--	--	23	5.4	6.4	
Nitrogen, Organic	mg/L	N/A	--	--	--	--	--	--	--	--	1.1	<0.5	1.4	0.84	<0.5	1.5	--	--	5	4.2	1.1	
Ammonia-Nitrogen	mg/L	Total	0.63	<0.5	<0.1	<0.17	--	--	1.2	0.19	0.22	<0.1	0.11	<0.1	<0.1	0.49	0.65	2	0.74	0.28	0.35	
pH	pH units	N/A	6.78	6.67	6.97	7.36	5.85	--	6.27	6.36	4.68	5.79	5.88	5.71	6.5	5.74	7.21	6.7	6.82	6.55	5.43	
Phosphorus	mg/L	Dissolved	0.55	0.42	0.11	0.093	0.32	--	0.6	0.17	<0.03	0.03	0.18	0.11	0.064	0.13	0.21	0.62	0.49	0.13	0.16	
Phosphorus	mg/L	Total	--	--	--	--	--	--	--	--	0.13	0.14	0.24	0.11	0.19	0.23	--	--	0.5	0.37	0.3	
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	0.59	--	--	4.56	1.96	1.58	
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	<0.5	0.56	1.17	1.34	<0.5	3.56	--	--	4	2.97	1.80	
Specific Conductance	µmhos/cm	N/A	75	90	33	56	63	--	150	39	19	11	27	35	12	34	110	150	82	83	31	
Sulfate	mg/L	N/A	--	--	--	--	--	--	--	--	2.7	1.6	5.1	6.3	1.6	5.4	--	--	6.1	2.3	2.7	
Total Dissolved Solids	mg/L	N/A	47	57	30	30	43	--	120	23	13	6.7	16	18	10	82	77	130	48	34	28	
Total Suspended Solids	mg/L	N/A	340	470	63	86	180	--	65	30	64	27	12	<1	3	51	790	430	110	9.6	110	
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	13	3.3	3.4	4.1	2.5	7.4	--	--	37	54	41	
Metals³																						
Aluminum	µg/L	Dissolved	--	--	--	--	--	--	--	--	<50	<50	<50	<50	<25	<25	122	<50	<50	59.7	<25	
Aluminum	µg/L	Total	8,470	2,590	1,400	1,330	2,930	1,650	866	367	395	138	143	131	<25	2,540	8,210	7,160	4,900	4,220	1,340	
Antimony	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<1	1.14	<1	<1	1.29	1.6	<1	<1	<1	
Antimony	µg/L	Total	--	--	--	--	--	--	--	--	<1	1.02	<1	1.2	<1	1.57	5.97	9.35	4.31	2.79	2.28	
Arsenic	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	1.19	<0.5	
Arsenic	µg/L	Total	--	--	--	--	--	--	--	--	<1	<1	<0.5	<0.5	<0.5	1.31	2.81	<1	2.99	3.56	0.674	
Barium	µg/L	Dissolved	--	--	--	--	--	--	--	--	1.94	<1	3.53	2.39	1.68	6.2	29.3	8.45	11.3	7.57	3.52	
Barium	µg/L	Total	--	--	--	--	--	--	--	--	12.4	4.79	7.71	7.47	3.07	69.1	384	199	231	211	47.5	
Beryllium	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Beryllium	µg/L	Total	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Boron	µg/L	Dissolved	--	--	--	--	--	--	--	--	<20	<20	<50	<50	<50	<50	49	68.6	71	<50	<50	
Boron	µg/L	Total	--	--	--	--	--	--	--	--	27	<20	<50	<50	<50	<50	106	173	89.4	<50	<50	
Cadmium	µg/L	Dissolved	--	--	--	--	--	--	--	--	<0.5	<0.5	0.37	0.308	<0.2	0.396	<0.5	<0.5	<0.2	<0.2	<0.2	
Cadmium	µg/L	Total	--	--	--	--	--	--	--	--	<0.5	<0.5	0.489	0.315	<0.2	1.22	1.52	1.16	1.64	2.09	0.936	
Chromium	µg/L	Dissolved	--	--	--	--	--	--	--	--	1.61	1.39	2.14	1.61	<1	2.99	1.97	<1	1.1	<1	1.07	
Chromium	µg/L	Total	--	--	--	--	--	--	--	--	1.79	1.5	2.39	2.51	1.19	8.07	30.3	18.2	15.2	14.8	5.87	

STORM WATER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			C-Curb		C-Drive		H-Rain		H-Street		H-SW-01					H-SW-02						
			12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	02/02/04	02/25/04	01/07/05	02/18/05	12/16/02	02/12/03	02/02/04	02/25/04
Chromium, Hexavalent	µg/L	Dissolved	--	--	--	--	--	--	--	--	--	<0.2	0.41	<0.2	<0.2	<0.2	--	--	0.95	<0.2	0.51	
Cobalt	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	1.07	<1	<1	<1	<1	<1	
Cobalt	µg/L	Total	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	3.59	6.24	5.51	4.68	8.06	1.2	
Copper	µg/L	Dissolved	--	--	--	--	--	--	--	--	3.32	3.9	6.8	6.93	1.3	6.62	14.7	17	12.7	5.71	3.81	
Copper	µg/L	Total	--	--	--	--	--	--	--	--	13.3	5.45	10.2	8.67	1.55	41.3	62.4	123	117	61.7	28.8	
Iron	µg/L	Dissolved	<0.1	--	<0.1	--	<0.1	--	<0.1	--	--	--	176	<100	<100	<100	--	--	165	<100	<100	
Iron	µg/L	Total	11.1	<0.1	1.5	0.138	4.67	2.65	1.43	<0.1	--	--	210	222	114	3,530	--	--	7,850	5,770	1,900	
Lead	µg/L	Dissolved	--	--	--	--	--	--	--	--	4.39	1.86	6.16	2.82	3.82	2.91	3.12	1.48	1.49	1.81	0.522	
Lead	µg/L	Total	--	--	--	--	--	--	--	--	23.1	8.81	13	15.4	9.98	99.3	90.8	120	130	138	46	
Manganese	µg/L	Dissolved	--	--	--	--	--	--	--	--	18.2	15.9	39.9	28.9	5.93	62.7	49.5	16.9	9.75	2.31	2.68	
Manganese	µg/L	Total	--	--	--	--	--	--	--	--	19.9	21	49.5	32.6	6.49	167	295	256	266	298	50.7	
Mercury	µg/L	Dissolved	--	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	<0.1	<0.1	<0.1	
Mercury	µg/L	Total	--	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	0.139	<0.1	0.106	
Molybdenum	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Molybdenum	µg/L	Total	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	2.31	3.66	2.14	1.63	<1	
Nickel	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	1.51	2.1	<2	<2	2.5	7.23	1.94	5.1	12	3.1	
Nickel	µg/L	Total	--	--	--	--	--	--	--	--	1.83	1.24	2.6	<2	<2	8.4	20.4	16.3	23	69	13	
Selenium	µg/L	Dissolved	--	--	--	--	--	--	--	--	<5	<5	<1	<1	<1	<1	<5	<5	<1	<1	<1	
Selenium	µg/L	Total	--	--	--	--	--	--	--	--	<5	<5	<1	<1	<1	<1	<5	<5	<1	<1	<1	
Silver	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Silver	µg/L	Total	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Strontium	µg/L	Dissolved	--	--	--	--	--	--	--	--	4.7	4.47	12.1	11.2	2.55	16.4	65.5	26.1	27.6	15	12.7	
Strontium	µg/L	Total	--	--	--	--	--	--	--	--	8.71	6.46	14.3	12.3	2.47	32.2	123	125	167	59.6	23.2	
Thallium	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Thallium	µg/L	Total	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Tin	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	1.2	<1	<1	<1	<1	
Tin	µg/L	Total	--	--	--	--	--	--	--	--	<1	1.77	<1	<1	<1	1.12	6.49	11.1	1.54	3.38	1.37	
Titanium	µg/L	Dissolved	--	--	--	--	--	--	--	--	<1	<1	1.13	<1	<1	1.2	5.63	1.56	3.9	4.17	1.45	
Titanium	µg/L	Total	--	--	--	--	--	--	--	--	23.4	6.72	9.66	8.12	1.69	214	480	501	257	291	96.5	
Vanadium	µg/L	Dissolved	--	--	--	--	--	--	--	--	1.33	1.2	1.43	1.42	<1	2.38	1.5	1.97	1.61	1.3	<1	
Vanadium	µg/L	Total	--	--	--	--	--	--	--	--	2.72	2.17	1.91	1.8	<1	9.84	18	23.9	14.6	11.2	4.37	
Zinc	µg/L	Dissolved	--	--	--	--	--	--	--	--	141	131	279	251	86.3	496	29.4	27.4	50.4	88.1	28.7	
Zinc	µg/L	Total	--	--	--	--	--	--	--	--	145	179	396	261	93.4	933	336	335	441	849	189	
Other Constituents																						
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	1.7	1.8	<1	2.2	1.1	2	3.1	5.8	--	52	1.6	
Perchlorate	µg/L	N/A	--	--	--	--	--	--	--	--	<2	<2	<2	<2	<2	<2	--	--	<2	<2	<2	
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	<2	<10	<10	<10	--	--	--	--	--	<100	--	
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	<6	<6	--	--	--	--	--	--	--	--	--	
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	<2	<2	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Volatile Organic Compounds																						
Methyl Bromide	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<1	<1	<1	<1	--	<0.5	<1	<1	<1	
Benzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Toluene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Ethylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
o-Xylene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
p/m-Xylene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Trichloroethylene (TCE)	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	

STORM WATER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			C-Curb		C-Drive		H-Rain		H-Street		H-SW-01						H-SW-02					
			12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	02/02/04	02/25/04	01/07/05	02/18/05	12/16/02	02/12/03	02/02/04	02/25/04
Tetrachloroethylene (PCE)	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1,1,2-Tetrachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1,1-Trichloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1,2,2-Tetrachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1,2-Trichloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1-Dichloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1-Dichloroethylene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,1-Dichloropropene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2,3-Trichlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2,4-Trichlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2,4-Trimethylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2-Dibromoethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2-Dichlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2-Dichloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2-Dichloropropane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,2-Trans-Dichloroethylene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,3,5-Trimethylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,3-Dichlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,3-Dichloropropane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
1,4-Dichlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
2,2-Dichloropropane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
2-Butanone (Methylethyl ketone)	µg/L	N/A	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	--	<1	<1	1.8	1.3	
2-Chlorotoluene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
2-Hexanone	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
4-Chlorotoluene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	--	--	--	--	--	--	--	--	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	
Acetone	µg/L	N/A	--	--	--	--	--	--	--	--	5	6.6	26	13	12	7.9	--	5.6	6.6	15	15	
Acrylonitrile	µg/L	N/A	--	--	--	--	--	--	--	--	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	
Allyl Chloride	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Bromobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Bromochloromethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Bromoform	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Carbon disulfide	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Carbon Tetrachloride	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Chlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Chloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Chloroform	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
cis-1,2-Dichloroethene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
cis-1,3-Dichloropropene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Dibromochloromethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Dibromomethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Dichlorobromomethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Dichlorodifluoromethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Diethyl Ether	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Diisopropyl Ether (DIPE)	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<2	<2	<2	<2	--	--	<2	<2	<2	
Ethanol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<100	<100	<100	<100	--	--	<100	<100	<100	
Ethyl Methacrylate	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<2	<2	<2	<2	--	--	<2	<2	<2	

STORM WATER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			C-Curb		C-Drive		H-Rain		H-Street		H-SW-01					H-SW-02						
			12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	02/02/04	02/25/04	01/07/05	02/18/05	12/16/02	02/12/03	02/02/04	02/25/04	01/07/05	
Hexachloro-1,3-Butadiene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Iodomethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Isopropylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Methyl Chloride	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Methyl Methacrylate	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Methylene Chloride	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	--	<0.5	<0.5	<0.5	<0.5	
Naphthalene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
n-Butylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
n-Propylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
p-Isopropyltoluene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.66	
sec-Butylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Styrene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
t-1,4-Dichloro-2-Butene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<2	<2	<2	<2	--	--	<2	<2	<2	
Tert-Butyl Alcohol (TBA)	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	<10	<10	<10	
tert-Butylbenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Tetrahydrofuran	µg/L	N/A	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	
trans-1,3-Dichloropropene	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Trichlorofluoromethane	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Vinyl Chloride	µg/L	N/A	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	
Semi-Volatile Organic Compounds																						
1-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2,4-Dichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2,4-Dimethylphenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2,4-Dinitrophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<50	<50	<50	<50	--	--	--	--	--	<500	--	
2,4-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2,6-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2-Chloronaphthalene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2-Chlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
2-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--	--	--	--	--	--	<25	<25	<25	<25	--	--	--	--	--	<250	--	
3-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--	--	<50	<50	<50	<50	--	--	--	--	--	<500	--	
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
4-Chloroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
4-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
4-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Acenaphthene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Acenaphthylene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Aniline	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Azobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	

STORM WATER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			C-Curb		C-Drive		H-Rain		H-Street		H-SW-01					H-SW-02						
			12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	12/16/02	02/12/03	02/02/04	02/25/04	01/07/05	02/18/05	12/16/02	02/12/03	02/02/04	02/25/04
Benztidine	µg/L	N/A	--	--	--	--	--	--	--	--	<50	<50	<50	<50	--	--	--	--	--	<500	--	
Benzo (a) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Benzo (a) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Benzoic acid	µg/L	N/A	--	--	--	--	--	--	--	--	<50	<50	<50	<50	--	--	--	--	--	<500	--	
Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	<25	<25	<25	<25	--	--	--	--	--	<250	--	
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	400	--	
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Chrysene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	<25	<25	<25	<25	--	--	--	--	--	<250	--	
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<25	<25	<25	<25	--	--	--	--	--	<250	--	
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
N-Nitrosodiphenylamino	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	<10	<10	<10	<10	--	--	--	--	--	<100	--	
Biological Parameters																						
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--	--	--	30,000	13,000	--	--	--	--	--	--	--	--	--	
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	600	<1.1	--	--	--	--	--	--	--	--	--	
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	<1.1	<1.1	--	--	--	--	--	--	--	--	--	
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	<1.1	<1.1	--	--	--	--	--	--	--	--	--	

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.

2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.

3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – HALL HOUSE

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²					
			H-LS-01					
			12/23/02	02/04/04	02/27/04	10/20/04	01/07/05	02/18/05
General Monitoring Parameters								
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Bromide	mg/L	N/A	<0.1	<0.1	<0.1	0.12	<0.1	<0.1
Calcium	mg/L	Total	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Chloride	mg/L	N/A	65	19	19	56	33	<1
Chemical Oxygen Demand	mg/L	N/A	--	<5	<5	<5	5	5.1
Fluoride	mg/L	N/A	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	1.5	0.11	<0.1	<0.1	0.28	0.28
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	--	0.28	<0.5	<1	<0.5	<0.5
Carbon, Total Organic	mg/L	N/A	--	13	3.8	2.9	3.1	3
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--
Nitrogen, Organic	mg/L	N/A	--	<0.5	<0.5	<1	<0.5	<0.5
Ammonia-Nitrogen	mg/L	Total	--	<0.2	<0.2	<0.1	<0.2	<0.2
pH	pH units	N/A	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--
Phosphorus	mg/L	Total	--	<0.03	12	<0.03	0.13	0.74
Potassium	mg/L	Total	--	--	--	--	--	--
Sodium	mg/L	Total	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	970	--	--	--	--
Sulfate	mg/L	N/A	110	31	44	91	50	19
Total Dissolved Solids	mg/L	N/A	--	610	580	610	410	290
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	--
Metals³								
Aluminum	µg/L	Dissolved	<50	<50	<50	<25	<25	<25
Aluminum	µg/L	Total	--	<50	<50	<25	<25	<25
Antimony	µg/L	Dissolved	1.26	<1	<1	1.13	1.36	<1
Antimony	µg/L	Total	--	1.02	1.01	1.18	1.13	<1
Arsenic	µg/L	Dissolved	4.26	<0.5	<0.5	<0.5	<0.5	<0.5
Arsenic	µg/L	Total	--	<0.5	<0.5	<0.5	<0.5	<0.5
Barium	µg/L	Dissolved	28.5	77.5	107	103	45	29.9
Barium	µg/L	Total	--	78.4	112	102	47.6	33.1
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	--	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	304	305	243	288	245	152
Boron	µg/L	Total	--	279	249	286	269	159
Cadmium	µg/L	Dissolved	<0.5	0.245	0.221	<0.2	<0.2	<0.2

LYSIMETER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²					
			H-LS-01					
			12/23/02	02/04/04	02/27/04	10/20/04	01/07/05	02/18/05
Cadmium	µg/L	Total	--	0.231	0.223	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	22.5	2.37	<1	1.09	1.61	<1
Chromium	µg/L	Total	--	2.45	<1	1.13	1.75	<1
Chromium, Hexavalent	µg/L	Dissolved	25	--	--	0.37	0.56	0.66
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	--	<1	<1	<1	<1	<1
Copper	µg/L	Dissolved	7.71	3.66	3.96	2.01	2.93	1.58
Copper	µg/L	Total	--	4.86	6.4	4.74	3.45	2.43
Iron	µg/L	Dissolved	--	143	<100	<100	<100	<100
Iron	µg/L	Total	--	321	197	<100	<100	<100
Lead	µg/L	Dissolved	0.591	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	µg/L	Total	--	0.598	<0.5	<0.5	<0.5	<0.5
Manganese	µg/L	Dissolved	1.26	476	444	16.8	3.68	2.06
Manganese	µg/L	Total	--	467	449	8.55	3.72	2.05
Mercury	µg/L	Dissolved	--	--	--	--	--	<0.1
Mercury	µg/L	Total	--	--	--	--	--	<0.1
Molybdenum	µg/L	Dissolved	29.2	90.9	70.6	48.8	60.2	49.3
Molybdenum	µg/L	Total	--	89.1	72	46.4	62.5	51.1
Nickel	µg/L	Dissolved	4.67	14	11	7.1	3.9	2.4
Nickel	µg/L	Total	--	14	11	7	3.9	2.6
Selenium	µg/L	Dissolved	<5	<1	<1	1.17	<1	<1
Selenium	µg/L	Total	--	<1	<1	<1	<1	<1
Silver	µg/L	Dissolved	<1	<1	<1	<1	<1	<1
Silver	µg/L	Total	--	<1	<1	<1	<1	<1
Strontium	µg/L	Dissolved	545	576	685	987	538	389
Strontium	µg/L	Total	--	561	701	935	563	395
Thallium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	--	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	2.12	<1	<1	<1	<1	<1
Tin	µg/L	Total	--	<1	<1	<1	<1	<1
Titanium	µg/L	Dissolved	5.54	1.94	3.91	3.67	4.59	1.67
Titanium	µg/L	Total	--	3.42	5.07	3.26	5.04	2.49
Vanadium	µg/L	Dissolved	44.2	2.38	1.23	1.94	1.37	1.21
Vanadium	µg/L	Total	--	1.25	1.32	1.35	1.54	1.28
Zinc	µg/L	Dissolved	56.9	22.9	11.2	16	6.77	<5
Zinc	µg/L	Total	--	33.2	10.1	38.3	7.04	6.36
Other Constituents								
Oil and Grease	mg/L	N/A	--	1.1	--	<1	<1	--
Perchlorate	µg/L	N/A	--	--	--	--	--	--
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--
Glyphosate	µg/L	N/A	--	--	--	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Volatile Organic Compounds								
Methyl Bromide	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	--	<1	<1	<1	<1	<1
Benzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²					
			H-LS-01					
			12/23/02	02/04/04	02/27/04	10/20/04	01/07/05	02/18/05
Toluene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	--	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	--	<2	<2	<2	<2	<2
Acetone	µg/L	N/A	--	<2	<2	<2	<2	<2
Acrylonitrile	µg/L	N/A	--	<2	<2	<2	<2	<2
Allyl Chloride	µg/L	N/A	--	1.1	<0.5	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	--	3.6	<0.5	2.4	2.1	<0.5
Carbon Tetrachloride	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	--	<0.5	<0.5	1.6	5.7	0.92
cis-1,2-Dichloroethene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²					
			H-LS-01					
			12/23/02	02/04/04	02/27/04	10/20/04	01/07/05	02/18/05
Dichlorobromomethane	µg/L	N/A	--	<0.5	<0.5	<0.5	1.9	<0.5
Dichlorodifluoromethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	--	<2	<2	<2	<2	<2
Ethanol	µg/L	N/A	--	<100	<100	<100	<100	<100
Ethyl Methacrylate	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	--	<2	<2	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	µg/L	N/A	--	<0.5	<0.5	<0.5	0.51	1
Naphthalene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
n-Butylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Styrene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	--	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	--	12	<10	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	--	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds								
1-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dichlorophenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dimethylphenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dinitrophenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--
2,6-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--
2-Chloronaphthalene	µg/L	N/A	--	--	--	--	--	--
2-Chlorophenol	µg/L	N/A	--	--	--	--	--	--
2-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--	--	--	--
2-Nitroaniline	µg/L	N/A	--	--	--	--	--	--
2-Nitrophenol	µg/L	N/A	--	--	--	--	--	--
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--	--	--	--
3-Nitroaniline	µg/L	N/A	--	--	--	--	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--	--	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--	--	--	--

LYSIMETER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²					
			H-LS-01					
			12/23/02	02/04/04	02/27/04	10/20/04	01/07/05	02/18/05
4-Chloroaniline	µg/L	N/A	--	--	--	--	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--	--	--	--
4-Nitroaniline	µg/L	N/A	--	--	--	--	--	--
4-Nitrophenol	µg/L	N/A	--	--	--	--	--	--
Acenaphthene	µg/L	N/A	--	--	--	--	--	--
Acenaphthylene	µg/L	N/A	--	--	--	--	--	--
Aniline	µg/L	N/A	--	--	--	--	--	--
Anthracene	µg/L	N/A	--	--	--	--	--	--
Azobenzene	µg/L	N/A	--	--	--	--	--	--
Benzidine	µg/L	N/A	--	--	--	--	--	--
Benzo (a) Anthracene	µg/L	N/A	--	--	--	--	--	--
Benzo (a) Pyrene	µg/L	N/A	--	--	--	--	--	--
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--	--	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--	--	--	--
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--	--	--	--
Benzoic acid	µg/L	N/A	--	--	--	--	--	--
Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Chrysene	µg/L	N/A	--	--	--	--	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Fluoranthene	µg/L	N/A	--	--	--	--	--	--
Fluorene	µg/L	N/A	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--
Isophorone	µg/L	N/A	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--
N-Nitrosodiphenylamino	µg/L	N/A	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--
Biological Parameters								
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--

LYSIMETER ANALYTICAL RESULTS – HALL HOUSE

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²					
			H-LS-01					
			12/23/02	02/04/04	02/27/04	10/20/04	01/07/05	02/18/05
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

STORM WATER ANALYTICAL RESULTS – IMAX
 Los Angeles and San Gabriel Rivers Watershed Council
 Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²															
			I-SW-01								I-SW-02							
			11/08/02	12/16/02	02/12/03	03/15/03	02/02/04	02/25/04	12/28/04	02/18/05	11/08/02	12/16/02	02/12/03	03/15/03	02/02/04	02/25/04	12/28/04	02/18/05
General Monitoring Parameters																		
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	2	<1	3	2.4	3.8	4	7.7	3.7	10	<1	3	6.1	3.2	6	5	4
Bicarbonate (as CaCO ₃)	mg/L	N/A	2	<1	3	2.4	3.8	4	7.7	3.7	10	<1	3	6.1	3.2	6	5	4
Bromide	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.5	<0.1	<0.1
Calcium	mg/L	Total	1.18	0.483	0.797	0.509	1.01	1.71	0.600	0.931	2.22	1.12	1.81	0.585	1.99	1.17	0.990	1.33
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	<1	<1	<1	<1	1.6	1.8	1.3	<1	1.6	1.8	<1	<1	3.6	1.7	2.5	<1
Chemical Oxygen Demand	mg/L	N/A	7.7	64	33	15	36	21	23	10	18	59	21	13	41	13	43	61
Fluoride	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness (as CaCO ₃)	mg/L	Total	4	8	6.8	<2	6	8	4	8	8	8	10	<2	10	6	22	10
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	0.179	0.174	0.168	0.136	0.186	0.438	0.145	0.258	0.234	0.36	0.248	0.202	0.473	0.265	0.288	0.213
MBAS (Surfactants)	mg/L	N/A	0.15	<0.1	<0.1	<0.1	<0.1	0.19	0.11	<0.1	0.19	<0.1	<0.1	<0.1	0.1	0.13	0.11	<0.1
Nitrate (as N)	mg/L	N/A	0.19	0.15	0.15	0.16	0.19	0.44	0.23	0.17	0.42	0.18	<0.1	0.32	1.1	<0.1	1.2	0.24
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.12	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	--	--	--	--	1.5	0.98	<0.5	0.56	--	--	--	2.1	0.84	--	1.1	0.84
Carbon, Total Organic	mg/L	N/A	4	1.3	2	2.6	3.5	3.9	1.6	2.8	6.3	2	1.5	1.6	6	2.8	2.4	3.1
Carbon, Dissolved Organic	mg/L	N/A	4.5	1.2	2.5	2.6	3	3.8	1.6	3	7.2	1.8	2.4	2.3	4.7	2.8	2.4	3.1
Nitrogen, Organic	mg/L	N/A	<0.5	1.1	0.56	<0.5	1.4	0.63	<0.5	0.56	0.6	<0.5	<0.5	<0.5	1.5	<0.5	0.61	0.84
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.1	<0.1	0.21	0.11	0.35	<0.1	<0.1	0.52	0.35	<0.1	0.21	0.56	0.35	0.49	<0.1
pH	pH units	N/A	7.05	7.29	6.19	5.94	6.52	6.24	7.65	6.53	6.31	6.22	6.37	5.97	6.06	6.37	6.02	6.29
Phosphorus	mg/L	Dissolved	<0.03	0.09	<0.03	<0.03	<0.03	<0.03	0.064	<0.03	<0.03	<0.1	<0.03	<0.03	0.045	<0.03	0.13	<0.03
Phosphorus	mg/L	Total	<0.03	0.11	0.63	<0.03	<0.03	0.062	0.16	0.14	<0.03	<0.1	0.084	<0.03	0.097	0.067	0.23	0.23
Potassium	mg/L	Total	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sodium	mg/L	Total	0.71	<0.5	<0.5	<0.5	0.882	1.48	1.26	0.539	1.53	<0.5	<0.5	<0.5	2.36	1.41	3.20	0.686
Specific Conductance	µmhos/cm	N/A	12	8.3	8.7	6.3	17	28	18	14	29	14	12	12	39	25	35	19
Sulfate	mg/L	N/A	<1	<1	<1	2.3	2.3	3.7	2.2	3.1	2.4	<1	<1	2.2	2.9	3.8	2.6	3.5
Total Dissolved Solids	mg/L	N/A	10	20	6.7	6.7	10	22	14	34	20	37	6.7	10	14	22	20	30
Total Suspended Solids	mg/L	N/A	<1	110	10	1.5	30	3.4	22	14	1.1	89	9.6	16	96	<1	38	140
Turbidity	NTU	N/A	2.8	26	9.1	2.2	4.6	11	4	5.5	4.8	36	11	2.7	14	11	9.1	23
Metals³																		
Aluminum	µg/L	Dissolved	<50	<50	<50	<50	<50	<50	<25	<25	<50	<50	<50	<50	<50	105	<25	<25
Aluminum	µg/L	Total	<50	308	803	50.3	316	333	192	1,180	105	373	204	255	168	503	851	952
Antimony	µg/L	Dissolved	1.38	<1	<1	<1	<1	<1	<1	<1	7.69	<1	<1	<1	1.13	1.62	<1	2.01
Antimony	µg/L	Total	1.54	<1	2.18	<1	1.2	1.18	<1	2.83	7.68	<1	<1	<1	1.27	3.15	<1	4.28
Arsenic	µg/L	Dissolved	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	138	1.3	1.75	17.4	32.4	31.7	60.9	43.3
Arsenic	µg/L	Total	<1	6.51	<1	<1	<0.5	<0.5	<0.5	0.9	153	1.44	1.84	22.8	58.7	35.2	69.4	53.2
Barium	µg/L	Dissolved	72.7	<1	<1	<1	<1	1.43	<1	<1	106	2.66	1.5	1.44	5.06	3.7	3.06	2.06
Barium	µg/L	Total	1.29	9.26	16.7	<1	8.12	6.44	4.26	32.5	8.05	23.1	9.04	8.96	7.42	15.6	20.7	29.3
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	<20	<20	<20	<20	<20	<50	<50	<50	<20	<20	<20	<20	<50	<50	<50	<50
Boron	µg/L	Total	<20	<20	<20	<20	<50	<50	<50	<50	23.6	<20	<20	<20	<50	<50	<50	<50
Cadmium	µg/L	Dissolved	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	0.997	<0.5	<0.5	<0.5	<0.5	0.229	<0.2	0.267	0.226
Chromium	µg/L	Dissolved	<1	<1	<1	<1	<1	1.39	1.04	2.09	<1	<1	1.05	<1	<1	1.41	<1	1.99
Chromium	µg/L	Total	<1	1.26	2.58	<1	1.61	3.12	1.42	4.91	1.21	1.68	1.07	1.16	<1	2.64	3.07	4.35

STORM WATER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²															
			I-SW-01								I-SW-02							
			11/08/02	12/16/02	02/12/03	03/15/03	02/02/04	02/25/04	12/28/04	02/18/05	11/08/02	12/16/02	02/12/03	03/15/03	02/02/04	02/25/04	12/28/04	02/18/05
Ben-zidine	µg/L	N/A	<50	<50	<50	<50	<50	<50	--	--	<50	<50	<50	<50	<50	<50	--	--
Benzo (a) Anthracene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Benzo (a) Pyrene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Benzo (b) Fluoranthene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Benzo (k) Fluoranthene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Benzoic acid	µg/L	N/A	<50	<50	<50	<50	<50	<50	--	--	<50	<50	<50	<50	<50	<50	--	--
Benzyl alcohol	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	<25	<25	<25	<25	<25	<25	--	--	<25	<25	<25	<25	<25	<25	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Butyl Benzyl Phthalate	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Chrysene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Dibenzofuran	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Diethyl Phthalate	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Dimethyl Phthalate	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Di-n-Butyl Phthalate	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Di-n-Octyl Phthalate	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Fluoranthene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Fluorene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Hexachlorobenzene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Hexachlorocyclopentadiene	µg/L	N/A	<25	<25	<25	<25	<25	<25	--	--	<25	<25	<25	<25	<25	<25	--	--
Hexachloroethane	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Isophorone	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Nitrobenzene	µg/L	N/A	<25	<25	<25	<25	<25	<25	--	--	<25	<25	<25	<25	<25	<25	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
N-Nitrosodiphenylamino	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Pentachlorophenol	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Phenanthrene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Phenol	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Pyrene	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Pyridine	µg/L	N/A	<10	<10	<10	<10	<10	<10	--	--	<10	<10	<10	<10	<10	<10	--	--
Biological Parameters																		
Heterotrophic Plate Count	CFU/mL	N/A	800	160	1,300	1,700	--	--	--	--	500	6,400	2,000	1,700	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	<1.1	<1.1	500	<1.1	--	--	--	--	<1.1	700	13,000	<1.1	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	<1.1	<1.1	20	<1.1	--	--	--	--	<1.1	<1.1	260	40	--	--	--	--
E. coli	MPN/100 mL	N/A	<1.1	<1.1	20	<1.1	--	--	--	--	<1.1	<1.1	120	<1.1	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
 3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – IMAX

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																
			I-LS-01										I-LS-02						
			03/20/02	01/03/03	02/27/03	03/18/03	02/04/04	02/27/04	10/21/04	12/29/04	02/23/05	01/03/06	02/28/06	02/23/07	03/20/02	11/10/02	12/23/02	03/18/03	02/26/04
General Monitoring Parameters																			
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromide	mg/L	N/A	0.13	0.72	--	2	<0.2	<0.1	2.4	1.7	0.59	2.5	<0.1	0.85	0.13	<0.1	<0.1	<0.1	<0.1
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	mg/L	N/A	--	120	--	100	110	120	100	110	53	130	140	90	--	9.5	15	2.7	2.2
Chemical Oxygen Demand	mg/L	N/A	<5	--	--	--	--	23	58	28	--	64	26	190	6	36	--	--	21
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	7.7	310	--	280	300	300	310	320	120	230	240	50	8.2	3.4	2.6	1.2	0.77
Nitrite (as N)	mg/L	N/A	<0.2	<0.1	--	<0.1	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	0.46	--	--	--	--	<0.5	--	<0.5	--	--	<1	1.4	<0.2	--	--	--	<0.5
Carbon, Total Organic	mg/L	N/A	1.7	--	--	--	--	10	7.3	7.6	--	29	8.9	4.6	1.9	14	--	--	4.9
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen, Organic	mg/L	N/A	0.404	--	--	--	--	<0.5	--	<0.5	--	--	<1	1.4	<0.2	1.3	--	--	<0.5
Ammonia-Nitrogen	mg/L	Total	0.056	--	--	--	--	<0.2	--	<0.2	--	--	<0.4	<0.2	0.063	0.46	<0.2	--	<0.2
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Total	--	--	--	0.18	--	14	0.26	0.34	--	0.25	0.38	4.8	--	0.1	--	0.054	2.6
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/L	N/A	--	650	--	460	500	490	440	470	140	450	480	240	--	130	200	39	39
Total Dissolved Solids	mg/L	N/A	710	3,000	--	2,400	3,000	2,800	2,900	2,400	--	2,220	--	1,040	700	330	610	--	130
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turbidity	NTU	N/A	271	--	--	--	--	--	--	--	--	--	--	--	269	--	--	--	--
Metals³																			
Aluminum	µg/L	Dissolved	--	<50	--	<50	--	<50	<25	<25	<25	<25	<25	<25	--	<50	<50	<50	<50
Aluminum	µg/L	Total	--	<50	<50	<50	<50	455	<25	<25	<25	<25	<25	<25	--	398	168	124	455
Antimony	µg/L	Dissolved	--	<1	--	2.41	--	<1	1.03	<1	<1	<1	<1	1.01	--	2.02	<1	2.72	<1
Antimony	µg/L	Total	--	1.32	2.49	<1	<1	<1	<1	<1	<1	1.06	<1	1.3	--	2.87	1.62	1.76	<1
Arsenic	µg/L	Dissolved	2	1.65	--	3.06	--	1.62	6.78	6.57	6.17	6.57	8.26	5.27	2.2	22.1	6.76	20.3	12.5
Arsenic	µg/L	Total	7.4	4.87	4.01	4.12	2.31	1.51	8.47	5.61	6.8	6.35	18.2	5.36	9.9	28.6	9.74	23	13.8
Barium	µg/L	Dissolved	--	132	--	97.5	--	132	122	132	96.4	205	139	93	--	58.7	18.7	11	31.7
Barium	µg/L	Total	--	160	81.3	95.3	128	132	143	143	106	220	129	96.6	--	32.3	20.9	11.9	41.3
Beryllium	µg/L	Dissolved	--	<1	--	<1	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1
Beryllium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1
Boron	µg/L	Dissolved	--	99.4	--	125	--	110	118	136	53.2	162	108	160	--	30	32.6	<20	<50
Boron	µg/L	Total	--	142	144	129	139	109	118	135	59.1	152	109	166	--	30.2	45.8	21	<50
Cadmium	µg/L	Dissolved	--	<0.5	--	0.524	--	0.372	0.283	0.4	<0.2	0.437	0.245	0.223	--	<0.5	<0.5	<0.5	<0.2
Cadmium	µg/L	Total	<0.5	<0.5	0.591	0.626	0.397	0.388	0.392	0.409	0.218	0.477	0.252	0.219	<0.5	<0.5	<0.5	<0.5	<0.2
Chromium	µg/L	Dissolved	34	1.16	--	3.86	--	4.45	5.16	9.05	3.03	<1	3.33	2.1	33	23.5	41.6	8.71	5.66
Chromium	µg/L	Total	64	3.9	4.23	2.77	7.16	5.14	4.73	2.77	10	3.59	1.73	3.29	3.09	83	36.5	80.7	11.1
Chromium, Hexavalent	µg/L	Dissolved	35.2	2	--	3.6	--	--	7.2	8.7	3.3	2.5	5.1	4.1	35.1	28	74	8.4	--
Cobalt	µg/L	Dissolved	--	<1	--	1	--	<1	<1	<1	<1	<1	<1	1.17	--	<1	<1	1.34	<1
Cobalt	µg/L	Total	--	<1	4.15	<1	1.19	<1	<1	<1	<1	<1	<1	1.25	--	<1	<1	<1	<1
Copper	µg/L	Dissolved	<2	9.85	--	10.1	--	6.65	3.18	5.02	3.55	38.7	14.1	22.1	<2	4.48	2.36	2.24	2.81

LYSIMETER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																
			I-LS-01											I-LS-02					
			03/20/02	01/03/03	02/27/03	03/18/03	02/04/04	02/27/04	10/21/04	12/29/04	02/23/05	01/03/06	02/28/06	02/23/07	03/20/02	11/10/02	12/23/02	03/18/03	02/26/04
Copper	µg/L	Total	22	13.4	23.1	11	25.5	7.95	6.91	6.04	3.65	41.2	13.9	23.1	34	9.3	4.4	3.01	10.4
Iron	µg/L	Dissolved	--	--	--	--	--	<100	<100	760	126	870	310	381	--	--	--	--	<100
Iron	µg/L	Total	--	--	--	--	156	132	<100	796	172	985	521	445	--	--	--	--	1,290
Lead	µg/L	Dissolved	<0.5	<0.5	--	0.866	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	µg/L	Total	6.3	1.17	4.12	1.48	<0.5	1.14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.4	1.49	0.723	0.737	3.29
Manganese	µg/L	Dissolved	--	1.32	--	<1	--	<1	<1	<1	1.34	<1	1.05	1.23	--	18.4	12.7	20.9	18.1
Manganese	µg/L	Total	--	2.22	4.66	<1	1.07	2.1	<1	<1	1.32	<1	1.09	1.6	--	31	26.9	26.3	29.8
Mercury	µg/L	Dissolved	--	--	--	--	--	--	--	--	--	<0.1	<0.1	--	--	--	--	--	<0.1
Mercury	µg/L	Total	<0.2	--	--	--	--	--	--	--	--	<0.1	<0.1	--	<0.2	--	--	--	<0.1
Molybdenum	µg/L	Dissolved	--	1.35	--	3.13	--	3.32	3.63	4.62	1.53	6.53	4.08	14.1	--	6.91	11.5	2.9	1.84
Molybdenum	µg/L	Total	--	1.74	2.39	2.87	3.17	3.62	3.83	4.82	1.83	5.57	3.91	15.1	--	8.3	18.5	2.52	1.89
Nickel	µg/L	Dissolved	5.2	6.74	--	32	--	12	9.3	17	5.5	18	8.7	12	5.6	3.17	1.3	1.64	4
Nickel	µg/L	Total	22	10.1	21.8	24.9	35	14.7	9.8	12	6.4	18	11	12	32	4.39	2.4	1.19	6.6
Selenium	µg/L	Dissolved	--	5.32	--	<5	--	<1	10.9	<1	3.08	12	<1	1.7	--	<5	<5	<5	<1
Selenium	µg/L	Total	--	20.9	<5	<5	2.43	<1	10	<1	3.97	13.1	<1	2.72	--	<5	<5	<5	<1
Silver	µg/L	Dissolved	--	<1	--	<1	--	<1	2.49	<1	<1	<1	<1	<1	--	<1	<1	<1	<1
Silver	µg/L	Total	--	<1	<1	<1	<1	<1	2.41	<1	<1	<1	<1	<1	--	<1	<1	<1	<1
Strontium	µg/L	Dissolved	--	1,390	--	2,060	--	1,990	1,500	1,810	703	1660	1010	629	--	131	74.9	54.1	73.9
Strontium	µg/L	Total	--	1,630	1,340	2,200	1,960	2,060	1,710	2,010	780	1780	937	661	--	158	120	52.2	79.2
Thallium	µg/L	Dissolved	--	<1	--	<1	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1
Thallium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1
Tin	µg/L	Dissolved	--	1.06	--	1.14	--	<1	<1	<1	<1	<1	2.95	<1	--	1.29	<1	1.67	2.96
Tin	µg/L	Total	--	3.66	1.29	<1	1.34	<1	<1	<1	<1	<1	3.1	<1	--	2.85	1.72	4.76	6.1
Titanium	µg/L	Dissolved	--	1.42	--	3.11	--	6.18	4.79	7.39	8.96	4.86	5.5	4.99	--	1.06	<1	<1	1.03
Titanium	µg/L	Total	--	3.57	10	2.87	4.58	6.8	4.88	8.42	8.91	5.38	5.2	7.18	--	9.9	4.53	4.75	17.6
Vanadium	µg/L	Dissolved	--	4.28	--	4.64	--	3.46	3.48	4.8	4.93	4.56	3.25	7.53	--	1.84	<1	<1	<1
Vanadium	µg/L	Total	--	5.18	4.45	4.34	6.62	3.62	4.45	5.41	5.64	4.69	3.01	7.24	--	3.67	2.42	1.43	1.76
Zinc	µg/L	Dissolved	25	130	--	129	--	80.9	39.3	64	104	81.4	68.2	62.5	21	4,650	4,080	1,720	546
Zinc	µg/L	Total	70	181	209	124	116	107	77.9	62.8	105	79.2	66.1	71	120	6,400	7,050	1,930	747
Other Constituents																			
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Perchlorate	µg/L	N/A	<4	--	--	--	--	--	--	--	--	110	89	23	<4	--	--	--	--
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<0.01	<0.5	<0.5	<0.5	<0.5
Volatile Organic Compounds																			
Methyl Bromide	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	--	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	--	0.54	<0.5	<1	<1
Benzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																	
			I-LS-01										I-LS-02							
			03/20/02	01/03/03	02/27/03	03/18/03	02/04/04	02/27/04	10/21/04	12/29/04	02/23/05	01/03/06	02/28/06	02/23/07	03/20/02	11/10/02	12/23/02	03/18/03	02/26/04	
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Biological Parameters																				
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	48,000	--	--	--	--	--	--	--	--	--	--	5,000,000	--	76,000	--
Total Coliforms	MPN/100 mL	N/A	8	--	--	<1.1	--	--	--	--	--	--	--	--	--	13	<1.1	--	<1.1	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	<1.1	--	--	--	--	--	--	--	--	--	--	<1.1	--	<1.1	--
E. coli	MPN/100 mL	N/A	--	--	--	<1.1	--	--	--	--	--	--	--	--	--	--	<1.1	--	<1.1	--
E. coli + Fecal Coliform	MPN/100 mL	N/A	<2	--	--	--	--	--	--	--	--	--	<2	<2	--	<2	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	I-LS-03					
			10/21/04	12/28/04	02/18/05	01/03/06	02/28/06	02/23/07
General Monitoring Parameters								
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Bromide	mg/L	N/A	0.16	<0.1	<0.1	<0.1	<0.1	<0.1
Calcium	mg/L	Total	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Chloride	mg/L	N/A	94	20	<1	27	19	41
Chemical Oxygen Demand	mg/L	N/A	20	13	5.1	<5	<5	150
Fluoride	mg/L	N/A	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	1	0.48	0.41	<0.1	<0.1	0.26
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	<1	<0.5	<0.5	0.7	<1	<0.5
Carbon, Total Organic	mg/L	N/A	3	2.4	1.7	3.5	1.3	1.1
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--
Nitrogen, Organic	mg/L	N/A	<1	<0.5	<0.5	0.7	<1	<0.5
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2
pH	pH units	N/A	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--
Phosphorus	mg/L	Total	0.73	0.44	0.58	0.42	0.44	2.4
Potassium	mg/L	Total	--	--	--	--	--	--
Sodium	mg/L	Total	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--
Sulfate	mg/L	N/A	170	81	23	83	36	100
Total Dissolved Solids	mg/L	N/A	750	450	180	474	276	328
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	--
Metals³								
Aluminum	µg/L	Dissolved	<25	<25	<25	<25	<25	<25
Aluminum	µg/L	Total	<25	<25	<25	<25	440	<25
Antimony	µg/L	Dissolved	<1	<1	<1	<1	<1	<1
Antimony	µg/L	Total	<1	<1	<1	<1	<1	<1
Arsenic	µg/L	Dissolved	4.77	3.17	4.49	1.68	<0.5	1.63
Arsenic	µg/L	Total	5.39	3.15	4.25	1.08	<0.5	0.882
Barium	µg/L	Dissolved	140	57.4	13.8	87.7	56.6	84.5
Barium	µg/L	Total	141	57.3	13.8	99	61.4	88
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	80.4	140	<50	83.4	70.8	76
Boron	µg/L	Total	85.2	152	<50	83.7	79.3	78.9
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	<1	1.38	1.31	<1	<1	<1
Chromium	µg/L	Total	<1	1.36	1.4	<1	<1	<1
Chromium, Hexavalent	µg/L	Dissolved	0.55	0.57	1	0.32	0.35	0.38
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	<1	<1	<1	<1	<1	<1
Copper	µg/L	Dissolved	<1	1.32	<1	<1	1.2	<1

LYSIMETER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	I-LS-03					
			10/21/04	12/28/04	02/18/05	01/03/06	02/28/06	02/23/07
			Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<1	<1	<5	<5	<5
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds								
1-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dichlorophenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dimethylphenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dinitrophenol	µg/L	N/A	--	--	--	--	--	--
2,4-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--
2,6-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--
2-Chloronaphthalene	µg/L	N/A	--	--	--	--	--	--
2-Chlorophenol	µg/L	N/A	--	--	--	--	--	--
2-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--	--	--	--
2-Nitroaniline	µg/L	N/A	--	--	--	--	--	--
2-Nitrophenol	µg/L	N/A	--	--	--	--	--	--
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--	--	--	--
3-Nitroaniline	µg/L	N/A	--	--	--	--	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--	--	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--	--	--	--
4-Chloroaniline	µg/L	N/A	--	--	--	--	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--	--	--	--
4-Nitroaniline	µg/L	N/A	--	--	--	--	--	--
4-Nitrophenol	µg/L	N/A	--	--	--	--	--	--
Acenaphthene	µg/L	N/A	--	--	--	--	--	--
Acenaphthylene	µg/L	N/A	--	--	--	--	--	--
Aniline	µg/L	N/A	--	--	--	--	--	--
Anthracene	µg/L	N/A	--	--	--	--	--	--
Azobenzene	µg/L	N/A	--	--	--	--	--	--
Benzenidine	µg/L	N/A	--	--	--	--	--	--
Benzo (a) Anthracene	µg/L	N/A	--	--	--	--	--	--
Benzo (a) Pyrene	µg/L	N/A	--	--	--	--	--	--
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--	--	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--	--	--	--
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--	--	--	--
Benzoic acid	µg/L	N/A	--	--	--	--	--	--
Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Chrysene	µg/L	N/A	--	--	--	--	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--

LYSIMETER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	I-LS-03					
			10/21/04	12/28/04	02/18/05	01/03/06	02/28/06	02/23/07
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--
Fluoranthene	µg/L	N/A	--	--	--	--	--	--
Fluorene	µg/L	N/A	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--
Isophorone	µg/L	N/A	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--
Biological Parameters								
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--
E. coli + Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µml
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated as --.
3. In cases in which the filtered concentrations exceeded the total, the differences are indicated as --.

GROUNDWATER ANALYTICAL RESULTS – IMAX

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																
			I-MW-01																
			11/09/01	01/03/02	03/20/02	10/07/02	10/06/03	06/07/04	10/13/04	02/23/05	10/06/05	06/20/06	10/18/06	10/31/01	03/25/02	10/07/02	11/15/02	02/19/03	10/06/03
General Monitoring Parameters																			
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	530	536	261	490	510	510	520	570	520	530	500	312.7	316	340	340	340	370
Bicarbonate (as CaCO ₃)	mg/L	N/A	647	654	318	490	510	510	520	570	350	530	500	381	385	340	340	340	370
Bromide	mg/L	N/A	--	0.24	0.15	0.19	0.27	0.27	0.25	0.18	0.21	0.25	0.12	--	0.33	0.28	<0.1	0.25	0.26
Calcium	mg/L	Total	116	120	78	119	124	128	126	150	134	119	111	88.2	96	98.5	94.9	96.1	103
Carbonate (as CaCO ₃)	mg/L	N/A	<2	0.848	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<2	0.397	<1	<1	<1	<1
Chloride	mg/L	N/A	25.73	23	60	27	26	25	22	30	24	19	17	46.58	50	46	39	36	48
Chemical Oxygen Demand	mg/L	N/A	<10	<5	7	5.1	<10	<5	<5	7.6	44	<5	<5	131.6	<5	5.1	<5	15	<10
Fluoride	mg/L	N/A	0.56	0.59	0.38	0.61	0.73	0.5	0.58	0.57	0.29	0.52	0.64	0.55	0.67	0.65	0.68	0.79	0.68
Hardness (as CaCO ₃)	mg/L	Total	550	517	330	490	540	530	510	620	550	480	470	410	416	380	420	390	430
Hydroxide (as CaCO ₃)	mg/L	N/A	<2	0.003	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<2	0.003	<0.2	<1	<1	<1
Magnesium	mg/L	Total	63.2	53	33	54.9	56	59.8	54.6	67.1	57.2	54.3	48.6	46.2	43	46.8	43	43.7	45.8
MBAS (Surfactants)	mg/L	N/A	--	<0.05	0.054	<0.1	0.19	<0.1	<0.1	<0.1	<0.1	<0.1	0.13	<0.05	0.079	<0.1	<0.1	<0.1	0.11
Nitrate (as N)	mg/L	N/A	11.34	14	3.2	10	14	15	11	16	11	6	4.3	24.365	20	20	15	11	19
Nitrite (as N)	mg/L	N/A	<0.03	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.03	<0.5	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	--	0.7	1	--	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.2	--	--	--	<0.1
Carbon, Total Organic	mg/L	N/A	1.8	0.6	2.9	2	2.7	2.7	8.1	2.5	2.4	2.2	2.1	1.68	0.9	1.7	1.6	1.5	1.8
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	3	2.5	4.3	3.8	8.1	3.2	2.6	2.5	--	--	2.4	2.7	2.6	2.1
Nitrogen, Organic	mg/L	N/A	<0.1	0.7	0.663	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.2	<0.5	<0.5	<0.5	<0.5
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.05	0.337	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1
pH	pH units	N/A	7.48	7.3	7.8	6.99	8.91	6.93	6.58	6.73	6.62	6.47	6.72	8.02	7.2	7.02	7.03	7.3	6.95
Phosphorus	mg/L	Dissolved	--	--	--	0.18	0.17	0.18	0.042	0.18	0.13	0.33	0.19	--	--	0.29	0.29	0.29	0.29
Phosphorus	mg/L	Total	--	--	--	0.26	0.21	0.19	0.65	0.59	0.51	0.7	0.23	--	--	0.31	0.34	0.29	0.3
Potassium	mg/L	Total	4.02	1.5	4	1.14	0.87	0.958	0.821	0.783	0.87	0.948	0.608	3.1	1.3	1.06	0.95	1.06	0.98
Sodium	mg/L	Total	94.8	79	78	75.6	92.8	81.5	79.7	88.0	86.7	74.2	76.6	116	120	118	115	120	130
Specific Conductance	µmhos/cm	N/A	1,070	1,120	917	1,100	1,100	1,200	1,300	1,400	1200	990	1100	1,340	1,110	1,200	1,100	1,200	1,100
Sulfate	mg/L	N/A	85.68	81	150	85	97	95	88	110	90	76	63	157.72	150	170	130	130	150
Total Dissolved Solids	mg/L	N/A	718	750	630	770	760	760	750	840	740	695	650	882	760	750	760	690	770
Total Suspended Solids	mg/L	N/A	130	30	93	7.1	56	100	13	11	76	12	19	1667	10	1.9	540	2.8	1.9
Turbidity	NTU	N/A	85.8	23	258	9.7	56	28	6.1	16	42	19	7	454	21	0.97	640	1.5	2.2
Metals³																			
Aluminum	µg/L	Dissolved	--	<0.025	--	<50	<50	<50	<25	<25	<25	<25	<25	--	--	<50	<50	<50	<50
Aluminum	µg/L	Total	--	8.8	--	189	3,680	1,140	296	287	1230	308	501	--	--	<50	<50	<50	138
Antimony	µg/L	Dissolved	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1
Antimony	µg/L	Total	--	<1	--	1.33	<1	<1	1.17	<1	<1	<1	<1	--	--	<1	1.26	<1	<1
Arsenic	µg/L	Dissolved	--	1.2	1.4	1.35	1.09	<0.5	0.758	<0.5	1.03	1.17	1.04	<5	2	<1	1.14	<1	1.19
Arsenic	µg/L	Total	<5	3.5	4.3	1.46	1.86	1.31	0.649	0.753	1.8	1.23	1.07	5.15	<2	1.06	1.29	<1	0.933
Barium	µg/L	Dissolved	--	37	--	46.9	58.6	67	60.6	79.3	81	62.3	62.3	--	--	54	52.4	55.7	55.4
Barium	µg/L	Total	--	47	--	55.5	92.8	82.9	69.9	87.4	98.1	63.8	69	--	--	57.8	57.2	53.6	57.9
Beryllium	µg/L	Dissolved	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<5	<1
Beryllium	µg/L	Total	--	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<5	<1
Boron	µg/L	Dissolved	--	190	--	210	209	200	169	168	213	202	190	202	--	142	147	178	196
Boron	µg/L	Total	<100	200	150	210	225	206	170	176	227	235	190	282	200	160	163	172	191
Cadmium	µg/L	Dissolved	--	--	--	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	<0.5	<0.5	<0.5	<0.2
Cadmium	µg/L	Total	<1	<0.5	<0.5	0.751	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.5	<0.5	<0.5	<0.5	<0.2
Chromium	µg/L	Dissolved	24	16	11	7.88	3.2	23.5	22.4	21.9	12.5	14.3	12	23.5	3	2.09	4.68	4.17	3.45
Chromium	µg/L	Total	27.4	32	24	23.8	33.3	28.5	23.3	24.3	22	14.9	21.9	29.4	8.1	5.07	6.7	4.77	6.83
Chromium, Hexavalent	µg/L	Dissolved	17	19.8	11.9	5.6	<0.2	21	11.9	24	24	16	14	<10	2	1	4.2	3.6	0.77
Cobalt	µg/L	Dissolved	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1
Cobalt	µg/L	Total	--	--	--	<1	2.36	1.25	<1	<1	1.09	<1	<1	--	--	<1	<1	<1	<1
Copper	µg/L	Dissolved	5.22	<2	2	4.45	<1	<1	<1	<1	<1	<1	<1	38.5	<2	1.73	3.88	1.6	<1
Copper	µg/L	Total	20.8	5.1	11	3.79	6.77	3.38	<1	1.99	2.86	<1	1.16	47.3	2.7	1.69	5.27	1.49	1.32

GROUNDWATER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																			
			I-MW-01														10/31/01	03/25/02	10/07/02	11/15/02	02/19/03	10/06/03
			11/09/01	01/03/02	03/20/02	10/07/02	10/06/03	06/07/04	10/13/04	02/23/05	10/06/05	06/20/06	10/18/06	10/31/01	03/25/02	10/07/02	11/15/02	02/19/03	10/06/03			
Iron	µg/L	Dissolved	--	<0.1	--	--		<100	<100	<100	<100	<100	<100	<100	--	--	--	--	--			
Iron	µg/L	Total	--	1	--	--	<100	2,520	445	539	1850	375	791	--	--	--	--	--	<100			
Lead	µg/L	Dissolved	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	<0.5	<0.5	<0.5	<0.5			
Lead	µg/L	Total	<5	1.5	3	<0.5	1.76	1.14	<0.5	<0.5	1.25	<0.5	<0.5	11.2	<0.5	<0.5	0.98	<0.5	<0.5			
Manganese	µg/L	Dissolved	--	70	--	9.94	22.4	21.5	4.31	1.09	10.9	10.2	34.7	--	--	5.34	3.19	3.22	5.9			
Manganese	µg/L	Total	--	73	--	16.5	87.1	57.5	8.21	9.89	38.8	15.8	49.3	--	--	5.41	5.03	3.55	11.6			
Mercury	µg/L	Dissolved	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	<0.1	--	<0.1	<0.1			
Mercury	µg/L	Total	<1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.2	<0.1	<0.1	<0.1	<0.1			
Molybdenum	µg/L	Dissolved	--	--	--	11.6	13.3	12.9	11.8	13.2	12.8	13.1	14.4	--	--	12.5	10.7	12.3	13.2			
Molybdenum	µg/L	Total	--	--	--	13.2	14.3	13.6	13.2	14	12	12.9	14.8	--	--	13.3	13.1	12	13.4			
Nickel	µg/L	Dissolved	<5	<5	<5	1.49	6.2	3.5	3.9	3.8	4.9	3	3.4	10.6	--	1.61	2.32	2.64	4.9			
Nickel	µg/L	Total	9.49	9.6	12	2.15	12	6.4	4.6	4.6	8.5	3.2	7.2	23.9	<5	1.72	2.69	2.58	5.4			
Selenium	µg/L	Dissolved	--	--	--	<5	5.87	3.87	2.75	3.54	2.32	1.39	1.62	--	--	<5	<5	<5	2.71			
Selenium	µg/L	Total	--	<10	--	<5	7.46	3.19	2.56	3.95	2.05	1.25	1.68	--	--	<5	<5	<5	4			
Silver	µg/L	Dissolved	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1			
Silver	µg/L	Total	--	<0.5	--	<1	<1	<1	4.03	<1	<1	<1	<1	--	--	<1	<1	<1	<1			
Strontium	µg/L	Dissolved	--	--	--	555	728	711	623	813	677	625	622	--	--	447	426	417	554			
Strontium	µg/L	Total	--	--	--	633	779	727	652	845	716	612	644	--	--	503	492	403	554			
Thallium	µg/L	Dissolved	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1			
Thallium	µg/L	Total	--	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1			
Tin	µg/L	Dissolved	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1			
Tin	µg/L	Total	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	--	--	<1	<1	<1	<1			
Titanium	µg/L	Dissolved	--	--	--	<1	1.65	3.4	2.25	3.25	3.29	3.1	2.25	--	--	<1	<1	1.3	1.88			
Titanium	µg/L	Total	--	--	--	9.51	181	84.4	16.3	22.8	64	16.2	28.3	--	--	1.38	2.42	2.29	7.54			
Vanadium	µg/L	Dissolved	--	--	--	2.4	3.23	1.64	1.4	1.31	3.54	2.78	4.27	--	--	2.69	2.9	3.04	3.94			
Vanadium	µg/L	Total	--	--	--	3.54	17	7.58	1.95	2.47	7.85	3.45	5.87	--	--	3.26	3.51	2.89	3.35			
Zinc	µg/L	Dissolved	--	27	38	75.3	26.7	<5	<5	<5	11.3	15.8	400	16	33.3	27.9	12.5	19.5				
Zinc	µg/L	Total	<50	20	73	80.1	45.9	11.2	5.83	18.6	11.3	8.55	24.3	400	15	38.1	26.4	12.9	18.2			
Other Constituents																						
Oil and Grease	mg/L	N/A	<1	<3	<3	<1	<1	<1	1	<1	--	<1	<1	<1	<3	<1	<1	1.7	<1			
Perchlorate	µg/L	N/A	<4	4.4	<4	4.1	3.4	6.9	<2	8.2	5.6	2.2	2.4	9.9	8.2	15	<2	--	11			
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	<3,000	<2	3.7	<2	<10	<10	--	--	--	--	--	<3,000	24	<2	<2	<10	<10			
Glyphosate	µg/L	N/A	--	--	--	<6	--	--	--	--	--	--	--	--	--	<6	--	<6	--			
1,4-Dioxane	µg/L	N/A	--	--	--	11	--	--	--	--	--	--	--	--	--	33	72	61	--			
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5	<2	--	<2	<0.01	<0.01	<0.01	<0.02	<0.02	<0.5			
Volatile Organic Compounds																						
Methyl Bromide	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5			
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	--	--	--	<1	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	--	--	1.3	1.1	0.73	1.1			
Benzene	µg/L	N/A	--	--	--	2.4	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	1.1	<0.5	2.6	1.1			
Toluene	µg/L	N/A	<0.5	2.4	<0.5	7.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	16	0.55			
Ethylbenzene	µg/L	N/A	--	--	--	1.4	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	1.2	<0.5	9.3	1.3			
o-Xylene	µg/L	N/A	--	--	--	10	5.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	6.9	<0.5	19	3.3			
p/m-Xylene	µg/L	N/A	--	--	--	7.6	6.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	6.5	<0.5	33	4.1			
Trichloroethylene (TCE)	µg/L	N/A	2.2	3.9	<0.5	6.5	3.4	5.4	4.3	16	10	10	6.4	<0.5	47	39	44	42	39			
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5	<0.5	54	0.73	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	38	<0.5	3.2	<0.5			
1,1,1,2-Tetrachloroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			
1,1,1-Trichloroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			
1,1,2,2-Tetrachloroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			
1,1,2-Trichloroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			
1,1-Dichloroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
1,1-Dichloropropene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			
1,2,3-Trichlorobenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5			

GROUNDWATER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																	
			I-MW-01																	
			11/09/01	01/03/02	03/20/02	10/07/02	10/06/03	06/07/04	10/13/04	02/23/05	10/06/05	06/20/06	10/18/06	10/31/01	03/25/02	10/07/02	11/15/02	02/19/03	10/06/03	
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	--	--	--	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<10	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	--	--	--	1.4	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	1.3	<0.5	6.9	1.3
1,2-Dibromoethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	--	--	--	1.3	0.81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	1.1	<0.5	3	0.56
1,3-Dichlorobenzene	µg/L	N/A	--	--	--	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<10	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<10	<0.5	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	--	--	--	<1	<2	<1	<1	<1	<1	<2	<2	<2	--	--	<1	<1	<1	<2
2-Chlorotoluene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	--	--	--	<0.5	<5	<0.5	<0.5	<5	<5	<5	<5	<5	--	--	<0.5	<0.5	<0.5	<5
4-Chlorotoluene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	--	--	--	<2	<5	<2	<2	<2	<5	<5	<5	<5	--	--	<2	<2	<2	<5
Acetone	µg/L	N/A	--	--	--	<2	<10	<2	<2	2.7	<10	<10	<10	<10	--	--	<2	2.5	<2	<10
Acrylonitrile	µg/L	N/A	--	--	--	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	--	<2	<2	<2	<2
Allyl Chloride	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	1	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	0.6	<0.5	6.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	0.56	0.59	<0.5
cis-1,2-Dichloroethene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	1.5	<0.5	4.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	6.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	--	--	--	--	--	<2	<2	<2	<2	<2	<2	<2	--	--	--	--	--	--
Ethanol	µg/L	N/A	--	--	--	--	--	<100	<100	<100	<50	<50	<50	<50	--	--	--	--	--	--
Ethyl Methacrylate	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	--	--	--	--	--	<2	<2	<2	<2	<2	<2	<2	--	--	--	--	--	--
Hexachloro-1,3-Butadiene	µg/L	N/A	--	--	--	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<10	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	--	--	--	<0.5	<5	<0.5	<0.5	<0.5	<5	<5	<5	<5	--	--	<0.5	<0.5	<0.5	<5
Methylene Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<2	<2	<2	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<2
Naphthalene	µg/L	N/A	--	--	--	<10	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<10	<0.5	<10	1.6
n-Butylbenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	0.75	<0.5
p-Isopropyltoluene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Styrene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	--	--	--	--	--	<2	<2	<2	<2	<2	<2	<2	--	--	--	--	--	--
Tert-Butyl Alcohol (TBA)	µg/L	N/A	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--

GROUNDWATER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																	
			I-MW-01																	
			11/09/01	01/03/02	03/20/02	10/07/02	10/06/03	06/07/04	10/13/04	02/23/05	10/06/05	06/20/06	10/18/06	10/31/01	03/25/02	10/07/02	11/15/02	02/19/03	10/06/03	
tert-Butylbenzene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	--	--	--	<1	<5	<1	<1	<1	<5	<5	<5	--	--	<1	<1	<1	<1	<5
trans-1,3-Dichloropropene	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds																				
1-Methylnaphthalene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2,4-Dichlorophenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2,4-Dimethylphenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2,4-Dinitrophenol	µg/L	N/A	--	--	--	<50	<50	<50	--	--	--	--	--	--	--	--	<50	<50	<50	<50
2,4-Dinitrotoluene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2,6-Dinitrotoluene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2-Chloronaphthalene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2-Chlorophenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2-Methylnaphthalene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2-Nitroaniline	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
2-Nitrophenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--	<25	<25	<25	--	--	--	--	--	--	--	--	<25	<25	<25	<25
3-Nitroaniline	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--	<50	<50	<50	--	--	--	--	--	--	--	--	<50	<50	<50	<50
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
4-Chloroaniline	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
4-Nitroaniline	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
4-Nitrophenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Acenaphthene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Acenaphthylene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Aniline	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Anthracene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Azobenzene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Benzidine	µg/L	N/A	--	--	--	<50	<50	<50	--	--	--	--	--	--	--	--	<50	<50	<50	<50
Benzo (a) Anthracene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Benzo (a) Pyrene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Benzoic acid	µg/L	N/A	--	--	--	<50	<50	<50	--	--	--	--	--	--	--	--	<50	<50	<50	<50
Benzyl alcohol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	<25	<25	<25	--	--	--	--	--	--	--	--	<25	<25	<25	<25
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	<3	<4	--	<10	13	<10	--	--	--	--	--	202.3	--	--	<10	<10	<10	10
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Chrysene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Dibenzofuran	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Diethyl Phthalate	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Dimethyl Phthalate	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	--	<10	<10	<10	<10

GROUNDWATER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																	
			I-MW-01																	
			11/09/01	01/03/02	03/20/02	10/07/02	10/06/03	06/07/04	10/13/04	02/23/05	10/06/05	06/20/06	10/18/06	10/31/01	03/25/02	10/07/02	11/15/02	02/19/03	10/06/03	
Fluoranthene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Fluorene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Hexachlorobenzene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	<25	<25	<25	--	--	--	--	--	--	--	<25	<25	<25	<25	
Hexachloroethane	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Isophorone	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Nitrobenzene	µg/L	N/A	--	--	--	<25	<25	<25	--	--	--	--	--	--	--	<25	<25	<25	<25	
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Pentachlorophenol	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Phenanthrene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Phenol	µg/L	N/A	--	<5	<5	<10	<10	<10	--	--	--	--	--	--	18	<10	<10	<10	<10	
Pyrene	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Pyridine	µg/L	N/A	--	--	--	<10	<10	<10	--	--	--	--	--	--	--	<10	<10	<10	<10	
Biological Parameters																				
Heterotrophic Plate Count	CFU/mL	N/A	>5,700	540	>5,700	36,000	--	--	--	--	--	--	--	--	>5,700	--	33,000	72,000	2,200	--
Total Coliforms	MPN/100 mL	N/A	800	<2	<2	<1.1	--	--	--	--	--	--	--	11	110	<1	<1.1	<1.1	<1.1	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	<1.1	--	--	--	--	--	--	--	--	--	<1.1	<1.1	<1.1	<1.1	--
E. coli	MPN/100 mL	N/A	--	--	--	<1.1	--	--	--	--	--	--	--	--	--	<1	<1.1	<1.1	<1.1	--
E. coli + Fecal Coliform	MPN/100 mL	N/A	<2	<2	<2	--	--	--	--	--	--	--	--	<2	<2	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
 3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

GROUNDWATER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	I-MW-02													
			02/06/04	03/01/04	06/07/04	10/13/04	10/22/04	12/30/04	02/23/05	10/06/05	01/05/06	03/06/06	06/20/06	10/18/06	02/26/07	06/14/07
General Monitoring Parameters																
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	360	370	370	370	340	340	320	340	360	540	340	380	388	398
Bicarbonate (as CaCO ₃)	mg/L	N/A	360	370	370	370	340	340	320	340	360	540	340	380	388	398
Bromide	mg/L	N/A	0.29	0.12	0.27	0.33	0.29	0.18	<0.1	0.27	0.24	0.21	0.23	0.32	0.42	0.34
Calcium	mg/L	Total	104	88.8	93.8	101	94.2	90.2	63.3	84.2	91.1	131.0	77.7	108.0	106.0	113.0
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	45	32	43	45	40	38	29	34	41	27	36	44	40	49
Chemical Oxygen Demand	mg/L	N/A	<5	15	13	28	<5	23	7.6	13	15	<5	<5	<5	<5	<5
Fluoride	mg/L	N/A	0.65	0.6	0.56	0.6	0.64	0.66	0.62	0.28	0.62	0.79	0.57	0.64	0.75	0.73
Hardness (as CaCO ₃)	mg/L	Total	420	380	410	460	400	390	290	350	380	510	330	470	510	510
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	46.2	41	45.4	46.1	43.8	42.3	28.8	38.3	42.4	55.8	37.2	49.3	48.0	50.8
MBAS (Surfactants)	mg/L	N/A	0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.27	<0.1	<0.1
Nitrate (as N)	mg/L	N/A	16	9.6	16	22	19	15	7.2	12	16	9.3	11	22	20	25
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	0.42	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	0.56
Carbon, Total Organic	mg/L	N/A	10	1.8	2.2	3	1.7	2.1	1.6	1.8	1.4	2.2	1.7	1.8	3.3	2.3
Carbon, Dissolved Organic	mg/L	N/A	8.6	2.6	3.2	2.5	1.3	2.4	3.1	2.4	2.3	3.2	1.8	2.6	4.8	1.2
Nitrogen, Organic	mg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	<0.5
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.14
pH	pH units	N/A	6.97	6.83	6.94	6.6	6.88	6.69	6.86	6.64	6.74	6.47	6.68	6.7	6.63	6.66
Phosphorus	mg/L	Dissolved	0.29	0.3	0.28	0.32	0.56	0.3	0.26	0.38	0.36	0.3	0.4	0.25	0.37	0.29
Phosphorus	mg/L	Total	0.33	0.31	0.35	0.49	0.69	0.31	0.7	0.55	0.58	0.8	0.92	0.28	1.1	0.49
Potassium	mg/L	Total	1.14	0.963	0.945	1.03	1.13	1.11	0.667	0.892	0.897	0.847	0.927	0.841	0.994	1.13
Sodium	mg/L	Total	114	109	111	112	102	109	88	104	108	81	92	115	117	120.0
Specific Conductance	µmhos/cm	N/A	1,200	1,000	1,200	1,300	1,200	1100	880	1000	1000	1100	910	1200	1100	1300
Sulfate	mg/L	N/A	150	110	140	160	140	140	99	110	140	92	96	150	150	170
Total Dissolved Solids	mg/L	N/A	690	670	730	790	770	710	500	630	677	903	613	780	750	873
Total Suspended Solids	mg/L	N/A	14	41	6	1.4	<1	1	1.8	<1	<1	15	1	2.7	1.2	1.4
Turbidity	NTU	N/A	10	1.9	1.8	0.5	1.8	1.8	1.6	0.72	1.7	12	1.5	0.67	2.7	0.61
Metals³																
Aluminum	µg/L	Dissolved	<50	<50	<50	<25	<25	<25	<25	<25	<0.025	<25	<25	<25	<25	<25
Aluminum	µg/L	Total	122	495	<50	<25	<25	<25	<25	<25	<0.025	187	<25	<25	81.5	<25
Antimony	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Antimony	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Arsenic	µg/L	Dissolved	<0.5	1.67	<0.5	0.961	0.828	1.33	0.601	0.899	1.69	0.7	1.15	1.03	1.21	0.587
Arsenic	µg/L	Total	<0.5	1.96	<0.5	1.41	0.971	1.53	0.631	1.04	2.17	1.21	1.14	1.1	1.04	0.826
Barium	µg/L	Dissolved	62.5	55.4	61.8	59.5	69.1	53.2	40.8	60	49.7	74.4	45.4	73.7	66.5	72.9
Barium	µg/L	Total	65.9	59.8	62.6	63.8	73.2	54.3	45.5	62	54.8	77.6	49	72.8	71.1	78
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	168	160	170	155	170	201	158	191	170	192	149	164	181	237
Boron	µg/L	Total	172	164	177	186	170	247	154	195	191	206	166	156	187	224
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	5.1	6.4	5.14	4.16	4.25	5.33	4.58	3.58	<1	14.1	2.97	2.02	2.96	4.03
Chromium	µg/L	Total	6.73	7.47	4.9	4.35	4.34	5.57	5.21	3.94	<1	16.2	3.43	1.93	4.74	4.99
Chromium, Hexavalent	µg/L	Dissolved	3	4.6	4.4	4	3.9	4.1	3.9	3.6	3.8	18	3.2	3.6	3.5	3.6
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Copper	µg/L	Dissolved	<1	<1	<1	<1	<1	1.02	<1	<1	<1	<1	<1	<1	<1	<1
Copper	µg/L	Total	<1	2.83	<1	1.78	<1	<1	<1	1.02	<1	35	<1	<1	<1	<1

GROUNDWATER ANALYTICAL RESULTS – IMAX

Constituent	Units ¹	Fraction	I-MW-02													
			02/06/04	03/01/04	06/07/04	10/13/04	10/22/04	12/30/04	02/23/05	10/06/05	01/05/06	03/06/06	06/20/06	10/18/06	02/26/07	06/14/07
Fluoranthene	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Fluorene	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	<25	<25	<25	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Isophorone	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	<25	<25	<25	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	<10	<10	<10	--	--	--	--	--	--	--	--	--	--	--
Biological Parameters																
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E. coli + Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µml
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated as <10 or <25.
3. In cases in which the filtered concentrations exceeded the total, the differences are indicated as --.

STORM WATER ANALYTICAL RESULTS – METAL RECYCLER

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			M-SW-01					M-SW-01A			M-SW-02				
			02/02/04	02/18/04	10/26/04	12/28/04	02/11/05	10/26/04	12/28/04	02/11/05	02/02/04	02/18/04	10/26/04	12/27/04	02/11/05
General Monitoring Parameters															
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	73	230	60	76	210	--	76	--	10	99	56	76	530
Bicarbonate (as CaCO ₃)	mg/L	N/A	73	110	40	76	<1	--	76	--	10	99	56	76	<1
Bromide	mg/L	N/A	0.2	0.23	0.24	0.3	0.66	--	0.3	--	0.22	0.45	0.51	0.35	1.7
Calcium	mg/L	Total	72	85.5	235	112	229	--	112	--	88.7	174	175	129	190
Carbonate (as CaCO ₃)	mg/L	N/A	<1	120	20	<1	100	--	<1	--	<1	<1	<1	<1	100
Chloride	mg/L	N/A	50	35	46	66	100	--	66	--	50	70	55	72	65
Chemical Oxygen Demand	mg/L	N/A	570	650	570	1,700	3,400	--	1,700	--	420	780	470	1,500	2,100
Fluoride	mg/L	N/A	0.47	0.5	0.17	0.37	0.27	--	0.37	--	0.44	0.54	0.28	0.37	0.38
Hardness (as CaCO ₃)	mg/L	Total	200	330	620	310	540	--	310	--	320	520	500	380	640
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	110	--	<1	--	<1	<1	<1	<1	430
Magnesium	mg/L	Total	4.37	7	6.09	3.2	0.938	--	3.2	--	5.26	17	6.45	4.93	0.268
MBAS (Surfactants)	mg/L	N/A	1.3	1.3	0.48	1.2	1.7	--	1.2	--	1.4	1.7	0.86	1.4	1.5
Nitrate (as N)	mg/L	N/A	2.7	2.7	1.6	4.1	4.2	--	4.1	--	3.6	3.7	3.2	4.2	3.4
Nitrite (as N)	mg/L	N/A	0.12	2.3	0.24	0.22	<0.1	--	0.22	--	0.17	2.8	0.32	0.24	0.22
Total Kjeldahl Nitrogen	mg/L	Total	7.3	6.4	6.6	8	11	--	8	--	9.1	8.3	9.5	9.5	9.4
Carbon, Total Organic	mg/L	N/A	120	110	140	470	140	--	470	--	110	200	120	390	470
Carbon, Dissolved Organic	mg/L	N/A	110	96	130	550	130	--	550	--	97	180	99	410	440
Nitrogen, Organic	mg/L	N/A	6.5	5.1	5.4	6.7	9.1	--	6.7	--	8.2	7.2	7	7.8	7.6
Ammonia-Nitrogen	mg/L	Total	0.84	1.3	1.2	1.3	1.9	--	1.3	--	0.91	1.1	2.5	1.7	1.8
pH	pH units	N/A	8.01	8.8	8.93	8.87	11.15	--	8.87	--	5.63	7.14	7.68	8.99	11.6
Phosphorus	mg/L	Dissolved	0.15	0.13	0.55	0.63	0.25	--	0.63	--	0.056	0.23	0.53	0.62	0.3
Phosphorus	mg/L	Total	0.46	0.4	0.8	0.67	1.8	--	0.67	--	0.22	0.28	0.72	0.65	1.9
Potassium	mg/L	Total	25.9	25.3	19.9	25.2	24.2	--	25.2	--	22.8	33.6	21.3	27	19.5
Sodium	mg/L	Total	72.2	88.1	52.3	73.2	165	--	73.2	--	60.2	137	65.2	78.1	301
Specific Conductance	µmhos/cm	N/A	760	930	1,300	1,000	2,000	--	1,000	--	950	1,500	1,100	1,100	3,200
Sulfate	mg/L	N/A	200	310	520	240	500	--	240	--	360	570	430	290	430
Total Dissolved Solids	mg/L	N/A	520	700	1,100	720	1,400	--	720	--	670	1,200	920	890	1,400
Total Suspended Solids	mg/L	N/A	61	440	320	210	1,200	--	210	--	170	240	100	120	1,200
Turbidity	NTU	N/A	77	430	110	200	440	--	200	--	190	390	85	150	450
Metals³															
Aluminum	µg/L	Dissolved	<50	<50	76.5	116	248	--	116	--	<50	<50	<25	113	379
Aluminum	µg/L	Total	434	8,360	2,380	1,830	5,930	--	1,830	--	868	3,410	956	1,520	5,620
Antimony	µg/L	Dissolved	12.8	16.7	12.2	14.7	29.2	--	14.7	--	7.26	16.4	17.2	15.3	20.9
Antimony	µg/L	Total	16	42.2	26.2	19.1	42.5	--	19.1	--	18.5	34.4	24.9	17.7	39
Arsenic	µg/L	Dissolved	<0.5	1.22	2.96	1.77	2.03	--	1.77	--	<0.5	<0.5	2.66	1.52	2.94
Arsenic	µg/L	Total	1.72	11.9	6.9	4.41	9.35	--	4.41	--	5.4	6.18	5.5	4.16	10.3
Barium	µg/L	Dissolved	23	57.1	29.1	24.6	41.4	--	24.6	--	40.1	79.3	54.1	28.6	37.6
Barium	µg/L	Total	46.2	324	122	125	353	--	125	--	78.6	199	83.3	109	391
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	--	<1	--	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<5	<1	<1	--	<1	--	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	1,630	986	465	913	807	--	913	--	1,640	911	861	965	687
Boron	µg/L	Total	1,660	1,070	590	877	888	--	877	--	1,760	884	786	922	778
Cadmium	µg/L	Dissolved	2.48	0.737	3.26	3.36	0.627	--	3.36	--	14.1	5.17	11.8	3.39	0.285

STORM WATER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			M-SW-01					M-SW-01A			M-SW-02				
			02/02/04	02/18/04	10/26/04	12/28/04	02/11/05	10/26/04	12/28/04	02/11/05	02/02/04	02/18/04	10/26/04	12/27/04	02/11/05
Cadmium	µg/L	Total	9.1	17.5	15.1	10	24.1	--	10	--	19.1	12.5	24.1	11	46.4
Chromium	µg/L	Dissolved	16.7	12.7	8.95	15.6	75.5	--	15.6	--	3.53	2.99	4.19	14.3	48.3
Chromium	µg/L	Total	56.9	76.1	22.7	28.2	144	--	28.2	--	59.8	36.7	21.5	25.2	111
Chromium, Hexavalent	µg/L	Dissolved	12	11	6.3	11	74	--	11	--	0.32	<0.2	0.72	8.9	52
Cobalt	µg/L	Dissolved	2.68	1.33	2.7	12.6	4.8	--	12.6	--	11.2	8.29	6.64	11.9	2.87
Cobalt	µg/L	Total	4.23	11.7	5.97	18.2	14.7	--	18.2	--	14.4	11.6	8.7	16.1	11.5
Copper	µg/L	Dissolved	116	87.2	59.7	158	97.3	--	158	--	58.4	47	58.3	153	87.4
Copper	µg/L	Total	192	792	148	238	293	--	238	--	223	330	124	219	303
Iron	µg/L	Dissolved	357	351	261	626	190	--	626	--	27,400	142	263	646	238
Iron	µg/L	Total	6,560	34,500	4,960	8,960	18,000	--	8,960	--	70,900	31,500	6,410	7,620	20,900
Lead	µg/L	Dissolved	11.8	27.9	47.1	25.5	120	--	25.5	--	6.16	3.69	16.6	26.7	185
Lead	µg/L	Total	292	3,020	834	511	1,430	--	511	--	486	1,560	526	460	1,500
Manganese	µg/L	Dissolved	140	54.8	72.7	32.3	20.3	--	32.3	--	1,010	711	285	76	17.3
Manganese	µg/L	Total	189	593	172	151	296	--	151	--	1,180	827	325	179	289
Mercury	µg/L	Dissolved	0.219	0.235	0.175	<0.1	<0.1	--	<0.1	--	0.18	0.279	0.237	<0.1	<0.1
Mercury	µg/L	Total	1.48	8.19	1.97	0.994	6.81	--	0.994	--	3.48	3.92	1.79	1	3.9
Molybdenum	µg/L	Dissolved	53.7	101	50.6	58.2	84.3	--	58.2	--	3.16	116	432	55.8	73.7
Molybdenum	µg/L	Total	56.6	110	52.3	57.3	78.5	--	57.3	--	41.6	130	398	54.9	70.2
Nickel	µg/L	Dissolved	420	47	38	47	32	--	47	--	230	68	51	54	21
Nickel	µg/L	Total	500	120	61	65	94	--	65	--	270	90	63	66	85
Selenium	µg/L	Dissolved	<1	10.8	5.14	5.77	7.36	--	5.77	--	2.76	15.7	6.87	6.18	7.02
Selenium	µg/L	Total	<1	13.7	6.52	5.15	7.12	--	5.15	--	6.95	14.2	6.33	5.39	7.31
Silver	µg/L	Dissolved	<1	<1	<1	<1	<1	--	<1	--	<1	<1	<1	<1	<1
Silver	µg/L	Total	<1	1.66	<5	2.87	5.43	--	2.87	--	<1	1.2	2.28	1.08	6.14
Strontium	µg/L	Dissolved	307	284	528	587	1,240	--	587	--	383	556	531	627	879
Strontium	µg/L	Total	327	484	589	613	1,430	--	613	--	419	556	507	644	1,050
Thallium	µg/L	Dissolved	<1	<1	<1	<1	<1	--	<1	--	<1	<1	<1	<1	<1
Thallium	µg/L	Total	<1	<1	<5	<1	<1	--	<1	--	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	<1	<1	1.42	1.54	3.54	--	1.54	--	<1	<1	<1	1.29	2.29
Tin	µg/L	Total	4.44	30	16.2	13.5	20.5	--	13.5	--	4.9	23.5	8.09	10.5	21
Titanium	µg/L	Dissolved	2.5	3.44	4.4	7.69	6.17	--	7.69	--	2.13	4.06	1.76	8.05	3.7
Titanium	µg/L	Total	32.7	492	135	108	345	--	108	--	57.3	223	52.8	92.7	352
Vanadium	µg/L	Dissolved	<1	1.86	2.5	2.62	7.67	--	2.62	--	<1	<1	<1	3.03	7.52
Vanadium	µg/L	Total	4.42	35.6	8.75	8.79	28.3	--	8.79	--	4.65	16.8	3.94	7.83	26.7
Zinc	µg/L	Dissolved	244	33	230	69.3	16.9	--	69.3	--	1,550	696	991	145	26.6
Zinc	µg/L	Total	1,090	2,110	2,110	957	3,220	--	957	--	2,790	1,410	2,240	1,170	2,690

STORM WATER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			M-SW-01					M-SW-01A			M-SW-02				
			02/02/04	02/18/04	10/26/04	12/28/04	02/11/05	10/26/04	12/28/04	02/11/05	02/02/04	02/18/04	10/26/04	12/27/04	02/11/05
Bromobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Bromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Bromoform	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Carbon disulfide	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Chlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Chloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Chloroform	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Dibromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Dibromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5	0.55	4.1	<0.5	<10	9.1	10	<0.5	<0.5	<0.5	2.2	3.8
Diethyl Ether	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	<2	<2	<2	<40	<2	<2	<2	<2	<2	<2	<2
Ethanol	µg/L	N/A	160	190	200	780	1,200	4,100	640	350	170	22,000	120	590	2,500
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<2	<2	<2	<2	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2	<2	<2	<40	<2	<2	<0.5	<10	<0.5	<0.5	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	3.9	<0.5	<10	3.1	<0.5	<0.5	<0.5	<0.5	2.3	<0.5
Methylene Chloride	µg/L	N/A	<0.5	<0.5	0.52	<0.5	<0.5	15	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	0.55
Naphthalene	µg/L	N/A	0.76	0.79	1.7	0.66	<0.5	<10	1.1	1.3	0.79	1.2	1.9	0.51	8.6
n-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Styrene	µg/L	N/A	<0.5	<0.5	<0.5	1.3	<0.5	<10	7.2	<0.5	<0.5	<0.5	<0.5	0.95	1.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2	<2	<2	<40	<2	<2	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10	<10	15	<200	<10	<10	<10	<10	<10	<10	22
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<1	<1	<1	<1	<20	<1	<1	<1	3.6	1.9	<1	11
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	1.6	<0.5	3.4	2	4.2	13	4.7	11	<0.5	<0.5	1.9	1.3	28
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds															
1-Methylnaphthalene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2,4,5-Trichlorophenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2,4,6-Trichlorophenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2,4-Dichlorophenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2,4-Dimethylphenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2,4-Dinitrophenol	µg/L	N/A	<50	<250	--	--	--	--	--	--	<50	<50	--	--	--
2,4-Dinitrotoluene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--

STORM WATER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			M-SW-01					M-SW-01A			M-SW-02				
			02/02/04	02/18/04	10/26/04	12/28/04	02/11/05	10/26/04	12/28/04	02/11/05	02/02/04	02/18/04	10/26/04	12/27/04	02/11/05
2,6-Dinitrotoluene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2-Chloronaphthalene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2-Chlorophenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2-Methylnaphthalene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2-Nitroaniline	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
2-Nitrophenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
3,3'-Dichlorobenzidine	µg/L	N/A	<25	<130	--	--	--	--	--	--	<25	<25	--	--	--
3-Nitroaniline	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	<50	<250	--	--	--	--	--	--	<50	<50	--	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
4-Chloroaniline	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	11	<50	--	--	--	--	--	--	24	<10	--	--	--
4-Nitroaniline	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
4-Nitrophenol	µg/L	N/A	11	<50	--	--	--	--	--	--	19	<10	--	--	--
Acenaphthene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Acenaphthylene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Aniline	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Anthracene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Azobenzene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Benzidine	µg/L	N/A	<50	<250	--	--	--	--	--	--	<50	<50	--	--	--
Benzo (a) Anthracene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Benzo (a) Pyrene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Benzo (b) Fluoranthene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Benzo (k) Fluoranthene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Benzoic acid	µg/L	N/A	<50	770	--	--	--	--	--	--	560	<50	--	--	--
Benzyl alcohol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	40	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	<25	<130	--	--	--	--	--	--	<25	<25	--	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	72	<50	--	--	--	--	--	--	26	23	--	--	--
Butyl Benzyl Phthalate	µg/L	N/A	15	<50	--	--	--	--	--	--	<10	11	--	--	--
Chrysene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Dibenzofuran	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Diethyl Phthalate	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Dimethyl Phthalate	µg/L	N/A	11	<50	--	--	--	--	--	--	<10	<10	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Fluoranthene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Fluorene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Hexachlorobenzene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	<25	<130	--	--	--	--	--	--	<25	<25	--	--	--
Hexachloroethane	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--

STORM WATER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			M-SW-01					M-SW-01A			M-SW-02				
			02/02/04	02/18/04	10/26/04	12/28/04	02/11/05	10/26/04	12/28/04	02/11/05	02/02/04	02/18/04	10/26/04	12/27/04	02/11/05
Isophorone	µg/L	N/A	31	<50	--	--	--	--	--	--	<10	<10	--	--	--
Nitrobenzene	µg/L	N/A	<25	<130	--	--	--	--	--	--	<25	<25	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
N-Nitrosodiphenylamino	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Pentachlorophenol	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Phenanthrene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Phenol	µg/L	N/A	19	<50	--	--	--	--	--	--	62	<10	--	--	--
Pyrene	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Pyridine	µg/L	N/A	<10	<50	--	--	--	--	--	--	<10	<10	--	--	--
Biological Parameters															
Heterotrophic Plate Count	CFU/mL	N/A	>3,000	--	--	--	--	--	--	--	>3,000	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	2,400	--	--	--	--	--	--	--	270	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	230	--	--	--	--	--	--	--	40	--	--	--	--
E. coli	MPN/100 mL	N/A	310	--	--	--	--	--	--	--	10	--	--	--	--
Field Parameters															
pH	pH units	N/A	--	--	6.15	9.93	--	--	--	--	--	--	8.29	9.53	--
Temperature	degrees Celsius	N/A	--	--	17.0	11.9	--	--	--	--	--	--	17.0	11.8	--
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – METAL RECYCLER

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																	
			M-LS-01									M-LS-02								
			02/04/04	02/20/04	04/03/04	10/27/04	12/08/04	12/28/04	02/14/05	01/02/06	02/28/06	02/04/04	02/20/04	04/03/04	10/27/04	12/08/04	12/28/04	02/14/05	01/02/06	02/04/04
General Monitoring Parameters																				
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromide	mg/L	N/A	3.6	2.9	--	0.34	0.62	0.74	6.9	0.93	0.83	0.35	0.43	--	0.25	0.8	0.53	3.3	0.77	1.4
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	mg/L	N/A	110	110	--	28	68	110	41	34	38	57	65	--	35	90	76	99	66	110
Chemical Oxygen Demand	mg/L	N/A	18	28	--	18	13	54	20	5	28	21	26	--	18	46	33	28	13	33
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	11	16	--	2.8	5.4	1.9	2.9	4.9	6.9	2.8	2.7	--	5	1	5.6	2.3	16	3.8
Nitrite (as N)	mg/L	N/A	1.5	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	2.7	1.4	--	0.7	0.56	1.1	<0.5	<0.5	0.7	1.1	0.98	--	<0.5	1.4	0.84	0.84	<0.5	1.3
Carbon, Total Organic	mg/L	N/A	17	9.6	--	4.7	6.2	14	5.2	3.1	3.5	17	11	--	4.9	14	7.3	5.7	4.7	23
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen, Organic	mg/L	N/A	0.6	0.98	--	0.7	0.56	1.1	<0.5	<0.5	0.7	0.82	0.7	--	<0.5	1.4	0.84	0.84	<0.5	1.3
Ammonia-Nitrogen	mg/L	Total	2.1	0.42	--	<0.1	<0.1	<0.2	<0.1	<0.13	<0.15	0.28	0.28	--	<0.1	<0.1	<0.2	<0.1	<0.15	<0.2
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Total	12	14	--	0.081	0.068	0.08	0.41	0.53	0.57	14	16	--	0.091	0.1	0.79	0.59	0.19	15
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/L	N/A	750	780	--	220	310	610	230	200	200	280	350	--	190	500	370	530	270	340
Total Dissolved Solids	mg/L	N/A	570	1,700	--	780	920	1,300	660	583	673	950	930	--	630	1,300	1,000	1,100	733	1,200
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals³																				
Aluminum	µg/L	Dissolved	<50	<50	--	<25	<25	<25	<25	<25	<25	<50	<50	--	<25	<25	<25	<25	<25	<50
Aluminum	µg/L	Total	<50	<50	--	<25	<25	<25	<25	<25	<25	<50	<50	--	<25	<25	<25	<25	<25	<50
Antimony	µg/L	Dissolved	1.09	1.03	--	<1	<1	<1	<1	<1	<1	2.78	2.41	--	1.16	1.32	<1	2.07	1.38	2.7
Antimony	µg/L	Total	<1	1.21	--	<1	<1	<1	1.05	<1	<1	2.86	2.32	--	1.15	1.65	<1	1.69	1.62	3.08
Arsenic	µg/L	Dissolved	5.14	1.39	--	2.15	1.38	<0.5	2.31	2.09	1.56	3.1	2.59	--	1.14	1.2	<0.5	1.76	0.621	13.9
Arsenic	µg/L	Total	4.02	1.75	--	2.17	1.38	<0.5	2.31	2.64	2.02	2.77	2.98	--	0.992	1.76	1.09	1.19	1.06	13.5
Barium	µg/L	Dissolved	86.4	54.8	--	101	78.1	83.7	79.9	95.9	80.6	56.3	70.8	--	70.7	88.8	69.7	38.6	83.2	72
Barium	µg/L	Total	93.2	55.2	--	105	82.9	78.3	81.5	97.7	80.2	63.2	72.3	--	71.4	98.4	71.3	67.2	81.6	76.2
Beryllium	µg/L	Dissolved	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	8,170	8,210	--	2,330	1,550	1,610	1,030	638	674	1,220	1,410	--	1,080	1,440	1,740	1,040	760	4,490
Boron	µg/L	Total	8,180	8,310	--	2,340	1,610	1,720	1,030	629	701	1,240	1,370	--	1,010	1,520	1,920	1,140	716	4,970
Cadmium	µg/L	Dissolved	0.386	0.354	--	0.294	0.457	0.761	0.36	0.351	0.343	<0.2	<0.2	--	0.526	0.637	0.579	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	0.429	0.369	--	0.327	0.779	0.797	0.378	0.414	0.333	0.204	<0.2	--	0.554	0.732	0.588	0.487	0.271	<0.2
Chromium	µg/L	Dissolved	1.15	1.76	1.85	<1	1.58	1.85	1.53	3.11	1.15	1.34	1.31	2.04	7.88	<1	4.04	1.73	14.8	1.35
Chromium	µg/L	Total	1.97	1.89	--	1.3	2.14	2.74	1.82	9.51	<1	2.27	1.03	--	48.7	5.68	4.41	5.88	28	2.7
Chromium, Hexavalent	µg/L	Dissolved	--	--	<0.2	1.5	1.9	0.21	0.75	3	2.3	--	--	<0.2	4.2	<0.2	2.8	<0.2	2.8	--
Cobalt	µg/L	Dissolved	58.5	88.4	--	74.9	130	3.1	222	131	173	<1	<1	--	4.12	3.12	220	1.36	2.06	<1
Cobalt	µg/L	Total	64.5	92.6	--	75.1	136	3.29	222	152	166	<1	<1	--	4.03	3.34	258	3.11	2.36	<1
Copper	µg/L	Dissolved	10.2	7.01	--	3.01	4.49	17.4	5.36	4.47	3.94	4.14	4.54	--	6.93	4.88	6.99	3.33	2.7	2.93
Copper	µg/L	Total	9.98	7.2	--	3.58	5.57	27.2	5.89	6.07	4.26	4.17	8.24	--	13.1	6.42	9.15	14.6	5.51	3.08
Iron	µg/L	Dissolved	<100	<100	--	<100	<100	391	<100	213	179	<100	<100	--	<100	101	219	<100	282	241
Iron	µg/L	Total	159	141	--	<100	142	405	<100	392	229	110	<100	--	678	2,420	313	205	613	273

LYSIMETER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																	
			M-LS-01									M-LS-02								
			02/04/04	02/20/04	04/03/04	10/27/04	12/08/04	12/28/04	02/14/05	01/02/06	02/28/06	02/04/04	02/20/04	04/03/04	10/27/04	12/08/04	12/28/04	02/14/05	01/02/06	02/04/04
Lead	µg/L	Dissolved	<0.5	6.82	--	1.15	<0.5	0.679	<0.5	<0.5	0.788	<0.5	0.632	--	<0.5	<0.5	<0.5	<0.5	<0.5	1.62
Lead	µg/L	Total	1.77	6.9	--	3.92	4.2	1.76	1.33	9.06	2.7	0.872	2.45	--	3.9	2.97	2.37	4.23	2.38	0.785
Manganese	µg/L	Dissolved	4,360	2,810	--	60.9	45.9	2,940	50.1	19.2	10.3	446	772	--	929	1,370	81.9	125	38.9	255
Manganese	µg/L	Total	4,300	2,880	--	63.4	52	3,200	50.7	25.6	10.1	476	639	--	900	1,480	96	985	94.9	265
Mercury	µg/L	Dissolved	--	<0.25	--	--	--	--	<0.1	<0.1	<0.1	--	<0.25	--	--	--	--	<0.1	<0.1	--
Mercury	µg/L	Total	--	<0.25	--	--	--	--	<0.1	<0.1	<0.1	--	<0.25	--	--	--	--	<0.1	<0.1	--
Molybdenum	µg/L	Dissolved	93.5	65.4	--	21.2	13	112	8.05	10.2	8.98	24.9	21.9	--	171	163	12.4	38	38	47.8
Molybdenum	µg/L	Total	96.3	68.6	--	21.3	13.2	111	7.99	11.6	8.97	27.1	20.8	--	167	168	12.9	58.5	43.6	49.2
Nickel	µg/L	Dissolved	110	65	--	42	37	140	54	84	35	16	27	--	1,700	150	57	96	220	18
Nickel	µg/L	Total	110	97	--	40	39	150	49	79	34	17	45	--	1,600	160	66	190	350	21
Selenium	µg/L	Dissolved	2.66	5.09	--	1.7	1.7	<1	1.77	3.56	<1	4.49	5.11	--	3.4	1.43	<1	<1	3.53	6.71
Selenium	µg/L	Total	2.3	6.18	--	<1	1.77	2.21	1.98	5.79	<1	4.45	5.21	--	2.82	1.78	2.08	2.68	5.41	6.56
Silver	µg/L	Dissolved	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	1.44	<1	<1	<1	<1	<1
Silver	µg/L	Total	<1	<1	--	<1	1.2	3.77	<1	1.14	<1	<1	<1	--	8.31	1.31	1.76	4.07	1.86	<1
Strontium	µg/L	Dissolved	1,580	1,490	--	586	796	1,290	669	666	604	404	448	--	439	1,220	857	582	846	594
Strontium	µg/L	Total	1,570	1,550	--	585	811	1,250	672	713	568	438	435	--	425	1,260	886	1,190	840	565
Thallium	µg/L	Dissolved	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	1.47	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Titanium	µg/L	Dissolved	5.79	12.7	--	3.52	3.49	5.05	7.23	2.83	2.69	5.09	6.51	--	3.05	3.66	5.15	6.67	2.68	6.31
Titanium	µg/L	Total	8.5	13	--	4.24	4.66	6.63	8.09	5.46	3.4	6.98	7.6	--	4.4	4.35	8.83	9.03	2.83	8.75
Vanadium	µg/L	Dissolved	8.41	4.97	--	2.56	1.49	<1	1.7	2.91	1.1	6.42	6.41	--	<1	<1	2.02	1.45	1.88	11.8
Vanadium	µg/L	Total	8.83	5.09	--	2.53	1.54	<1	1.85	3.13	1.28	6.71	6.39	--	<1	<1	2.23	1.17	1.99	12.6
Zinc	µg/L	Dissolved	35.7	76.8	--	83.6	101	91.9	88.1	78.5	69.3	24.9	22.9	--	59.9	20.6	165	34.4	47.3	19.5
Zinc	µg/L	Total	64	78.2	--	83.2	141	110	95.3	94.4	71	18.5	28.1	--	80.2	27.9	195	119	65.5	12.2
Other Constituents																				
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Perchlorate	µg/L	N/A	--	--	19	13	61	21	140	13	12	--	--	16	20	15	54	48	14	--
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	<2	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<2	<0.5
Volatile Organic Compounds																				
Methyl Bromide	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	<1	--	22	23	33	30	8.5	1.8	<1	<1	--	9.8	25	26	7.9	14	<1
Benzene	µg/L	N/A	<0.5	<0.5	--	0.64	0.65	0.57	<0.5	<0.5	<0.5	<0.5	<0.5	--	1.1	0.65	2.3	0.53	1.2	<0.5
Toluene	µg/L	N/A	<0.5	<0.5	--	13	6.2	4.4	2.6	0.69	<0.5	<0.5	<0.5	--	5.7	4.7	5.8	4.3	3.9	<0.5
Ethylbenzene	µg/L	N/A	<0.5	<0.5	--	4.3	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	0.7	<0.5	<1	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	<0.5	<0.5	--	8.1	3.4	0.82	<0.5	<0.5	<0.5	<0.5	<0.5	--	1.5	0.9	<1	0.66	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	<0.5	--	19	3.5	0.95	0.57	<0.5	0.69	<0.5	<0.5	--	2.7	1.3	1.2	1.4	0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	0.9	--	0.92	0.76	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	0.84
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	--	4	0.76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	1.5	<0.5	<1	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																	
			M-LS-01									M-LS-02								
			02/04/04	02/20/04	04/03/04	10/27/04	12/08/04	12/28/04	02/14/05	01/02/06	02/28/06	02/04/04	02/20/04	04/03/04	10/27/04	12/08/04	12/28/04	02/14/05	01/02/06	02/04/04
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Biological Parameters																				
Heterotrophic Plate Count	CFU/mL	N/A	140,000	--	--	--	--	--	--	--	--	7,600	--	--	--	--	--	--	--	120,000
Total Coliforms	MPN/100 mL	N/A	20	--	--	--	--	--	--	--	--	<20	--	--	--	--	--	--	--	<20
Fecal Coliform	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	<20	--	--	--	--	--	--	--	<20
E. coli	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	<20	--	--	--	--	--	--	--	<20
Field Parameters																				
pH	pH units	N/A	--	--	--	--	--	8.05	--	--	--	--	--	--	--	--	7.71	--	--	--
Temperature	degrees Celsius	N/A	--	--	--	--	--	19.5	--	--	--	--	--	--	--	--	15.7	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	1,290	--	--	--	--	--	--	--	--	1,650	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
 3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	M-LS-03					M-LS-04					
			02/20/04	04/03/04	02/15/05	01/02/06	02/28/06	02/04/04	02/20/04	04/03/04	02/16/05	01/02/06	02/28/06
			General Monitoring Parameters										
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Bromide	mg/L	N/A	0.94	--	14	0.88	0.7	0.45	0.61	--	2.9	1.2	0.49
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Chloride	mg/L	N/A	60	--	76	120	140	79	53	--	36	120	91
Chemical Oxygen Demand	mg/L	N/A	--	--	79	31	23	240	--	--	84	67	64
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	3.8	--	<0.1	11	4.1	12	5.7	--	12	24	6.1
Nitrite (as N)	mg/L	N/A	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	--	0.79	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	1.1	--	0.98	1.1	0.98	2.5	2.1	--	2.1	1.5	1.4
Carbon, Total Organic	mg/L	N/A	14	--	18	7.8	10	--	84	--	20	19	19
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Nitrogen, Organic	mg/L	N/A	1.1	--	0.98	1.1	0.98	2.5	2.1	--	1.4	1.5	1.4
Ammonia-Nitrogen	mg/L	Total	<0.4	--	<0.1	<0.13	<0.2	<0.2	<0.2	--	0.7	<0.13	<0.23
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Total	--	--	0.53	0.23	0.23	17	--	--	0.59	0.21	<0.03
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/L	N/A	340	--	400	520	550	220	350	--	260	660	440
Total Dissolved Solids	mg/L	N/A	1,200	--	1,100	1100	--	--	1,100	--	820	1330	--
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--
Metals³													
Aluminum	µg/L	Dissolved	<50	--	<25	<25	<25	<50	<50	--	<25	<25	<25
Aluminum	µg/L	Total	<50	--	<25	<25	<25	<50	<50	--	<25	<25	<25
Antimony	µg/L	Dissolved	2.27	--	3.78	1.48	1.58	2.75	2.99	--	2.88	2.52	3.05
Antimony	µg/L	Total	2.22	--	4.74	<1	1.64	2.67	2.98	--	2.81	2.51	3.03
Arsenic	µg/L	Dissolved	13.2	--	3.32	1.55	0.979	4.22	5.67	--	2.88	2.05	1.19
Arsenic	µg/L	Total	12.7	--	8.52	2.38	<0.5	3.93	5.44	--	2.77	3.6	1.57
Barium	µg/L	Dissolved	75.5	--	92.6	54.2	58.2	113	120	--	126	88.5	74.1
Barium	µg/L	Total	76.7	--	117	59.5	59.2	117	121	--	124	91.7	75.8
Beryllium	µg/L	Dissolved	<1	--	<1	<1	<1	<1	<1	--	<1	<1	<1
Beryllium	µg/L	Total	<1	--	<1	<1	<1	<1	<1	--	<1	<1	<1
Boron	µg/L	Dissolved	5,480	--	1,500	718	995	2,160	2,310	--	894	1010	1230
Boron	µg/L	Total	5,320	--	1,540	954	1130	2,470	2,260	--	831	1000	1280
Cadmium	µg/L	Dissolved	<0.2	--	<0.2	0.859	1.05	<0.2	<0.2	--	0.271	0.207	<0.2
Cadmium	µg/L	Total	<0.2	--	<0.2	0.695	1.02	<0.2	0.21	--	0.269	0.209	0.204
Chromium	µg/L	Dissolved	<1	2.67	2.35	4.31	21.4	3.45	11	17	8.29	10.3	2.51
Chromium	µg/L	Total	<1	--	3.54	18.9	22.7	4.36	11.7	--	38.9	12	2.72
Chromium, Hexavalent	µg/L	Dissolved	--	0.6	<0.2	8	26	--	--	14	6	6.7	3.5
Cobalt	µg/L	Dissolved	<1	--	7.32	2.35	1.91	1.05	<1	--	2.46	<1	<1
Cobalt	µg/L	Total	<1	--	7.82	2.15	2.07	1.01	1.03	--	2.5	1.03	<1
Copper	µg/L	Dissolved	6.54	--	4.32	11.6	14.7	12.3	16.5	--	7.36	14.4	9.54
Copper	µg/L	Total	6.69	--	4.94	10.4	15	12.6	17.3	--	8.74	14.1	9.28
Iron	µg/L	Dissolved	<100	--	194	362	328	<100	<100	--	<100	608	313
Iron	µg/L	Total	102	--	11,800	962	469	154	100	--	153	639	392

TABLE C-10

LYSIMETER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	M-LS-03					M-LS-04					
			02/20/04	04/03/04	02/15/05	01/02/06	02/28/06	02/04/04	02/20/04	04/03/04	02/16/05	01/02/06	02/28/06
			Lead	µg/L	Dissolved	<0.5	--	<0.5	<0.5	0.504	0.95	<0.5	--
Lead	µg/L	Total	<0.5	--	0.534	0.58	0.868	0.529	0.61	--	<0.5	<0.5	1.72
Manganese	µg/L	Dissolved	178	--	6,520	160	153	127	238	--	1330	7.17	31.5
Manganese	µg/L	Total	185	--	6,840	250	150	117	257	--	1330	7.82	31.9
Mercury	µg/L	Dissolved	<0.25	--	<0.25	<0.1	<0.1	--	<0.25	--	<0.1	<0.1	<0.1
Mercury	µg/L	Total	<0.25	--	<0.25	<0.1	<0.1	--	<0.25	--	<0.1	<0.1	<0.1
Molybdenum	µg/L	Dissolved	36.9	--	73.1	35.5	17.8	50	47	--	55	12.4	8.14
Molybdenum	µg/L	Total	36.3	--	75.3	16.5	18.9	50.6	49.7	--	55.6	12.6	8.54
Nickel	µg/L	Dissolved	20	--	160	57	77	64	62	--	290	42	27
Nickel	µg/L	Total	19	--	170	120	80	65	65	--	290	45	27
Selenium	µg/L	Dissolved	7.79	--	<1	3.69	1.42	6.17	12.3	--	5.01	7.6	1.32
Selenium	µg/L	Total	8.51	--	<1	6.71	1.42	6.41	11.8	--	5.03	8.29	1.02
Silver	µg/L	Dissolved	<1	--	1.29	<1	1.78	<1	<1	--	3.91	4.31	<1
Silver	µg/L	Total	<1	--	10.2	20.1	2.38	1.35	<1	--	7.73	4.7	<1
Strontium	µg/L	Dissolved	585	--	1,170	1150	1320	731	748	--	588	1250	763
Strontium	µg/L	Total	590	--	1,220	1480	1290	689	784	--	575	1240	754
Thallium	µg/L	Dissolved	<1	--	<1	<1	<1	<1	<1	--	<1	<1	<1
Thallium	µg/L	Total	<1	--	<1	<1	<1	<1	<1	--	<1	<1	<1
Tin	µg/L	Dissolved	<1	--	<1	<1	<1	<1	<1	--	<1	<1	1.83
Tin	µg/L	Total	<1	--	<1	<1	<1	<1	<1	--	<1	<1	<1
Titanium	µg/L	Dissolved	7.6	--	11	3.15	2.84	6.45	14.1	--	11.8	2.94	2.78
Titanium	µg/L	Total	7.38	--	11.1	3.68	3.13	7.67	15.4	--	11.6	3.32	2.99
Vanadium	µg/L	Dissolved	7.51	--	<1	3.71	1.03	8.27	8.24	--	3.29	<1	1.05
Vanadium	µg/L	Total	7.41	--	<1	3.47	1.03	8.62	8.47	--	2.77	2.92	1.47
Zinc	µg/L	Dissolved	20	--	26.3	106	78.7	27.2	21.2	--	24.6	46	43.9
Zinc	µg/L	Total	12.4	--	27.2	92.5	87.6	11.4	45	--	26.2	43.4	57
Other Constituents													
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Perchlorate	µg/L	N/A	--	33	<2	39	20	--	--	18	10	85	14
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	--	<0.5	<2	<2	<0.5	<0.5	--	<0.5	<2	<2
Volatile Organic Compounds													
Methyl Bromide	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	--	10	38	3.6	<1	<1	--	2.9	<0.5	<0.5
Benzene	µg/L	N/A	<0.5	--	0.7	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	--	3	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	<0.5	--	0.93	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	<0.5	--	2.9	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	--	3.7	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	1.1	--	0.51	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	--	0.83	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	M-LS-03					M-LS-04					
			02/20/04	04/03/04	02/15/05	01/02/06	02/28/06	02/04/04	02/20/04	04/03/04	02/16/05	01/02/06	02/28/06
			Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Biological Parameters													
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	9,600	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	<20	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	<20	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	--	--	<20	--	--	--	--	--
Field Parameters													
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--
Temperature	degrees Celsius	N/A	--	--	--	--	--	--	--	--	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmh
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated as --
3. In cases in which the filtered concentrations exceeded the total, the differences are indicated as --

GROUNDWATER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			M-MW-01												
			11/06/03	12/04/03	02/13/04	06/08/04	10/14/04	12/15/04	01/04/05	03/05/05	10/06/05	01/05/06	06/16/06	02/28/07	06/14/07
Cadmium	µg/L	Total	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	--	2.41	<1	2.78	<1	1.35	<1	<1	<1	<1	<1	<1	<1
Chromium	µg/L	Total	--	1.82	4.09	3.7	<1	11.8	<1	<1	1.59	<1	<1	<1	<1
Chromium, Hexavalent	µg/L	Dissolved	<0.2	--	0.23	0.22	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--
Cobalt	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Copper	µg/L	Dissolved	--	<1	1.01	1.41	<1	<1	1.11	<1	1.24	<1	<1	<1	<1
Copper	µg/L	Total	--	1.12	1.49	2.28	1.05	3.46	1.51	<1	2.02	1.26	1.01	<1	<1
Iron	µg/L	Dissolved	--	<100	112	<100	<100	564	547	215	423	625	<100	580	623
Iron	µg/L	Total	--	244	435	870	593	1,660	1,140	979	1140	1110	338	1010	991
Lead	µg/L	Dissolved	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	µg/L	Total	--	<0.5	<0.5	<0.5	<0.5	1.16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Manganese	µg/L	Dissolved	--	96.8	65.7	46.6	32.8	31.2	29.7	30	22.9	16.4	26.6	31.9	32.5
Manganese	µg/L	Total	--	108	69.8	54.5	35.2	36.8	32.3	32.4	25.8	18.1	27.1	32.6	35
Mercury	µg/L	Dissolved	<0.1	--	0.131	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	µg/L	Total	--	<0.1	0.103	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	µg/L	Dissolved	--	10.8	7.15	8.04	5.78	6.18	5.97	5.98	6.42	6.93	6.89	7.27	6.62
Molybdenum	µg/L	Total	--	11.7	7.45	8.28	5.93	7.37	6.67	6.49	6.85	7.03	7.11	7.57	6.7
Nickel	µg/L	Dissolved	--	4.5	7.5	6.8	5.1	4.9	4	3.8	6.5	6.2	3.6	2.4	4
Nickel	µg/L	Total	--	5.4	7.4	6.9	4.8	14	4.9	4.1	7.4	6.3	3.5	2.9	4.5
Selenium	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Selenium	µg/L	Total	--	<1	1.04	<1	3.08	<1	<1	<1	<1	<1	1.48	<1	<1
Silver	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Silver	µg/L	Total	--	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<1	<1	<1
Strontium	µg/L	Dissolved	--	1,150	1,150	1,140	1,120	1,090	1,070	1,200	1100	1050	978	997	1000
Strontium	µg/L	Total	--	1,190	1,190	1,200	1,150	1,140	1,140	1,260	1140	1110	1050	1010	1060
Thallium	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Titanium	µg/L	Dissolved	--	1.73	2.41	2.38	1.83	3.29	2.06	2.39	2.64	1.36	1.79	1.54	3.95
Titanium	µg/L	Total	--	2.75	6.73	31.2	3.36	32.3	8.05	4.23	11.8	8.31	2.37	3.66	5.28
Vanadium	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	1.09	1.33	<1	<1	2.02
Vanadium	µg/L	Total	--	<1	<1	<1	<1	<1	1.51	1.08	1.38	1.92	<1	<1	3.41
Zinc	µg/L	Dissolved	--	<5	14	6.72	<5	6.77	<5	5.25	<5	5.2	7.03	<5	10.2
Zinc	µg/L	Total	--	<5	17.3	14.9	6.55	14.8	<5	10.9	8.35	26.6	6.02	10.4	39.3

GROUNDWATER ANALYTICAL RESULTS – METAL RECYCLER

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²													
			M-MW-01													
			11/06/03	12/04/03	02/13/04	06/08/04	10/14/04	12/15/04	01/04/05	03/05/05	10/06/05	01/05/06	06/16/06	02/28/07	06/14/07	
Isophorone	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	<25	--	<25	<25	<25	<25	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	<10	--	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Biological Parameters																
Heterotrophic Plate Count	CFU/mL	N/A	170,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	<2	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	<2	--	--	--	--	--	--	--	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	<2	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Parameters																
pH	pH units	N/A	--	--	--	--	--	6.96	6.98	--	--	--	--	--	--	--
Temperature	degrees Celsius	N/A	--	--	--	--	--	21.3	21.4	--	--	--	--	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	2	1.6	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	1,440	1,410	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²													
			S-SW-01					S-SW-02					S-SW-02A	S-SW-03		
			02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	12/27/04	02/02/04	02/18/04	10/19/04
General Monitoring Parameters																
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	34	30	24	42	22	36	41	52	36	28	--	44	55	34
Bicarbonate (as CaCO ₃)	mg/L	N/A	34	30	24	42	22	36	41	52	36	28	--	44	55	34
Bromide	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.1
Calcium	mg/L	Total	16.4	11.2	9.41	18.7	9.29	34.2	27.1	59.4	39	10.6	--	52.4	38.2	20
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1
Chloride	mg/L	N/A	<1	<1	<1	2.7	<1	11	11	21	18	<1	--	14	11	8
Chemical Oxygen Demand	mg/L	N/A	170	77	51	71	13	270	320	730	320	48	--	340	350	270
Fluoride	mg/L	N/A	0.11	<0.1	<0.1	0.14	<0.1	0.13	<0.1	0.22	0.12	<0.1	--	0.14	<0.1	<0.1
Hardness (as CaCO ₃)	mg/L	Total	46	36	50	68	38	90	84	300	130	44	--	130	130	80
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1
Magnesium	mg/L	Total	1.81	0.572	0.464	1.23	0.338	1.56	1.31	3.43	2.22	0.358	--	2.22	1.65	1.09
MBAS (Surfactants)	mg/L	N/A	0.31	0.42	0.25	0.36	0.24	4.1	4	2.4	1.5	0.32	--	3.9	3.3	1.4
Nitrate (as N)	mg/L	N/A	0.23	0.27	0.16	0.62	<0.1	0.54	0.57	0.18	0.63	<0.1	--	0.67	1.8	0.15
Nitrite (as N)	mg/L	N/A	0.12	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	3.6	2.4	1.1	1.5	0.7	4.1	5.3	11	6	1.4	--	6.4	6.7	4.1
Carbon, Total Organic	mg/L	N/A	13	11	5.9	11	5.5	90	82	98	92	7	--	130	96	21
Carbon, Dissolved Organic	mg/L	N/A	11	9.3	6	10	5.8	90	85	100	67	7	--	100	92	16
Nitrogen, Organic	mg/L	N/A	3.5	1.7	1.1	1.2	0.5	3.9	4.5	9.5	4.8	1.1	--	5.8	5.9	3.8
Ammonia-Nitrogen	mg/L	Total	0.14	0.7	<0.1	0.35	0.21	0.21	0.84	1.8	1.2	0.28	--	0.56	0.84	0.28
pH	pH units	N/A	7.85	7.23	5.9	6.91	6.6	8.31	7.82	6.34	6.26	6.89	--	8.36	7.81	6.37
Phosphorus	mg/L	Dissolved	0.21	0.077	0.45	0.41	0.089	0.61	0.35	0.68	0.55	0.12	--	0.43	0.32	0.3
Phosphorus	mg/L	Total	0.27	0.25	0.56	0.58	0.14	0.65	0.68	0.8	0.73	0.41	--	0.56	0.54	0.47
Potassium	mg/L	Total	1.88	1.07	0.69	1.38	<0.5	6.5	5.23	12	9.26	<0.5	--	9.82	6.5	4.29
Sodium	mg/L	Total	1.44	0.636	0.946	2.96	0.658	12	10.8	25.6	20.9	0.571	--	18.3	12.6	8.34
Specific Conductance	µmhos/cm	N/A	69	77	63	130	57	370	250	480	340	58	--	430	330	180
Sulfate	mg/L	N/A	5.6	5.5	5	9.9	2.3	110	47	94	66	2.9	--	140	69	28
Total Dissolved Solids	mg/L	N/A	44	52	62	94	52	310	210	420	260	48	--	340	270	140
Total Suspended Solids	mg/L	N/A	290	98	30	95	9.5	41	120	930	80	250	--	68	270	180
Turbidity	NTU	N/A	50	37	35	20	5.7	43	130	210	62	53	--	31	220	68
Metals³																
Aluminum	µg/L	Dissolved	<50	<50	<25	<25	<25	51.1	93	97.3	65.2	<25	--	<50	109	61.7
Aluminum	µg/L	Total	2,530	1,390	885	911	84.5	514	1,510	3,660	845	744	--	406	3,460	1,340
Antimony	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	1.06	2.1	<1	<1	--	1.12	1.84	1.14
Antimony	µg/L	Total	1.59	<1	1.68	<1	<1	1.48	3.71	3.51	<1	1.18	--	1.5	4.49	1.55
Arsenic	µg/L	Dissolved	<0.5	<0.5	<0.5	1.05	<0.5	1.08	11.6	3.87	4.81	<0.5	--	1.1	9.93	1.31
Arsenic	µg/L	Total	1.65	<0.5	<0.5	1.45	<0.5	1.65	13.9	4.88	5.33	0.809	--	2.49	13	1.71
Barium	µg/L	Dissolved	8.7	11.4	5.47	14.1	10.6	8.57	12.1	21.3	9.13	10.8	--	9.91	17.2	8.26
Barium	µg/L	Total	99.1	48.6	33.2	40.3	13.4	27.1	46.7	141	30.8	41.6	--	21.9	119	46.2
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1
Boron	µg/L	Dissolved	52.2	<50	<50	121	128	104	88.4	229	246	169	--	139	104	71.1
Boron	µg/L	Total	64.7	<50	<50	128	154	147	90.2	224	243	195	--	161	111	84.9
Cadmium	µg/L	Dissolved	<0.2	0.244	<0.2	<0.2	<0.2	0.764	<0.2	0.493	0.245	<0.2	--	0.372	0.233	0.215
Cadmium	µg/L	Total	1.41	0.973	0.425	0.463	<0.2	0.515	0.626	1.93	0.474	0.517	--	0.623	1.37	0.664

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²													
			S-SW-01					S-SW-02					S-SW-02A	S-SW-03		
			02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	12/27/04	02/02/04	02/18/04	10/19/04
o-Xylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	<10	<10	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5
1,2-Dichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<50	4.7	<0.5	<0.5	<0.5	<0.5	<0.5	1.3
2,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	<1	3.7	<1	1.5	1.6	1.7	6.1	3.5	3.2	2.5	2.7	2	12	1
2-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<2	<2	<2	<2	<2	<2	7.2	<2	<2	<2	<2	<2	64	<2
Acetone	µg/L	N/A	4	40	13	16	21	16	70	29	25	36	24	12	130	15
Acrylonitrile	µg/L	N/A	<2	<2	<2	<2	<2	<2	<4	<2	<2	<2	<2	<2	<2	<2
Allyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.94	<0.5	<0.5	<0.5	<0.5	<0.5

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²													
			S-SW-01					S-SW-02					S-SW-02A		S-SW-03	
			02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	12/27/04	02/02/04	02/18/04	10/19/04
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<4	<2	<2	<2	<2	<2	<2	<2
Ethanol	µg/L	N/A	<100	290	<100	170	130	130	390	1,900	420	310	370	250	840	570
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<4	<2	<2	<2	<2	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	0.56	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Naphthalene	µg/L	N/A	<10	<10	<0.5	<0.5	<0.5	<10	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Styrene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<4	<2	<2	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds																
1-Methylnaphthalene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2,4,5-Trichlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2,4,6-Trichlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2,4-Dichlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2,4-Dimethylphenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2,4-Dinitrophenol	µg/L	N/A	<50	<50	--	--	--	<50	<250	--	--	--	--	<50	<50	--
2,4-Dinitrotoluene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2,6-Dinitrotoluene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2-Chloronaphthalene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2-Chlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2-Methylnaphthalene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2-Methylphenol (o-Cresol)	µg/L	N/A	<10	<10	--	--	--	12	<50	--	--	--	--	19	<10	--
2-Nitroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
2-Nitrophenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
3,3'-Dichlorobenzidine	µg/L	N/A	<25	<25	--	--	--	<25	<130	--	--	--	--	<25	<25	--
3-Nitroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	<50	<50	--	--	--	<50	<250	--	--	--	--	<50	<50	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
4-Chloro-3-Methylphenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
4-Chloroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
4-Methylphenol (p-Cresol)	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
4-Nitroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
4-Nitrophenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²													
			S-SW-01					S-SW-02					S-SW-02A	S-SW-03		
			02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	12/27/04	02/02/04	02/18/04	10/19/04
Acenaphthene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Acenaphthylene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Aniline	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Anthracene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Azobenzene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Benidine	µg/L	N/A	<50	<50	--	--	--	<50	<250	--	--	--	--	<50	<50	--
Benzo (a) Anthracene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Benzo (a) Pyrene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Benzo (b) Fluoranthene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Benzo (g,h,i) Perylene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Benzo (k) Fluoranthene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Benzoic acid	µg/L	N/A	<50	<50	--	--	--	<50	<250	--	--	--	--	280	150	--
Benzyl alcohol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	12	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	<25	<25	--	--	--	<25	<130	--	--	--	--	<25	<25	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	13	32	--
Butyl Benzyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	10	--
Chrysene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Dibenz (a,h) Anthracene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Dibenzofuran	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Diethyl Phthalate	µg/L	N/A	<10	<10	--	--	--	12	<50	--	--	--	--	21	18	--
Dimethyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Di-n-Butyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	16	--
Di-n-Octyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Fluoranthene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Fluorene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Hexachlorobenzene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Hexachlorocyclopentadiene	µg/L	N/A	<25	<25	--	--	--	<25	<130	--	--	--	--	<25	<25	--
Hexachloroethane	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Isophorone	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Nitrobenzene	µg/L	N/A	<25	<25	--	--	--	<25	<130	--	--	--	--	<25	<25	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
N-Nitrosodiphenylamino	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Pentachlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Phenanthrene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Phenol	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Pyrene	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Pyridine	µg/L	N/A	<10	<10	--	--	--	<10	<50	--	--	--	--	<10	<10	--
Biological Parameters																
Heterotrophic Plate Count	CFU/mL	N/A	>3,000	--	--	--	--	>3,000	--	--	--	--	--	>3,000	--	--
Total Coliforms	MPN/100 mL	N/A	2,300	--	--	--	--	>160,000	--	--	--	--	--	>160,000	--	--
Fecal Coliform	MPN/100 mL	N/A	2,300	--	--	--	--	90,000	--	--	--	--	--	160,000	--	--
E. coli	MPN/100 mL	N/A	5,040	--	--	--	--	73,800	--	--	--	--	--	18,500	--	--
Field Parameters																
pH	pH units	N/A	--	--	8.45	7.04	--	--	7.74	8.05	--	--	--	--	--	8.19
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	15.4	10.2	--	--	15.8	10.2	--	--	--	--	--	15.6

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²												
			S-SW-01					S-SW-02					S-SW-02A	S-SW-03	
			02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	02/02/04	02/18/04	10/19/04	12/27/04	02/11/05	12/27/04	02/02/04	02/18/04
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction		
			12/27/04	02/11/05
General Monitoring Parameters				
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	40	78
Bicarbonate (as CaCO ₃)	mg/L	N/A	40	78
Bromide	mg/L	N/A	<0.1	<0.1
Calcium	mg/L	Total	19	76.2
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1
Chloride	mg/L	N/A	3.5	18
Chemical Oxygen Demand	mg/L	N/A	71	900
Fluoride	mg/L	N/A	0.11	<0.1
Hardness (as CaCO ₃)	mg/L	Total	62	290
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1
Magnesium	mg/L	Total	1.22	3.61
MBAS (Surfactants)	mg/L	N/A	0.32	2.5
Nitrate (as N)	mg/L	N/A	0.68	<0.1
Nitrite (as N)	mg/L	N/A	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	1.5	13
Carbon, Total Organic	mg/L	N/A	14	150
Carbon, Dissolved Organic	mg/L	N/A	13	130
Nitrogen, Organic	mg/L	N/A	1.2	12
Ammonia-Nitrogen	mg/L	Total	0.35	1.2
pH	pH units	N/A	6.65	6.76
Phosphorus	mg/L	Dissolved	0.24	0.33
Phosphorus	mg/L	Total	0.3	0.75
Potassium	mg/L	Total	1.65	10.7
Sodium	mg/L	Total	3.69	21.3
Specific Conductance	µmhos/cm	N/A	130	470
Sulfate	mg/L	N/A	11	120
Total Dissolved Solids	mg/L	N/A	76	460
Total Suspended Solids	mg/L	N/A	31	780
Turbidity	NTU	N/A	24	380
Metals³				
Aluminum	µg/L	Dissolved	<25	198
Aluminum	µg/L	Total	535	6,570
Antimony	µg/L	Dissolved	<1	15.4
Antimony	µg/L	Total	<1	17.8
Arsenic	µg/L	Dissolved	1.1	3.69
Arsenic	µg/L	Total	1.44	5.91
Barium	µg/L	Dissolved	13.1	36
Barium	µg/L	Total	27.8	225
Beryllium	µg/L	Dissolved	<1	<1
Beryllium	µg/L	Total	<1	<1
Boron	µg/L	Dissolved	124	233
Boron	µg/L	Total	125	1,760
Cadmium	µg/L	Dissolved	<0.2	0.614
Cadmium	µg/L	Total	0.238	2.74

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction		
			12/27/04	02/11/05
Chromium	µg/L	Dissolved	1.54	3.88
Chromium	µg/L	Total	2.64	21.2
Chromium, Hexavalent	µg/L	Dissolved	0.43	0.7
Cobalt	µg/L	Dissolved	<1	2.65
Cobalt	µg/L	Total	<1	7.09
Copper	µg/L	Dissolved	13.5	11.3
Copper	µg/L	Total	19.2	86.2
Iron	µg/L	Dissolved	<100	1,200
Iron	µg/L	Total	831	10,100
Lead	µg/L	Dissolved	<0.5	58.2
Lead	µg/L	Total	10.6	956
Manganese	µg/L	Dissolved	8.17	131
Manganese	µg/L	Total	26.6	329
Mercury	µg/L	Dissolved	<0.1	<0.1
Mercury	µg/L	Total	<0.1	1.27
Molybdenum	µg/L	Dissolved	1.2	5.71
Molybdenum	µg/L	Total	1.39	7.5
Nickel	µg/L	Dissolved	<2	10
Nickel	µg/L	Total	2.6	24
Selenium	µg/L	Dissolved	1.12	<1
Selenium	µg/L	Total	1.01	<1
Silver	µg/L	Dissolved	<1	<1
Silver	µg/L	Total	<1	1.48
Strontium	µg/L	Dissolved	61.4	210
Strontium	µg/L	Total	67.5	257
Thallium	µg/L	Dissolved	<1	<1
Thallium	µg/L	Total	1	<1
Tin	µg/L	Dissolved	<1	<1
Tin	µg/L	Total	<1	3.89
Titanium	µg/L	Dissolved	2.18	15.8
Titanium	µg/L	Total	40.7	414
Vanadium	µg/L	Dissolved	4.57	3.4
Vanadium	µg/L	Total	6.23	23
Zinc	µg/L	Dissolved	43.6	350
Zinc	µg/L	Total	83.2	669
Other Constituents				
Oil and Grease	mg/L	N/A	2	54
Perchlorate	µg/L	N/A	<2	<2
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--
Glyphosate	µg/L	N/A	--	--
1,4-Dioxane	µg/L	N/A	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	<0.5
Volatile Organic Compounds				
Methyl Bromide	µg/L	N/A	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	<1
Benzene	µg/L	N/A	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	<0.5
Ethylbenzene	µg/L	N/A	<0.5	<0.5

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction		
			12/27/04	02/11/05
o-Xylene	µg/L	N/A	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	1.4	3
2-Chlorotoluene	µg/L	N/A	<0.5	<0.5
2-Hexanone	µg/L	N/A	<0.5	<0.5
4-Chlorotoluene	µg/L	N/A	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<2	<2
Acetone	µg/L	N/A	12	42
Acrylonitrile	µg/L	N/A	<2	<2
Allyl Chloride	µg/L	N/A	<0.5	<0.5
Bromobenzene	µg/L	N/A	<0.5	<0.5
Bromochloromethane	µg/L	N/A	<0.5	<0.5
Bromoform	µg/L	N/A	<0.5	<0.5
Carbon disulfide	µg/L	N/A	<0.5	<0.5
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5
Chlorobenzene	µg/L	N/A	<0.5	<0.5
Chloroethane	µg/L	N/A	<0.5	<0.5
Chloroform	µg/L	N/A	<0.5	<0.5
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	<0.5	<0.5
Dibromomethane	µg/L	N/A	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5
Diethyl Ether	µg/L	N/A	0.78	<0.5

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction		
			12/27/04	02/11/05
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2
Ethanol	µg/L	N/A	<100	550
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	<0.5
Methylene Chloride	µg/L	N/A	<0.5	<0.5
Naphthalene	µg/L	N/A	<0.5	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5
Styrene	µg/L	N/A	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<1
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5
Semi-Volatile Organic Compounds				
1-Methylnaphthalene	µg/L	N/A	--	--
2,4,5-Trichlorophenol	µg/L	N/A	--	--
2,4,6-Trichlorophenol	µg/L	N/A	--	--
2,4-Dichlorophenol	µg/L	N/A	--	--
2,4-Dimethylphenol	µg/L	N/A	--	--
2,4-Dinitrophenol	µg/L	N/A	--	--
2,4-Dinitrotoluene	µg/L	N/A	--	--
2,6-Dinitrotoluene	µg/L	N/A	--	--
2-Chloronaphthalene	µg/L	N/A	--	--
2-Chlorophenol	µg/L	N/A	--	--
2-Methylnaphthalene	µg/L	N/A	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--
2-Nitroaniline	µg/L	N/A	--	--
2-Nitrophenol	µg/L	N/A	--	--
3,3'-Dichlorobenzidine	µg/L	N/A	--	--
3-Nitroaniline	µg/L	N/A	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	--	--
4-Chloroaniline	µg/L	N/A	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--
4-Nitroaniline	µg/L	N/A	--	--
4-Nitrophenol	µg/L	N/A	--	--

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction		
			12/27/04	02/11/05
Acenaphthene	µg/L	N/A	--	--
Acenaphthylene	µg/L	N/A	--	--
Aniline	µg/L	N/A	--	--
Anthracene	µg/L	N/A	--	--
Azobenzene	µg/L	N/A	--	--
Benzidine	µg/L	N/A	--	--
Benzo (a) Anthracene	µg/L	N/A	--	--
Benzo (a) Pyrene	µg/L	N/A	--	--
Benzo (b) Fluoranthene	µg/L	N/A	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	--	--
Benzo (k) Fluoranthene	µg/L	N/A	--	--
Benzoic acid	µg/L	N/A	--	--
Benzyl alcohol	µg/L	N/A	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--
Chrysene	µg/L	N/A	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	--
Dibenzofuran	µg/L	N/A	--	--
Diethyl Phthalate	µg/L	N/A	--	--
Dimethyl Phthalate	µg/L	N/A	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--
Fluoranthene	µg/L	N/A	--	--
Fluorene	µg/L	N/A	--	--
Hexachlorobenzene	µg/L	N/A	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--
Hexachloroethane	µg/L	N/A	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--
Isophorone	µg/L	N/A	--	--
Nitrobenzene	µg/L	N/A	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--
N-Nitrosodiphenylamino	µg/L	N/A	--	--
Pentachlorophenol	µg/L	N/A	--	--
Phenanthrene	µg/L	N/A	--	--
Phenol	µg/L	N/A	--	--
Pyrene	µg/L	N/A	--	--
Pyridine	µg/L	N/A	--	--
Biological Parameters				
Heterotrophic Plate Count	CFU/mL	N/A	--	--
Total Coliforms	MPN/100 mL	N/A	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--
E. coli	MPN/100 mL	N/A	--	--
Field Parameters				
pH	pH units	N/A	8.09	
Temperature (degrees Celsius)	degrees Celsius	N/A	10.1	

STORM WATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction		
			12/27/04	02/11/05
Specific Conductance	µmhos/cm	N/A	--	

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µm
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated as --.
3. In cases in which the filtered concentrations exceeded the total, the differences are indicated as --.

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-01										S-LS-02						
			02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/29/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/19/04	12/08/04	12/29/04	
			General Monitoring Parameters																
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromide	mg/L	N/A	0.14	0.11	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.19	0.12	--	0.13	0.14	<0.1	
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloride	mg/L	N/A	28	26	--	13	11	10	14	13	25	27	38	29	--	17	16	16	
Chemical Oxygen Demand	mg/L	N/A	13	21	--	53	<5	10	<5	<5	33	32	<5	--	--	20	<5	13	
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrate (as N)	mg/L	N/A	15	11	--	3.1	2.8	3.1	2.2	12	0.98	5.5	1	3.3	--	17	11	10	
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	--	<0.1	0.24	<0.1	<0.1	<0.1	0.45	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.1	
Total Kjeldahl Nitrogen	mg/L	Total	0.7	1.4	--	1.1	0.7	<0.5	<0.5	<0.5	0.98	0.98	0.28	0.84	--	<1	<0.5	<0.5	
Carbon, Total Organic	mg/L	N/A	15	3.2	--	9.4	5	3.7	3.8	2.4	10	6.6	14	--	--	3.1	2.1	2	
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrogen, Organic	mg/L	N/A	<0.5	1.4	--	1.1	0.7	<0.5	<0.5	<0.5	0.98	0.98	<0.5	0.84	--	<1	<0.5	<0.5	
Ammonia-Nitrogen	mg/L	Total	0.56	<0.2	--	<0.1	<0.1	<0.2	<0.1	<0.2	0.64	<0.14	<0.2	<0.2	--	<0.1	<0.1	<0.2	
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phosphorus	mg/L	Total	14	13	--	<0.03	0.6	1.4	0.78	0.53	0.17	0.16	11	--	--	0.43	0.2	0.6	
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sulfate	mg/L	N/A	280	230	--	150	91	83	130	120	64	150	280	350	--	180	160	160	
Total Dissolved Solids	mg/L	N/A	920	850	--	690	510	500	340	470	538	516	1,000	1,100	--	930	730	720	
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Metals³																			
Aluminum	µg/L	Dissolved	<50	<50	--	<25	<25	<25	<25	<25	<25	<25	<25	<50	<50	--	<25	<25	<25
Aluminum	µg/L	Total	<50	<50	--	<25	<25	<25	<25	<25	<25	<25	<25	<50	50.3	--	<25	<25	<25
Antimony	µg/L	Dissolved	2.66	1.53	--	2.87	2.43	<1	1.59	1.61	<1	<1	<1	<1	<1	--	3.61	2.41	<1
Antimony	µg/L	Total	1.68	2.02	--	2.69	2.01	<1	1.87	1.53	<1	1.15	<1	1.04	--	3.47	2.76	<1	
Arsenic	µg/L	Dissolved	15.7	8.08	--	8.17	5.11	4.63	5.05	1.08	1.39	1.72	9.35	11.4	--	10.5	4.82	4.85	
Arsenic	µg/L	Total	13.3	8.75	--	7.88	4.38	4.46	4.47	0.941	5.38	1.85	7.95	13.4	--	10.1	4.58	5.14	
Barium	µg/L	Dissolved	120	145	--	95.8	67.7	59.9	76.4	116	116	244	246	224	--	117	125	128	
Barium	µg/L	Total	159	147	--	97.5	66.6	60.1	72.1	124	186	278	236	210	--	112	133	130	
Beryllium	µg/L	Dissolved	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	
Beryllium	µg/L	Total	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	
Boron	µg/L	Dissolved	119	74.5	--	70.1	85.5	93.5	62.2	136	141	165	96.9	99.5	--	<50	51	62.3	
Boron	µg/L	Total	72	91.8	--	68.2	77.8	92.4	56.3	132	169	183	77.8	125	--	<50	52.9	60.5	
Cadmium	µg/L	Dissolved	0.272	0.267	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.303	0.501	--	<0.2	<0.2	<0.2	
Cadmium	µg/L	Total	0.208	0.365	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.296	0.318	--	<0.2	<0.2	<0.2	
Chromium	µg/L	Dissolved	1.37	1.35	2.48	1.91	1.29	1.18	7.18	1.91	15.9	2.28	2.15	7.18	1.31	1.73	20.9	12.1	14.6
Chromium	µg/L	Total	2.14	1.98	--	2.95	1.41	1.38	7.79	15.3	3.57	184	2.03	3.77	--	18.3	12.8	14.7	
Chromium, Hexavalent	µg/L	Dissolved	--	--	0.47	0.63	1	0.43	6.2	15	<0.2	0.39	--	--	<0.2	31	20	11	

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-01										S-LS-02						
			02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/29/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/19/04	12/08/04	12/29/04	
			Cobalt	µg/L	Dissolved	<1	1.04	--	1.39	<1	<1	<1	<1	<1	1.22	1.96	<1	<1	--
Cobalt	µg/L	Total	<1	1.22	--	1.39	<1	<1	<1	<1	<1	1.51	2.51	<1	<1	--	<1	<1	<1
Copper	µg/L	Dissolved	1.78	2.9	--	7.06	3.64	6.6	8.76	5	2	2.67	3.16	2.6	--	<1	1.44	4.95	
Copper	µg/L	Total	2.52	3.92	--	7.68	3.86	6.61	9.04	5.84	2.01	13.8	3.39	3.96	--	1.03	1.55	5.52	
Iron	µg/L	Dissolved	137	121	--	<100	<100	<100	<100	<100	104	148	128	111	--	<100	<100	153	
Iron	µg/L	Total	130	166	--	269	<100	120	<100	152	2520	965	119	290	--	<100	<100	185	
Lead	µg/L	Dissolved	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.592	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Lead	µg/L	Total	5.46	<0.5	--	1.36	0.551	0.623	1.08	0.934	1.07	1.13	<0.5	0.847	--	<0.5	0.506	<0.5	
Manganese	µg/L	Dissolved	225	475	--	518	70.4	60.7	62.7	31.2	622	85.8	401	136	--	5.01	5.53	22.2	
Manganese	µg/L	Total	29.3	578	--	506	74.7	60.4	61.4	32.3	773	170	377	119	--	4.89	6.21	22.9	
Mercury	µg/L	Dissolved	--	<0.1	--	--	--	--	--	<0.1	<0.1	--	<0.1	--	--	--	--		
Mercury	µg/L	Total	--	<0.1	--	--	--	--	--	<0.1	<0.1	--	<0.1	--	--	--	--		
Molybdenum	µg/L	Dissolved	116	92.9	--	58.4	28.7	24.1	22.4	20.1	24.6	18.2	111	143	--	27	14.4	14.3	
Molybdenum	µg/L	Total	79.9	96.3	--	55.8	28.6	23.9	21.6	20.8	30.8	20.1	107	137	--	25.7	15.3	14.3	
Nickel	µg/L	Dissolved	13	38	--	44	49	64	66	58	72	250	24	20	--	11	5.6	39	
Nickel	µg/L	Total	7.5	45	--	44	53	64	64	58	88	290	22	16	--	11	5.9	41	
Selenium	µg/L	Dissolved	6.49	5.32	--	2.62	1.41	<1	1.15	<1	1.84	<1	1.13	4.67	--	3.79	3.52	2.76	
Selenium	µg/L	Total	3.11	6.89	--	2.26	1.27	<1	1.14	<1	1.88	1.06	<1	10.4	--	3.6	3.48	2.67	
Silver	µg/L	Dissolved	<1	<1	--	19.7	1.91	5.65	6.77	<1	<1	<1	<1	<1	--	<1	<1	7.14	
Silver	µg/L	Total	<1	<1	--	90.7	3.15	7.92	12.1	8.48	2.97	4.8	<1	<1	--	2.29	1.64	10.6	
Strontium	µg/L	Dissolved	457	489	--	232	184	160	190	189	255	330	1,050	1,100	--	371	411	417	
Strontium	µg/L	Total	555	539	--	225	176	156	183	194	303	348	1,000	1,010	--	362	430	424	
Thallium	µg/L	Dissolved	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	
Thallium	µg/L	Total	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	
Tin	µg/L	Dissolved	<1	<1	--	<1	<1	<1	<1	<1	6.94	<1	<1	<1	--	<1	<1	<1	
Tin	µg/L	Total	<1	<1	--	<1	<1	<1	<1	<1	48.9	<1	<1	<1	--	<1	<1	<1	
Titanium	µg/L	Dissolved	11.8	6.84	--	5.49	5.56	9.31	9.94	3.01	3.48	4.13	8.99	8.36	--	4.57	5.2	9.33	
Titanium	µg/L	Total	13.4	9.56	--	6.39	5.44	10.4	12.5	3.92	5.37	6.09	9.86	10.7	--	4.88	6.06	10.9	
Vanadium	µg/L	Dissolved	6.34	6.08	--	5.6	5.31	9.12	9.57	1.8	<1	2.98	5.55	6.02	--	6.58	3.42	7.01	
Vanadium	µg/L	Total	7.69	6.54	--	5.6	4.67	9.29	8.62	2.04	3.01	3.47	4.85	4.94	--	5.62	3.41	7.49	
Zinc	µg/L	Dissolved	12.2	17.7	--	<5	5.02	9.09	13	26.7	12	20.2	18.5	24.9	--	9.4	27.6	31.3	
Zinc	µg/L	Total	14.1	19.8	--	<5	<5	9.29	12.1	32.8	15.7	46.2	21.8	61.3	--	12	23.7	31.8	
Other Constituents																			
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Perchlorate	µg/L	N/A	--	--	<2	<2	<2	<2	<2	<2	<2	5.2	--	--	<2	<2	<2	<2	
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Volatile Organic Compounds																			
Methyl Bromide	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	<1	--	<1	<1	<1	<1	<0.5	<0.5	<0.5	7.3	6.4	--	<1	<1	<1	
Benzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Toluene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Ethylbenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
o-Xylene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
p/m-Xylene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,1,1-Trichloroethane	µg/L	N/A	8.8	8.4	--	18	9.1	15	5.4	7.4	4.2	2	11	17	--	13	3.3	17	

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-01										S-LS-02						
			02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/29/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/19/04	12/08/04	12/29/04	
			1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	1.4	1	--	1.6	0.56	0.84	0.57	0.58	0.77	<0.5	2.1	2	--	1.8	0.56	1.8	
1,1-Dichloroethylene	µg/L	N/A	2.4	2.5	--	3.7	1.8	2.5	0.97	1.1	0.62	<0.5	2.4	4.4	--	2.5	0.76	4.2	
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2-Dichloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,3-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,3-Dichloropropane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
1,4-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
2,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
2-Butanone (Methylethyl ketone)	µg/L	N/A	<1	<1	--	<1	<1	<1	<1	<2	<2	<2	<1	<1	--	<1	<1	1.2	
2-Chlorotoluene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
2-Hexanone	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
4-Chlorotoluene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<2	<2	--	<2	<2	<2	<2	<5	<5	<5	<2	<2	--	<2	<2	<2	
Acetone	µg/L	N/A	<2	<2	--	7.3	<2	<2	3.1	<10	<10	<10	29	30	--	13	12	20	
Acrylonitrile	µg/L	N/A	<2	<2	--	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	
Allyl Chloride	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Bromobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Bromochloromethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Bromoform	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Carbon disulfide	µg/L	N/A	54	12	--	<0.5	2.3	2.8	3.3	0.68	<0.5	<0.5	2.3	10	--	3.4	7.1	6.4	
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Chlorobenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Chloroethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Chloroform	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	0.62	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Dibromochloromethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Dibromomethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Diethyl Ether	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	--	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	
Ethanol	µg/L	N/A	<100	<100	--	<100	<100	<100	<100	<50	<50	<50	<100	<100	--	<100	<100	<100	
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	--	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Iodomethane	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Methyl Chloride	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	
Methyl Methacrylate	µg/L	N/A	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	--	<0.5	<0.5	<0.5	

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-01										S-LS-02						
			02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/29/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/19/04	12/08/04	12/29/04	
			Benzy alcohol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Biological Parameters																			
Heterotrophic Plate Count	CFU/mL	N/A	34,000	--	--	--	--	--	--	--	--	--	--	120,000	--	--	--	--	
Total Coliforms	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	--	--	<20	--	--	--	--	
Fecal Coliform	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	--	--	<20	--	--	--	--	
E. coli	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	--	--	<20	--	--	--	--	
Field Parameters																			
pH	pH units	N/A	--	--	--	7.98	--	7.85	--	--	--	--	--	--	--	--	7.63	7.30	7.42
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	--	22.6	--	17.2	--	--	--	--	--	--	--	--	21.4	19.8	17.0
Specific Conductance	µmhos/cm	N/A	--	--	--	920	--	623	--	--	--	--	--	--	--	--	1,593	1,121	930

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
 3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY
 Los Angeles and San Gabriel Rivers Watershed Council
 Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²																
			S-LS-03																
			02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	
General Monitoring Parameters																			
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromide	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	0.15	<0.1	--	0.14	<0.1	<0.1	<0.1	0.12	<0.1	<0.1	0.32	0.23	
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloride	mg/L	N/A	13	9.4	9.1	15	28	23	--	30	14	13	12	12	<10	23	35	21	
Chemical Oxygen Demand	mg/L	N/A	<5	<5	<5	11	<250	<5	--	35	<5	13	<5	<5	<5	180	--	<5	
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrate (as N)	mg/L	N/A	1.7	1.3	4.5	15	15	17	--	12	2.3	2.3	1.9	4	13	22	11	36	
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Total Kjeldahl Nitrogen	mg/L	Total	<0.5	<0.5	<0.5	<0.5	0.42	0.7	--	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	0.56	
Carbon, Total Organic	mg/L	N/A	2.5	2.2	1.6	3.6	7.6	3	--	3	1.9	1.7	1.6	1.5	1.3	2.6	--	3.2	
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrogen, Organic	mg/L	N/A	<0.5	<0.5	<0.5	<1	<0.5	0.7	--	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--	<0.5	
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.13	<0.16	<0.4	<0.2	<0.2	--	<0.1	<0.1	<0.2	<0.1	<0.13	<0.13	<0.5	--	0.28	
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phosphorus	mg/L	Dissolved	--	--	<0.03	0.6	--	--	--	--	--	--	--	1.4	0.78	0.53	--	--	
Phosphorus	mg/L	Total	0.67	0.37	0.28	0.95	0.49	14	--	<0.03	0.14	0.69	0.46	0.33	0.25	4.6	--	14	
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sulfate	mg/L	N/A	59	83	77	130	230	290	--	190	79	75	48	68	60	81	160	390	
Total Dissolved Solids	mg/L	N/A	2,200	610	650	626	940	1,000	--	700	420	440	350	356	438	474	740	1,300	
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Metals³																			
Aluminum	µg/L	Dissolved	<25	<25	<25	<25	<50	<50	--	<25	<25	<25	<25	<25	<25	<25	<25	<50	<50
Aluminum	µg/L	Total	<25	<25	<25	<25	<50	<50	--	<25	<25	<25	<25	<25	<25	<25	<25	<50	<50
Antimony	µg/L	Dissolved	4.39	1.54	1.6	<1	1.08	<1	--	1.15	<1	<1	<1	<1	<1	<1	<1	1.21	1.12
Antimony	µg/L	Total	4.31	1.72	1.65	1.27	2.31	1.21	--	1.27	1.3	<1	<1	<1	<1	<1	<1	1.12	1.6
Arsenic	µg/L	Dissolved	11.2	2.25	1.7	2.38	4.71	5.16	--	<0.5	<0.5	<0.5	0.701	<0.5	0.831	1.45	6.97	5.64	
Arsenic	µg/L	Total	11.3	2.77	1.93	2.21	5.56	6.65	--	<0.5	<0.5	0.798	0.563	<0.5	0.717	1.5	6.33	7.79	
Barium	µg/L	Dissolved	88.6	184	251	336	196	207	--	190	117	113	113	167	170	214	216	250	
Barium	µg/L	Total	88	209	251	348	207	228	--	194	126	112	106	179	169	230	218	284	
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Boron	µg/L	Dissolved	<50	85.7	68.8	74.6	131	113	--	112	104	120	64.1	107	96.1	103	92.8	86	
Boron	µg/L	Total	<50	97.3	74.3	79.4	126	155	--	113	109	117	73.6	116	101	109	84.9	118	
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.23	0.215
Cadmium	µg/L	Total	<0.2	<0.2	<0.2	<0.2	<0.2	0.218	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.215	0.293
Chromium	µg/L	Dissolved	25.1	12.7	4.89	16.3	1.39	1.38	13.4	18.9	11	18.6	21.3	12	4.04	11.5	1.6	2.52	
Chromium	µg/L	Total	27	15.2	5.33	18	2.17	1.56	--	19.2	12.3	18.9	21.1	12.7	9.63	12.9	1.58	3.53	
Chromium, Hexavalent	µg/L	Dissolved	20	13	23	20	--	--	12	26	15	17	20	13	11	16	--	--	

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²															
			S-LS-03															
			02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	
Cobalt	µg/L	Total	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	
Copper	µg/L	Dissolved	7.77	5.54	2.78	4.39	1.14	1.71	--	3.87	4.02	6.54	7.07	8.2	2.78	3.76	41.5	3.67
Copper	µg/L	Total	8.23	6.97	2.93	5.65	2.35	2.92	--	4.18	3.9	6.73	6.58	8.98	4.19	4.45	33.7	6.83
Iron	µg/L	Dissolved	<100	107	<100	148	<100	<100	--	<100	<100	<100	<100	142	132	160	<100	106
Iron	µg/L	Total	<100	162	104	264	150	226	--	<100	<100	165	<100	162	127	222	<100	160
Lead	µg/L	Dissolved	<0.5	<0.5	<0.5	<0.5	0.608	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.68	<0.5
Lead	µg/L	Total	<0.5	0.884	<0.5	4.48	1.51	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.771	1.48	<0.5
Manganese	µg/L	Dissolved	48.6	51.8	19.9	9.78	104	84.6	--	6.32	8.24	17.2	33	10.9	3.91	3.79	496	97.9
Manganese	µg/L	Total	50.1	59.6	21.1	11.5	75.4	85.8	--	7.35	8.76	17.6	32.1	11.4	7.92	4.62	519	145
Mercury	µg/L	Dissolved	--	<0.1	<0.1	--	--	<0.1	--	--	--	--	--	<0.1	<0.1	--	--	<0.1
Mercury	µg/L	Total	--	<0.1	<0.1	--	--	<0.1	--	--	--	--	--	<0.1	<0.1	--	--	<0.1
Molybdenum	µg/L	Dissolved	20.7	19.1	11.5	23.4	50.8	60.6	--	32.9	14.7	15.2	10.4	9.72	5.98	10.5	20.7	71.8
Molybdenum	µg/L	Total	21.3	20.3	11.8	25	51	64.6	--	33.7	15.7	14.9	10.3	10.3	9.16	11.5	20.4	85.2
Nickel	µg/L	Dissolved	150	47	19	25	11	9.1	--	16	5.6	11	23	18	6.7	11	49	15
Nickel	µg/L	Total	150	49	20	27	11	12	--	17	5.7	11	22	18	11	12	44	20
Selenium	µg/L	Dissolved	2.44	<1	<1	<1	3.24	6.3	--	2.73	<1	<1	<1	<1	<1	<1	<1	10.8
Selenium	µg/L	Total	2.53	<1	<1	1.33	4.74	10.1	--	2.85	1.39	1.04	<1	<1	<1	<1	<1	18.2
Silver	µg/L	Dissolved	5.87	3.2	3.05	<1	<1	<1	--	2.58	<1	9.69	6.18	5.48	<1	3.75	<1	<1
Silver	µg/L	Total	8.94	9.97	3.09	1.79	<1	<1	--	5.87	3.05	11.9	7.53	7.05	4.78	5.85	<1	<1
Strontium	µg/L	Dissolved	278	317	350	440	964	848	--	725	475	478	453	517	514	647	949	1,120
Strontium	µg/L	Total	285	361	363	452	965	999	--	745	511	471	431	545	526	693	944	1,390
Thallium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	7.01	<1	<1	<1
Titanium	µg/L	Dissolved	11	3.43	4.52	6.41	8.91	5.48	--	3.65	3.69	6.23	6.14	1.83	2.23	2.52	9.91	5.31
Titanium	µg/L	Total	10.7	5.27	4.06	8.82	7.25	11.7	--	4.02	4.15	7.6	6	2.03	2.38	3.96	10.4	10.5
Vanadium	µg/L	Dissolved	11	3.51	3.19	4.59	11.9	12.5	--	1.71	1.95	3.17	2.6	1.38	1.77	3.73	6.63	9.89
Vanadium	µg/L	Total	11.1	4.1	3.14	4.63	11.9	14.8	--	1.68	<1	2.85	2.4	1.65	1.64	4.24	6.37	11.6
Zinc	µg/L	Dissolved	25.3	44.6	41	62.7	18.6	17	--	<5	7.63	14.9	12.5	17	11.5	20.2	49.7	27.3
Zinc	µg/L	Total	24.3	43.8	42.7	128	18.8	59.8	--	14.2	8.37	27	8.58	15.6	12.7	42.7	52.5	38.8
Other Constituents																		
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Perchlorate	µg/L	N/A	<2	<2	<2	1.9	--	--	5.3	7.2	<2	<2	<2	<2	<2	3.3	--	--
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	<2	<2	<2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<0.5	<0.5
Volatile Organic Compounds																		
Methyl Bromide	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	<0.5	<0.5	<0.5	<1	<1	--	<1	<1	<1	<1	<0.5	<0.5	<0.5	1.3	1.2
Benzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	8.5	4.1	2.2	3.3	5.2	12	--	18	6.7	9.7	8	6.5	5.7	3.6	10	17

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²															
			S-LS-03															
			02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	1.8	<0.5	<0.5	<0.5	0.74	1.1	--	1.4	<0.5	0.73	<0.5	0.5	<0.5	<0.5	1.2	1.3
1,1-Dichloroethylene	µg/L	N/A	2.2	<0.5	<0.5	<0.5	1.3	3.5	--	4.1	2.1	2.7	2.5	1.2	0.79	0.59	2.3	4.4
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	0.97	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	<1	<2	<2	<2	<1	<1	--	<1	<1	<1	<1	<2	<2	<2	<1	<1
2-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	<0.5	<5	<5	<5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5
4-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<2	<5	<5	<5	<2	<2	--	<2	<2	<2	<2	<5	<5	<5	<2	<2
Acetone	µg/L	N/A	6.4	<10	<10	<10	<2	<2	--	<2	2	4.4	<2	<10	<10	<10	5.5	<2
Acrylonitrile	µg/L	N/A	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Allyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	1.6	1	<0.5	<0.5	76	5.6	--	<0.5	0.89	0.78	0.8	<0.5	<0.5	<0.5	0.99	0.95
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Ethanol	µg/L	N/A	<100	<50	<50	<50	<100	<100	--	<100	<100	<100	<100	<50	<50	<50	<100	<100
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	<5	<5	<5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²															
			S-LS-03															
			02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04
Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Biological Parameters																		
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	28,000	--	--	--	--	--	--	--	--	--	--	
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	<20	--	--	--	--	--	--	--	--	--	--	
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	<20	--	--	--	--	--	--	--	--	--	--	
E. coli	MPN/100 mL	N/A	--	--	--	--	<20	--	--	--	--	--	--	--	--	--	--	
Field Parameters																		
pH	pH units	N/A	--	--	--	--	--	--	--	7.49	7.49	7.18	--	--	--	--	--	
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	--	--	--	--	--	18.5	18.0	13.5	--	--	--	--	--	
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	980	662	366	--	--	--	--	--	

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micro-mhos per centimeter
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated as --
 3. In cases in which the filtered concentrations exceeded the total, the differences are indicated as --

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-04								S-LS-05						
			04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	12/08/04	12/28/04	02/12/05	01/04/06	02/28/06	02/23/07	
			General Monitoring Parameters														
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromide	mg/L	N/A	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.29	<0.2	<0.1	<0.1	<0.1	0.11
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	mg/L	N/A	--	8.1	9.6	10	16	<10	<10	9.5	66	34	81	11	11	9.7	
Chemical Oxygen Demand	mg/L	N/A	--	15	<5	15	<5	<5	<5	18	13	51	15	5.1	5	180	
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	--	5.3	0.69	0.43	1.4	8.5	21	3.6	<0.2	0.77	0.72	<0.1	<0.1	7.5	
Nitrite (as N)	mg/L	N/A	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	0.19	<0.1	<0.1	0.19
Total Kjeldahl Nitrogen	mg/L	Total	--	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	6.7	0.98	<0.5	0.42	0.84	
Carbon, Total Organic	mg/L	N/A	--	1.3	1.9	2	1.9	1.2	2.3	3.8	9.3	3.3	4.5	3.5	2.7	4.5	
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nitrogen, Organic	mg/L	N/A	--	<1	<0.5	<0.5	<0.5	<0.5	<0.5	--	0.98	6.7	0.98	<0.5	<0.5	0.84	
Ammonia-Nitrogen	mg/L	Total	--	<0.1	<0.1	<0.2	<0.1	<0.13	<0.13	--	0.28	<0.2	<0.1	<0.16	0.27	<0.2	
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	0.17	0.16	--	--	--	--	--	--	--	
Phosphorus	mg/L	Total	--	<0.03	0.065	0.21	0.7	0.23	0.26	4.7	0.46	1.1	0.55	0.54	0.22	3.1	
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sulfate	mg/L	N/A	--	120	52	60	50	76	82	66	3,000	1,800	270	71	79	75	
Total Dissolved Solids	mg/L	N/A	--	410	410	430	310	524	538	382	4,500	2,900	810	740	630	590	
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Metals³																	
Aluminum	µg/L	Dissolved	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Aluminum	µg/L	Total	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Antimony	µg/L	Dissolved	--	1.21	<1	<1	<1	<1	<1	<1	1.22	<1	3.3	<1	<1	1.22	
Antimony	µg/L	Total	--	1.33	<1	<1	<1	<1	<1	<1	1.27	<1	3.36	<1	<1	1.31	
Arsenic	µg/L	Dissolved	--	2.51	2.36	2.92	2.16	0.765	1.16	1.6	3.17	20.8	31.2	2.06	1.34	0.91	
Arsenic	µg/L	Total	--	2.18	1.84	2.88	1.96	1.16	1.09	1.82	3.12	21	30.6	3.29	0.97	1.2	
Barium	µg/L	Dissolved	--	206	142	146	131	385	408	254	114	77.6	37.4	199	215	238	
Barium	µg/L	Total	--	195	150	155	132	448	411	263	125	82.6	39.3	245	205	258	
Beryllium	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Beryllium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Boron	µg/L	Dissolved	--	122	118	139	70	95.8	94.6	99.3	88.7	90.5	65.4	97.5	89.5	105	
Boron	µg/L	Total	--	120	122	150	76.6	90.9	90.7	108	91.2	94.9	68.3	153	91.1	117	
Cadmium	µg/L	Dissolved	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.586	0.428	0.2	<0.2	<0.2	<0.2	
Cadmium	µg/L	Total	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.672	0.508	0.22	<0.2	<0.2	<0.2	
Chromium	µg/L	Dissolved	4.45	3.73	3.48	6.81	1.62	2.24	5.14	7.32	<1	1.94	2.17	<1	<1	<1	
Chromium	µg/L	Total	--	3.73	4.33	7.43	2.36	3.59	4.79	7.56	2.86	3.67	4.01	9.94	1.19	2.87	
Chromium, Hexavalent	µg/L	Dissolved	3	4.6	4.7	5.5	1.3	3.4	6.3	11	<0.2	1	0.8	<0.2	<0.2	0.36	

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-04								S-LS-05						
			04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	12/08/04	12/28/04	02/12/05	01/04/06	02/28/06	02/23/07	
			Cobalt	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	1.08	<1	<1
Cobalt	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	1.14	<1	<1	1.33	<1	1.31
Copper	µg/L	Dissolved	--	3.07	2.74	4.87	6.72	4.75	3.11	2.47	2.3	3.76	5.19	<1	<1	<1	1.86
Copper	µg/L	Total	--	3.36	3.22	5.46	7.21	5.98	3	3.24	2.4	3.49	5.99	1.63	1.24	3.11	
Iron	µg/L	Dissolved	--	<100	<100	109	<100	194	191	<100	<100	132	177	168	132	<100	
Iron	µg/L	Total	--	<100	<100	205	<100	270	197	169	105	268	399	2030	225	236	
Lead	µg/L	Dissolved	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.838	<0.5	<0.5	<0.5	
Lead	µg/L	Total	--	<0.5	<0.5	0.571	<0.5	0.82	<0.5	0.956	0.582	3.57	3.35	2.29	1.31	1.36	
Manganese	µg/L	Dissolved	--	2.59	48.4	44.5	42.1	6.25	4.39	2.91	1,280	3	8.14	351	205	145	
Manganese	µg/L	Total	--	3.04	50.9	46.8	43.2	8.05	4.37	4.55	1,310	179	70.7	432	204	201	
Mercury	µg/L	Dissolved	--	--	--	--	--	<0.1	<0.1	--	--	--	<0.1	<0.1	<0.1	--	
Mercury	µg/L	Total	--	--	--	--	--	<0.1	<0.1	--	--	--	<0.1	<0.1	<0.1	--	
Molybdenum	µg/L	Dissolved	--	35.2	10.2	11.9	5.48	6.43	5.5	8.44	291	248	117	11.4	10.6	6.84	
Molybdenum	µg/L	Total	--	33.2	10.7	12.5	5.53	7.46	5.23	9.39	322	256	120	16.4	9.58	8.01	
Nickel	µg/L	Dissolved	--	37	11	16	26	29	16	10	38	27	21	31	25	34	
Nickel	µg/L	Total	--	36	11	17	26	32	15	12	39	30	22	35	24	40	
Selenium	µg/L	Dissolved	--	2.99	1.04	<1	<1	<1	<1	<1	1.38	7.01	2.84	<1	<1	1.06	
Selenium	µg/L	Total	--	2.51	<1	1.1	<1	<1	<1	<1	1.64	7.2	2.93	<1	<1	3.36	
Silver	µg/L	Dissolved	--	2.02	1.54	4.87	3.05	6.09	<1	2.09	<1	<1	1.74	<1	<1	<1	
Silver	µg/L	Total	--	5.92	6.32	7.37	5.41	8.98	1.54	4.67	<1	<1	2.32	<1	<1	<1	
Strontium	µg/L	Dissolved	--	665	417	434	386	666	747	445	2,110	722	387	468	496	505	
Strontium	µg/L	Total	--	633	436	459	397	774	729	501	2,370	752	394	645	491	545	
Thallium	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Thallium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Tin	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Tin	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.64	<1	
Titanium	µg/L	Dissolved	--	4.19	4.42	7.71	5.7	2.18	2.58	3.19	5.12	9.64	11.6	3.71	3.43	3.43	
Titanium	µg/L	Total	--	4.23	4.53	10.8	6.05	3.19	2.41	3.55	6.04	12.6	14	4.49	3.41	4.8	
Vanadium	µg/L	Dissolved	--	2.35	1.46	3.29	2.98	<1	1.11	3.04	1.6	1.9	1.13	<1	<1	3.89	
Vanadium	µg/L	Total	--	2.23	1.13	3.34	2.62	1.55	1.19	3.4	1.48	2.03	<1	<1	<1	4.52	
Zinc	µg/L	Dissolved	--	18.7	21.2	28.7	21	49.9	42	39.3	9.65	28.6	7.37	17.3	21.4	17.9	
Zinc	µg/L	Total	--	17.7	20.2	39.6	22.5	89.3	39.4	35.5	10.2	38.2	16.2	34.4	23.6	95.2	
Other Constituents																	
Oil and Grease	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Perchlorate	µg/L	N/A	2.4	<2	<2	<2	<2	<2	4.2	2.1	<2	<2	<2	<2	<2	0.74	
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Glyphosate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<10	<0.5	<10	<2	<2	<2	
Volatile Organic Compounds																	
Methyl Bromide	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	--	<1	<1	<0.5	<1	<0.5	<0.5	<0.5	<20	<1	<20	<0.5	<0.5	<0.5	
Benzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
Toluene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
Ethylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
o-Xylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
p/m-Xylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
Trichloroethylene (TCE)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
Tetrachloroethylene (PCE)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
1,1,1,2-Tetrachloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	
1,1,1-Trichloroethane	µg/L	N/A	--	14	8.3	4.9	3.7	3.7	3.3	3.4	<10	1.4	<10	1	1.6	1.6	

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-04								S-LS-05						
			04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	12/08/04	12/28/04	02/12/05	01/04/06	02/28/06	02/23/07	
			1,1,2,2-Tetrachloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	--	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	N/A	--	3.3	2.6	1.3	1.3	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	0.61	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	--	<1	<1	<1	<1	<2	<2	<2	<2	<20	85	670	<2	3.8	7.6
2-Chlorotoluene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<10	6.5	<10	11	<5	<5
4-Chlorotoluene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	--	<2	<2	<2	<2	<5	<5	<5	<5	<40	<2	<40	<5	<5	<5
Acetone	µg/L	N/A	--	2.6	2.6	4.5	<2	<10	<10	<10	<10	56	290	2200	35	51	160
Acrylonitrile	µg/L	N/A	--	<2	<2	<2	<2	<2	<2	<2	<2	<40	<2	<40	<2	<2	<2
Allyl Chloride	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	--	0.61	1.1	0.57	2.2	0.74	<0.5	<0.5	<0.5	<10	1.8	<10	0.77	0.68	1.6
Carbon Tetrachloride	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	2.1	<10	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	--	<2	<2	<2	<2	<2	<2	<2	<2	<40	<2	<40	<2	<2	<2
Ethanol	µg/L	N/A	--	<100	<100	<100	<100	<50	<50	<50	<50	<2,000	<100	<2,000	<50	<50	<50
Ethyl Methacrylate	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	--	<2	<2	<2	<2	<2	<2	<2	<2	<40	<2	<40	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	--	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<10	<0.5	<10	<5	<5	<5

LYSIMETER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	S-LS-04								S-LS-05					
			04/03/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	12/08/04	12/28/04	02/12/05	01/04/06	02/28/06	02/23/07
			Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Biological Parameters																
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Parameters																
pH	pH units	N/A	--	7.73	7.47	8.23	--	--	--	--	--	8.42	--	--	--	--
Temperature (degrees Celsius)	degrees Celsius	N/A	--	16.9	18.2	13.0	--	--	--	--	--	17.0	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	787	630	501	--	--	--	--	--	3,550	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micro-mhos per centimeter
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated as --
 3. In cases in which the filtered concentrations exceeded the total, the differences are indicated as --

GROUNDWATER ANALYTICAL RESULTS – SUN VALLEY

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²		
			EV-10		
			05/25/04	03/15/05	10/20/05
General Monitoring Parameters					
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	290	280	250
Bicarbonate (as CaCO ₃)	mg/L	N/A	290	280	250
Bromide	mg/L	N/A	0.12	0.12	0.17
Calcium	mg/L	Total	82.3	93.4	87.9
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1
Chloride	mg/L	N/A	25	26	25
Chemical Oxygen Demand	mg/L	N/A	5	5.1	<5
Fluoride	mg/L	N/A	0.41	0.7	0.58
Hardness (as CaCO ₃)	mg/L	Total	310	320	290
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1
Magnesium	mg/L	Total	22.8	23.1	19.7
MBAS (Surfactants)	mg/L	N/A	<0.1	<0.1	<0.1
Nitrate (as N)	mg/L	N/A	2.1	1.7	2
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	0.14	<0.5	<0.5
Carbon, Total Organic	mg/L	N/A	1.2	1.3	1.2
Carbon, Dissolved Organic	mg/L	N/A	3.4	3.4	2
Nitrogen, Organic	mg/L	N/A	<0.5	<0.5	<0.5
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.1	<0.1
pH	pH units	N/A	7.21	7.09	7.19
Phosphorus	mg/L	Dissolved	0.051	0.045	0.16
Phosphorus	mg/L	Total	0.11	0.44	0.46
Potassium	mg/L	Total	4.86	4.88	5.08
Sodium	mg/L	Total	34.9	33.2	36
Specific Conductance	µmhos/cm	N/A	710	670	650
Sulfate	mg/L	N/A	190	60	82
Total Dissolved Solids	mg/L	N/A	430	420	400
Total Suspended Solids	mg/L	N/A	14	1.5	<1
Turbidity	NTU	N/A	63	23	9.7
Metals³					
Aluminum	µg/L	Dissolved	<50	<25	<25
Aluminum	µg/L	Total	<50	<25	<25
Antimony	µg/L	Dissolved	<1	<1	<1
Antimony	µg/L	Total	<1	<1	1.07
Arsenic	µg/L	Dissolved	<0.5	0.879	<0.5
Arsenic	µg/L	Total	<0.5	0.849	0.949
Barium	µg/L	Dissolved	91	88.6	95.1
Barium	µg/L	Total	105	96.9	108
Beryllium	µg/L	Dissolved	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1
Boron	µg/L	Dissolved	178	134	148
Boron	µg/L	Total	188	131	147

GROUNDWATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²		
			EV-10		
			05/25/04	03/15/05	10/20/05
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	1.17	<1	<1
Chromium	µg/L	Total	1.78	<1	5.4
Chromium, Hexavalent	µg/L	Dissolved	0.23	0.26	0.62
Cobalt	µg/L	Dissolved	<1	<1	<1
Cobalt	µg/L	Total	<1	<1	<1
Copper	µg/L	Dissolved	1.03	1.13	2.67
Copper	µg/L	Total	5.25	4	4.95
Iron	µg/L	Dissolved	<100	<100	180
Iron	µg/L	Total	3,990	2,180	7830
Lead	µg/L	Dissolved	<0.5	<0.5	<0.5
Lead	µg/L	Total	1.07	0.652	1.35
Manganese	µg/L	Dissolved	10.5	5.47	8.84
Manganese	µg/L	Total	14.9	9.17	40.4
Mercury	µg/L	Dissolved	<0.1	<0.1	<0.1
Mercury	µg/L	Total	<0.1	<0.1	<0.1
Molybdenum	µg/L	Dissolved	5.77	6.12	6.54
Molybdenum	µg/L	Total	6.07	6.29	6.42
Nickel	µg/L	Dissolved	3.7	<2	3
Nickel	µg/L	Total	3.2	<2	4.8
Selenium	µg/L	Dissolved	<1	<1	<1
Selenium	µg/L	Total	<1	<1	<1
Silver	µg/L	Dissolved	<1	<1	<1
Silver	µg/L	Total	<1	<1	<1
Strontium	µg/L	Dissolved	772	742	817
Strontium	µg/L	Total	806	761	785
Thallium	µg/L	Dissolved	<1	<1	<1
Thallium	µg/L	Total	<1	<1	<1
Tin	µg/L	Dissolved	<1	<1	<1
Tin	µg/L	Total	<1	<1	10.3
Titanium	µg/L	Dissolved	2.56	2.09	1.51
Titanium	µg/L	Total	3.01	2.35	2.54
Vanadium	µg/L	Dissolved	<1	3.19	1.97
Vanadium	µg/L	Total	2.54	3.87	5.69
Zinc	µg/L	Dissolved	14.2	61.6	15.2
Zinc	µg/L	Total	40.8	42.7	67.9
Other Constituents					
Oil and Grease	mg/L	N/A	< 1	<1	--
Perchlorate	µg/L	N/A	< 2	<2	<2
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	<0.01	--	--
Glyphosate	µg/L	N/A	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	<0.5	<2
Volatile Organic Compounds					
Methyl Bromide	µg/L	N/A	<0.5	<0.5	<0.5

GROUNDWATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²		
			EV-10		
			05/25/04	03/15/05	10/20/05
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	<1	<0.5
Benzene	µg/L	N/A	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	1.2	1.2	8.4
Tetrachloroethylene (PCE)	µg/L	N/A	4.1	4.9	2.6
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	3.5	3.6	0.96
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	<0.5	0.64	<0.5
1,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	<1	<1	<2
2-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	<0.5	<0.5	<5
4-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<2	<2	<5
Acetone	µg/L	N/A	<2	2.5	<10
Acrylonitrile	µg/L	N/A	<2	<2	<2
Allyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	<0.5	<0.5	<0.5
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	<0.5	<0.5	<0.5

GROUNDWATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²		
			EV-10		
			05/25/04	03/15/05	10/20/05
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	5.1	5.8	4.1
Diethyl Ether	µg/L	N/A	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	<2
Ethanol	µg/L	N/A	<100	<100	<50
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	<0.5	<5
Methylene Chloride	µg/L	N/A	0.81	0.73	<2
Naphthalene	µg/L	N/A	<0.5	<0.5	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
Styrene	µg/L	N/A	<0.5	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<1	<5
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	1.1	1.1	0.75
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds					
1-Methylnaphthalene	µg/L	N/A	<10	--	--
2,4,5-Trichlorophenol	µg/L	N/A	<10	--	--
2,4,6-Trichlorophenol	µg/L	N/A	<10	--	--
2,4-Dichlorophenol	µg/L	N/A	<10	--	--
2,4-Dimethylphenol	µg/L	N/A	<10	--	--
2,4-Dinitrophenol	µg/L	N/A	<50	--	--
2,4-Dinitrotoluene	µg/L	N/A	<10	--	--
2,6-Dinitrotoluene	µg/L	N/A	<10	--	--
2-Chloronaphthalene	µg/L	N/A	<10	--	--
2-Chlorophenol	µg/L	N/A	<10	--	--
2-Methylnaphthalene	µg/L	N/A	<10	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	<10	--	--
2-Nitroaniline	µg/L	N/A	<10	--	--
2-Nitrophenol	µg/L	N/A	<10	--	--

GROUNDWATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²		
			EV-10		
			05/25/04	03/15/05	10/20/05
3,3'-Dichlorobenzidine	µg/L	N/A	<25	--	--
3-Nitroaniline	µg/L	N/A	<10	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	<50	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	<10	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	<10	--	--
4-Chloroaniline	µg/L	N/A	<10	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	<10	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	<10	--	--
4-Nitroaniline	µg/L	N/A	<10	--	--
4-Nitrophenol	µg/L	N/A	<10	--	--
Acenaphthene	µg/L	N/A	<10	--	--
Acenaphthylene	µg/L	N/A	<10	--	--
Aniline	µg/L	N/A	<10	--	--
Anthracene	µg/L	N/A	<10	--	--
Azobenzene	µg/L	N/A	<10	--	--
Benzidine	µg/L	N/A	<50	--	--
Benzo (a) Anthracene	µg/L	N/A	<10	--	--
Benzo (a) Pyrene	µg/L	N/A	<10	--	--
Benzo (b) Fluoranthene	µg/L	N/A	<10	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	<10	--	--
Benzo (k) Fluoranthene	µg/L	N/A	<10	--	--
Benzoic acid	µg/L	N/A	<50	--	--
Benzyl alcohol	µg/L	N/A	<10	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	<10	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	<25	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	<10	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	<10	--	--
Butyl Benzyl Phthalate	µg/L	N/A	<10	--	--
Chrysene	µg/L	N/A	<10	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	<10	--	--
Dibenzofuran	µg/L	N/A	<10	--	--
Diethyl Phthalate	µg/L	N/A	<10	--	--
Dimethyl Phthalate	µg/L	N/A	<10	--	--
Di-n-Butyl Phthalate	µg/L	N/A	<10	--	--
Di-n-Octyl Phthalate	µg/L	N/A	<10	--	--
Fluoranthene	µg/L	N/A	<10	--	--
Fluorene	µg/L	N/A	<10	--	--
Hexachlorobenzene	µg/L	N/A	<10	--	--
Hexachlorocyclopentadiene	µg/L	N/A	<25	--	--
Hexachloroethane	µg/L	N/A	<10	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	<10	--	--
Isophorone	µg/L	N/A	<10	--	--
Nitrobenzene	µg/L	N/A	<25	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	--	--
N-Nitrosodiphenylamine	µg/L	N/A	<10	--	--
Pentachlorophenol	µg/L	N/A	<10	--	--

GROUNDWATER ANALYTICAL RESULTS – SUN VALLEY

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²		
			EV-10		
			05/25/04	03/15/05	10/20/05
Phenanthrene	µg/L	N/A	<10	--	--
Phenol	µg/L	N/A	<10	--	--
Pyrene	µg/L	N/A	<10	--	--
Pyridine	µg/L	N/A	<10	--	--
Biological Parameters					
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--
Field Parameters					
pH	pH units	N/A	--	--	--
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

STORM WATER ANALYTICAL RESULTS – VETERANS PARK

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²									
			V-SW-01					V-SW-02				
			02/02/04	02/18/04	10/20/04	12/28/04	02/11/05	02/02/04	02/18/04	10/20/04	12/28/04	02/11/05
General Monitoring Parameters												
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	12	11	12	26	24	45	33	30	34	40
Bicarbonate (as CaCO ₃)	mg/L	N/A	12	11	12	26	24	45	33	30	34	40
Bromide	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Calcium	mg/L	Total	2.38	3.49	2.99	12.6	5.21	5.58	6.05	11.1	19.2	7.78
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	1.6	3.4	5.4	26	7.3	9.4	8.5	22	31	5.2
Chemical Oxygen Demand	mg/L	N/A	62	140	53	530	250	410	420	150	690	270
Fluoride	mg/L	N/A	<0.1	<0.1	<0.1	0.17	<0.1	0.16	0.24	0.32	0.46	<0.1
Hardness (as CaCO ₃)	mg/L	Total	10	14	30	64	38	22	72	80	96	58
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	0.534	0.737	0.89	5.99	1.3	2.79	2	4.31	7.8	2.33
MBAS (Surfactants)	mg/L	N/A	0.24	0.77	0.3	1.1	0.55	0.11	0.69	0.28	0.77	0.37
Nitrate (as N)	mg/L	N/A	0.22	0.34	0.26	0.95	0.11	0.41	0.89	0.91	1.9	<0.1
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	2.5	2.9	2.8	7.1	10	4.6	6	4.2	6.6	6.2
Carbon, Total Organic	mg/L	N/A	14	26	10	180	47	160	150	16	180	65
Carbon, Dissolved Organic	mg/L	N/A	12	26	13	160	43	150	150	17	160	50
Nitrogen, Organic	mg/L	N/A	1.9	1.4	2.2	5.5	9.1	4	4.9	3.3	4.8	6
Ammonia-Nitrogen	mg/L	Total	0.6	1.5	0.63	1.6	0.91	0.63	1.1	0.91	1.8	0.21
pH	pH units	N/A	6.77	7.01	5.92	6.33	6.04	6.68	6.61	6.3	6.62	6.3
Phosphorus	mg/L	Dissolved	0.26	0.22	0.39	1.4	0.69	0.5	0.47	0.72	1.2	0.71
Phosphorus	mg/L	Total	0.29	0.52	0.64	1.9	0.73	0.51	5.9	0.75	2.1	1.3
Potassium	mg/L	Total	2.96	3.77	5.67	21.2	8.8	31.3	24.1	6.34	27.4	12.6
Sodium	mg/L	Total	1.26	2.88	3.74	14.5	3.59	7.9	5.91	21	26.8	5.27
Specific Conductance	µmhos/cm	N/A	40	68	64	260	82	190	180	220	390	110
Sulfate	mg/L	N/A	2.6	4.1	4.2	15	2.3	13	9.3	25	34	2.9
Total Dissolved Solids	mg/L	N/A	20	68	93	290	94	170	290	130	470	140
Total Suspended Solids	mg/L	N/A	22	72	20	180	390	42	89	210	130	210
Turbidity	NTU	N/A	13	31	18	55	51	28	54	52	84	74
Metals³												
Aluminum	µg/L	Dissolved	<50	<50	<25	67.7	<25	<50	86.4	80.3	120	53.2
Aluminum	µg/L	Total	318	707	302	2,140	1,310	491	948	2,050	2,740	626
Antimony	µg/L	Dissolved	<1	1.24	<1	<1	1.16	<1	1.57	1.51	<1	<1
Antimony	µg/L	Total	<1	1.79	1.04	<1	2.22	<1	2.34	1.46	<1	1.47
Arsenic	µg/L	Dissolved	<0.5	<0.5	<0.5	1.03	<0.5	<0.5	<0.5	<0.5	1.94	1.01
Arsenic	µg/L	Total	0.55	<0.5	<0.5	1.79	0.809	0.935	0.584	1.17	2.54	1.15
Barium	µg/L	Dissolved	3.94	8.1	4.23	23.4	11.9	11	125	18	35.3	14.3
Barium	µg/L	Total	15.1	30.6	13	64.3	46.4	20.6	41	72.7	73.3	28.9
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	55.3	<50	<50	80.3	58.2	138	135	70	120	92
Boron	µg/L	Total	<50	<50	<50	81.3	<50	142	119	67.8	178	120
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.316	<0.2
Cadmium	µg/L	Total	<0.2	0.214	<0.2	0.513	0.413	<0.2	0.291	0.51	0.608	0.221
Chromium	µg/L	Dissolved	<1	<1	1.45	3.12	<1	2.01	2.35	2.2	4.66	1.3

STORM WATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²									
			V-SW-01					V-SW-02				
			02/02/04	02/18/04	10/20/04	12/28/04	02/11/05	02/02/04	02/18/04	10/20/04	12/28/04	02/11/05
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Naphthalene	µg/L	N/A	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Styrene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds												
1-Methylnaphthalene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2,4,5-Trichlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2,4,6-Trichlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2,4-Dichlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2,4-Dimethylphenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2,4-Dinitrophenol	µg/L	N/A	<50	<50	--	--	--	<50	<50	--	--	--
2,4-Dinitrotoluene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2,6-Dinitrotoluene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2-Chloronaphthalene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2-Chlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2-Methylnaphthalene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2-Nitroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
2-Nitrophenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
3,3'-Dichlorobenzidine	µg/L	N/A	<25	<25	--	--	--	<25	<25	--	--	--
3-Nitroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	<50	<50	--	--	--	<50	<50	--	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
4-Chloroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
4-Nitroaniline	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
4-Nitrophenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Acenaphthene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Acenaphthylene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Aniline	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--

STORM WATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²									
			V-SW-01					V-SW-02				
			02/02/04	02/18/04	10/20/04	12/28/04	02/11/05	02/02/04	02/18/04	10/20/04	12/28/04	02/11/05
Anthracene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Azobenzene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Benzidine	µg/L	N/A	<50	<50	--	--	--	<50	<50	--	--	--
Benzo (a) Anthracene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Benzo (a) Pyrene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Benzo (b) Fluoranthene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Benzo (k) Fluoranthene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Benzoic acid	µg/L	N/A	<50	<50	--	--	--	<50	<50	--	--	--
Benzyl alcohol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	<25	<25	--	--	--	<25	<25	--	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	<10	18	--	--	--	<10	20	--	--	--
Butyl Benzyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Chrysene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Dibenz (a,h) Anthracene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Dibenzofuran	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Diethyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Dimethyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Fluoranthene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Fluorene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Hexachlorobenzene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	<25	<25	--	--	--	<25	<25	--	--	--
Hexachloroethane	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Isophorone	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Nitrobenzene	µg/L	N/A	<25	<25	--	--	--	<25	<25	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
N-Nitrosodiphenylamino	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Pentachlorophenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Phenanthrene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Phenol	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Pyrene	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Pyridine	µg/L	N/A	<10	<10	--	--	--	<10	<10	--	--	--
Biological Parameters												
Heterotrophic Plate Count	CFU/mL	N/A	>3,000	--	--	--	--	>3,000	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	30,000	--	--	--	--	30,000	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	<200	--	--	--	--	700	--	--	--	--
E. coli	MPN/100 mL	N/A	200	--	--	--	--	100	--	--	--	--
Field Parameters												
pH	pH units	N/A	--	--	8.42	7.17	--	--	--	8.20	7.0	--
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	18.9	14.12	--	--	--	18.6	14.8	--
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.

STORM WATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²											
			V-SW-01					V-SW-02						
			02/02/04	02/18/04	10/20/04	12/28/04	02/11/05	02/02/04	02/18/04	10/20/04	12/28/04	02/11/05		

2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
 3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – VETERANS PARK

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²														
			V-LS-01							V-LS-02							
			02/04/04	02/19/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	10/20/04	12/08/04	12/28/04	02/12/05
General Monitoring Parameters																	
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromide	mg/L	N/A	0.98	1.4	0.27	0.19	0.19	0.13	<0.1	0.14	0.16	1.6	2.2	1	0.86	0.66	0.66
Calcium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	mg/L	N/A	240	240	130	120	99	12	49	52	63	430	440	230	210	200	180
Chemical Oxygen Demand	mg/L	N/A	<5	13	20	13	23	13	<5	15	160	69	72	250	94	56	41
Fluoride	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate (as N)	mg/L	N/A	2	1.7	4.4	3.8	2.4	1.6	0.12	<0.1	0.24	8.7	8.9	3.9	2.4	1.4	0.91
Nitrite (as N)	mg/L	N/A	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	1.1	0.84	1.4	0.56	0.7	0.7	0.98	0.98	<0.5	2.5	3.4	1.4	1.1	2	0.98
Carbon, Total Organic	mg/L	N/A	30	8.9	3.6	8.4	7.4	7.2	7.1	5.5	8.7	53	30	22	19	25	19
Carbon, Dissolved Organic	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen, Organic	mg/L	N/A	0.54	0.84	1.4	0.56	0.7	0.7	0.98	0.98	<0.5	1.9	3.4	1.4	1.1	2	0.98
Ammonia-Nitrogen	mg/L	Total	0.56	<0.2	<0.1	<0.1	<0.2	<0.1	<0.13	<0.15	<0.2	0.56	<0.2	<0.1	<0.1	<0.2	<0.1
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	mg/L	Total	9	9.4	<0.03	0.2	0.73	0.74	0.83	0.75	3.3	9.2	10	<0.03	0.8	0.36	0.69
Potassium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	mg/L	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/L	N/A	790	740	480	340	300	79	230	230	210	1,500	1,600	950	730	750	680
Total Dissolved Solids	mg/L	N/A	2,700	2,600	610	1,600	1,500	1,300	1170	1260	1180	4,000	3,900	2,800	2,700	2,600	2,200
Total Suspended Solids	mg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals³																	
Aluminum	µg/L	Dissolved	<50	<50	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<25	<25	<25
Aluminum	µg/L	Total	<50	<50	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<25	<25	<25
Antimony	µg/L	Dissolved	5.91	5.4	4.33	5.24	1.26	3.85	3.83	3.21	2.81	2.49	2.75	3.04	3.3	<1	2.57
Antimony	µg/L	Total	5.89	6.36	4.59	5.09	1.47	3.99	3.83	3.4	2.93	2.82	3.06	3.14	2.96	<1	2.63
Arsenic	µg/L	Dissolved	29	24.7	16.1	17.5	16.6	17.3	22.4	15.8	17.5	7.56	8.16	5.76	5.34	6.41	6.37
Arsenic	µg/L	Total	28.7	29.3	16	17.2	16.7	18.7	22.8	15.3	17.8	6.09	9.28	6.78	5.22	6.63	6.45
Barium	µg/L	Dissolved	34.3	33.2	24.3	22.6	18.8	21.4	18.4	19.5	24.1	51.4	49.3	49	51.4	51.4	60
Barium	µg/L	Total	32.7	39.4	24.8	24	19.9	22.5	18	21.3	26.2	51.5	53.5	49.3	49.4	53.1	60.2
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	547	673	476	443	435	389	323	316	332	650	976	1,180	867	1,000	1,150
Boron	µg/L	Total	547	772	488	436	538	354	450	370	336	694	1,060	1,190	831	1,110	1,140
Cadmium	µg/L	Dissolved	0.401	0.355	0.25	0.248	0.23	0.24	0.399	0.4	0.301	0.277	0.306	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	0.352	0.435	0.259	0.253	0.247	0.248	0.434	0.434	0.331	0.29	0.364	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	2.77	2.41	2.03	1.91	1.71	1.93	<1	<1	<1	1.25	1.18	<1	<1	<1	1.15
Chromium	µg/L	Total	1.92	2.91	2.01	2.24	2.34	1.98	<1	<1	<1	<1	1.27	<1	1.07	1.4	1.13
Chromium, Hexavalent	µg/L	Dissolved	--	1.3	0.88	0.89	1	0.98	0.38	<0.2	0.28	--	--	<0.2	<0.2	<0.2	<0.2
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.17	1.05	<1	<1	<1	<1
Cobalt	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.18	1.19	<1	<1	<1	<1

LYSIMETER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²													
			V-LS-01							V-LS-02						
			02/04/04	02/19/04	10/20/04	12/08/04	12/28/04	02/12/05	01/03/06	02/28/06	02/23/07	02/04/04	02/19/04	10/20/04	12/08/04	12/28/04
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Biological Parameters																
Heterotrophic Plate Count	CFU/mL	N/A	2,800	--	--	--	--	--	--	--	--	6,500	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	<20	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	<20	--	--	--	--
E. coli	MPN/100 mL	N/A	<20	--	--	--	--	--	--	--	--	<20	--	--	--	--
Field Parameters																
pH	pH units	N/A	--	--	6.97	7.60	7.79	--	--	--	--	--	--	7.32	6.63	7.31
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	20.9	5.5	22.2	--	--	--	--	--	--	19.4	9.8	22.7
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	1,500	1,130	930	--	--	--	--	--	--	1,960	1,780	1,440

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
 3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

LYSIMETER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction			
			01/03/06	02/28/06	02/23/07
General Monitoring Parameters					
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	--	--	--
Bicarbonate (as CaCO ₃)	mg/L	N/A	--	--	--
Bromide	mg/L	N/A	0.36	0.29	0.39
Calcium	mg/L	Total	--	--	--
Carbonate (as CaCO ₃)	mg/L	N/A	--	--	--
Chloride	mg/L	N/A	89	86	82
Chemical Oxygen Demand	mg/L	N/A	41	46	170
Fluoride	mg/L	N/A	--	--	--
Hardness (as CaCO ₃)	mg/L	Total	--	--	--
Hydroxide (as CaCO ₃)	mg/L	N/A	--	--	--
Magnesium	mg/L	Total	--	--	--
MBAS (Surfactants)	mg/L	N/A	--	--	--
Nitrate (as N)	mg/L	N/A	<0.1	<0.1	0.91
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	0.84	1.7	0.56
Carbon, Total Organic	mg/L	N/A	20	19	15
Carbon, Dissolved Organic	mg/L	N/A	--	--	--
Nitrogen, Organic	mg/L	N/A	0.84	1.7	0.56
Ammonia-Nitrogen	mg/L	Total	--	<0.4	<0.2
pH	pH units	N/A	--	--	--
Phosphorus	mg/L	Dissolved	--	--	--
Phosphorus	mg/L	Total	1.1	1.1	2.7
Potassium	mg/L	Total	--	--	--
Sodium	mg/L	Total	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--
Sulfate	mg/L	N/A	490	480	330
Total Dissolved Solids	mg/L	N/A	1700	1880	1640
Total Suspended Solids	mg/L	N/A	--	--	--
Turbidity	NTU	N/A	--	--	--
Metals³					
Aluminum	µg/L	Dissolved	<25	<25	<25
Aluminum	µg/L	Total	<25	<25	<25
Antimony	µg/L	Dissolved	1.8	1.85	1.45
Antimony	µg/L	Total	2.09	2.11	1.56
Arsenic	µg/L	Dissolved	6.29	4.7	5.01
Arsenic	µg/L	Total	6.2	4.55	4.84
Barium	µg/L	Dissolved	61.9	66.2	103
Barium	µg/L	Total	67.9	73.8	106
Beryllium	µg/L	Dissolved	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1
Boron	µg/L	Dissolved	1210	998	907
Boron	µg/L	Total	1310	1060	911
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	<1	<1	<1
Chromium	µg/L	Total	<1	<1	<1
Chromium, Hexavalent	µg/L	Dissolved	<0.2	<0.2	<0.2
Cobalt	µg/L	Dissolved	<1	<1	<1
Cobalt	µg/L	Total	<1	<1	<1

LYSIMETER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction			
			01/03/06	02/28/06	02/23/07
Copper	µg/L	Dissolved	15.5	11.1	12.1
Copper	µg/L	Total	16.7	11.1	13
Iron	µg/L	Dissolved	203	116	136
Iron	µg/L	Total	223	125	162
Lead	µg/L	Dissolved	<0.5	<0.5	<0.5
Lead	µg/L	Total	<0.5	<0.5	<0.5
Manganese	µg/L	Dissolved	133	69.6	15.5
Manganese	µg/L	Total	140	72.9	16.1
Mercury	µg/L	Dissolved	<0.1	<0.1	--
Mercury	µg/L	Total	<0.1	<0.1	--
Molybdenum	µg/L	Dissolved	36.9	34	28.3
Molybdenum	µg/L	Total	38.2	36.5	29.1
Nickel	µg/L	Dissolved	9.9	5	4.3
Nickel	µg/L	Total	8.1	5.3	4.5
Selenium	µg/L	Dissolved	4.74	2.7	5.8
Selenium	µg/L	Total	4.63	2.62	5.73
Silver	µg/L	Dissolved	<1	<1	<1
Silver	µg/L	Total	<1	<1	<1
Strontium	µg/L	Dissolved	1080	789	859
Strontium	µg/L	Total	1140	792	882
Thallium	µg/L	Dissolved	<1	<1	<1
Thallium	µg/L	Total	<1	<1	<1
Tin	µg/L	Dissolved	<1	<1	<1
Tin	µg/L	Total	<1	<1	<1
Titanium	µg/L	Dissolved	6.48	5.43	5.33
Titanium	µg/L	Total	7.69	5.75	6.39
Vanadium	µg/L	Dissolved	17.1	12.5	14
Vanadium	µg/L	Total	18.3	12.2	14.5
Zinc	µg/L	Dissolved	13.6	11.4	36.3
Zinc	µg/L	Total	17.9	13.1	36.7
Other Constituents					
Oil and Grease	mg/L	N/A	--	--	--
Perchlorate	µg/L	N/A	<2	<2	5.8
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--
Glyphosate	µg/L	N/A	--	--	--
1,4-Dioxane	µg/L	N/A	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<2	<2	<2
Volatile Organic Compounds					
Methyl Bromide	µg/L	N/A	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<0.5	<0.5	<0.5
Benzene	µg/L	N/A	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction			
			01/03/06	02/28/06	02/23/07
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
2,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	<2	<2	<2
2-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	<5	<5	<5
4-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<5	<5	<5
Acetone	µg/L	N/A	<10	<10	<10
Acrylonitrile	µg/L	N/A	<2	<2	<2
Allyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	<0.5	<0.5	<0.5
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	<2
Ethanol	µg/L	N/A	<50	<50	<50
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<5	<5	<5
Methylene Chloride	µg/L	N/A	<2	<2	<2
Naphthalene	µg/L	N/A	<0.5	<0.5	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5

LYSIMETER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction			
			01/03/06	02/28/06	02/23/07
Styrene	µg/L	N/A	<0.5	<0.5	<0.5
<i>trans</i> -1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<5	<5	<5
<i>trans</i> -1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds					
1-Methylnaphthalene	µg/L	N/A	--	--	--
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--
2,4-Dichlorophenol	µg/L	N/A	--	--	--
2,4-Dimethylphenol	µg/L	N/A	--	--	--
2,4-Dinitrophenol	µg/L	N/A	--	--	--
2,4-Dinitrotoluene	µg/L	N/A	--	--	--
2,6-Dinitrotoluene	µg/L	N/A	--	--	--
2-Chloronaphthalene	µg/L	N/A	--	--	--
2-Chlorophenol	µg/L	N/A	--	--	--
2-Methylnaphthalene	µg/L	N/A	--	--	--
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--
2-Nitroaniline	µg/L	N/A	--	--	--
2-Nitrophenol	µg/L	N/A	--	--	--
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--
3-Nitroaniline	µg/L	N/A	--	--	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--
4-Chloroaniline	µg/L	N/A	--	--	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--
4-Nitroaniline	µg/L	N/A	--	--	--
4-Nitrophenol	µg/L	N/A	--	--	--
Acenaphthene	µg/L	N/A	--	--	--
Acenaphthylene	µg/L	N/A	--	--	--
Aniline	µg/L	N/A	--	--	--
Anthracene	µg/L	N/A	--	--	--
Azobenzene	µg/L	N/A	--	--	--
Benzidine	µg/L	N/A	--	--	--
Benzo (a) Anthracene	µg/L	N/A	--	--	--
Benzo (a) Pyrene	µg/L	N/A	--	--	--
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--
Benzoic acid	µg/L	N/A	--	--	--
Benzyl alcohol	µg/L	N/A	--	--	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--
Chrysene	µg/L	N/A	--	--	--

LYSIMETER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction			
			01/03/06	02/28/06	02/23/07
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--
Fluoranthene	µg/L	N/A	--	--	--
Fluorene	µg/L	N/A	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--
Isophorone	µg/L	N/A	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--
Phenanthrene	µg/L	N/A	--	--	--
Phenol	µg/L	N/A	--	--	--
Pyrene	µg/L	N/A	--	--	--
Pyridine	µg/L	N/A	--	--	--
Biological Parameters					
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--
Field Parameters					
pH	pH units	N/A	--	--	--
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	--
Turbidity	NTU	N/A	--	--	--
Specific Conductance	µmhos/cm	N/A	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmh
2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated as --.
3. In cases in which the filtered concentrations exceeded the total, the differences are indicated as --.

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-01								V-MW-02						
			11/06/03	12/05/03	06/09/04	10/11/04	02/15/05	10/05/05	10/19/06	06/05/07	11/06/03	12/08/03	02/06/04	02/24/04	06/09/04	10/11/04	02/15/05
			Copper	µg/L	Dissolved	--	3.58	5.04	2.93	3.54	7.25	6.67	4.42	--	6.74	4.45	4.82
Copper	µg/L	Total	--	4.89	6.2	2.72	3.03	7.73	6.38	5.23	--	7.94	6.32	7.23	4.91	2.57	2.37
Iron	µg/L	Dissolved	--	<100	<100	<100	<100	<100	<100	428	--	<100	<100	112	<100	<100	<100
Iron	µg/L	Total	--	467	405	161	179	257	157	1300	--	851	728	1,290	144	<100	248
Lead	µg/L	Dissolved	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	µg/L	Total	--	<0.5	<0.5	<0.5	<0.5	0.634	<0.5	0.682	--	0.668	0.61	0.712	<0.5	<0.5	<0.5
Manganese	µg/L	Dissolved	--	202	267	223	329	530	866	540	--	19.9	47.5	23.4	17	6.25	19.7
Manganese	µg/L	Total	--	229	277	225	354	454	785	631	--	43.3	75.7	41.6	28.1	7.97	25.8
Mercury	µg/L	Dissolved	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	0.105	<0.1	<0.1	<0.1	<0.1
Mercury	µg/L	Total	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.1	0.118	<0.1	<0.1	<0.1	<0.1
Molybdenum	µg/L	Dissolved	--	13.2	11.6	10.9	8.74	11.3	14	12.1	--	35.3	26.7	22.2	20.1	14.5	18.4
Molybdenum	µg/L	Total	--	13.6	11.6	10.7	8.38	11.7	13.6	11.6	--	35.5	25.8	22.2	21.4	13.9	20.7
Nickel	µg/L	Dissolved	--	5.1	6.5	6.9	3.6	12	8.7	6.3	--	2.2	<2	<2	<2	<2	<2
Nickel	µg/L	Total	--	4.7	7.3	6.8	3.5	12	9	7.8	--	2.6	2.6	2.6	<2	<2	<2
Selenium	µg/L	Dissolved	--	251	113	157	86	169	180	175	--	17.2	25.1	33.2	13.6	12.1	6.06
Selenium	µg/L	Total	--	236	159	154	82.3	192	183	160	--	18	30.6	35.8	16.4	11.5	6.52
Silver	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Silver	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Strontium	µg/L	Dissolved	--	1,770	2,040	1,880	1,880	2540	3200	2520	--	472	490	468	503	621	443
Strontium	µg/L	Total	--	1,710	2,170	1,890	1,850	2460	3200	2380	--	466	512	476	590	598	433
Thallium	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	--	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Titanium	µg/L	Dissolved	--	3.77	6.66	3.46	4.67	4.02	3.47	3.43	--	3.82	3.99	4.01	5.08	2.67	2.85
Titanium	µg/L	Total	--	29.7	31.4	11.5	15.1	18.8	10.1	48.2	--	42.8	38.2	64.2	12	4.75	13.4
Vanadium	µg/L	Dissolved	--	9.93	14.7	11.1	14.7	14.1	14.3	13.7	--	59.2	61.1	44.5	47.8	35.3	30.9
Vanadium	µg/L	Total	--	12	16.8	11.1	15.2	16.7	14.6	15.9	--	64.5	64.5	46.8	48.5	34	33.8
Zinc	µg/L	Dissolved	--	<5	<5	<5	<5	<5	38.4	6.55	--	9.64	9.9	<5	<5	<5	<5
Zinc	µg/L	Total	--	<5	<5	<5	<5	<5	80.4	16.8	--	10.9	11.7	<5	<5	<5	<5
Other Constituents																	
Oil and Grease	mg/L	N/A	1.2	--	<1	1.1	<1	--	<1	1.6	<1	--	<1	3.5	<1	<1	<1
Perchlorate	µg/L	N/A	<4	--	<2	<2	9	8.7	6.9	6.8	<4	--	<4	<2	<2	<2	<2
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	<2	--	--	--	--	--	--	--	<2	--	--	--	--	--	--
Glyphosate	µg/L	N/A	<6	--	<25	--	--	--	--	--	<6	--	--	--	<25	<1.2	--
1,4-Dioxane	µg/L	N/A	<2	--	--	--	--	--	--	--	<2.4	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<2	<2	<2	<0.02	--	<0.5	<0.5	<0.5	<0.5	<0.5
Volatile Organic Compounds																	
Methyl Bromide	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	--	<1	<1	<1	<0.5	<0.5	<0.5	<1	--	<1	<1	<1	<1	<1
Benzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-01								V-M						
			11/06/03	12/05/03	06/09/04	10/11/04	02/15/05	10/05/05	10/19/06	06/05/07	11/06/03	12/08/03	02/06/04	02/24/04	06/09/04	10/11/04	02/15/05
			1,1-Dichloroethylene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<10	--	<10	<10	<0.5	<0.5	<0.5	<0.5	<10	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<10	--	<0.5	<10	<0.5	<0.5	<0.5
1,2-Dichloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<10	--	<0.5	<10	<0.5	<10	<0.5
1,3-Dichloropropane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	<10	--	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<10	<10	<0.5
2,2-Dichloropropane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	<1	--	<1	<1	<1	<2	<2	<2	<1	--	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<2	--	<2	<2	<2	<5	<5	<5	<2	--	<2	<2	<2	<2	<2
Acetone	µg/L	N/A	<2	--	<2	<2	<2	<10	<10	<10	<2	--	2.7	<2	<2	<2	<2
Acrylonitrile	µg/L	N/A	<2	--	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Allyl Chloride	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	--	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Ethanol	µg/L	N/A	<100	--	<100	<100	<100	<50	<50	<50	<100	--	<100	<100	<100	<100	<100
Ethyl Methacrylate	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	--	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	--	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	--	<10	<0.5	<10	<0.5	<0.5
Iodomethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	µg/L	N/A	<0.5	--	<0.5	0.64	0.61	<2	<2	<2	<0.5	--	<0.5	<0.5	<0.5	0.66	0.73
Naphthalene	µg/L	N/A	<10	--	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<10	<10	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-01								V-MW-02						
			11/06/03	12/05/03	06/09/04	10/11/04	02/15/05	10/05/05	10/19/06	06/05/07	11/06/03	12/08/03	02/06/04	02/24/04	06/09/04	10/11/04	02/15/05
			Styrene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	--	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	--	<10	<10	<10	<10	<10	<10	<10	--	<10	<10	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	--	<1	<1	<1	<5	<5	<5	<1	--	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds																	
1-Methylnaphthalene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2,4,5-Trichlorophenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2,4,6-Trichlorophenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2,4-Dichlorophenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2,4-Dimethylphenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2,4-Dinitrophenol	µg/L	N/A	<50	--	<50	<50	--	--	--	--	<50	--	<50	<50	<50	<50	--
2,4-Dinitrotoluene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2,6-Dinitrotoluene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2-Chloronaphthalene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2-Chlorophenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2-Methylnaphthalene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2-Methylphenol (o-Cresol)	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2-Nitroaniline	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
2-Nitrophenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
3,3'-Dichlorobenzidine	µg/L	N/A	<25	--	<25	<25	--	--	--	--	<25	--	<25	<25	<25	<25	--
3-Nitroaniline	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	<50	--	<50	<50	--	--	--	--	<50	--	<50	<50	<50	<50	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
4-Chloro-3-Methylphenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
4-Chloroaniline	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
4-Methylphenol (p-Cresol)	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
4-Nitroaniline	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
4-Nitrophenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Acenaphthene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Acenaphthylene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Aniline	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Anthracene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Azobenzene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Benzenidine	µg/L	N/A	<50	--	<50	<50	--	--	--	--	<50	--	<50	<50	<50	<50	--
Benzo (a) Anthracene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Benzo (a) Pyrene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Benzo (b) Fluoranthene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Benzo (g,h,i) Perylene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Benzo (k) Fluoranthene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Benzoic acid	µg/L	N/A	<50	--	<50	<50	--	--	--	--	<50	--	<50	<50	<50	<50	--
Benzyl alcohol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	<25	--	<25	<25	--	--	--	--	<25	--	<25	<25	<25	<25	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Butyl Benzyl Phthalate	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Chrysene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-01								V-MW-02						
			11/06/03	12/05/03	06/09/04	10/11/04	02/15/05	10/05/05	10/19/06	06/05/07	11/06/03	12/08/03	02/06/04	02/24/04	06/09/04	10/11/04	02/15/05
			Dibenz (a,h) Anthracene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10
Dibenzofuran	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Diethyl Phthalate	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Dimethyl Phthalate	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Di-n-Butyl Phthalate	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Di-n-Octyl Phthalate	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Fluoranthene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Fluorene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Hexachlorobenzene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Hexachlorocyclopentadiene	µg/L	N/A	<25	--	<25	<25	--	--	--	--	<25	--	<25	<25	<25	<25	--
Hexachloroethane	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Isophorone	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Nitrobenzene	µg/L	N/A	<25	--	<25	<25	--	--	--	--	<25	--	<25	<25	<25	<25	--
N-Nitroso-di-n-propylamine	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
N-Nitrosodiphenylamine	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Pentachlorophenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Phenanthrene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Phenol	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Pyrene	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Pyridine	µg/L	N/A	<10	--	<10	<10	--	--	--	--	<10	--	<10	<10	<10	<10	--
Biological Parameters																	
Heterotrophic Plate Count	CFU/mL	N/A	--	690	--	--	--	--	--	--	--	36,000	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	<20	--	--	--	--	--	--	--	<20	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	<20	--	--	--	--	--	--	--	<20	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	<20	--	--	--	--	--	--	--	<20	--	--	--	--	--
Field Parameters																	
pH	pH units	N/A	--	--	--	7.00	--	--	--	--	--	--	--	--	--	7.14	--
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	--	22.21	--	--	--	--	--	--	--	--	--	22.58	--
Turbidity	NTU	N/A	--	--	--	0	--	--	--	--	--	--	--	--	--	12.2	--
Specific Conductance	µmhos/cm	N/A	--	--	--	919	--	--	--	--	--	--	--	--	--	339	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/cm = micromhos per centimeter, NTU = Nephelometric Turbidity Unit.
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated with a "<" symbol; the associated numerical value is the detection limit.
 3. In cases in which the filtered concentrations exceeded the total, the differences are considered by the laboratory statistically insignificant and can be attributed to the variability inherent with the analytical method.

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²														
			W-02														
			10/05/05	01/05/06	03/06/06	06/19/06	10/19/06	02/26/07	06/05/07	11/06/03	12/05/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04	12/10/04
General Monitoring Parameters																	
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	740	730	750	710	690	686	664	220	--	1,100	1,100	970	980	1,000	950
Bicarbonate (as CaCO ₃)	mg/L	N/A	740	730	750	710	690	686	664	220	--	1,100	1,100	970	980	1,000	950
Bromide	mg/L	N/A	0.23	0.17	0.18	0.29	0.25	0.18	0.51	1.1	--	1.2	2.7	0.86	0.79	0.81	0.59
Calcium	mg/L	Total	47.3	61.8	54.5	71.9	60.3	50	82.9	--	29.8	42	43.4	59.9	79.3	68	75.4
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	83	89	93	89	69	64	99	130	--	170	180	180	150	150	180
Chemical Oxygen Demand	mg/L	N/A	10	13	18	<5	<5	9	13	52	--	<5	15	13	13	20	13
Fluoride	mg/L	N/A	0.7	0.82	1.1	0.74	0.9	0.97	1	1.2	--	1.2	1.1	1.3	1.6	1.5	1.7
Hardness (as CaCO ₃)	mg/L	Total	210	280	200	300	260	310	400	300	--	190	210	310	390	350	420
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	24.5	31.7	27.6	36.5	29.8	24.7	38.6	--	15.2	23.5	24.2	41.4	54.2	46.1	53.5
MBAS (Surfactants)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	0.16	<0.1	<0.1	<0.1	--	0.11	0.11	<0.1	<0.1	<0.1	<0.1
Nitrate (as N)	mg/L	N/A	1.2	2.3	2.9	3.9	2.8	3.5	3.3	5.6	--	6	5.9	3.8	3	4.9	2.1
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	<0.5	0.84	1.3	0.98	0.56	<0.5	0.7	0.56	--	0.56	<0.5	<0.1	<0.5	0.98	0.56
Carbon, Total Organic	mg/L	N/A	4.5	4.3	4.3	4.7	4.4	7.1	5.4	6.1	--	27	8.3	9.7	4.4	4.4	7.8
Carbon, Dissolved Organic	mg/L	N/A	6.2	6.1	4.5	5.3	5.2	8.8	6.7	5.1	--	23	8	6.1	8.1	5.2	6.3
Nitrogen, Organic	mg/L	N/A	<0.5	0.84	1.3	0.84	0.56	<0.5	<0.5	0.56	--	0.56	<0.5	<0.5	<0.5	0.98	0.56
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.1	--	--	--	--	--	<0.1	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
pH	pH units	N/A	6.96	6.84	6.81	6.75	6.89	6.72	6.88	7.35	--	7.33	7.27	7.35	6.98	7.05	7.12
Phosphorus	mg/L	Dissolved	0.2	0.17	0.45	0.22	0.093	0.16	0.064	0.2	--	0.16	0.19	0.055	0.057	0.082	0.075
Phosphorus	mg/L	Total	0.48	0.49	0.73	0.68	0.11	1.3	0.76	29	--	0.17	0.25	0.17	0.7	0.52	0.36
Potassium	mg/L	Total	2.18	2.12	1.96	2.12	1.74	1.82	2.33	--	2.57	2.68	2.66	1.81	3.22	1.8	2.12
Sodium	mg/L	Total	418	368	400	333	335	340	288	--	605	736	812	569	538	659	546
Specific Conductance	µmhos/cm	N/A	1700	1700	1800	1600	1700	1600	1700	2,800	--	3,100	2,700	2,800	2,800	2,800	2,900
Sulfate	mg/L	N/A	160	210	190	180	190	170	190	190	--	320	360	420	310	330	350
Total Dissolved Solids	mg/L	N/A	1400	1020	1170	1150	1070	1100	1070	1,300	--	2,100	2,000	1,700	1,700	1,900	1,600
Total Suspended Solids	mg/L	N/A	<1	3	54	8	6.1	5.7	7.8	--	2	10	110	19	100	<1	19
Turbidity	NTU	N/A	6.5	3.1	28	7.5	3.1	1.8	3.3	--	3	3.1	98	6.3	55	1.7	10
Metals³																	
Aluminum	µg/L	Dissolved	<25	<0.025	<25	<25	<25	<25	<25	--	<50	<50	56.9	<50	141	<25	<25
Aluminum	µg/L	Total	318	561	722	468	305	<25	190	--	97	1,120	1,440	584	343	<25	216
Antimony	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	--	1.02	<1	<1	1.12	<1	<1	<1
Antimony	µg/L	Total	<1	1.06	<1	<1	<1	<1	<1	--	1.05	<1	<1	1.36	<1	<1	<1
Arsenic	µg/L	Dissolved	2.21	2.73	2.86	2.31	2.28	1.9	1.87	--	5.83	5.32	4.67	1.9	2.9	3.5	2.4
Arsenic	µg/L	Total	2.56	2.81	3.55	2.78	2.75	2.15	1.95	--	6.02	6.03	5.25	2.03	3.22	3.61	2.51
Barium	µg/L	Dissolved	36.6	34.7	41.9	47.3	47.6	38.8	48.4	--	43.7	58.6	62.5	83.9	92.5	95.1	97.3
Barium	µg/L	Total	37.4	51.7	56.8	54.2	51.3	38.8	58.3	--	44.6	69.7	79.4	90.1	94.7	104	99.5
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	889	635	738	711	667	679	548	--	1,870	1,900	2,320	1,180	1,220	1,470	1,210
Boron	µg/L	Total	1040	679	746	706	699	679	584	--	2,040	1,880	2,390	1,280	1,210	1,420	1,160
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	--	2.53	2.34	2.58	3.24	3.62	3.86	2.44
Chromium	µg/L	Total	<1	<1	<1	2.37	3.57	1.11	2.14	--	1.28	4.57	5.3	3.95	3.35	3.62	2.83
Chromium, Hexavalent	µg/L	Dissolved	0.26	0.35	0.62	0.39	0.71	0.74	0.4	<0.2	--	0.44	0.46	1.9	2.7	2.3	2.1
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	--	<1	1.32	1.47	<1	<1	<1	<1

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²														
			W-02														
			10/05/05	01/05/06	03/06/06	06/19/06	10/19/06	02/26/07	06/05/07	11/06/03	12/05/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04	12/10/04
1,1-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (1,2,3-TCP)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<10	<10	<10	<10	<0.5
1,2,4-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	--	<10	<0.5	<10	<10	<0.5
1,2-Dichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Trans-Dichloroethylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	--	<0.5	<0.5	<10	--	<0.5	<0.5
1,3-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<10
2,2-Dichloropropane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Butanone (Methylethyl ketone)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<1	--	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
2-Hexanone	µg/L	N/A	<5	<5	<5	<5	<5	<5	<5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
4-Methyl-2-pentanone (MIBK)	µg/L	N/A	<5	<5	<5	<5	<5	<5	<5	<2	--	<2	<2	<2	<2	<2	<2
Acetone	µg/L	N/A	<10	<10	<10	<10	<10	<10	<10	<2	--	<2	<2	<2	<2	<2	<2
Acrylonitrile	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2	<2
Allyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon disulfide	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	µg/L	N/A	0.74	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	0.61
cis-1,2-Dichloroethene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorobromomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Diethyl Ether	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Diisopropyl Ether (DIPE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Ethanol	µg/L	N/A	<50	<50	<50	<50	<50	<50	<50	<100	--	<100	<100	<100	<100	<100	<100
Ethyl Methacrylate	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether (ETBE)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Hexachloro-1,3-Butadiene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<10	<10	<0.5
Iodomethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Isopropylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	µg/L	N/A	<5	<5	<5	<5	<5	<5	<5	<5	<5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<0.5	--	<0.5	0.51	<0.5	0.65	<0.5	<0.5
Naphthalene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<10	<0.5
n-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
n-Propylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²														
			W-02														
			10/05/05	01/05/06	03/06/06	06/19/06	10/19/06	02/26/07	06/05/07	11/06/03	12/05/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04	12/10/04
Styrene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
<i>trans</i> -1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	<10	<10	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<5	<5	<5	<5	<5	<5	<5	<1	--	<1	<1	<1	<1	<1	<1
<i>trans</i> -1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds																	
1-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2,4-Dichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2,4-Dimethylphenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2,4-Dinitrophenol	µg/L	N/A	--	--	--	--	--	--	--	<50	--	<50	<50	<50	<50	<50	--
2,4-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2,6-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2-Chloronaphthalene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2-Chlorophenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
2-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--	--	--	--	--	<25	--	<25	<25	<25	<25	<25	--
3-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--	<50	--	<50	<50	<50	<50	<50	--
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
4-Chloroaniline	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
4-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
4-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Acenaphthene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Acenaphthylene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Aniline	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Anthracene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Azobenzene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Benzenidine	µg/L	N/A	--	--	--	--	--	--	--	<50	--	<50	<50	<50	<50	<50	--
Benzo (a) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Benzo (a) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Benzoic acid	µg/L	N/A	--	--	--	--	--	--	--	<50	--	<50	<50	<50	<50	<50	--
Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	<25	--	<25	<25	<25	<25	<25	--
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--
Chrysene	µg/L	N/A	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	<10	--

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	Sample Number / Date Sampled ²															
			W-02															
			10/05/05	01/05/06	03/06/06	06/19/06	10/19/06	02/26/07	06/05/07	11/06/03	12/05/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04	12/10/04	
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	<25	--	<25	<25	<25	<25	--	
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	<25	--	<25	<25	<25	<25	--	
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	--	
Biological Parameters																		
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--	--	--	--	180	--	--	--	--	--	
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	<20	--	--	--	--	--	
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	<20	--	--	--	--	--	
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	<20	--	--	--	--	--	
Field Parameters																		
pH	pH units	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	7.04	7.13	6.99
Temperature (degrees Celsius)	degrees Celsius	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	24.00	23.7	24.0
Turbidity	NTU	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	1.0	2	9
Specific Conductance	µmhos/cm	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	271	2,860	2,870

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/c
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated
 3. In cases in which the filtered concentrations exceeded the total, the differences are co

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-03														
			12/30/04	02/15/05	10/05/05	01/05/06	03/02/06	06/19/06	10/19/06	02/26/07	06/05/07	12/24/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04
General Monitoring Parameters																	
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	960	980	840	830	790	780	780	762	744	1,500	1,500	1,600	1,500	1,500	1,200
Bicarbonate (as CaCO ₃)	mg/L	N/A	960	980	840	830	790	780	780	762	744	1,500	1,500	1,600	1,500	1,500	1,200
Bromide	mg/L	N/A	0.53	0.59	0.51	0.42	0.53	0.42	0.58	0.63	0.79	8.9	9.4	18	8.3	7.2	6.9
Calcium	mg/L	Total	65.7	69.7	81.1	82.3	72.8	77.2	84.8	87.4	91.3	91.9	94.9	92.4	75	78.4	64.2
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	160	150	110	120	120	100	110	120	130	1,400	1,200	1,200	1,100	990	930
Chemical Oxygen Demand	mg/L	N/A	94	18	<5	20	31	<5	<5	11	9	98	98	77	97	68	110
Fluoride	mg/L	N/A	1.5	1.6	1.4	1.4	1.4	1.1	1.4	1.3	1.6	0.53	0.5	0.38	0.39	0.51	0.54
Hardness (as CaCO ₃)	mg/L	Total	370	330	240	420	400	430	450	600	520	390	370	350	320	340	280
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	46.2	47.7	64.7	62.6	61.1	62.8	65.6	67.4	68.4	36.5	39.3	38.1	34.1	34.3	28.2
MBAS (Surfactants)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.15	0.11	<0.1	0.32	0.35	0.28	0.17	<0.1	0.2
Nitrate (as N)	mg/L	N/A	3.3	2.8	1.8	2.1	1.8	1.8	2.2	2.7	3.3	44	41	39	42	24	30
Nitrite (as N)	mg/L	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/L	Total	<0.5	0.56	0.56	0.42	<0.5	0.98	<0.5	0.84	0.7	1.5	1.7	1.3	1.1	0.98	1.5
Carbon, Total Organic	mg/L	N/A	5.9	5.3	5.3	4.5	4.8	5	4.8	7.8	5.1	23	42	26	14	6.5	11
Carbon, Dissolved Organic	mg/L	N/A	6.8	7.3	6.8	6.8	4.9	5.4	5.3	11	7.3	19	31	15	12	12	13
Nitrogen, Organic	mg/L	N/A	<0.5	0.56	0.56	<0.5	<0.5	0.8	<0.5	0.84	0.56	1.5	1.7	1.3	1.1	0.98	1.5
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
pH	pH units	N/A	6.81	7.13	7	6.88	6.92	6.85	6.71	6.76	6.84	7.07	7.1	7.17	6.8	6.99	7.03
Phosphorus	mg/L	Dissolved	0.19	0.12	0.2	0.16	0.11	0.12	0.05	0.1	0.14	0.14	0.17	0.16	0.045	0.18	0.22
Phosphorus	mg/L	Total	1.4	0.78	0.7	0.67	0.74	0.68	0.076	1.2	0.52	0.15	0.19	0.16	0.2	5.1	6.7
Potassium	mg/L	Total	1.77	2.01	2.34	1.59	1.89	1.61	1.57	1.72	2.07	6.42	6.21	6.02	3.11	6.68	2.57
Sodium	mg/L	Total	556	506	401	391	351	314	331	302	303	2,320	2,460	2,570	2,050	1,990	2,020
Specific Conductance	µmhos/cm	N/A	2,700	2,400	2000	2000	1900	1700	2000	1800	2000	8,400	9,200	7,400	8,300	8,500	7,800
Sulfate	mg/L	N/A	320	290	220	220	200	200	200	210	230	1,800	1,700	1,700	1,800	1,600	1,500
Total Dissolved Solids	mg/L	N/A	1,600	1,500	1700	1250	1200	1230	1240	1200	1220	6,600	5,600	5,700	5,700	5,700	6,500
Total Suspended Solids	mg/L	N/A	11	4.4	100	49	16	32	39	5.5	33	2.6	79	23	15	230	<1
Turbidity	NTU	N/A	16	5.8	7.9	7.5	16	16	45	2.8	22	0.07	36	14	11	77	2
Metals³																	
Aluminum	µg/L	Dissolved	<25	<25	<25	<0.025	<25	<25	<25	<25	<25	<50	<50	218	<50	<25	<25
Aluminum	µg/L	Total	390	121	1330	142	442	742	457	498	1080	232	607	794	584	272	55.7
Antimony	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1
Antimony	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.21	1.07	<1	1.15	<1	<1
Arsenic	µg/L	Dissolved	1.93	2.09	2.34	2.77	1.8	1.45	1.72	1.84	2.37	6.11	5.76	6.41	5.17	17.7	15.5
Arsenic	µg/L	Total	1.96	2.32	3.25	2.87	2.17	1.89	2.23	2.07	2.18	7.17	8.88	6.98	8.37	17.5	15.8
Barium	µg/L	Dissolved	83.7	74.3	77.9	60.7	67.8	65.9	75.9	71.2	69.9	50.7	30.8	36.9	33.1	34.4	37.8
Barium	µg/L	Total	92.6	77.9	93.4	67.9	71.1	76.9	81.2	82.6	85.2	53.4	36.6	43.1	39.1	38.6	39.8
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.49	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.86	<1
Boron	µg/L	Dissolved	1,410	916	869	645	741	668	629	540	552	5,510	5,750	7,930	4,950	5,340	5,080
Boron	µg/L	Total	1,300	899	872	698	725	626	639	576	547	5,830	5,580	7,830	5,400	4,900	5,260
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	2.39	2.57	2.57	<1	3.31	3.02	<1	1.96	<1	1.32	2.91	4.2	2.67	2.3	2.08
Chromium	µg/L	Total	3.13	2.98	5.78	<1	6.01	4.11	1.25	3.01	3.17	2.61	4.58	5.92	4.92	2.38	2.31
Chromium, Hexavalent	µg/L	Dissolved	1.3	1.6	2.4	2.1	2.6	2.4	2.1	2.4	2.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.51	<1
Cobalt	µg/L	Total	<1	<1	1.45	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.73	<1

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-03														
			12/30/04	02/15/05	10/05/05	01/05/06	03/02/06	06/19/06	10/19/06	02/26/07	06/05/07	12/24/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04
Copper	µg/L	Dissolved	3.15	3.57	2.74	1.82	2.07	2.57	1.79	2.52	2.21	12.9	9.74	10.1	7.31	200	5.85
Copper	µg/L	Total	2.68	3.54	5.1	2.22	2.83	3.96	2.7	3.49	3.62	14.4	8.93	12.8	16.2	228	6.01
Iron	µg/L	Dissolved	<100	<100	<100	218	189	<100	<100	141	178	--	<100	132	<100	<100	<100
Iron	µg/L	Total	554	217	1780	473	743	893	775	834	1580	<100	1,130	1,040	604	404	143
Lead	µg/L	Dissolved	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.536	<0.5
Lead	µg/L	Total	<0.5	<0.5	1.35	<0.5	<0.5	<0.5	<0.5	<0.5	0.875	<0.5	0.832	1.86	<0.5	1.54	<0.5
Manganese	µg/L	Dissolved	8.01	8.02	6.56	2.71	4.87	3.31	5.44	4.37	6.2	585	269	357	387	514	345
Manganese	µg/L	Total	19.7	14	97	11.8	20.7	37.9	31.5	49.5	87.4	568	250	373	455	506	354
Mercury	µg/L	Dissolved	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.111	<0.1	<0.1	<0.1	0.149
Mercury	µg/L	Total	<0.1	0.12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.133	<0.1	<0.1	<0.1	0.16
Molybdenum	µg/L	Dissolved	28.6	31.5	22.7	24.8	21.2	18	19.9	17.8	18.7	18.5	16.9	16.9	14.4	19.5	15.4
Molybdenum	µg/L	Total	29.3	32.8	22.5	24.1	20.3	18.5	19.4	17.3	18	18.5	17.8	17.8	15.9	18.5	15.8
Nickel	µg/L	Dissolved	2.6	<2	4.2	3.5	4.3	2.3	2.6	2.1	2.4	4.5	3.3	2.8	3.6	4.2	3.6
Nickel	µg/L	Total	2.4	<2	6.1	2.8	5.4	3	3.1	2.6	3.4	4	4.1	3.6	3.9	3.9	3.6
Selenium	µg/L	Dissolved	6.28	8.33	7.7	5.76	5.59	4.6	7.43	<1	6.54	88.5	114	96	53.2	59.6	81
Selenium	µg/L	Total	5.54	8.28	7.85	5.99	5.36	5.79	7.44	<1	6.53	94.3	117	103	86.9	61	80.9
Silver	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Silver	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Strontium	µg/L	Dissolved	1,240	1,200	1490	1330	1250	1300	1540	1180	1540	1,800	1,530	1,420	1,400	1,300	1,150
Strontium	µg/L	Total	1,250	1,230	1500	1300	1220	1350	1530	1310	1500	1,690	1,650	1,460	1,510	1,260	1,170
Thallium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thallium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tin	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Titanium	µg/L	Dissolved	2.99	3.6	4.58	1.75	2.77	3.85	3.48	1.36	3.09	1.99	6.31	4.24	5.53	3.35	3.35
Titanium	µg/L	Total	32.8	16.3	94.3	13.8	53	51.9	40.3	35	82.6	2.67	61.4	47.9	38.2	24.4	8.26
Vanadium	µg/L	Dissolved	19.8	20.1	11.2	9.21	10.7	9.22	11.3	7.22	9.84	38.9	34.3	37.5	36.3	31.4	41
Vanadium	µg/L	Total	20.7	21.1	15.4	9.54	11.4	11.5	13.9	8.91	13.1	42.7	36	39.4	43.6	31.1	42.7
Zinc	µg/L	Dissolved	<5	<5	7.92	6.52	<5	8.72	11.4	<5	7.2	7.68	8.71	<5	<5	25.3	<5
Zinc	µg/L	Total	<5	<5	29.9	<5	<5	11.5	8.68	11.7	59.1	19.9	8.95	24.9	<5	28.5	<5
Other Constituents																	
Oil and Grease	mg/L	N/A	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	19	<1	<1	<1
Perchlorate	µg/L	N/A	<2	<2	<2	<2	<2	<2	2.9	3.1	2.8	<6	<6	<4	3.8	3.9	8.3
N-Nitrosodimethylamine (NDMA)	ng/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Glyphosate	µg/L	N/A	<1.2	--	--	--	--	--	--	--	--	--	--	--	<25	<1.2	<1.2
1,4-Dioxane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	N/A	<0.5	<0.5	<2	<2	<2	--	<2	<2	<2	--	<0.5	<0.5	<0.5	<0.5	<0.5
Volatile Organic Compounds																	
Methyl Bromide	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl-t-Butyl Ether (MTBE)	µg/L	N/A	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<1	<1	<1	<1	<1
Benzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
o-Xylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
p/m-Xylene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene (TCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene (PCE)	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-03															
			12/30/04	02/15/05	10/05/05	01/05/06	03/02/06	06/19/06	10/19/06	02/26/07	06/05/07	12/24/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04	
Styrene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
t-1,4-Dichloro-2-Butene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tert-Amyl-Methyl Ether (TAME)	µg/L	N/A	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	--	<2	<2	<2	<2	<2
Tert-Butyl Alcohol (TBA)	µg/L	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	<10	<10	<10	<10	<10
tert-Butylbenzene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	µg/L	N/A	<1	<1	<5	<5	<5	<5	<5	<5	<5	<5	--	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5
Semi-Volatile Organic Compounds																		
1-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2,4,5-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2,4,6-Trichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2,4-Dichlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2,4-Dimethylphenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2,4-Dinitrophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<50	<50	<50	<50	<60
2,4-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2,6-Dinitrotoluene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2-Chloronaphthalene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2-Chlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2-Methylnaphthalene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2-Methylphenol (o-Cresol)	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
2-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
3,3'-Dichlorobenzidine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<25	<25	<25	<25	<30
3-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
4,6-Dinitro-2-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<50	<50	<50	<50	<60
4-Bromophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
4-Chloro-3-Methylphenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
4-Chloroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
4-Chlorophenyl-Phenyl Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
4-Methylphenol (p-Cresol)	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
4-Nitroaniline	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
4-Nitrophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Acenaphthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Acenaphthylene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Aniline	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Azobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Benzenidine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<50	<50	<50	<50	<60
Benzo (a) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Benzo (a) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Benzo (b) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Benzo (g,h,i) Perylene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Benzo (k) Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Benzoic acid	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<50	<50	<50	<50	<60
Benzyl alcohol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Bis(2-Chloroethoxy) Methane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Bis(2-Chloroethyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<25	<25	<25	<25	<30
Bis(2-Chloroisopropyl) Ether	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Bis(2-Ethylhexyl) Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Butyl Benzyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Chrysene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-03														
			12/30/04	02/15/05	10/05/05	01/05/06	03/02/06	06/19/06	10/19/06	02/26/07	06/05/07	12/24/03	02/06/04	02/24/04	06/09/04	10/11/04	10/22/04
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<25	<25	<25	<25	<30
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<25	<25	<25	<25	<30
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	<10	<10	<10	<10	<12
Biological Parameters																	
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Parameters																	
pH	pH units	N/A	7.18	--	--	--	--	--	--	--	--	--	--	--	--	7.09	7.0
Temperature (degrees Celsius)	degrees Celsius	N/A	23.1	--	--	--	--	--	--	--	--	--	--	--	--	23.03	22.2
Turbidity	NTU	N/A	9	--	--	--	--	--	--	--	--	--	--	--	--	6.3	1
Specific Conductance	µmhos/cm	N/A	2,710	--	--	--	--	--	--	--	--	--	--	--	--	1,110	7,640

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/c
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated
 3. In cases in which the filtered concentrations exceeded the total, the differences are co

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-04									
			12/10/04	12/30/04	02/15/05	10/05/05	01/05/06	03/06/06	06/20/06	10/19/06	02/26/07	06/05/07
General Monitoring Parameters												
Alkalinity, Total (as CaCO ₃)	mg/L	N/A	1,400	1,400	1,400	1200	1200	1200	1000	1100	1100	1020
Bicarbonate (as CaCO ₃)	mg/L	N/A	1,400	1,400	1,400	1200	1200	1200	1000	1100	1100	1020
Bromide	mg/L	N/A	5.3	4.3	5.4	3.7	3.2	2.4	2.1	2.3	1.8	1.2
Calcium	mg/L	Total	55.6	55.8	58.1	43.9	40.5	44.5	34.6	39	28.8	33.8
Carbonate (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloride	mg/L	N/A	820	820	820	540	500	480	270	320	270	230
Chemical Oxygen Demand	mg/L	N/A	46	160	59	47	69	41	36	28	32	15
Fluoride	mg/L	N/A	0.52	0.51	0.43	0.7	0.61	1.1	0.56	1.8	0.84	0.93
Hardness (as CaCO ₃)	mg/L	Total	290	250	250	190	170	170	160	160	260	170
Hydroxide (as CaCO ₃)	mg/L	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Magnesium	mg/L	Total	25.6	25.3	27.8	24	21.7	25.8	21.6	22.6	16.1	19.3
MBAS (Surfactants)	mg/L	N/A	0.23	0.21	0.1	0.29	0.26	0.29	0.25	0.63	0.32	0.12
Nitrate (as N)	mg/L	N/A	24	23	20	10	11	9	7.8	9.3	8	7.8
Nitrite (as N)	mg/L	N/A	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
Total Kjeldahl Nitrogen	mg/L	Total	0.98	0.98	0.98	1.1	0.84	2.5	0.7	0.84	1.1	0.84
Carbon, Total Organic	mg/L	N/A	22	16	13	14	11	12	12	13	15	11
Carbon, Dissolved Organic	mg/L	N/A	17	20	20	18	18	15	12	14	20	13
Nitrogen, Organic	mg/L	N/A	0.98	0.98	0.98	1.1	0.84	1.9	0.7	0.84	1.1	0.7
Ammonia-Nitrogen	mg/L	Total	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--
pH	pH units	N/A	7.12	6.88	7.11	7.02	7.1	7.35	7.11	6.85	7.1	7.25
Phosphorus	mg/L	Dissolved	0.18	0.34	0.25	0.2	0.1	0.4	0.41	0.05	0.28	0.33
Phosphorus	mg/L	Total	1.2	0.63	0.34	0.77	0.93	0.52	0.85	0.075	1.8	0.94
Potassium	mg/L	Total	3.13	2.69	2.86	3.48	2.08	2.18	1.91	1.95	1.76	2.49
Sodium	mg/L	Total	1,750	1,900	1,600	1400	1330	1280	929	1090	962	727
Specific Conductance	µmhos/cm	N/A	7,400	7,200	6,400	4800	4800	4300	3300	4200	3400	3200
Sulfate	mg/L	N/A	1,300	1,300	1,300	1000	910	890	520	590	520	450
Total Dissolved Solids	mg/L	N/A	4,800	4,400	4,300	4600	3180	3190	2580	2830	2340	1970
Total Suspended Solids	mg/L	N/A	9.5	6.2	46	2.6	5.2	8.9	5.5	67	2.7	18
Turbidity	NTU	N/A	38	9.7	45	1.7	2.5	18	3.2	47	1.8	7.5
Metals³												
Aluminum	µg/L	Dissolved	<25	<25	<25	<25	<0.025	<25	<25	<25	<25	<25
Aluminum	µg/L	Total	1,900	271	727	201	<0.025	162	171	798	2440	488
Antimony	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Antimony	µg/L	Total	1.2	1.4	1.27	<1	<1	<1	1.07	<1	1.15	1.11
Arsenic	µg/L	Dissolved	9.93	6.22	10.2	7.82	12.3	8.45	9.59	7.19	9.72	7.14
Arsenic	µg/L	Total	11.1	5.79	11	5.1	13.7	9.68	9.13	7.92	6.1	7.46
Barium	µg/L	Dissolved	25.9	26.3	29.1	23.6	16.7	19.1	16.4	23.3	17.9	17.8
Barium	µg/L	Total	52.4	30.1	37.3	25.1	17.8	20.5	18.6	28.9	45	22.3
Beryllium	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Beryllium	µg/L	Total	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	µg/L	Dissolved	4,610	4,810	3,450	4520	2820	2620	2710	2540	2120	1770
Boron	µg/L	Total	4,770	4,680	3,270	4900	2960	2590	2700	2540	1880	1890
Cadmium	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cadmium	µg/L	Total	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	µg/L	Dissolved	<1	1.33	<1	<1	<1	<1	<1	<1	<1	<1
Chromium	µg/L	Total	4.89	1.91	2.83	<1	<1	<1	<1	<1	6.04	1.1
Chromium, Hexavalent	µg/L	Dissolved	<0.2	<0.2	<0.2	<0.2	<2	0.32	<0.2	<0.2	0.34	0.52
Cobalt	µg/L	Dissolved	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt	µg/L	Total	1.91	<1	1.14	<1	<1	<1	<1	<1	2.44	<1

GROUNDWATER ANALYTICAL RESULTS – VETERANS PARK

Constituent	Units ¹	Fraction	V-MW-04										
			12/10/04	12/30/04	02/15/05	10/05/05	01/05/06	03/06/06	06/20/06	10/19/06	02/26/07	06/05/07	
Dibenz (a,h) Anthracene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Diethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Fluorene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Indeno (1,2,3-c,d) Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Isophorone	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Phenol	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Pyrene	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Pyridine	µg/L	N/A	--	--	--	--	--	--	--	--	--	--	--
Biological Parameters													
Heterotrophic Plate Count	CFU/mL	N/A	--	--	--	--	--	--	--	--	--	--	--
Total Coliforms	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--
Fecal Coliform	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--
E. coli	MPN/100 mL	N/A	--	--	--	--	--	--	--	--	--	--	--
Field Parameters													
pH	pH units	N/A	7.04	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celsius)	degrees Celsius	N/A	22.7	--	--	--	--	--	--	--	--	--	--
Turbidity	NTU	N/A	7.5	--	--	--	--	--	--	--	--	--	--
Specific Conductance	µmhos/cm	N/A	7,420	--	--	--	--	--	--	--	--	--	--

1. Units of measure: mg/L = milligrams per liter, µg/L = micrograms per liter, µmhos/c
 2. -- indicates the constituent was not analyzed for. Analytes not detected are indicated
 3. In cases in which the filtered concentrations exceeded the total, the differences are cc

TABLE D-1

**SOIL ANALYTICAL RESULTS -
VOLATILE ORGANIC COMPOUNDS**
Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Site	Well/Boring No.	Sample No.	Sample Depth (feet bgs) ¹	Sample Date	Volatile Organic Compounds ²	
Broadous	L-D	B-L-D	32.0	08/26/01	ND ³	
Hall House	HA	HA-1	0.5 - 1.0	10/28/02	ND	
	HA	HA-2	8.0 - 8.5	10/28/02	ND	
	H-B1	H-B1	8.0 - 8.5	03/10/05	ND	
IMAX	I-B1	I-B1	5.0	03/10/05	ND	
	LS-02	LS-02	5.0	10/16/01	ND	
Metal Recycler	M-B1	B1-1	4.5 - 5.0	08/22/03	ND	
	M-B2	B2-1	5.0 - 5.5	08/22/03	ND	
	M-B3	B3-1	5.0 - 5.5	08/22/03	ND	
	M-LS-01		LS-01-1	20.0 - 21.5	11/05/03	ND
			LS-01-3	52.0 - 52.5	11/05/03	ND
	M-LS-02		LS-02-1	36.5 - 38.0	11/05/03	ND
Sun-Valley	S-B-01-1	S-B-01-1	22.5 - 23.0	03/17/05	ND	
	S-B-01-2	S-B-01-2	45.5 - 46.0	03/17/05	ND	
	S-1	S-1	5.0 - 5.5	10/29/03	ND	
	S-LS-02		LS-02-45.75	45.75 - 46.25	11/06/03	ND
			LS-02-46.25	46.25 - 46.75	11/06/03	ND
	S-LS-01		LS-01-23.5	23.00 - 23.50	11/11/03	ND
Veteran's Park	V-B1	V-B1	10.0	03/11/05	ND	
	V-LS-01		LS-01-1	10.5 - 11.0	10/29/03	ND
			LS-01-2	15.5 - 18.0	10/29/03	ND

1. feet bgs = feet below ground surface

2. Samples analyzed for volatile and semi-volatile organic compounds using EPA Methods 8260B and 8270C.

3. ND = not detected; sample result is below the reported limit of quantitation.

TABLE D-2

SOIL ANALYTICAL RESULTS - GENERAL MINERALS AND OTHER CONSTITUENTS

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Analyte	Method	Units	Broadous	Hall House			IMAX		Metal Recycler		Sun Valley					Veterans Park	
			B-L-D 8/26/01	HA-1 2/28/02	HA-2 2/28/02	H-B1 3/10/05	I-B1 3/10/05	I-LS-02 10/16/01	M-LS-01 11/5/03	M-LS-02 11/5/03	S-B-01-1 3/17/05	S-B-01-2 3/17/05	S-1 10/29/03	S-LS-01 11/11/03	S-LS-02 11/6/03	V-B1 3/11/05	V-LS-01 10/29/03
Alkalinity, Total (as CaCO ₃)	SM 2320B M	mg/kg ¹	--	--	--	180	60	--	270	50	110	50	--	190	40	610	800
Ammonia	EPA 350.2M	mg/kg	<1.03 ²	38.8	10	25	8.4	<1	<5	<5	17	<5	--	<5	<5	<5	<5
Bicarbonate (as CaCO ₃)	SM 2320B M	mg/kg	--	--	--	170	60	--	130	50	110	50	--	190	40	580	8,000
Bromide	EPA 300.0	mg/kg	<5.17	<0.662	<0.662	<1	<1	<5.75	1.2	<1	<1	<1	--	<1	<1	<1	<1
Calcium	EPA 6010B	mg/kg	6,650	6,790	22,400	5,100	3,310	4,240	5,050	1,870	2,310	3,170	--	3,160	4,690	5,910	17,500
Carbon, Total Organic	EPA 9060	mg/kg	--	94.2	8.67	700	3,800	--	1,700	<500	<500	<500	--	<500	<500	1,200	--
Carbonate (as CaCO ₃)	SM 2320B M	mg/kg	--	--	--	10	<1	--	140	<1	<5	<5	--	<1	<5	30	30
Chemical Oxygen Demand	EPA 410.1M	mg/kg	--	--	--	2,000	7,500	--	4,300	1,800	880	1,500	--	2,200	2,800	3,400	3,600
Chloride	EPA 300.0	mg/kg	29.1	58.8	14.4	<10	<10	28.3	13	22	<10	<10	--	<10	<10	18	47
Fluoride	EPA 340.2M	mg/kg	0.702 J ³	2.59	1.72	4	1.8	<1.15	1.9	0.92	1.5	<0.5	--	2	1.3	4.2	4.5
Hydroxide (as CaCO ₃)	SM 2320B M	mg/kg	--	--	--	<1	<1	--	<1	<1	<5	<5	--	<1	<5	<1	<5
Magnesium	EPA 6010B	mg/kg	3,660	6,610	9,970	5,620	6,650	8,550	3,110	1,790	2,180	2,310	--	2,120	4,200	6,380	5,080
Nitrate (as N)	EPA 300.0	mg/kg	9.3	3.86	<0.143	1.5	1.7	79	1.9	2.9	1.1	1.2	<1	1.8	1.4	1.7	1
Nitrite (as N)	EPA 300.0	mg/kg	<1.03	<0.2	<0.2	<1	<1	<5.75	<1	<1	<1	<1	--	<1	<1	<1	1.1
Nitrogen, Organic	SM 4500-N(org)	mg/kg	--	505	43.2	150	390	430	56	28	93	<10	--	28	98	110	98
o-Phosphate (as P)	EPA 300.0	mg/kg	--	9.26	<2.36	--	--	<5.75	--	--	--	--	6	--	--	--	--
Oil and Grease	EPA 413.1M	mg/kg	14.5	--	--	<10	<10	<11.5	28	46	--	--	--	<10	76	69	20
Perchlorate	EPA 314.0M	µg/kg	330	<12.6	<12.6	<20	<20	24.8 J	<20	<20	<20	<20	--	<20	<20	<20	<20
pH	EPA 9045C	pH units	8.82	7.05	8.06	7.58	6.67	7.34	8.76	8.38	7.14	7.68	--	8.25	6.8	7.78	9.24
Phosphorus	EPA 365.3M	mg/kg	--	140	11.5	270	730	--	450	340	190	200	--	340	680	760	230
Potassium	EPA 6010B	mg/kg	1,880	4,220	3,960	3,350	3,020	3,880	840	983	1,410	1,300	--	1,350	2,590	3,210	408
Sodium	EPA 6010B	mg/kg	318	432	689	254	129	282	287	177	136	156	--	499	256	208	197
Sulfate	EPA 300.0	mg/kg	40.2	73.4	18	<10	<10	107	140	170	<10	<10	--	130	70	31	400
Surfactants	EPA 425.1M	mg/kg	--	--	--	<1	<1	--	<0.1	<0.1	<1	<1	--	<1	<0.1	<1	<1
Total Kjeldahl Nitrogen	EPA 351.3M	mg/kg	7.56	544	53.2	170	390	374	56	28	110	<10	<10	28	98	110	98

1. mg/kg = milligrams per kilogram; µg/kg = micrograms per kilogram.
2. Constituents that are not detected are denoted as being < their reporting limit.

TABLE D-3

SOIL ANALYTICAL RESULTS - METALS

Los Angeles and San Gabriel Rivers Watershed Council
Water Augmentation Study

Analyte	Method	Units ¹	Broadous	Hall House			IMAX		Metal Recycler		Sun Valley			
			B-L-D 8/26/01	HA-1 2/28/02	HA-2 2/28/02	H-B1 3/10/05	I-B1 3/10/05	I-LS-02 10/16/01	M-LS-01 11/5/03	M-LS-02 11/5/03	S-B-01-1 3/17/05	S-B-01-2 3/17/05	S-1 10/29/03	S-LS-01 11/11/03
Aluminum	EPA 6010B	mg/kg	6,820	13,200	18,400	9,320	15,300	27,000	6,120	3,770	4,760	4,570	--2	6,100
Antimony	EPA 6010B	mg/kg	<10.3	<2.48	<2.48	<0.75	<0.75	<11.5	1	<0.75 ³	<0.75	<0.75	<0.75	0.881
Arsenic	EPA 6010B	mg/kg	--	3.01	1.03	<0.75	10.7	15.6	<0.75	<0.75	1.74	1.14	<0.75	<0.75
Barium	EPA 6010B	mg/kg	117	140	132	82.5	125	156	75.8	39.5	72.3	47.3	29.1	49
Beryllium	EPA 6010B	mg/kg	<1.03	<0.139	<0.139	<0.25	0.691	0.961 J ⁴	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Boron	EPA 6010B	mg/kg	--	--	--	1.56	<1	--	6.69	1	16.2	16.2	--	<1
Cadmium	EPA 6010B	mg/kg	<1.03	<0.426	<0.426	<0.5	0.649	<1.15	1	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	EPA 6010B	mg/kg	12.3	19.3	22.5	10.5	38.3	51.8	4.31	5.49	3.2	4.01	2.29	7.27
Chromium, Hexavalent	EPA 7199	µg/kg	<450	--	--	46	410	<506	46	<40	<40	<40	--	<40
Cobalt	EPA 6010B	mg/kg	5.61	7.62	9.78	8.42	14.3	15.9	6.03	2.95	3.44	3.86	2.32	3.5
Copper	EPA 6010B	mg/kg	12.2	28	20.7	16.2	37.9	41.9	5.23	21.1	8.16	13.4	4.08	17
Iron	EPA 6010B	mg/kg	13,800	17,700	23,500	14,000	32,000	35,600	9,360	4,670	5,820	6,170	--	6,630
Lead	EPA 6010B	mg/kg	--	93.4	1.63	2.14	8.89	9.1	40	1.19	1.43	5.42	0.544	2.38
Manganese	EPA 6010B	mg/kg	175	336	448	262	497	592	195	141	118	110	--	142
Mercury	EPA 7471A	mg/kg	<0.103	0.185	0.072	<0.0835	<0.0835	0.031 J	0	<0.0835	<0.0835	<0.835	<0.0835	<0.0835
Molybdenum	EPA 6010B	mg/kg	--	--	--	0.883	<0.25	--	0.59	0.8	<0.25	<0.25	<0.25	0.498
Nickel	EPA 6010B	mg/kg	4.85	13.2	15.7	8.1	38.4	48.2	9.82	2.76	2.93	3.46	1.66	3.75
Selenium	EPA 6010B	mg/kg	--	<0.336	<0.336	<0.75	<0.75	0.621 J	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
Silver	EPA 6010B	mg/kg	<2.07	<0.74	<0.74	<0.25	<0.25	<2.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Strontium	EPA 6010B	mg/kg	--	--	--	62.3	30	--	39	20.9	65.9	30.7	--	50.3
Thallium	EPA 6010B	mg/kg	--	<0.359	<0.359	<0.75	<0.75	<2.3	5.98	3.34	<0.75	<0.75	<0.75	7.35
Tin	EPA 6010B	mg/kg	--	--	--	<2.5	<2.5	--	3	<2.5	<2.5	<2.5	--	<2.5
Titanium	EPA 6010B	mg/kg	--	--	--	1,160	3,730	--	581	326	405	405	--	462
Vanadium	EPA 6010B	mg/kg	13.6	36.7	50	28.6	61.5	83.4	8.47	8.16	10.1	10.5	8.78	10.5
Zinc	EPA 6010B	mg/kg	23.3 B ⁵	175	67.4	49.3	85.3	97.5	173	21.2	20.4	22.6	15.1	25.1

1. mg/kg = milligrams per kilogram; µg/kg = micrograms per kilogram.
2. "--" = not analyzed.
3. Constituents that are not detected are denoted as being < their reporting limit.

TABLE D-3**SOIL ANALYTICAL RESULTS - METALS**

	Veterans Park	
S-LS-02 11/6/03	V-B1 3/11/05	V-LS-01 10/29/03
8,280	8,880	6,780
1	<0.75	<0.75
<0.75	3.42	<0.75
78.1	85.8	7.11
<0.25	<0.25	<0.25
<1	2.9	<1
<0.5	<0.5	<0.5
7.88	13.8	29.4
<40	<40	220
7.78	8.58	7.49
25.2	15.6	43.2
12,600	15,000	26,700
2.47	3.24	6.49
187	362	64.3
<0.0835	<0.0835	<0.0835
<0.25	<0.25	<0.25
6.07	12.3	9.28
<0.75	<0.75	<0.75
<0.25	<0.25	<0.25
41.7	47.2	79.3
8	<0.75	<0.75
<2.5	<2.5	2.71
848	715	614
23.7	27.8	49.1
43.5	42.5	88.7

Appendix E: Mann Kendall Trend Analysis Summary

Significant Mann-Kendall Trends

Location	Constituent	Actual Value	Critical Value	Trend
M-LS-03	Arsenic - Dissolved	-10	+/-8	-
M-LS-04	Arsenic - Dissolved	-8	+/-8	-
M-LS-03	Arsenic - Total	-10	+/-8	-
M-MW-01	Arsenic - Total	-34	+/-26	-
M-MW-01	Chloride	49	+/-26	+
M-LS-03	Copper - Dissolved	8	+/-8	+
M-LS-03	Copper - Total	8	+/-8	+
M-SW-02	Glyphosate	8	+/-8	+
M-SW-02	Lead - Dissolved	8	+/-8	+
M-SW-02	Oxygen Demand	8	+/-8	+
M-SW-01	Perchlorate	8	+/-8	+
M-SW-01	TDS	8	+/-8	+
M-LS-01	TKN	-16	+/-16	-
M-LS-04	TKN	-9	+/-8	-
M-SW-02	Zinc - Dissolved	-8	+/-8	-
M-LS-03	Zinc - Dissolved	8	+/-8	+
M-LS-03	Zinc - Total	8	+/-8	+
S-LS-02	Acetone	-27	+/-18	-
S-LS-01	Arsenic - Dissolved	-26	+/-18	-
S-LS-02	Arsenic - Dissolved	-18	+/-18	-
S-LS-04	Arsenic - Dissolved	-26	+/-18	-
S-LS-01	Arsenic - Total	-20	+/-18	-
S-LS-02	Arsenic - Total	-20	+/-18	-
S-LS-04	Arsenic - Total	-24	+/-18	-
S-LS-02	Chloride	-29	+/-18	-
S-LS-03	Chloride	-20	+/-18	-
S-SW-03	Copper - Dissolved	-8	+/-8	-
S-LS-03	Copper - Total	20	+/-18	+
S-SW-02	Lead - Dissolved	-8	+/-8	-
S-SW-01	Lead - Total	-10	+/-8	-
S-LS-01	TDS	-18	+/-18	-
S-LS-02	TDS	-20	+/-18	-
S-LS-05	TDS	-15	+/-11	-
S-SW-01	TKN	-8	+/-8	-
S-SW-01	Zinc - Dissolved	8	+/-8	+
S-LS-02	Zinc - Dissolved	26	+/-18	+
S-LS-02	Zinc - Total	18	+/-18	+
V-MW-02	Arsenic - Dissolved	-64	+/-28	-
V-MW-03	Arsenic - Dissolved	-66	+/-38	-
V-LS-02	Arsenic - Total	-18	+/-18	-
V-MW-02	Arsenic - Total	-66	+/-28	-
V-MW-03	Arsenic - Total	-60	+/-38	-
V-SW-01	Copper - Dissolved	8	+/-8	+

Appendix E: Mann Kendall Trend Analysis Summary

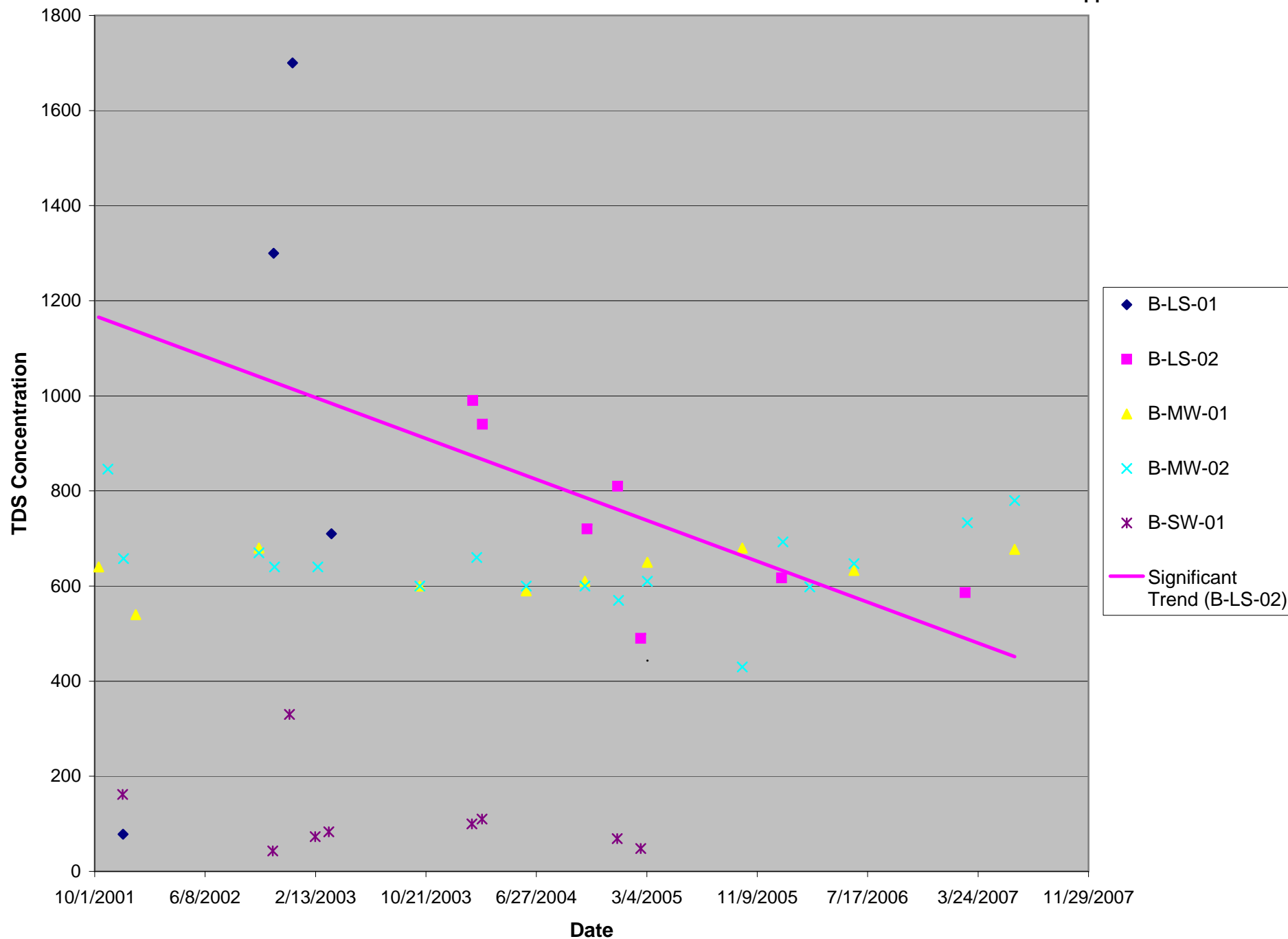
Significant Mann-Kendall Trends

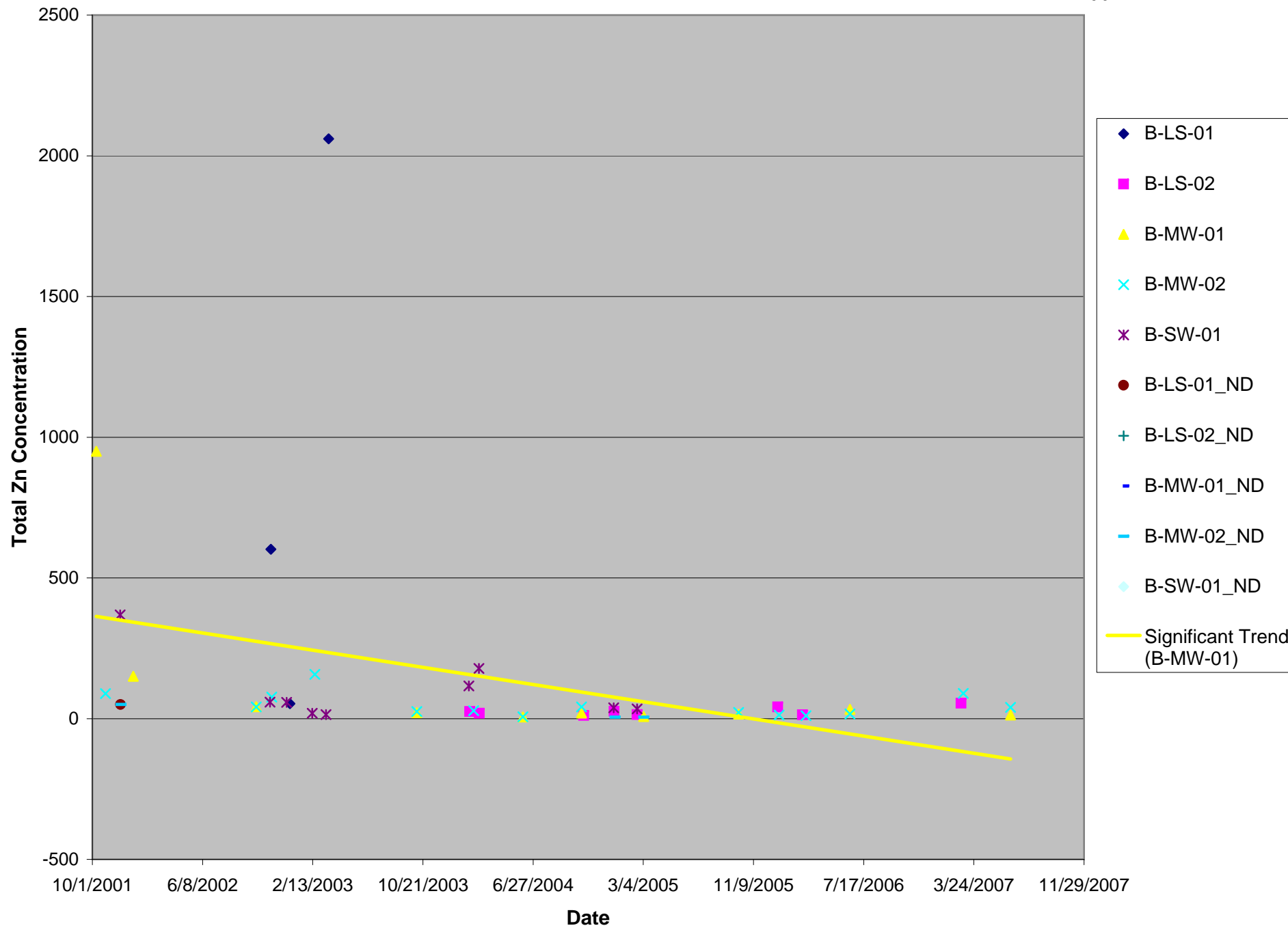
Location	Constituent	Actual Value	Critical Value	Trend
V-MW-02	Copper - Dissolved	-46	+/-28	-
V-MW-04	Copper - Dissolved	-80	+/-38	-
V-MW-02	Copper - Total	-38	+/-28	-
V-MW-04	Copper - Total	-68	+/-38	-
V-MW-02	COD	-46	+/-28	-
V-MW-04	COD	-79	+/-38	-
V-SW-01	Chloride	8	+/-8	+
V-LS-01	Chloride	-23	+/-18	-
V-LS-02	Chloride	-28	+/-18	-
V-MW-01	Chloride	13	+/-13	+
V-MW-02	Chloride	-53	+/-28	-
V-MW-03	Chloride	-55	+/-38	-
V-MW-04	Chloride	-113	+/-38	-
V-LS-01	Nitrate	-20	+/-18	-
V-LS-02	Nitrate	-28	+/-18	-
V-MW-02	Nitrate	49	+/-28	+
V-MW-03	Nitrate	-59	+/-38	-
V-MW-04	Nitrate	-104	+/-38	-
V-SW-01	TDS	8	+/-8	+
V-LS-01	TDS	-20	+/-18	-
V-LS-02	TDS	-34	+/-18	-
V-MW-02	TDS	-62	+/-28	-
V-MW-03	TDS	-77	+/-38	-
V-MW-04	TDS	-95	+/-38	-
V-SW-01	TKN	8	+/-8	+
V-LS-02	TKN	-22	+/-18	-
V-MW-04	TKN	-51	+/-38	-
V-SW-01	Zinc - Dissolved	8	+/-8	+
V-MW-03	Zinc - Dissolved	38	+/-38	+
I-SW-02	Arsenic - Dissolved	21	+/-16	+
I-LS-03	Arsenic - Dissolved	-11	+/-11	-
I-LS-03	Arsenic - Total	-11	+/- 11	-
I-MW-01	Chloride	-25	+/- 23	-
I-MW-01	Copper - Dissolved	-21	+/-23	-
I-MW-02	Copper - Dissolved	-63	+/-52	-
I-MW-01	Copper - Total	-38	+/- 23	-
I-MW-02	Copper - Total	-83	+/- 52	-
I-LS-01	Lead - Total	-39	+/- 26	-
I-LS-02	Nitrate	-10	+/-8	-
I-LS-01	Oxygen Demand	37	+/-26	+
I-MW-02	Zinc - Dissolved	-63	+/- 52	-
I-LS-01	Zinc - Total	-32	+/-26	-
I-LS-03	Zinc - Total	11	+/-11	+

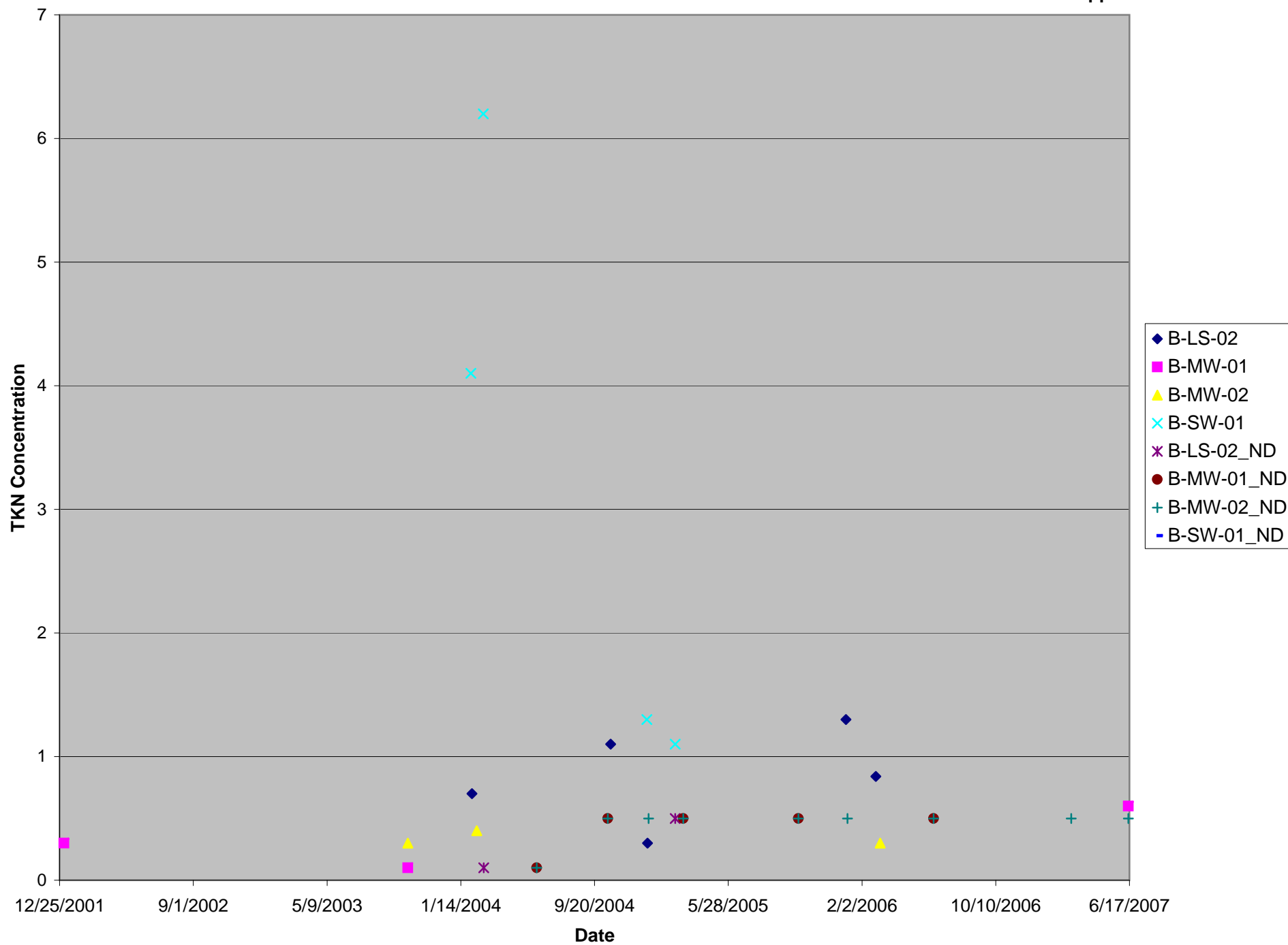
Appendix E: Mann Kendall Trend Analysis Summary

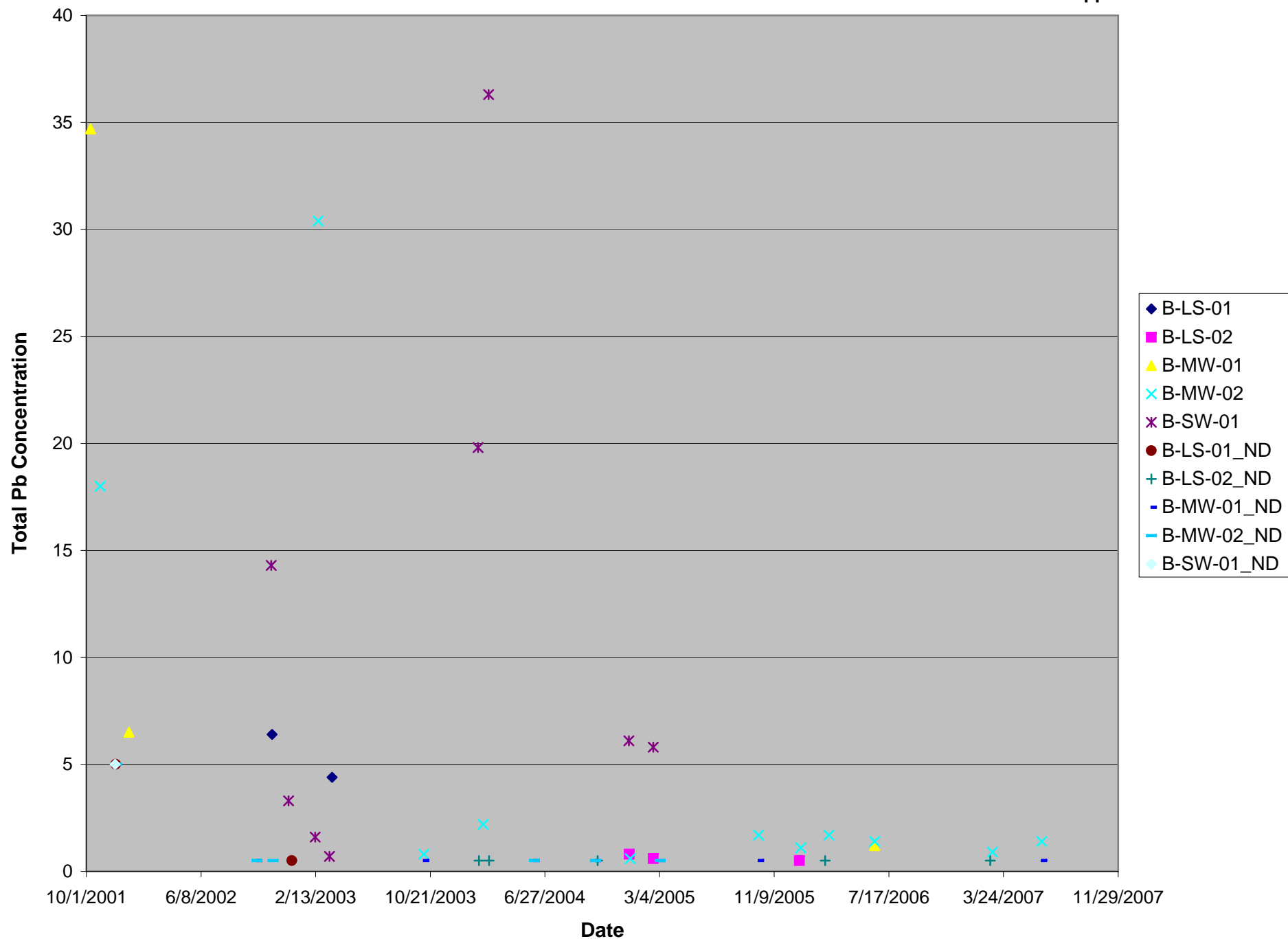
Significant Mann-Kendall Trends

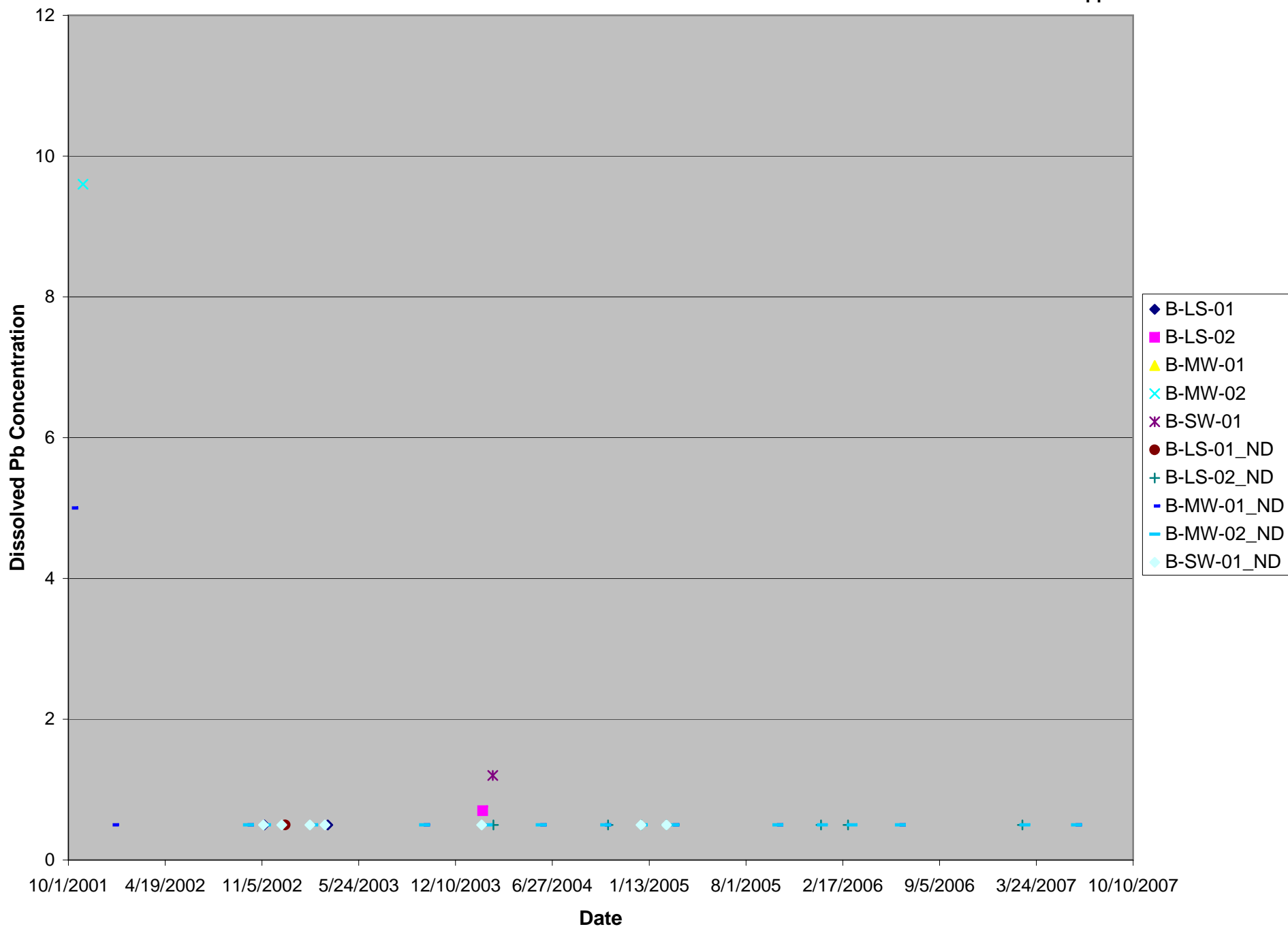
Location	Constituent	Actual Value	Critical Value	Trend
H-SW-02	Copper - Dissolved	-8	+/-8	-
H-LS-01	Copper - Dissolved	-11	+/-11	-
H-LS-01	Copper - Total	-8	+/-8	-
H-SW-02	TDS	8	+/-8	+
H-LS-01	Zinc - Dissolved	-13	+/-11	-
B-MW-01	Copper - Dissolved	-25	+/-21	-
B-MW-02	Copper - Dissolved	-67	+/-42	-
B-MW-01	Copper - Total	-21	+/-21	-
B-MW-02	Copper - Total	-68	+/-42	-
B-MW-02	Oxygen Demand	-56	+/-42	-
B-LS-02	TDS	-18	+/-16	-
B-MW-01	Zinc - Total	-23	+/-21	-

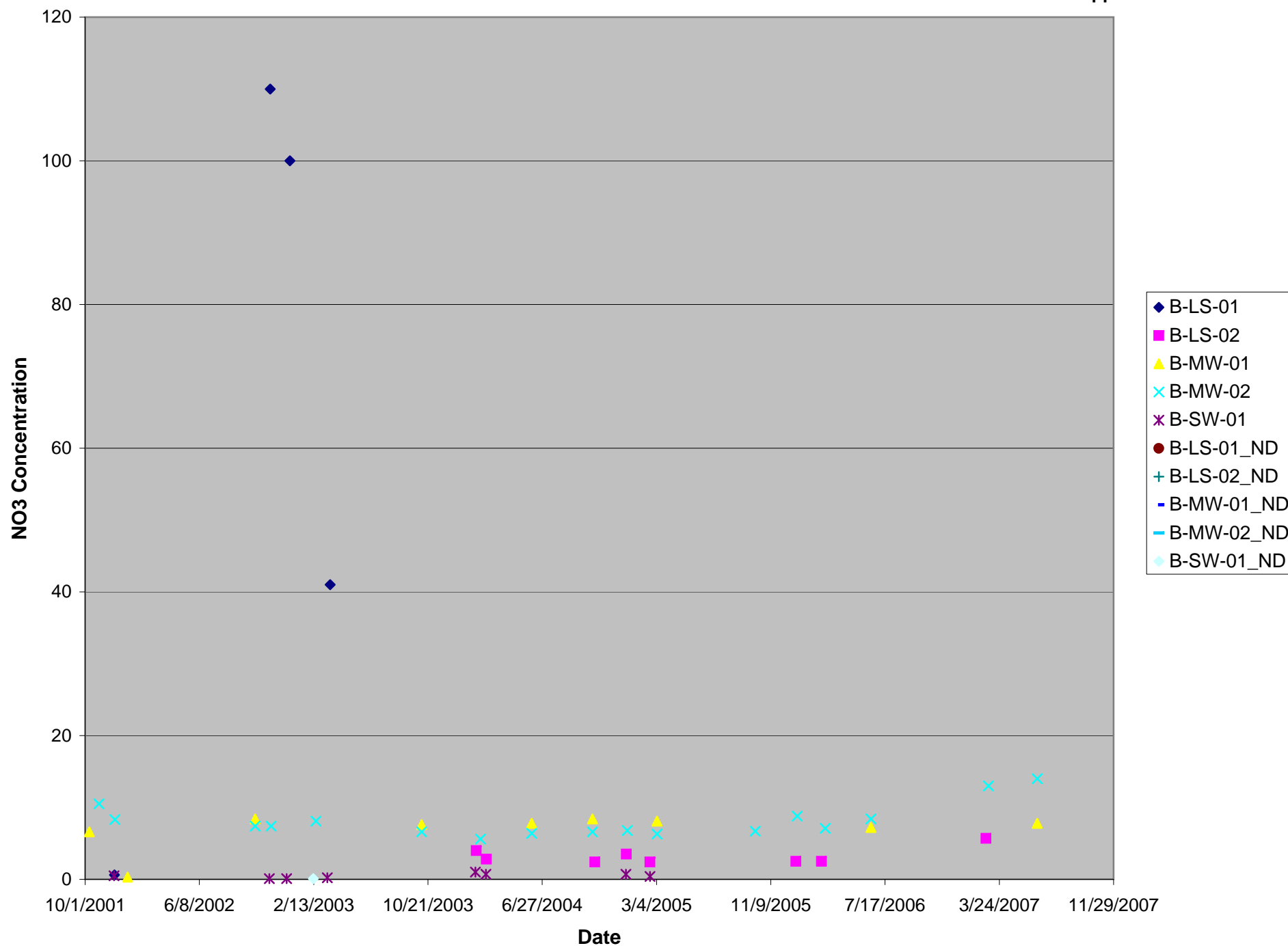


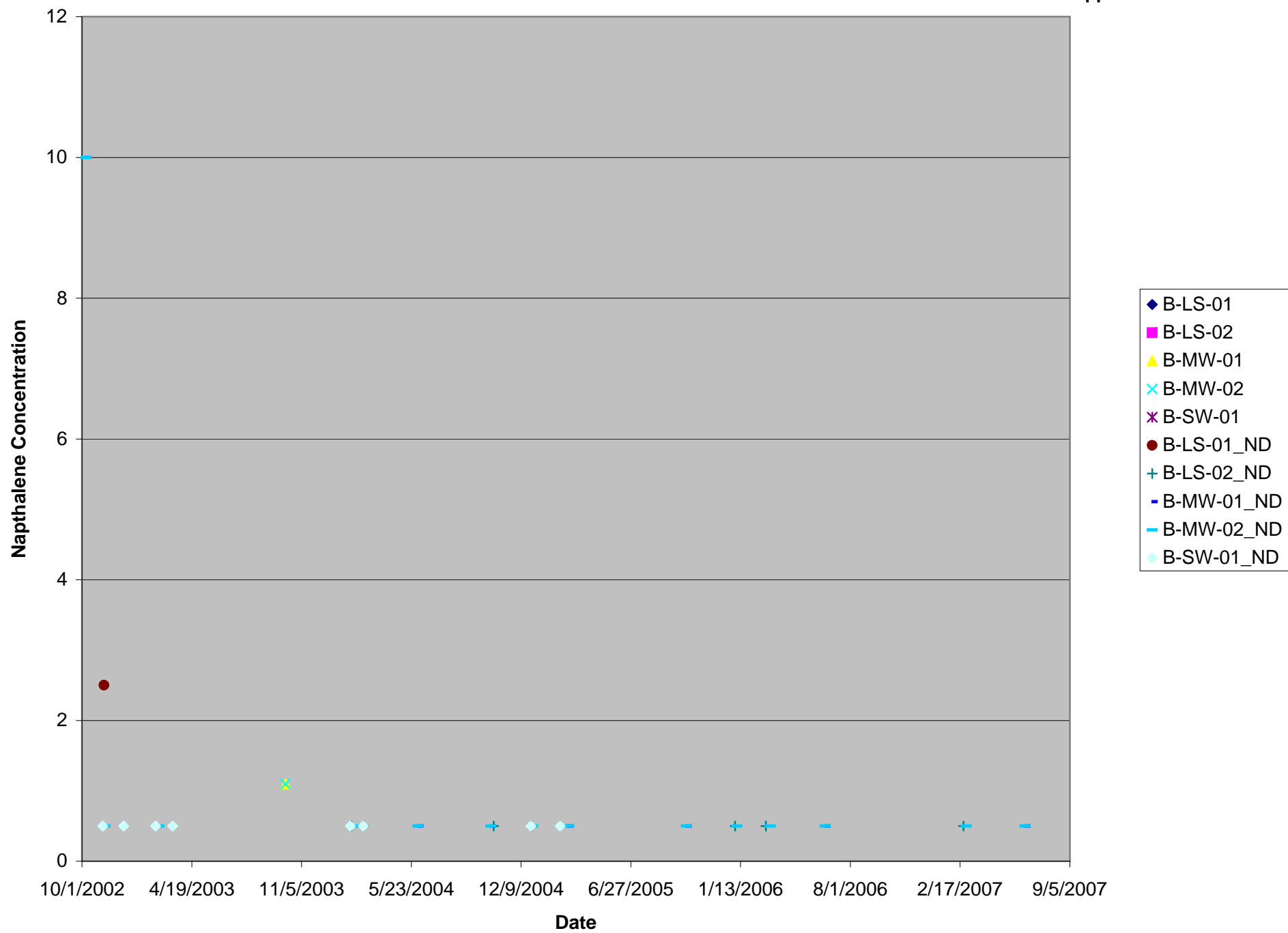


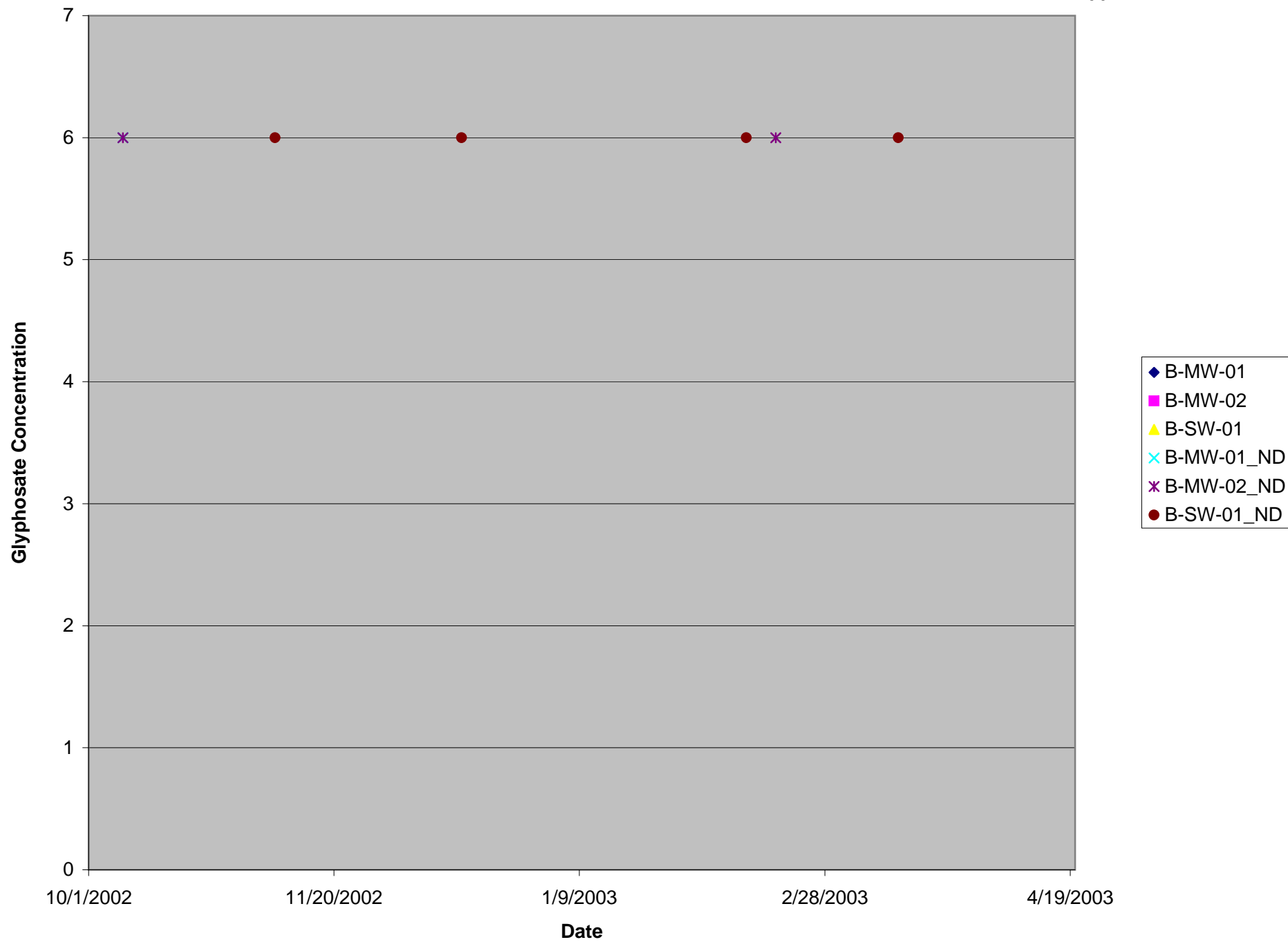


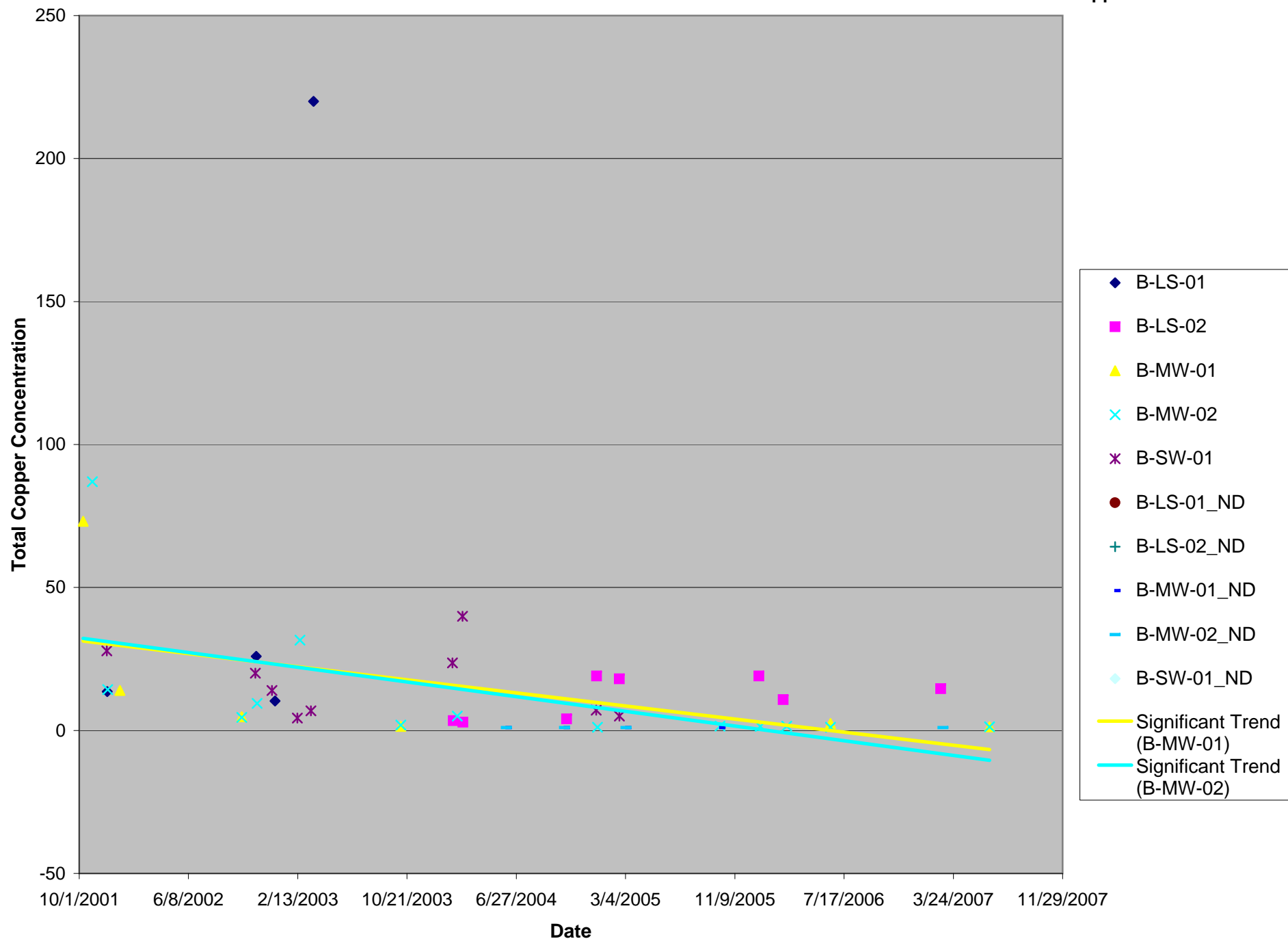


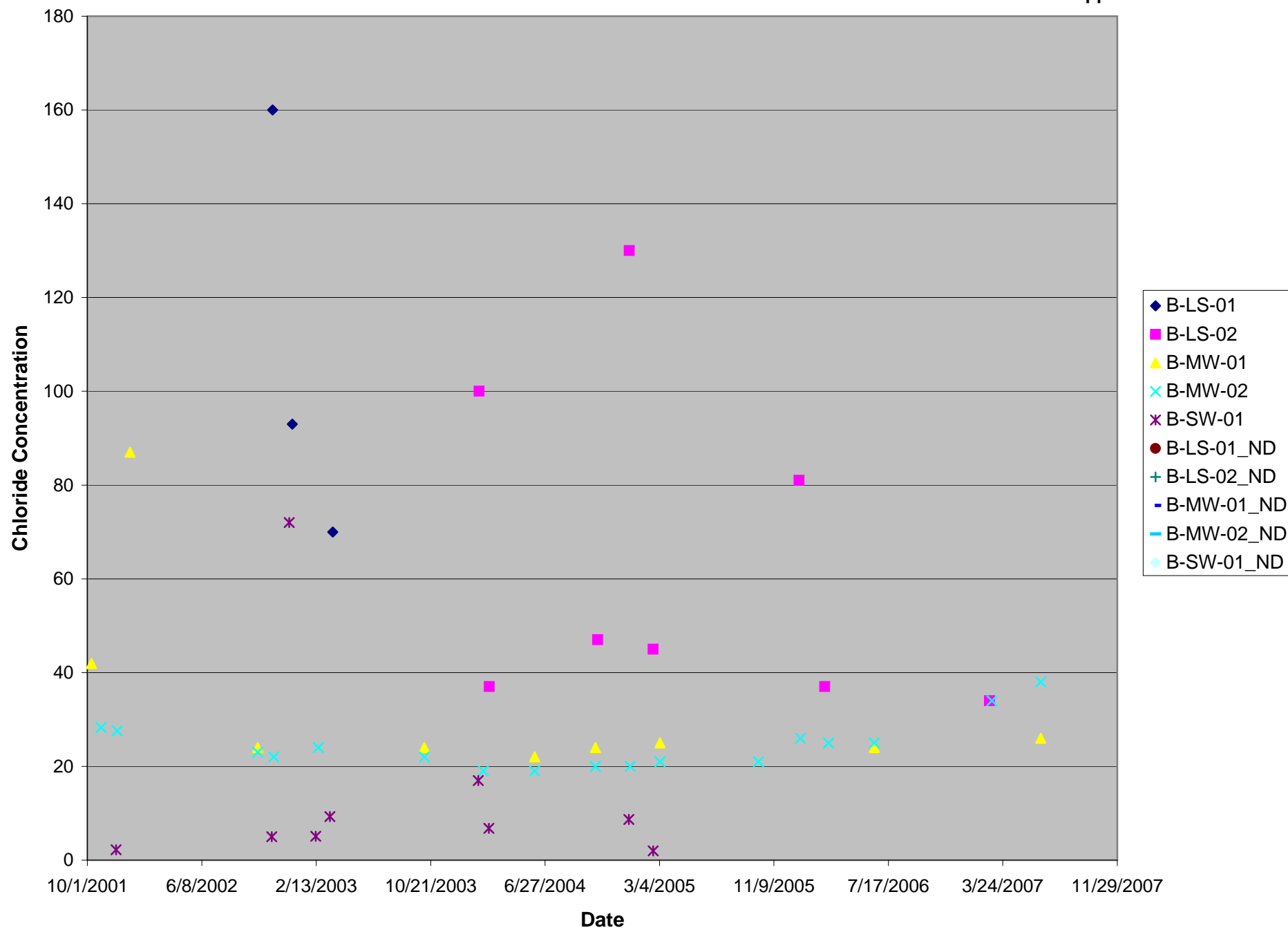


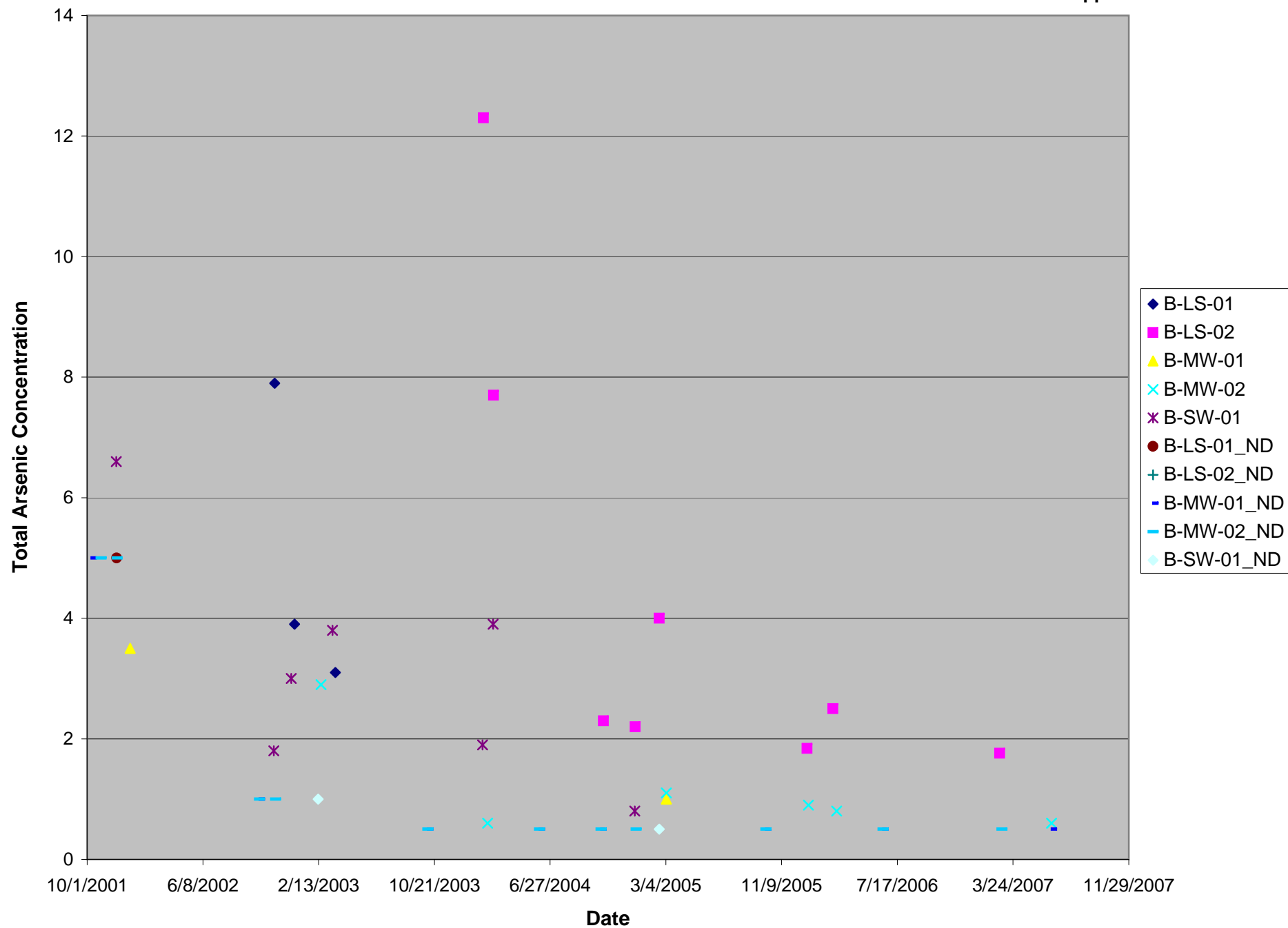


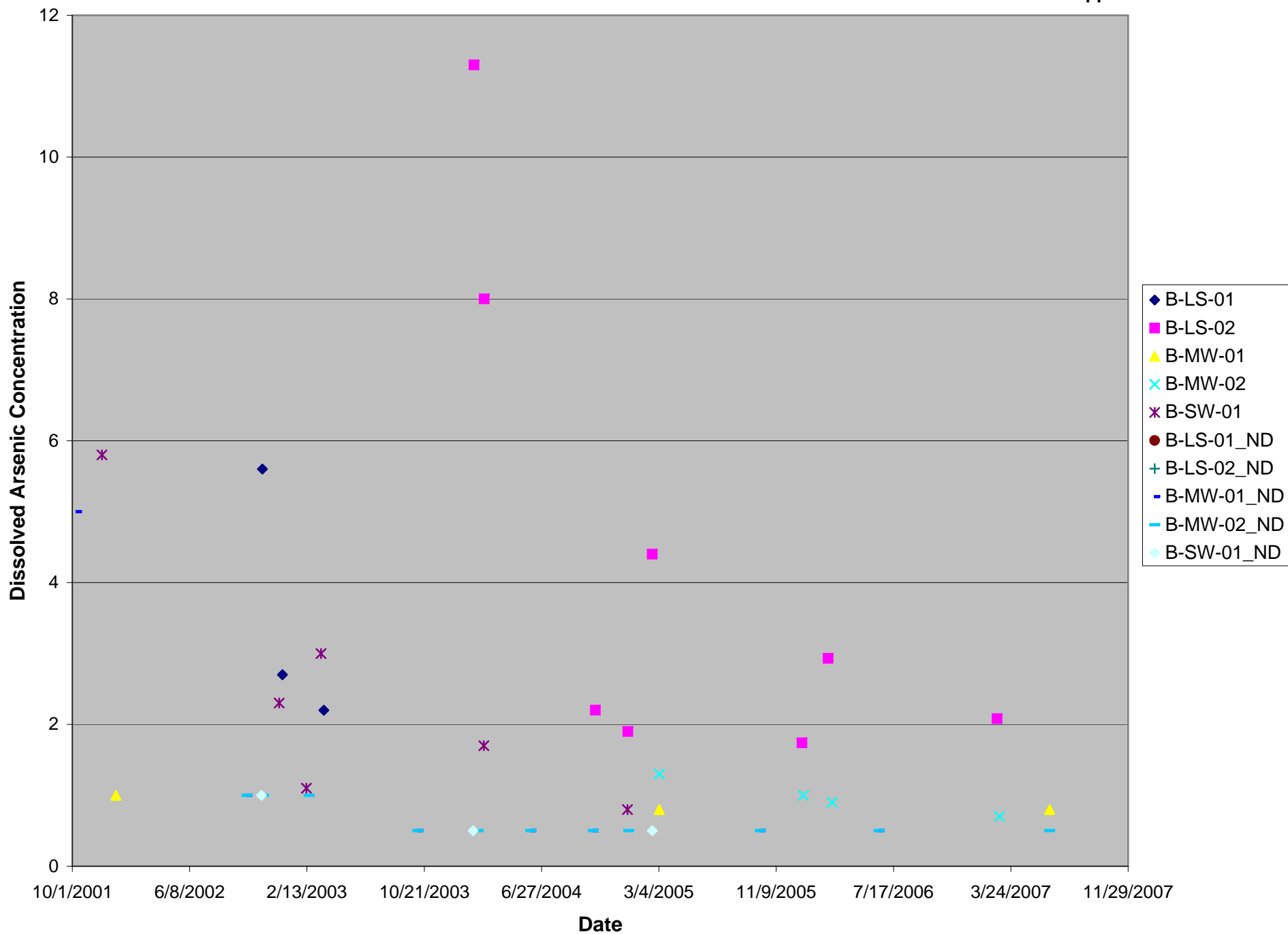




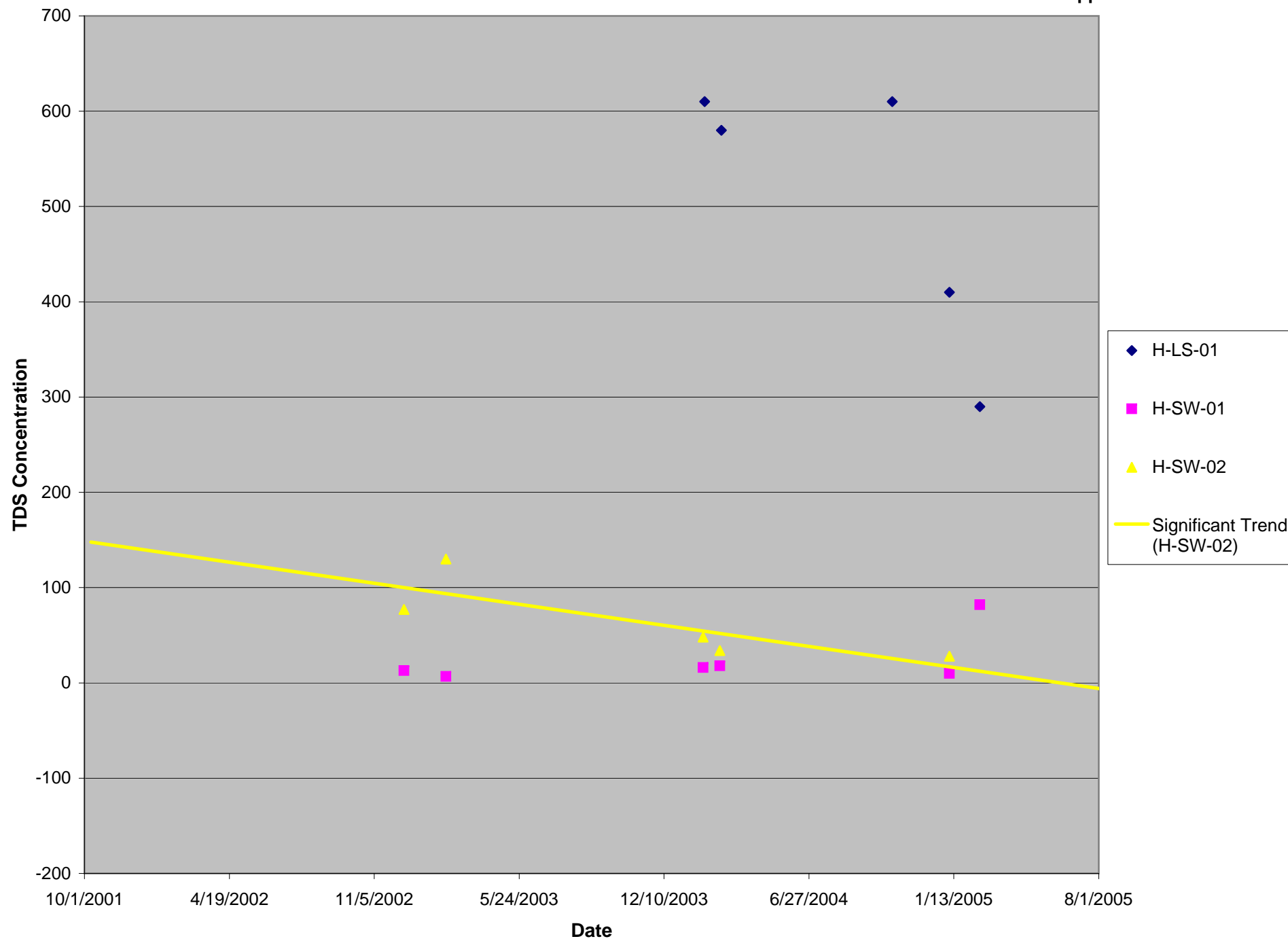




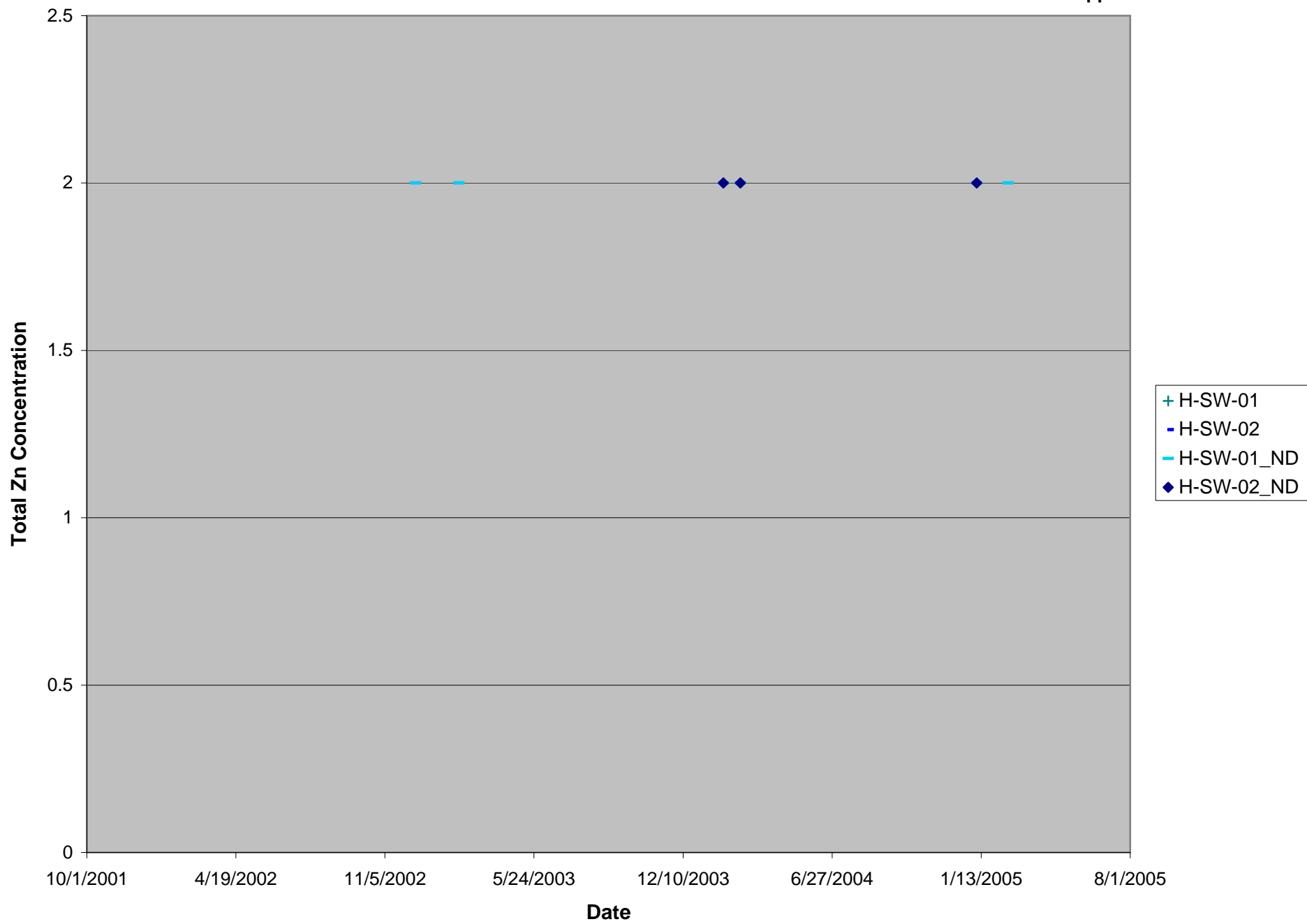




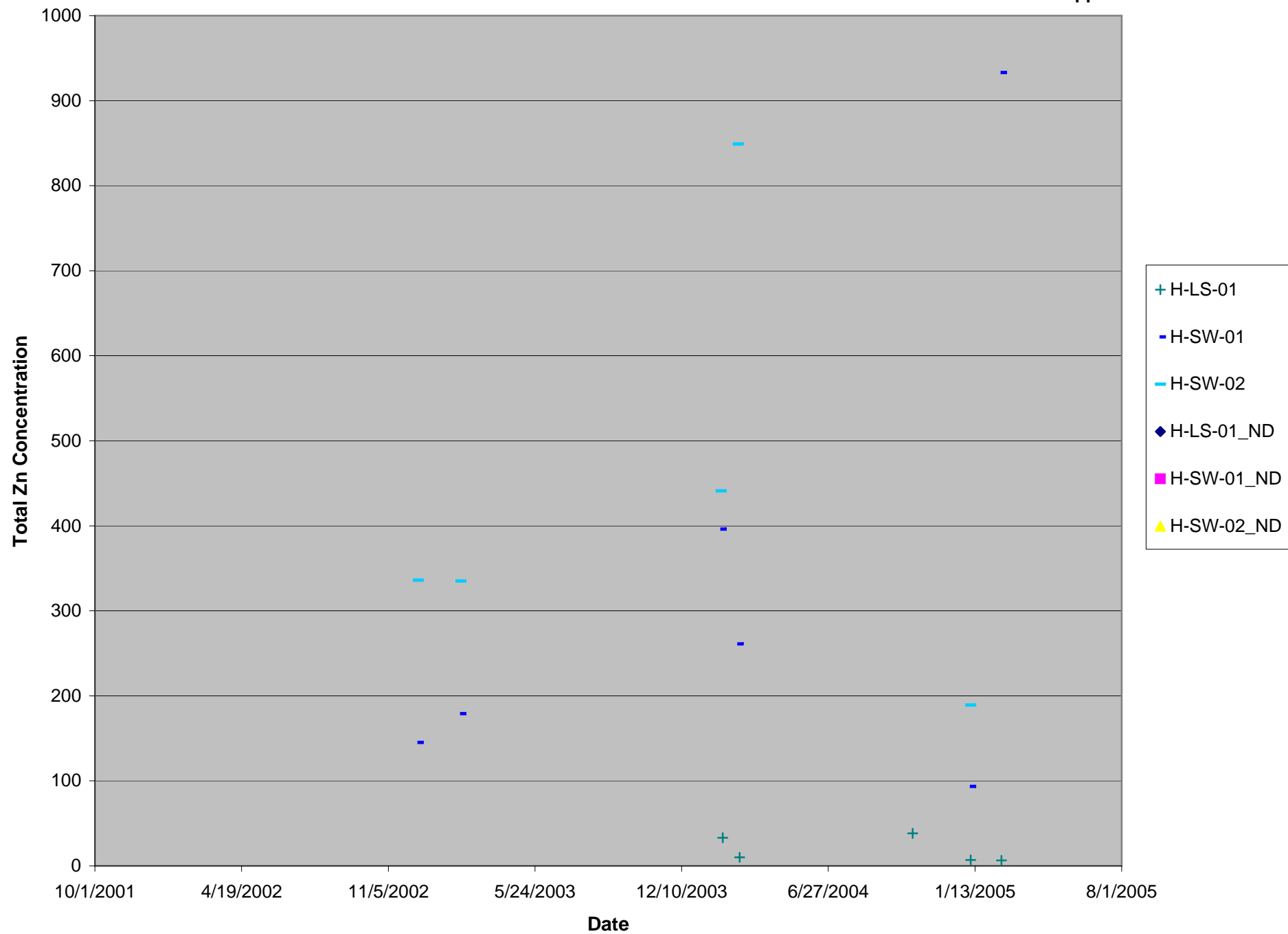
Appendix E: Hall House



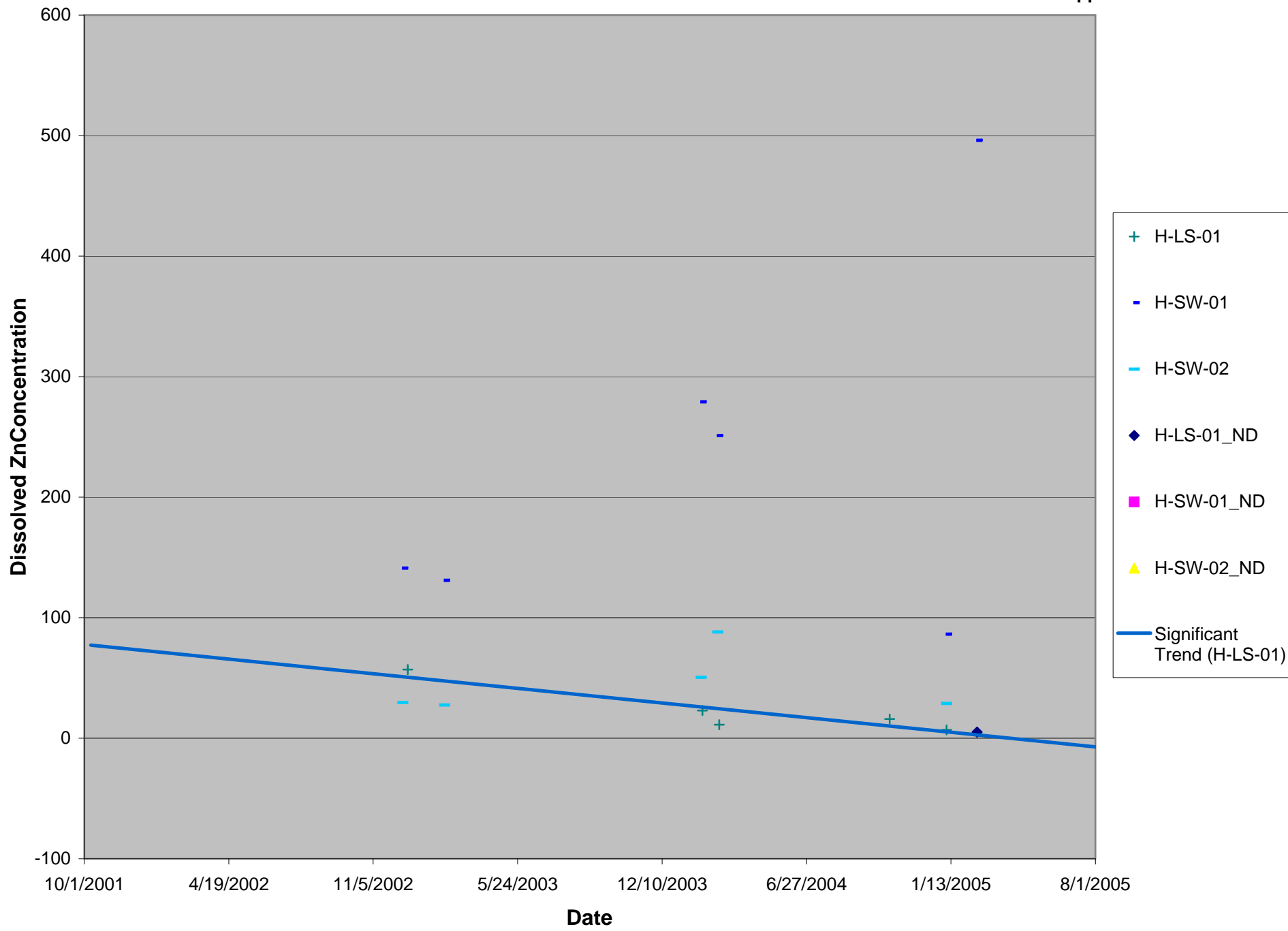
Appendix E: Hall House



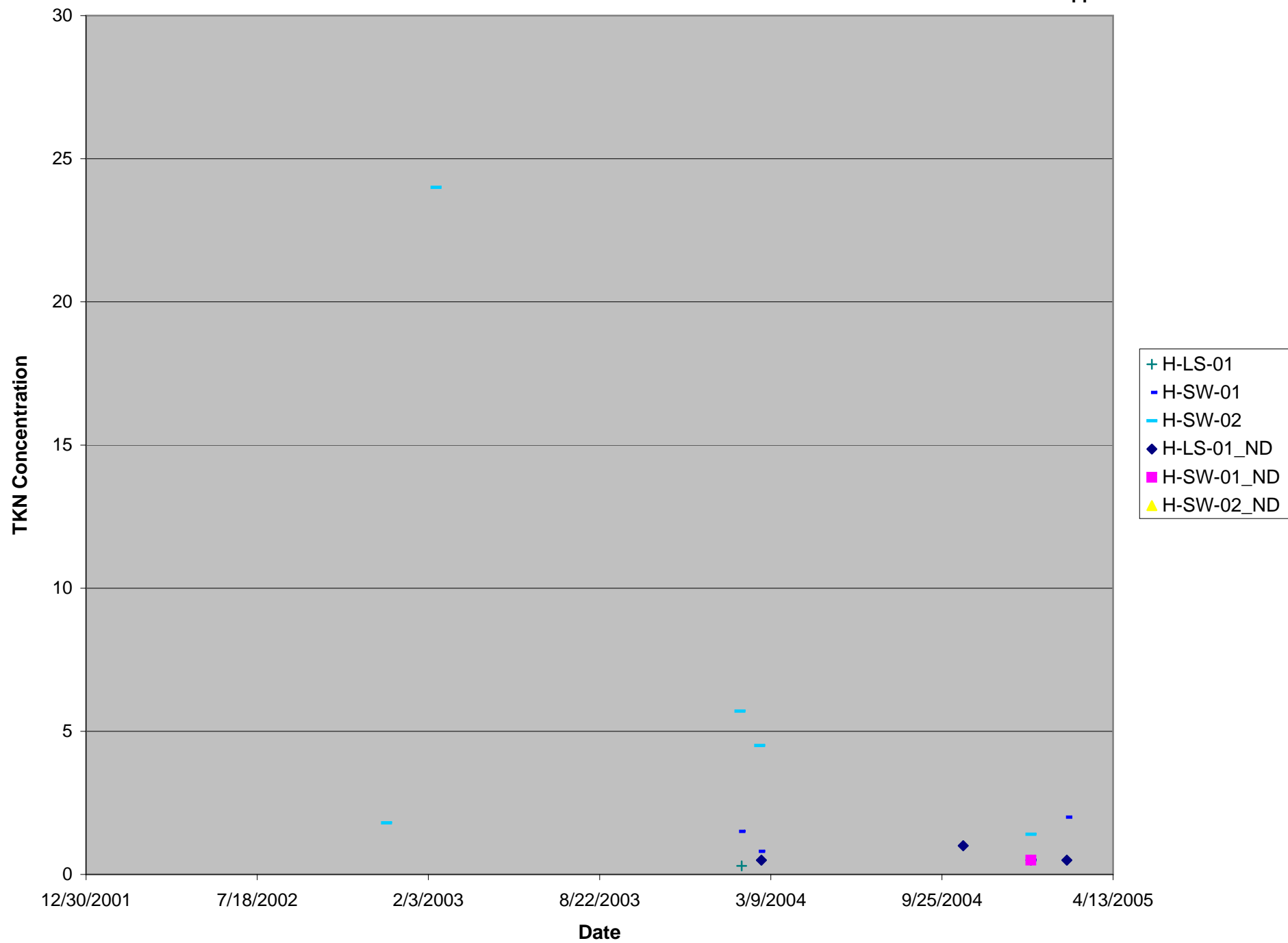
Appendix E: Hall House



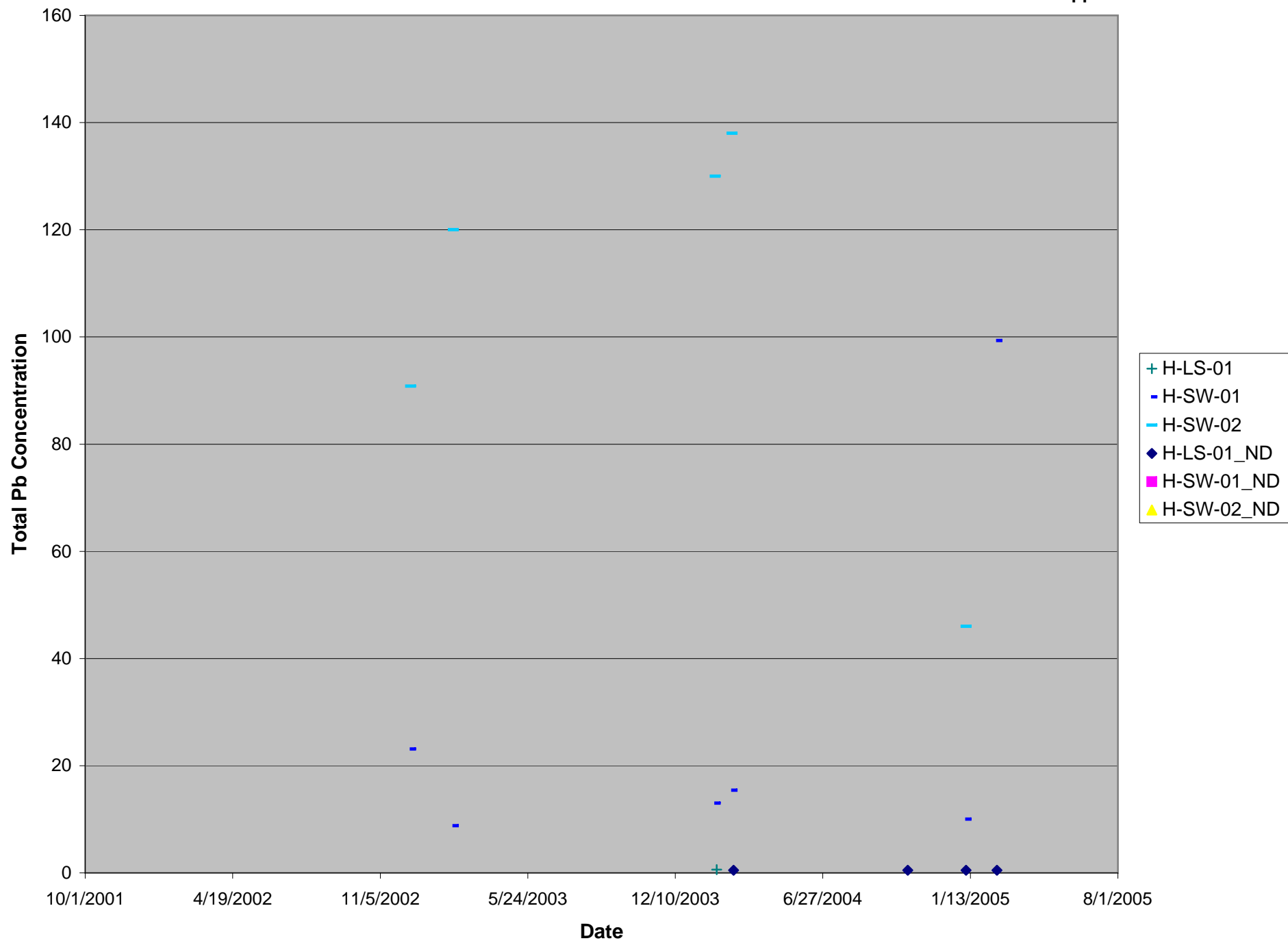
Appendix E: Hall House

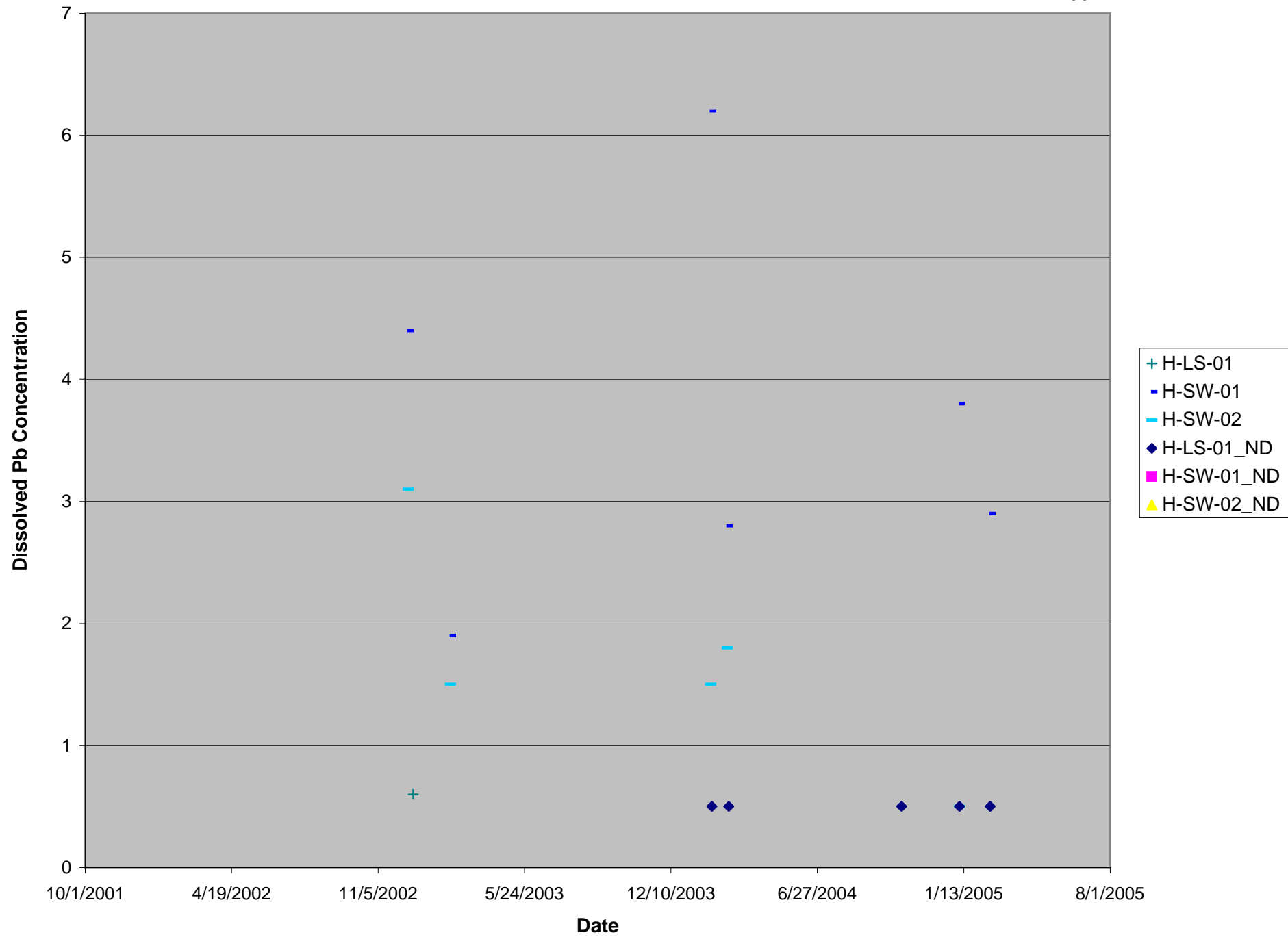


Appendix E: Hall House

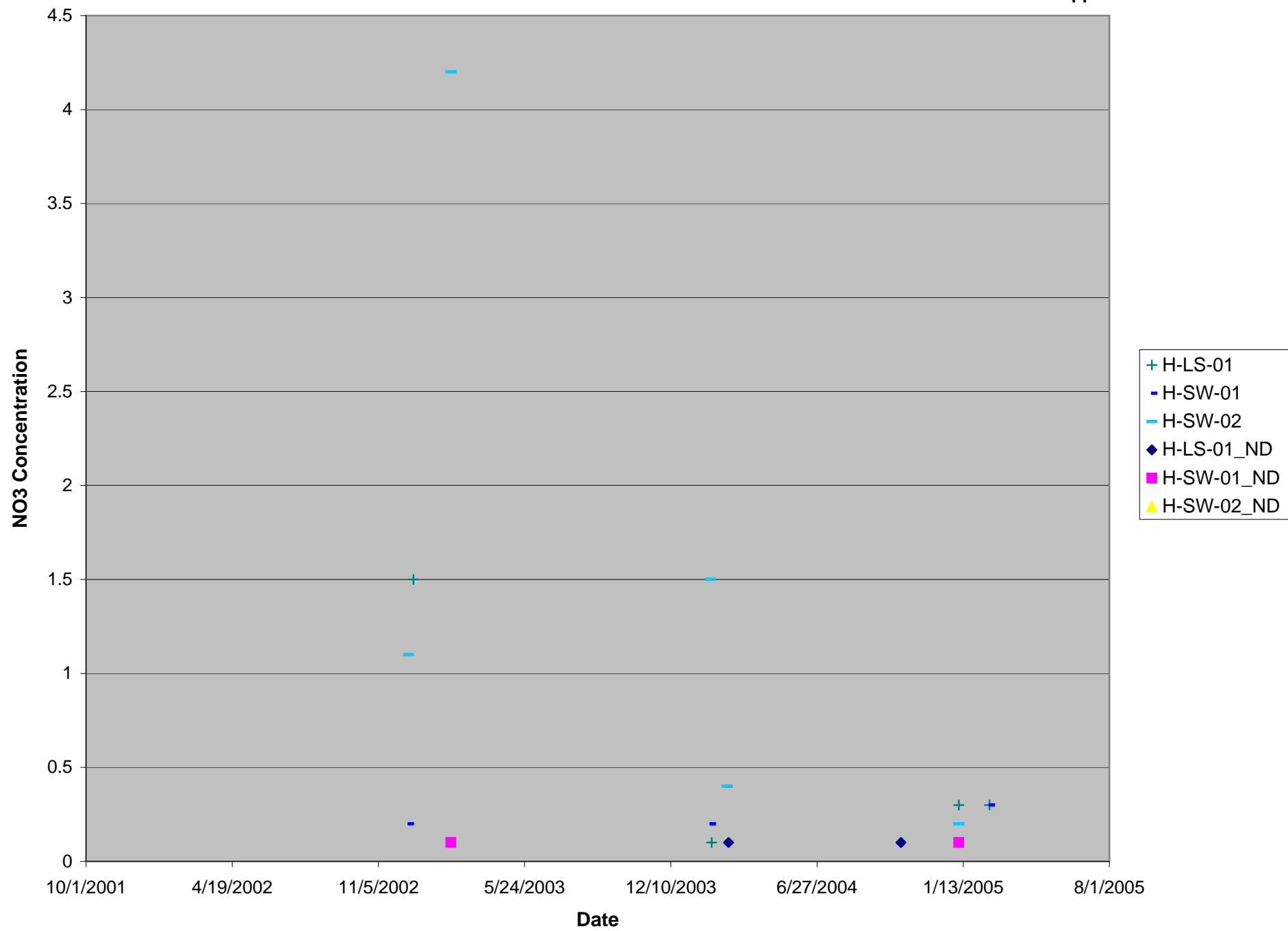


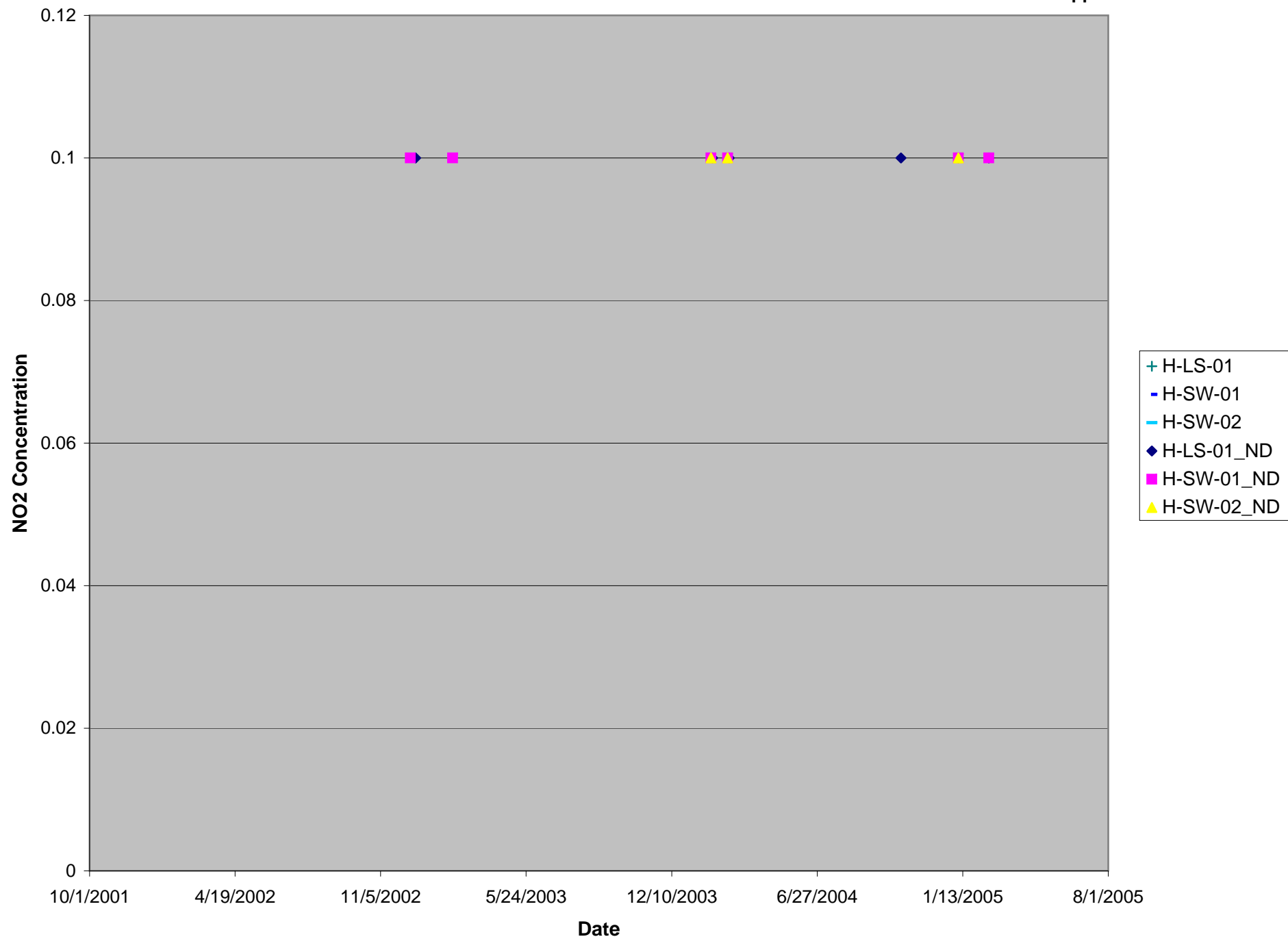
Appendix E: Hall House

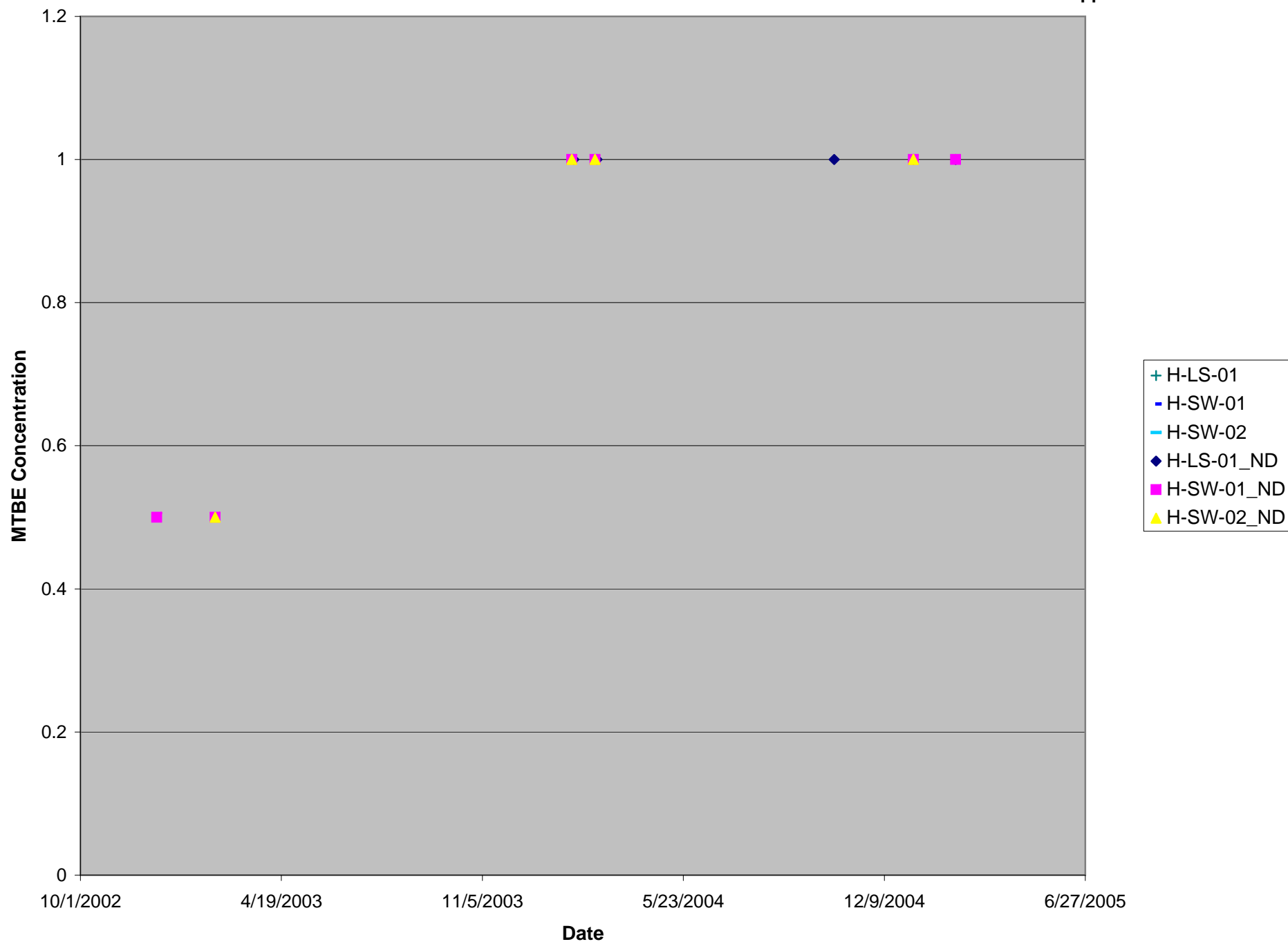




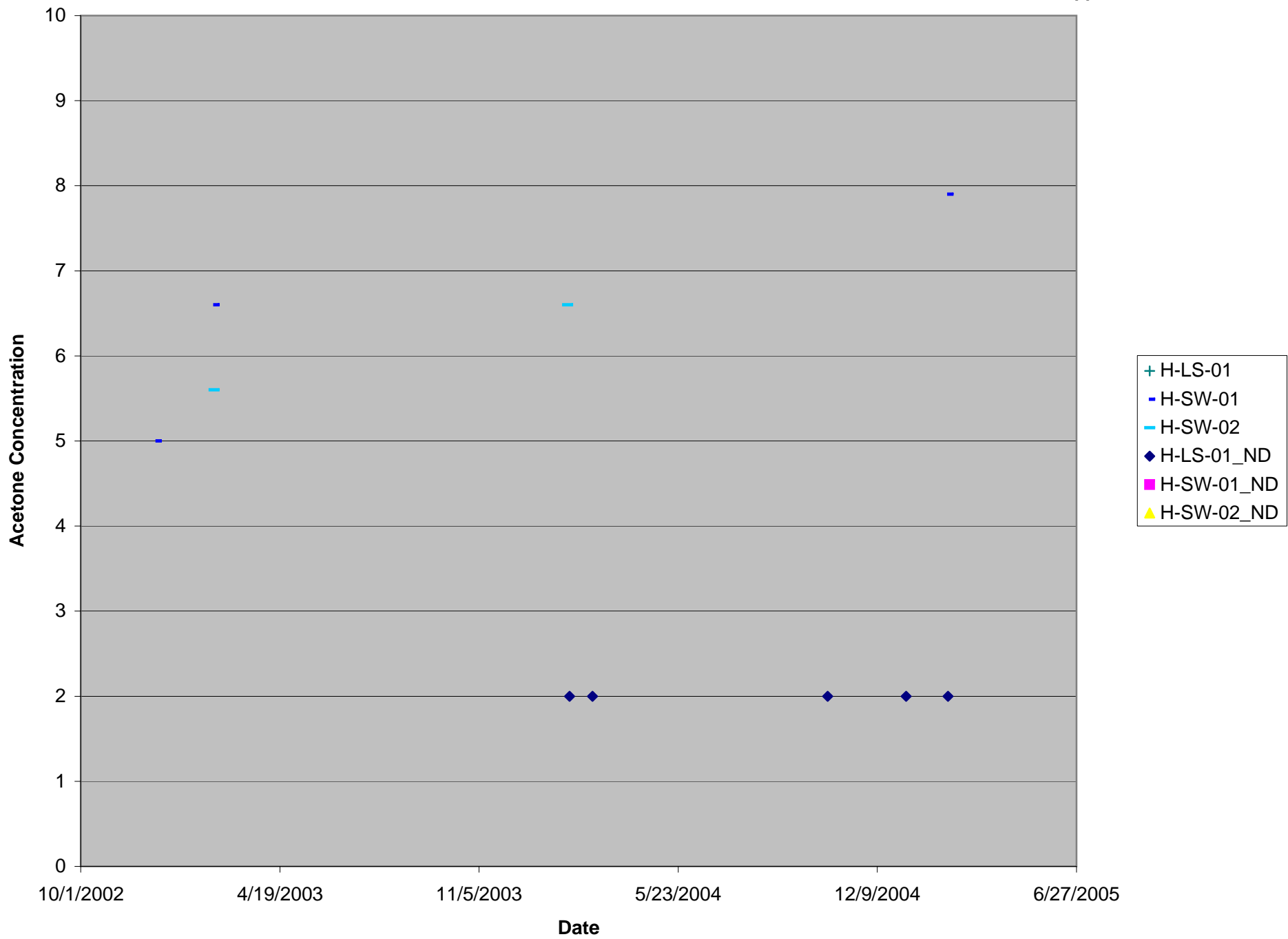
Appendix E: Hall House

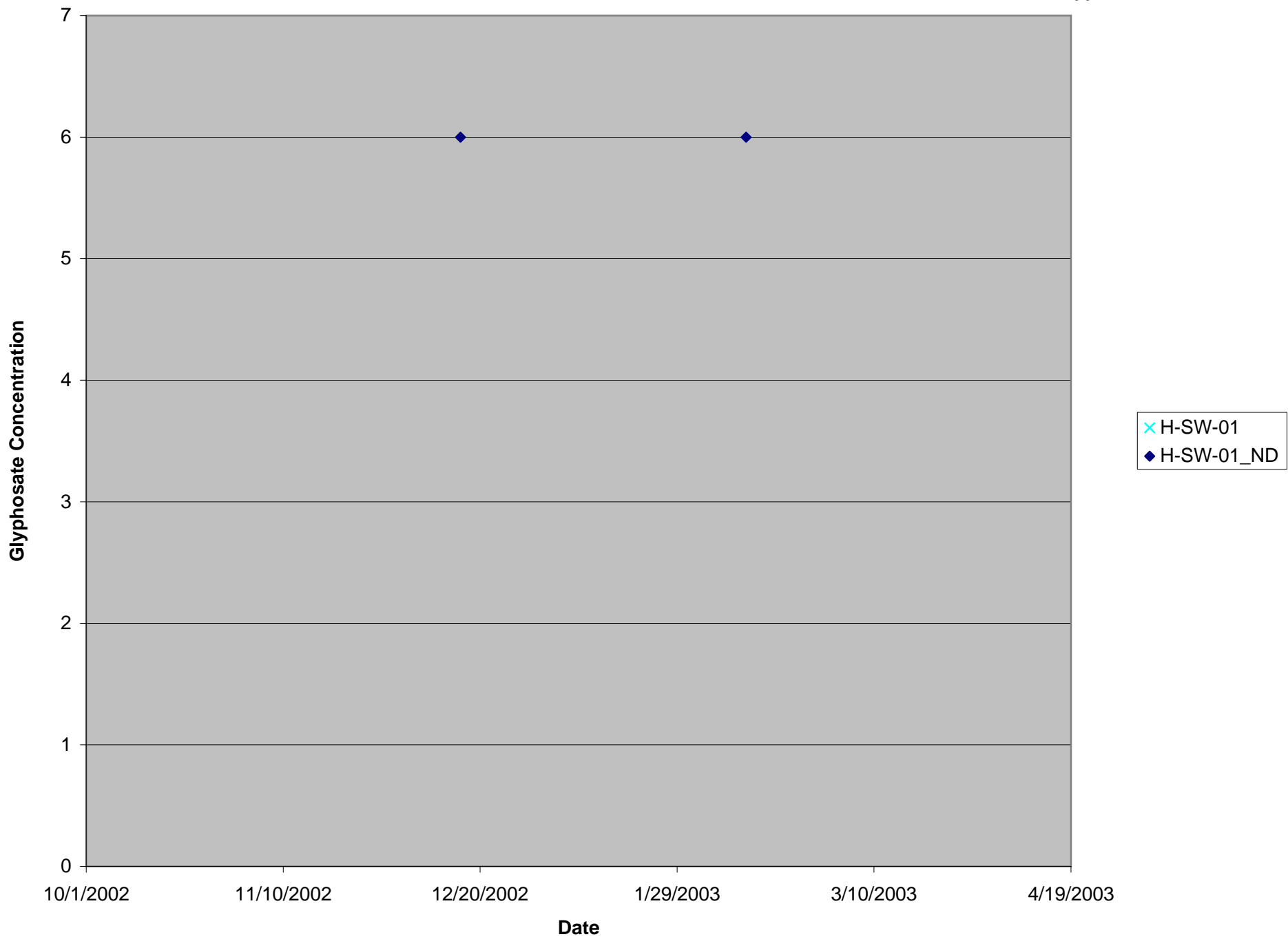


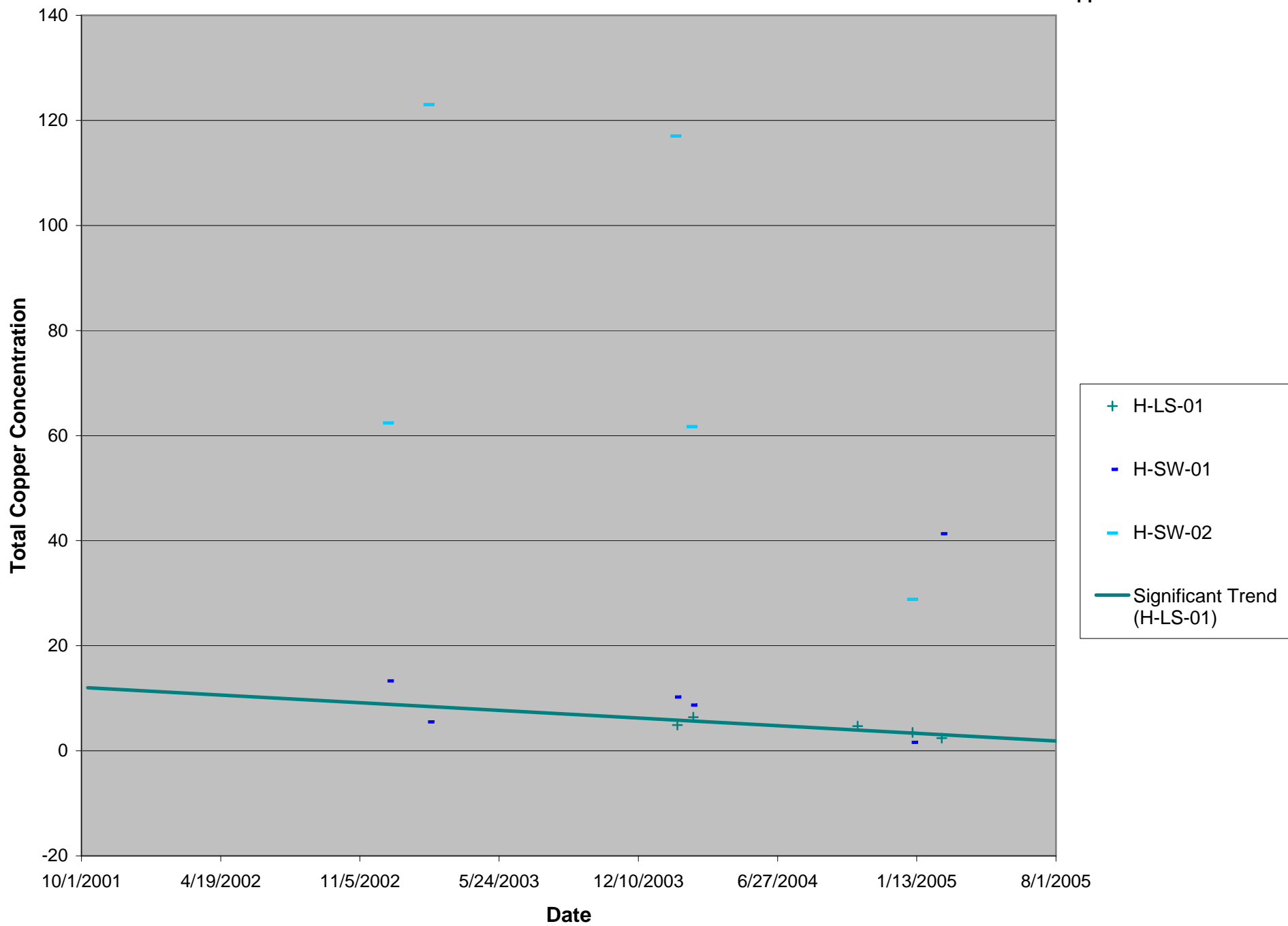




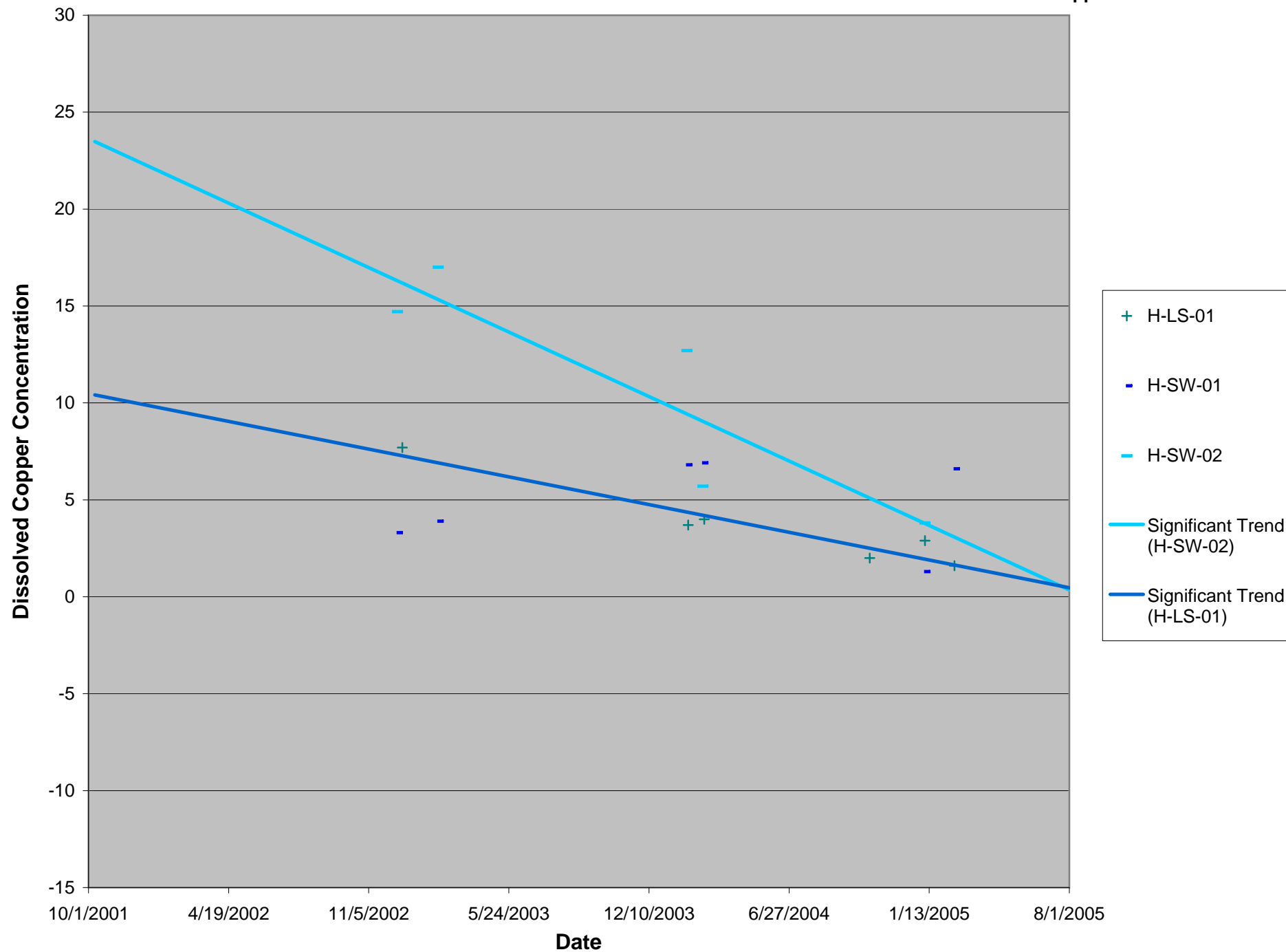
Appendix E: Hall House



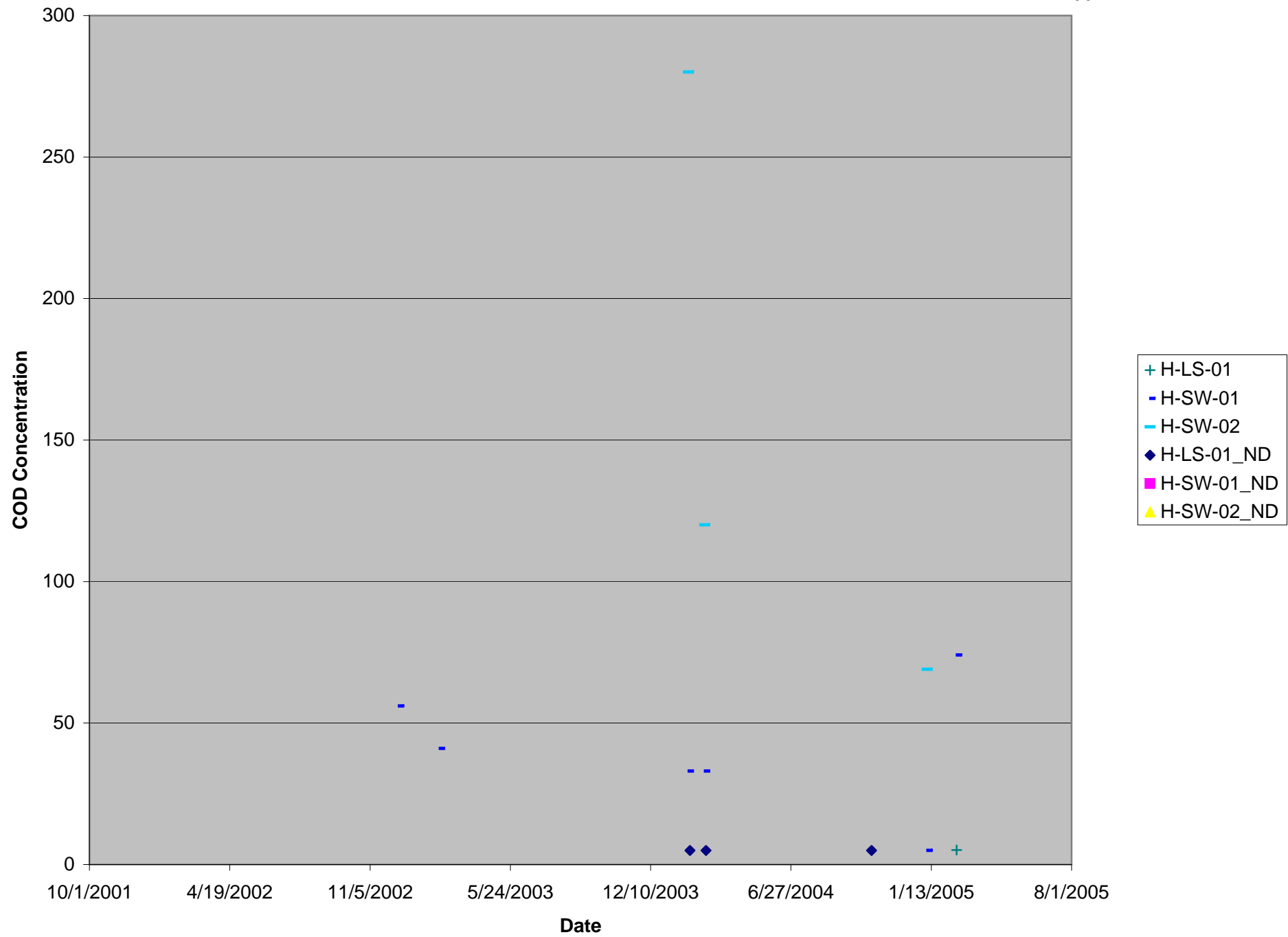




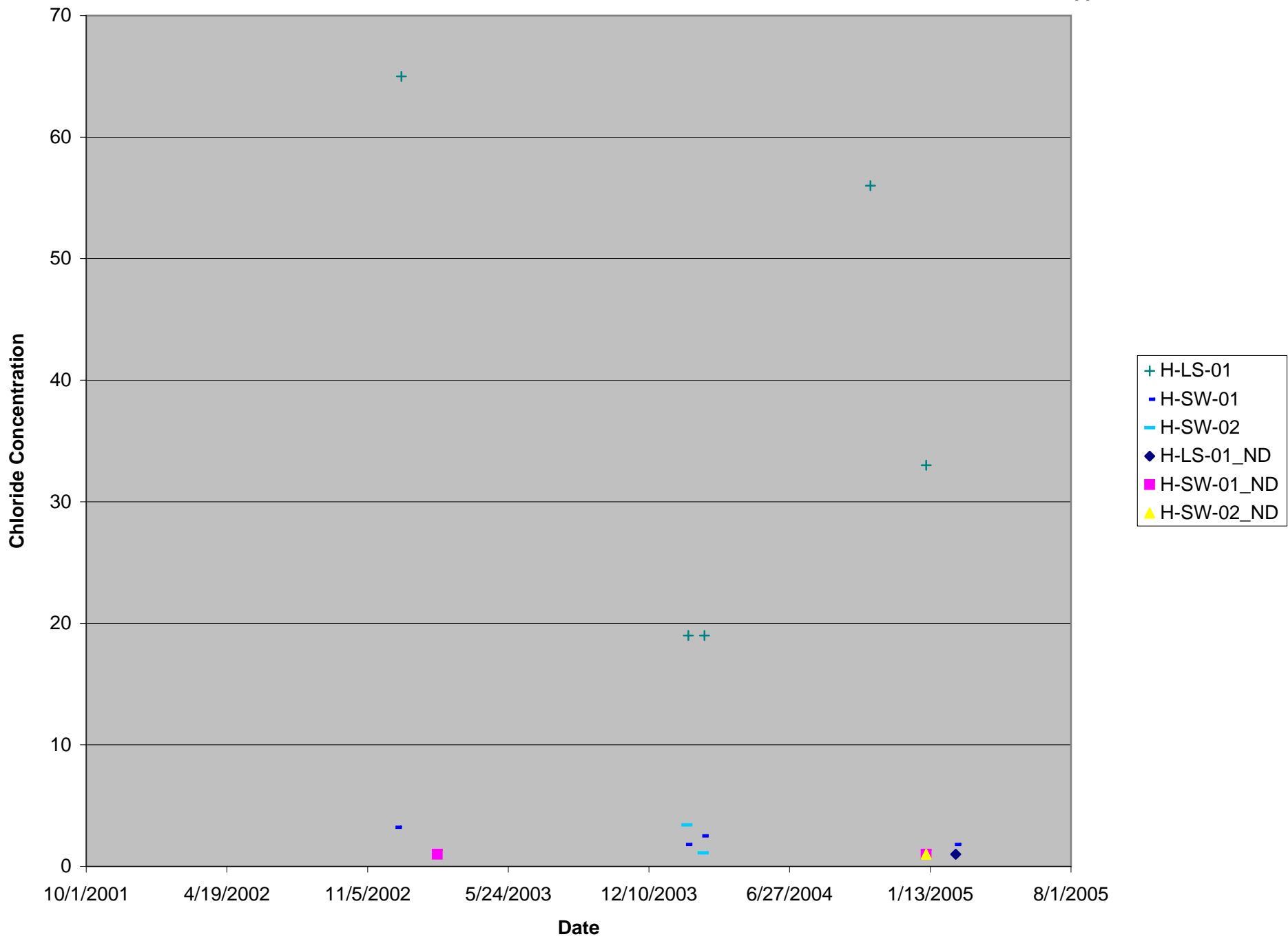
Appendix E: Hall House



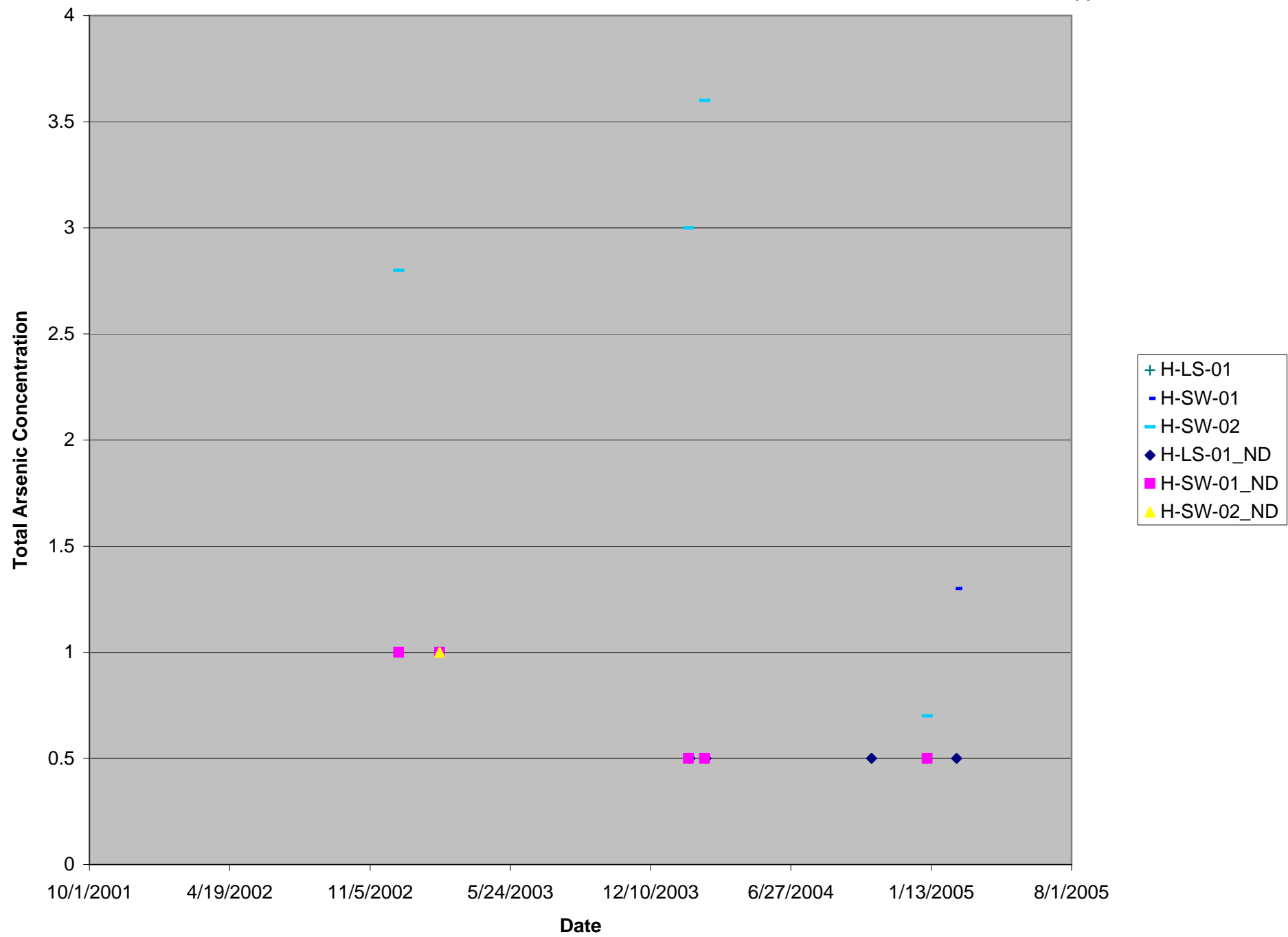
Appendix E: Hall House



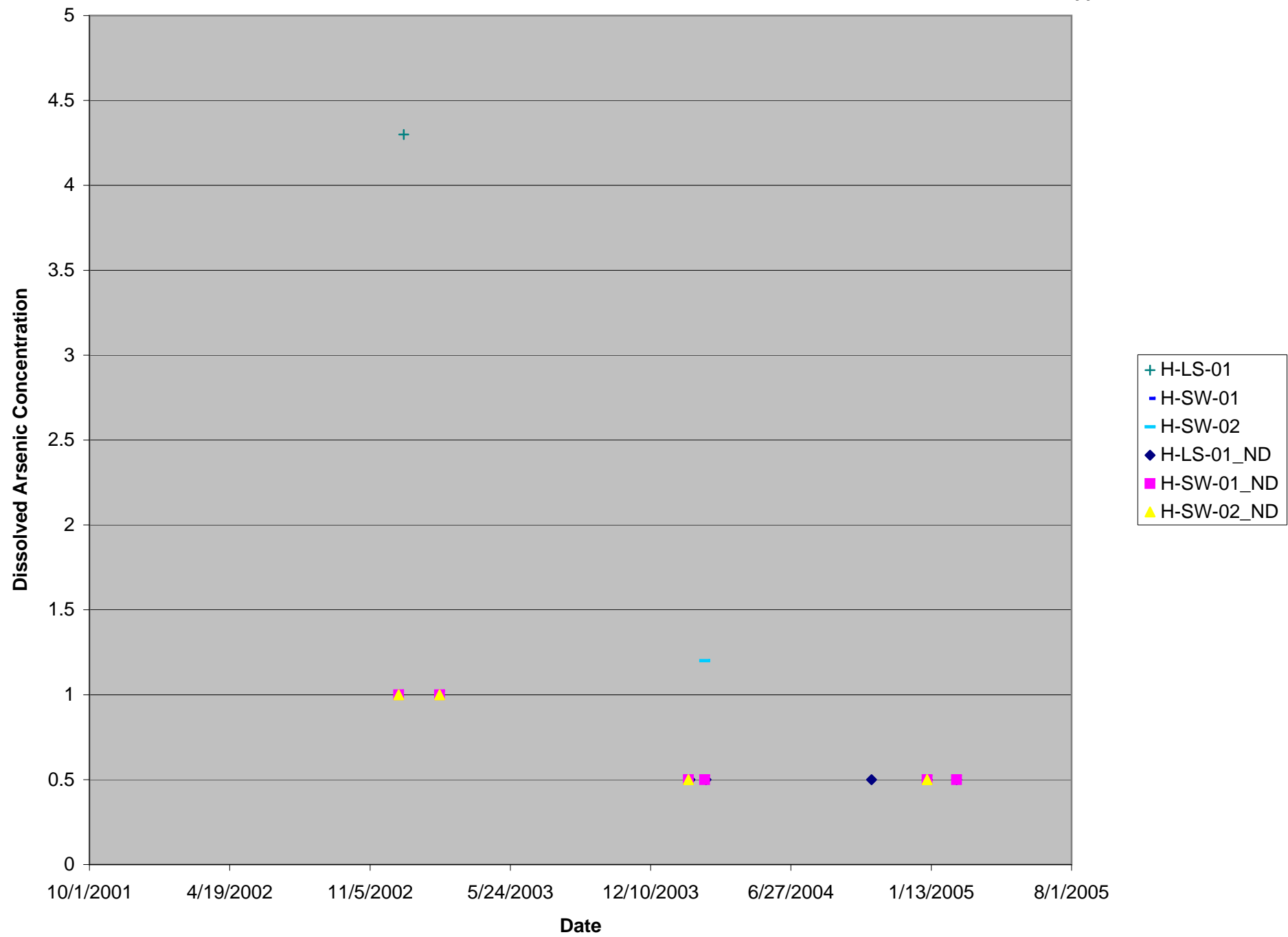
Appendix E: Hall House

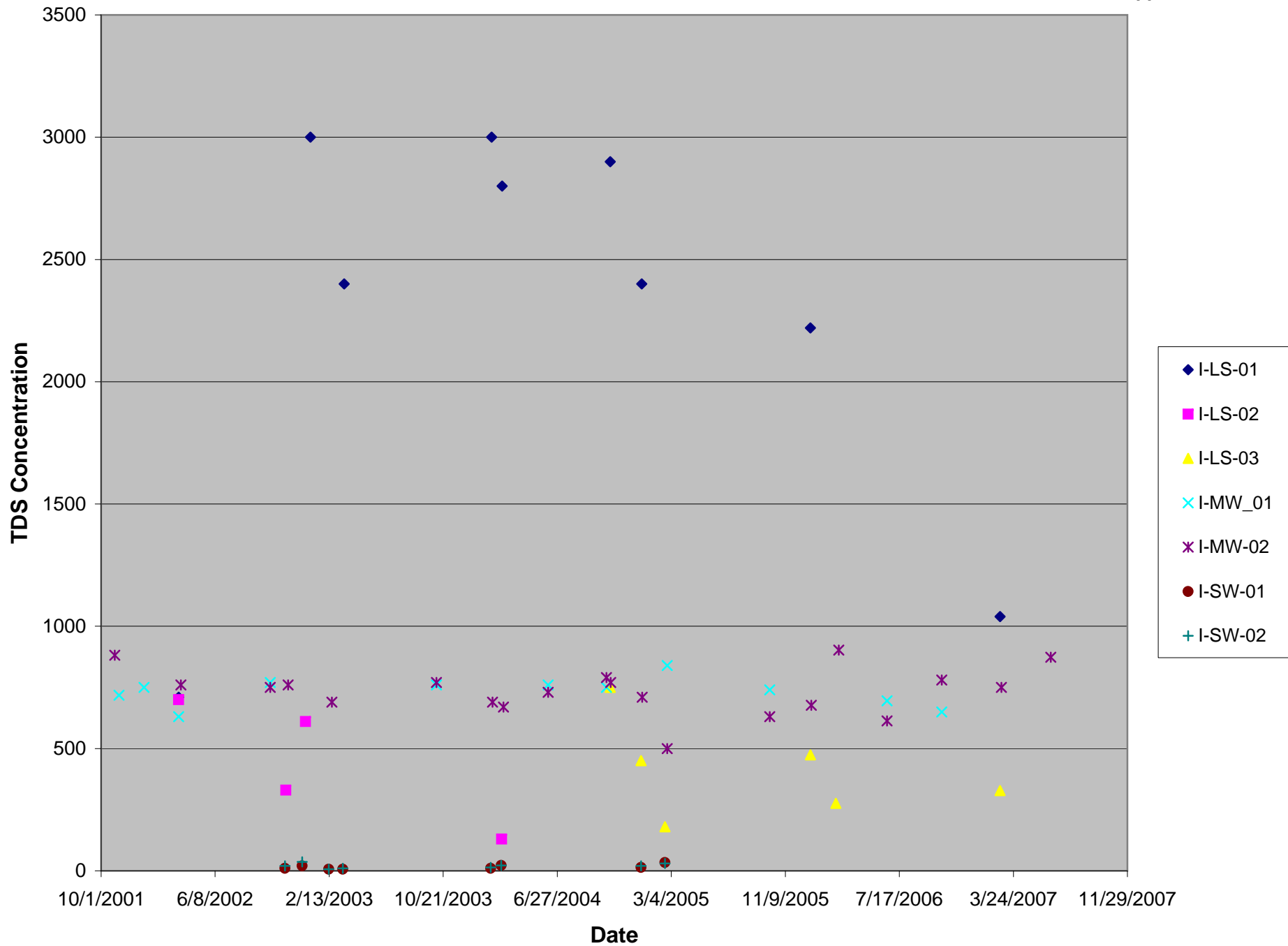


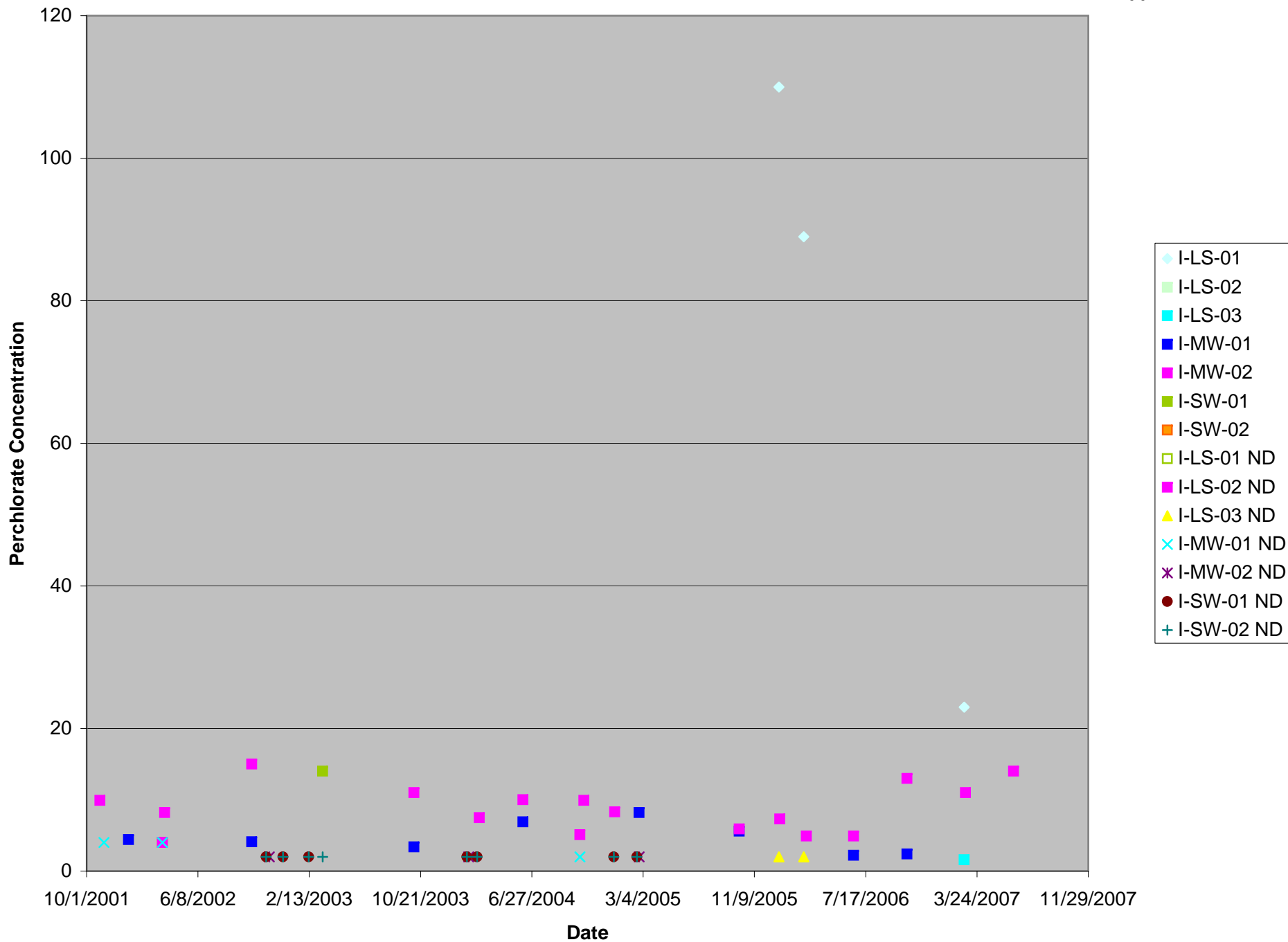
Appendix E: Hall House

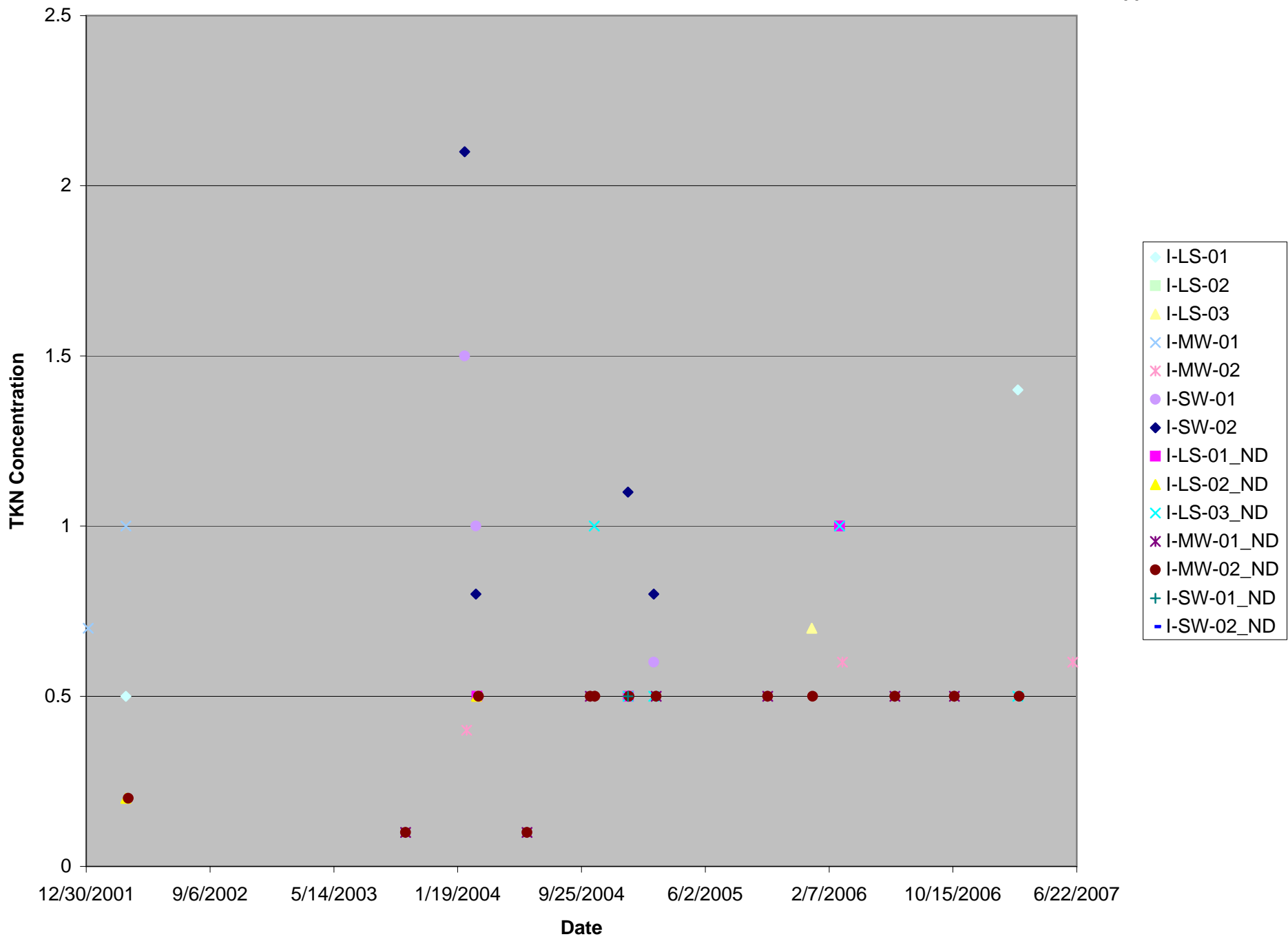


Appendix E: Hall House

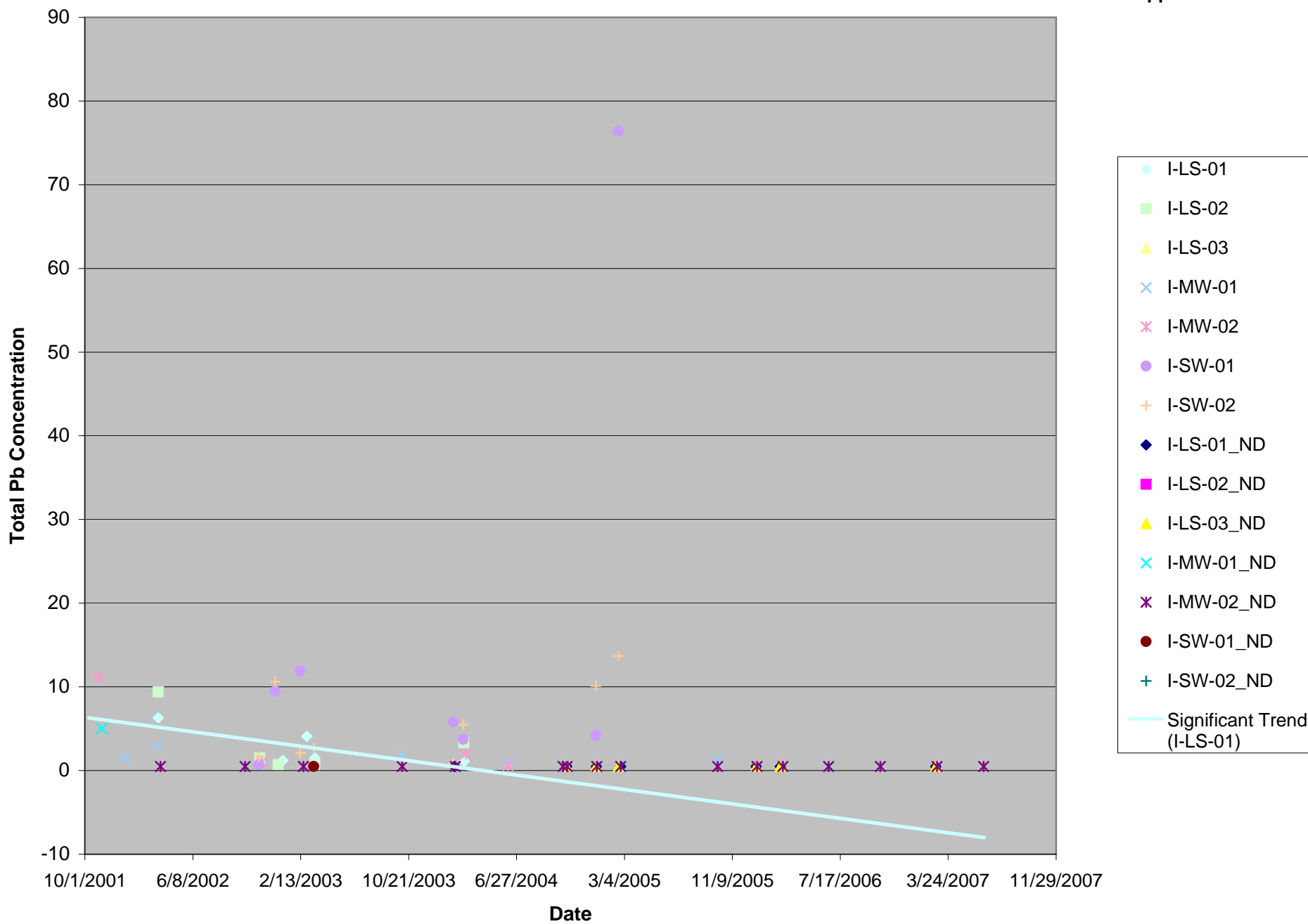


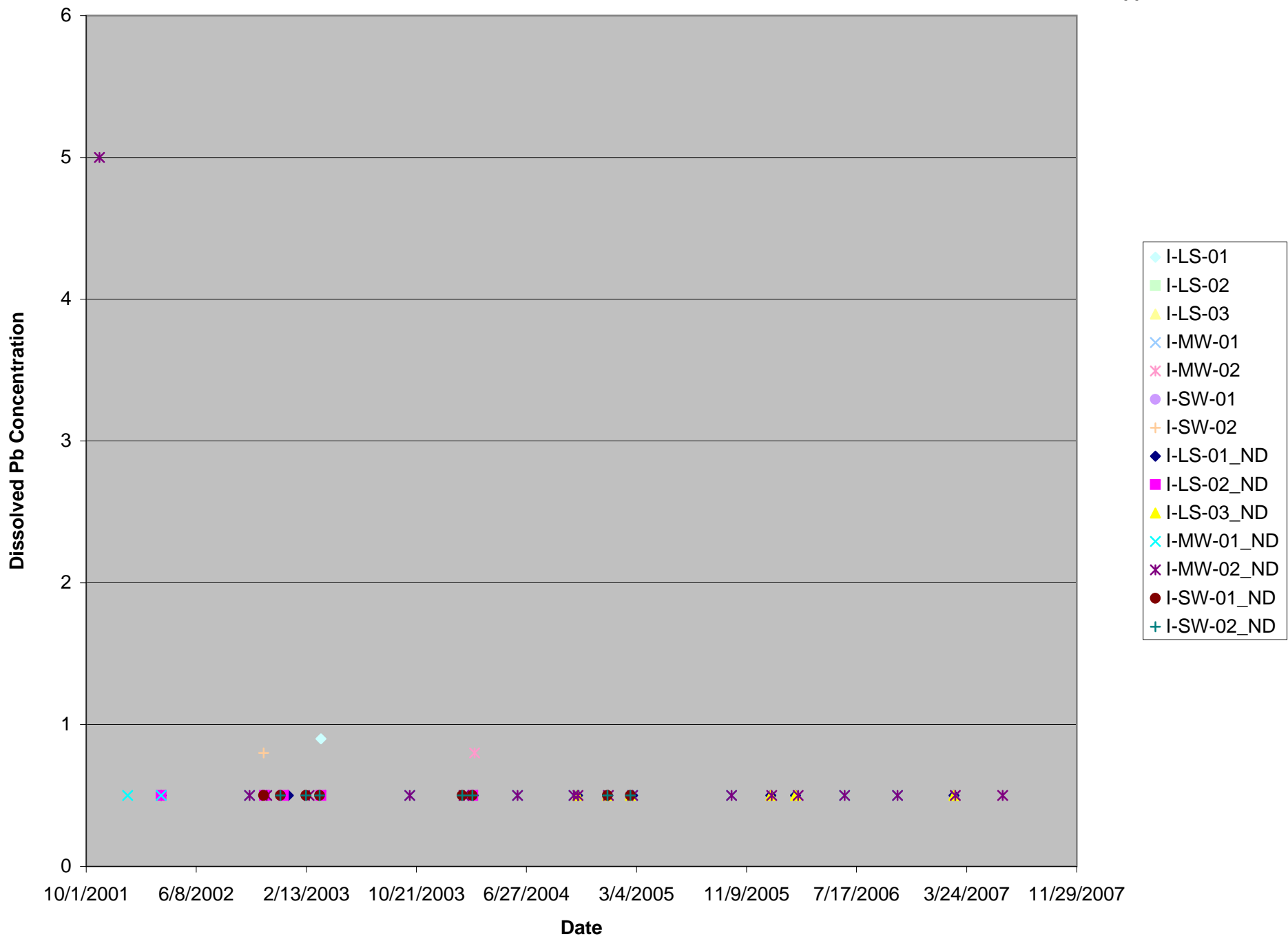


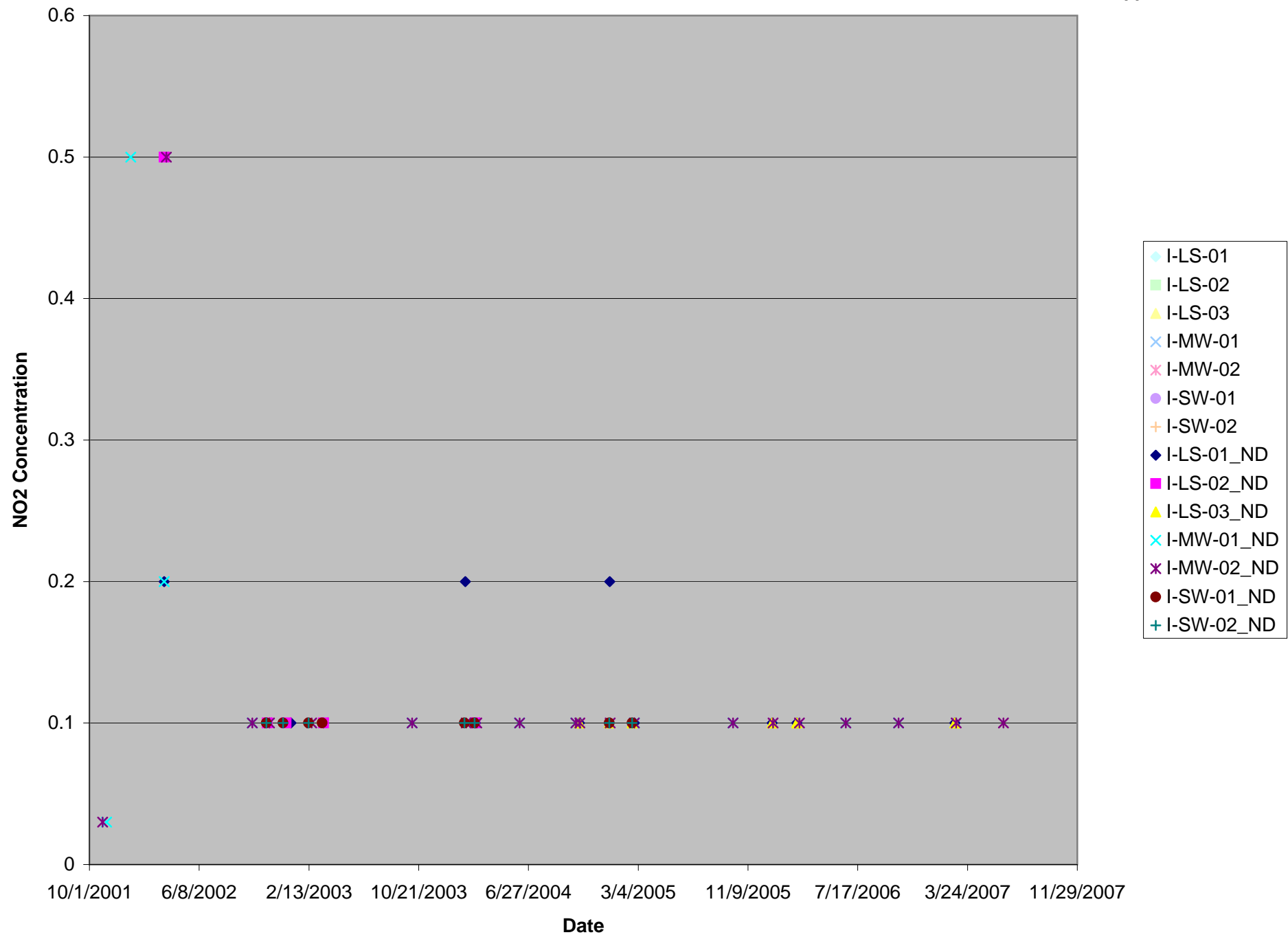


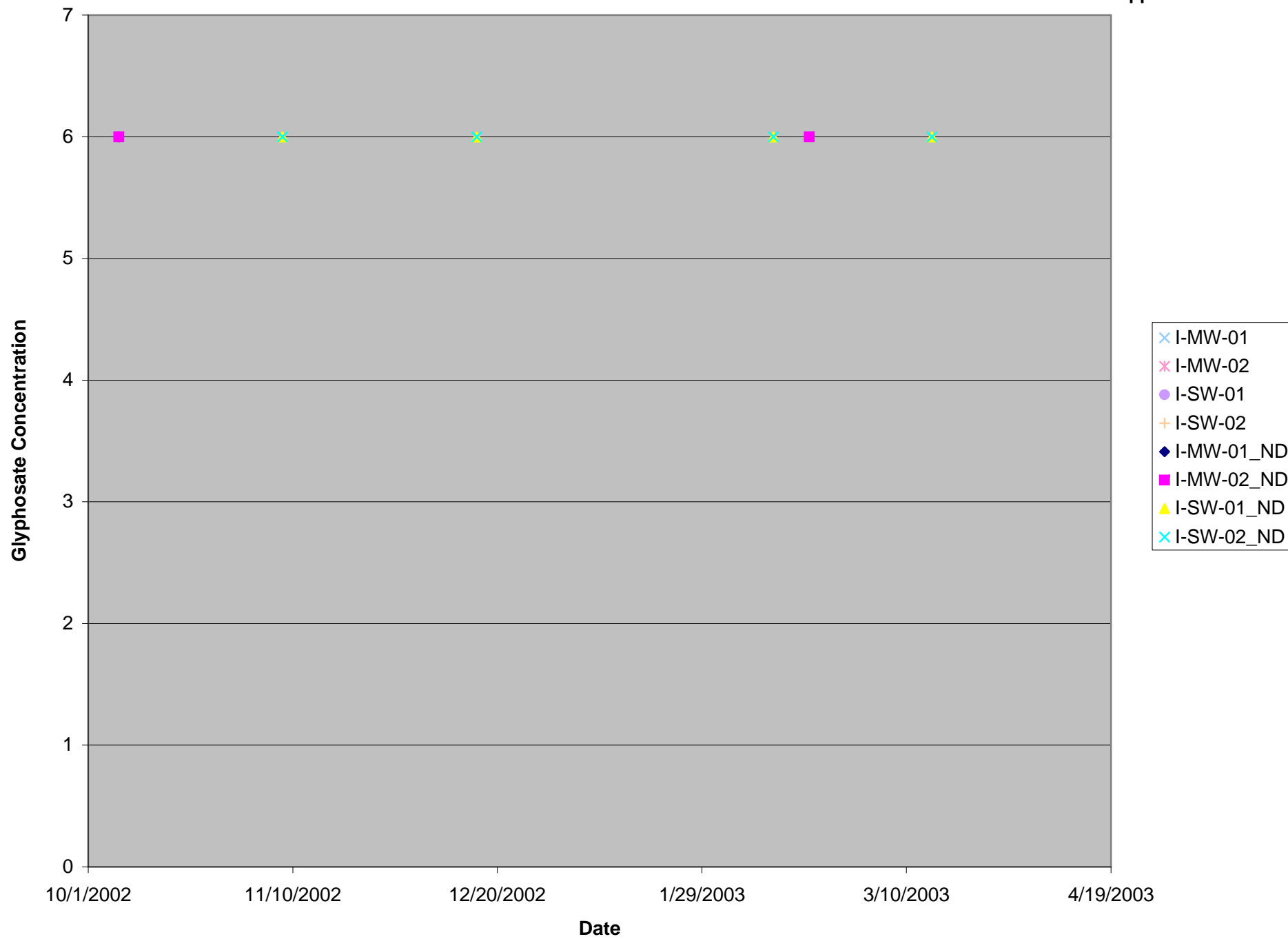


Appendix E: IMAX

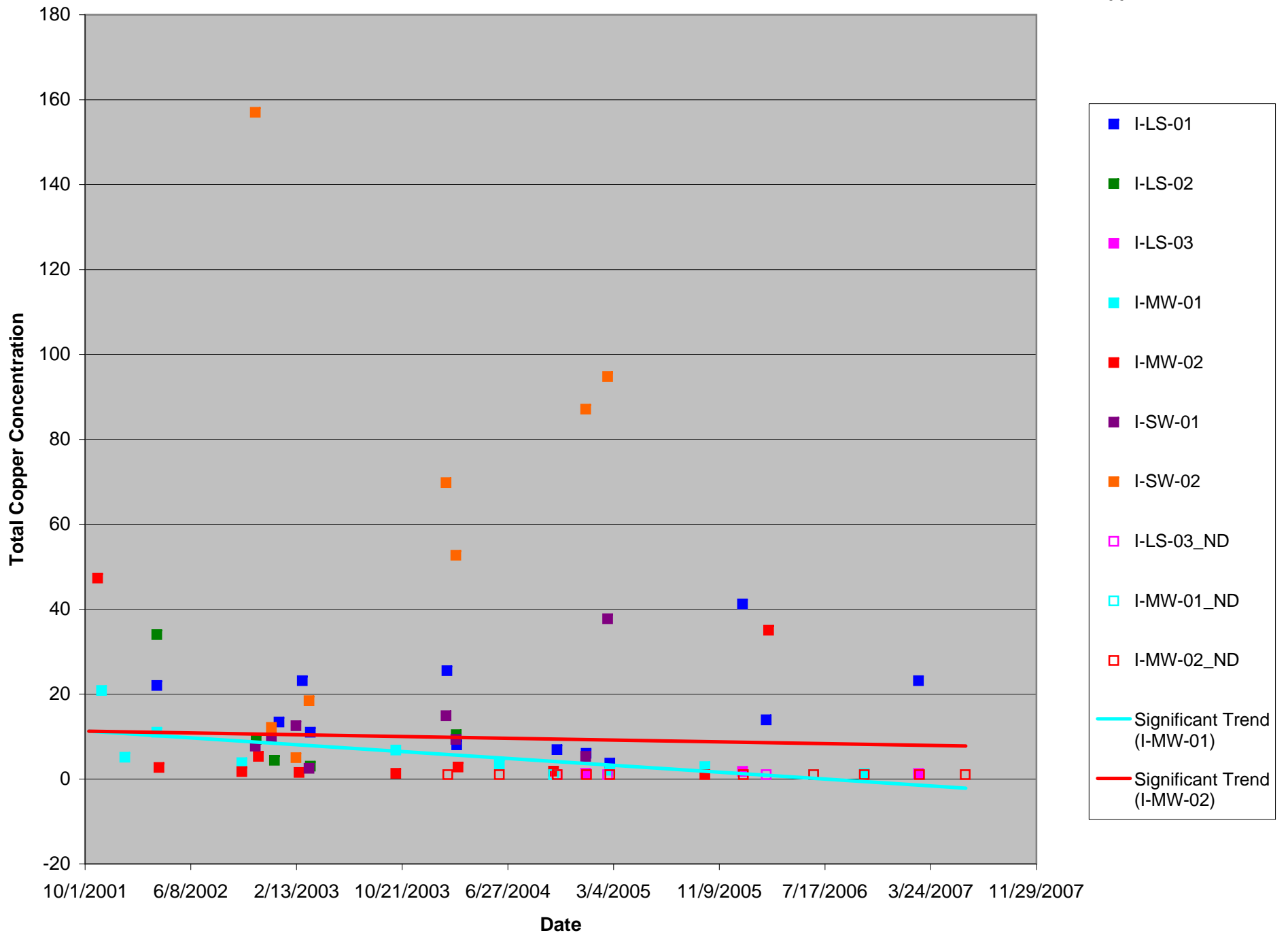


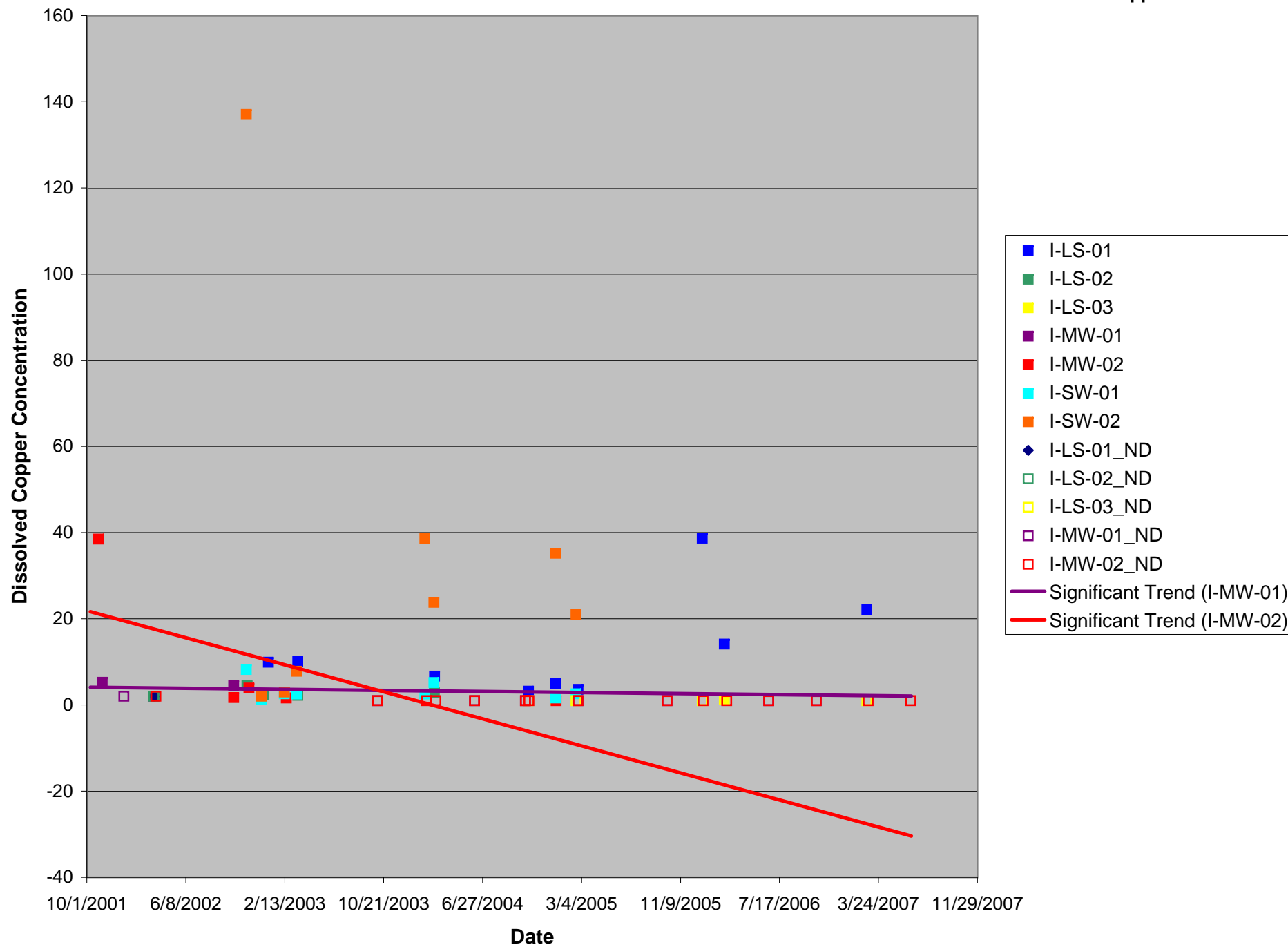




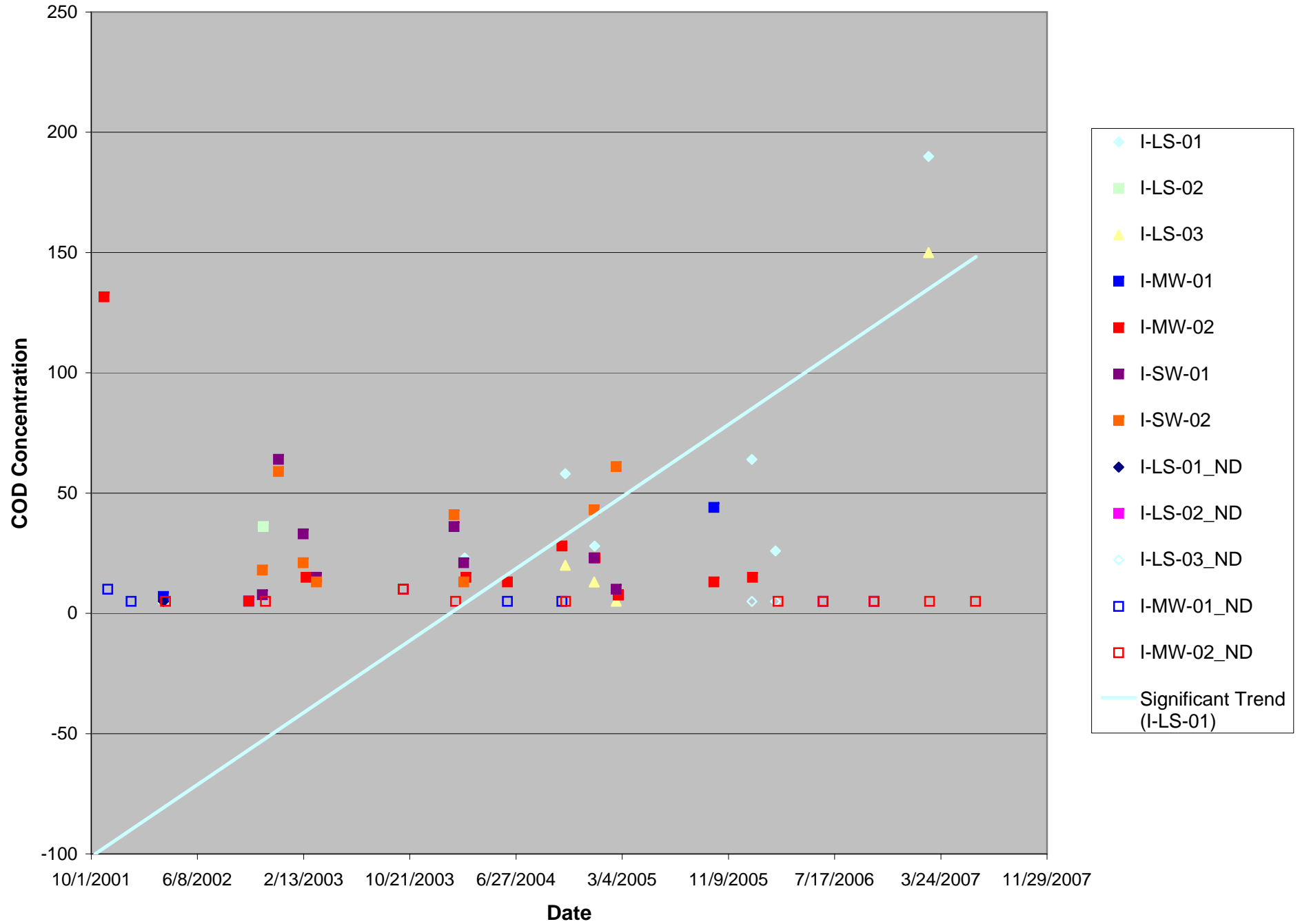


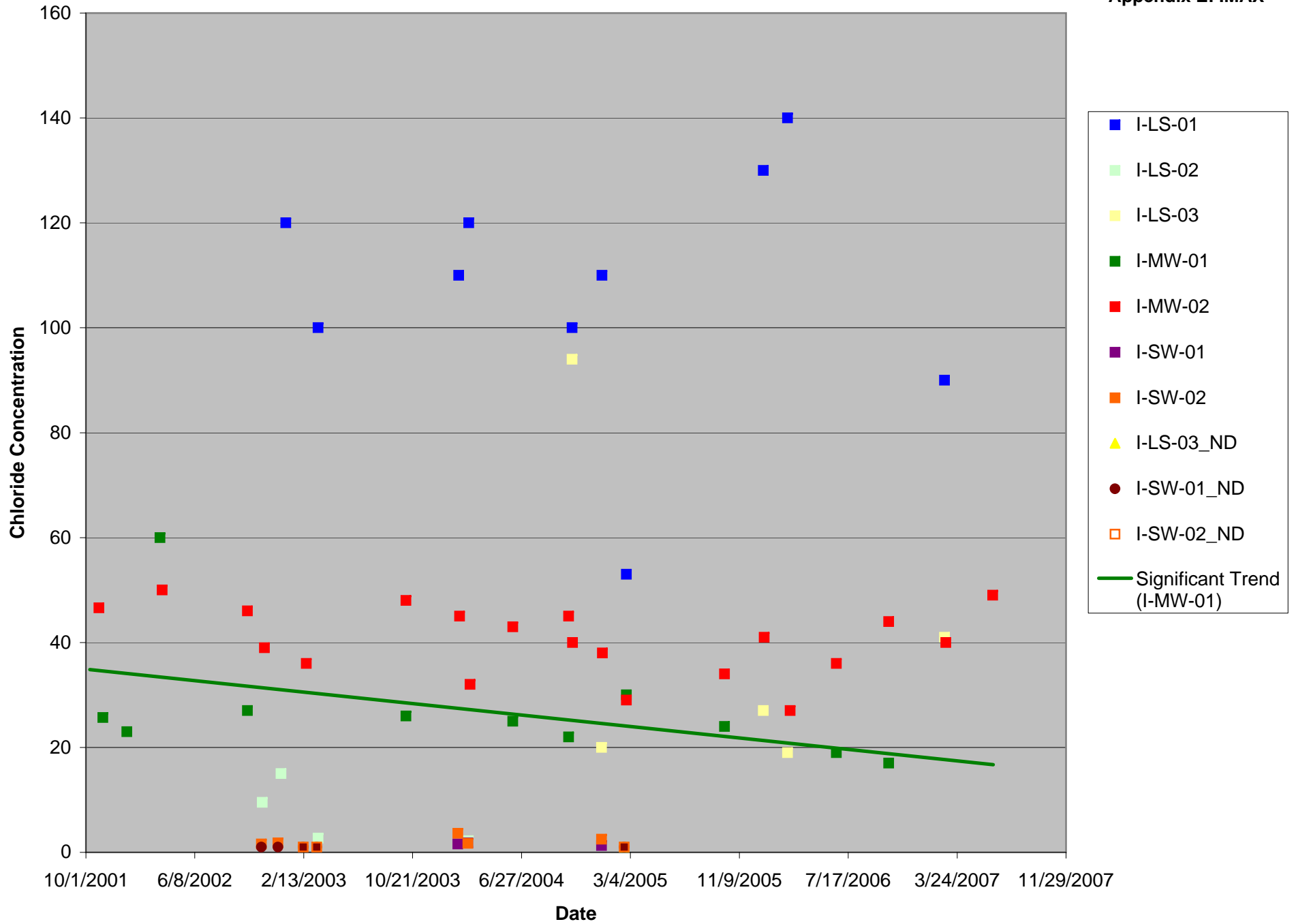
Appendix E: IMAX

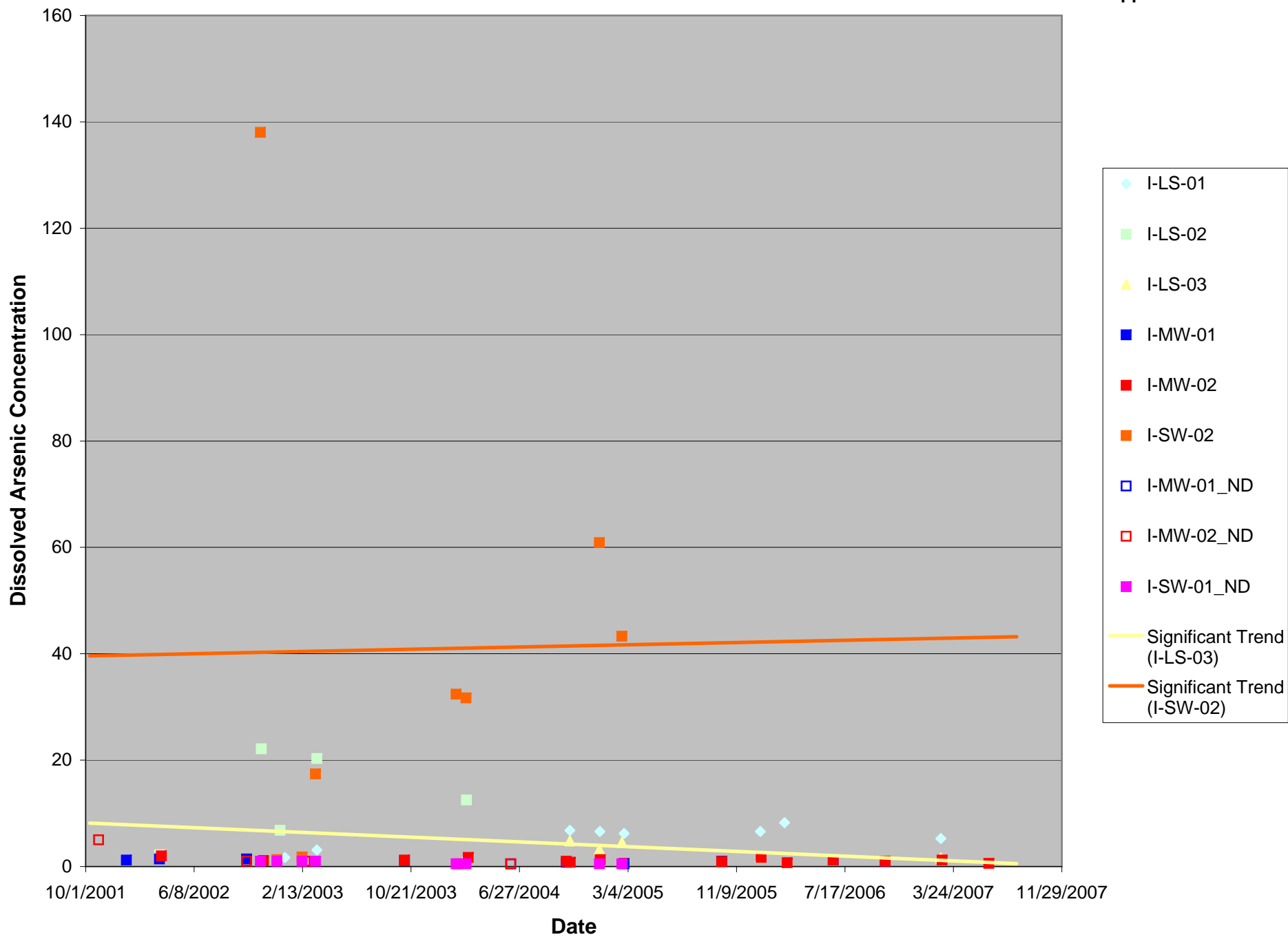




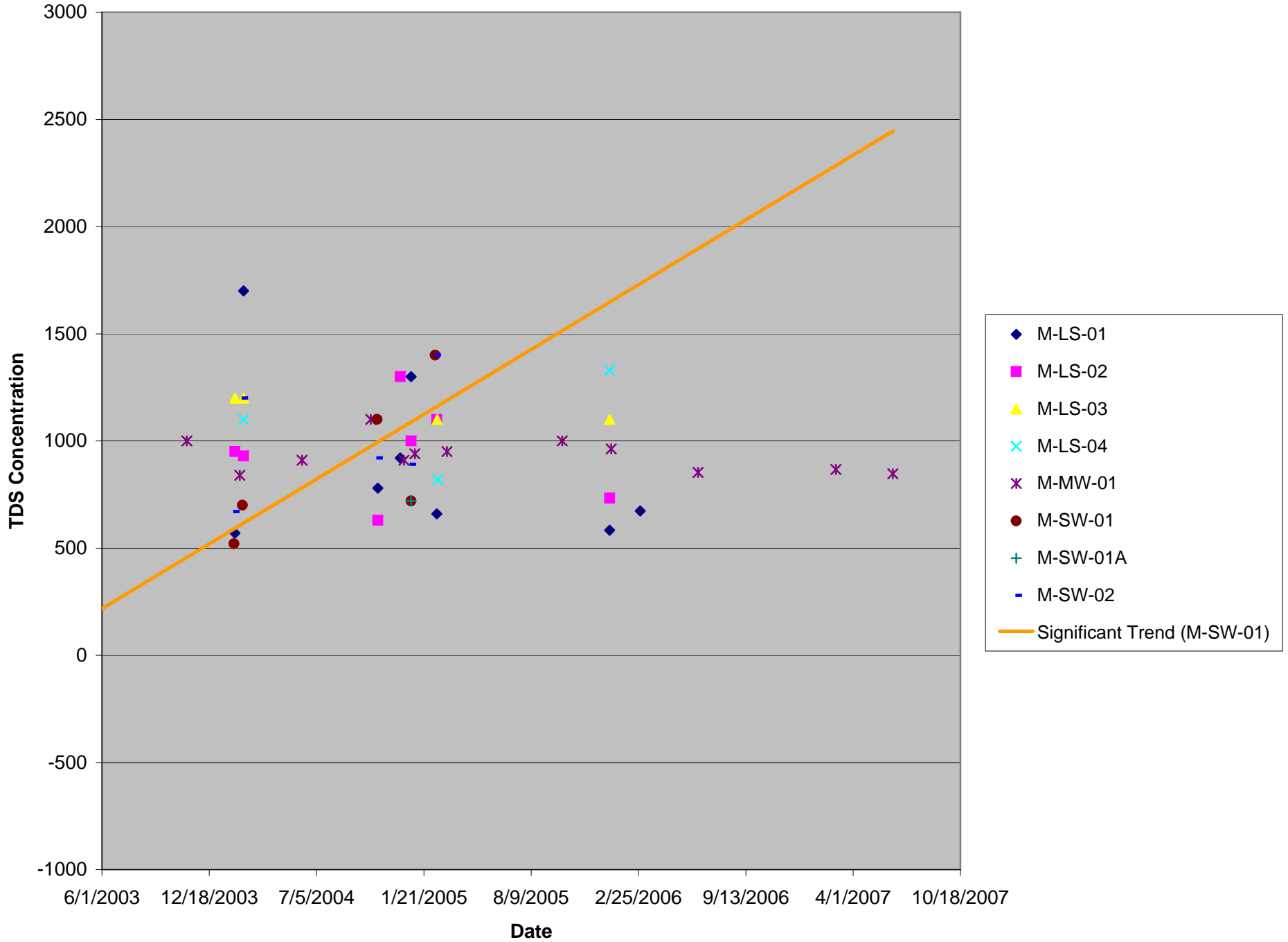
Appendix E: IMAX



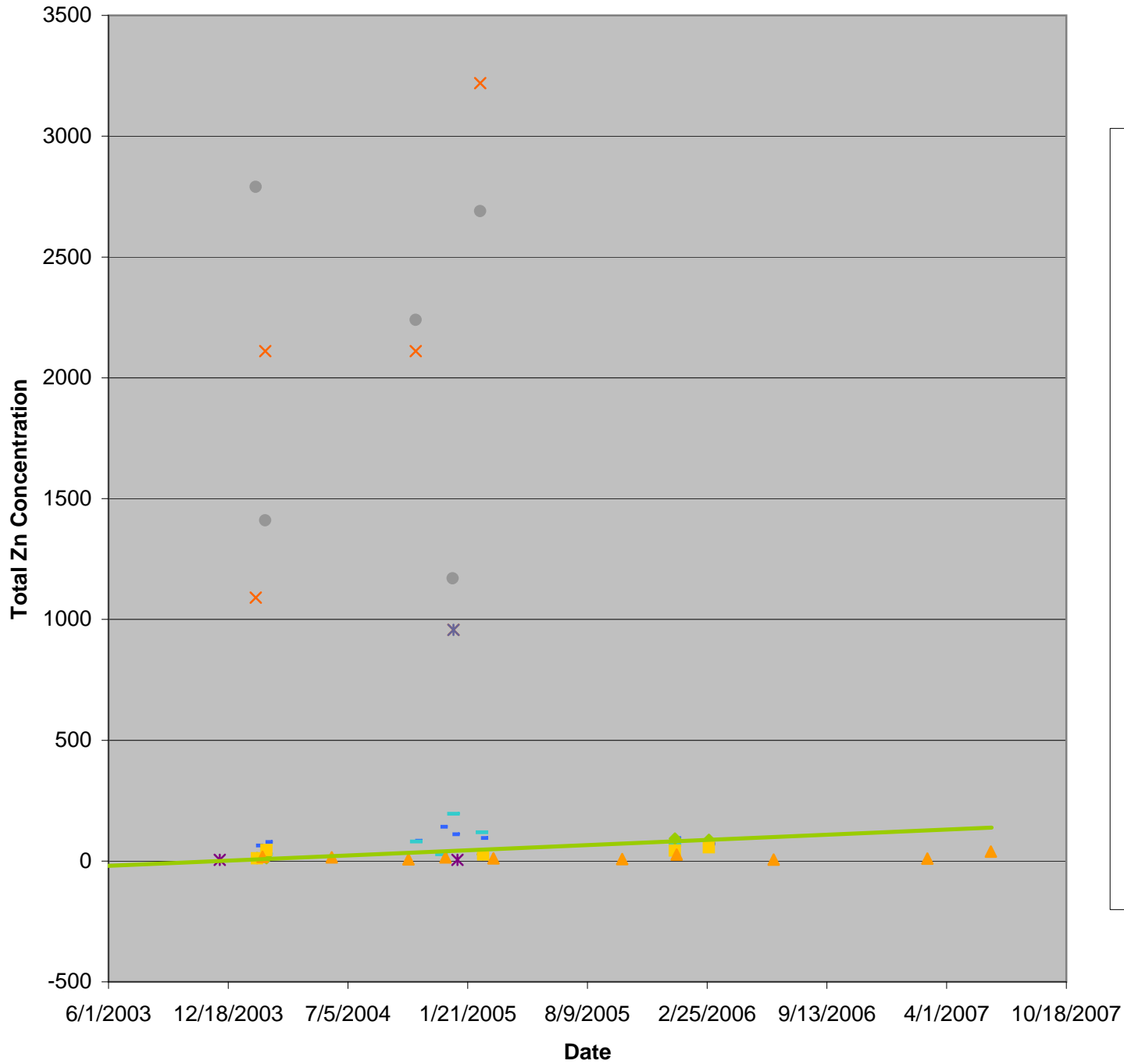




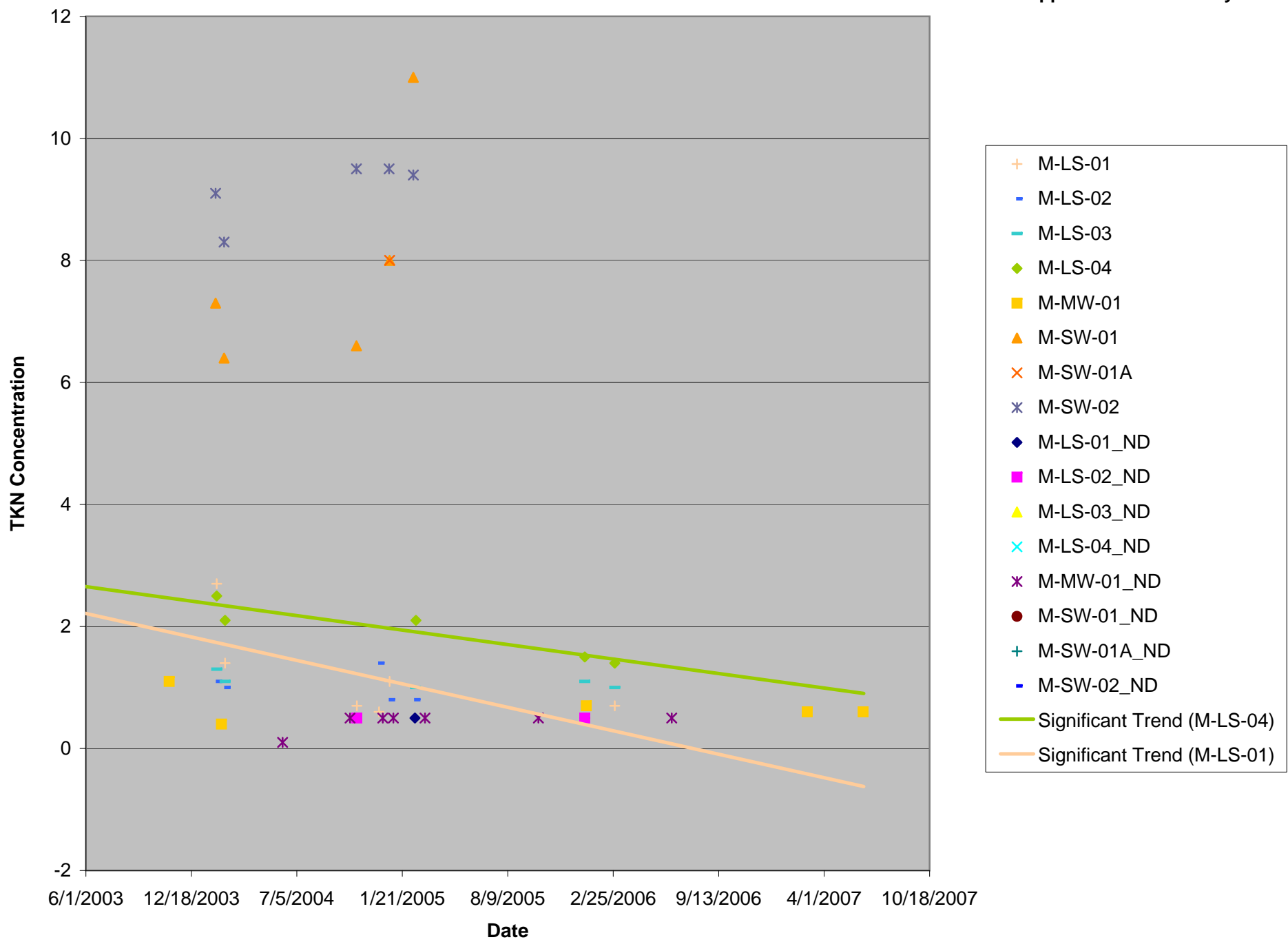
Appendix E: Metal Recycler



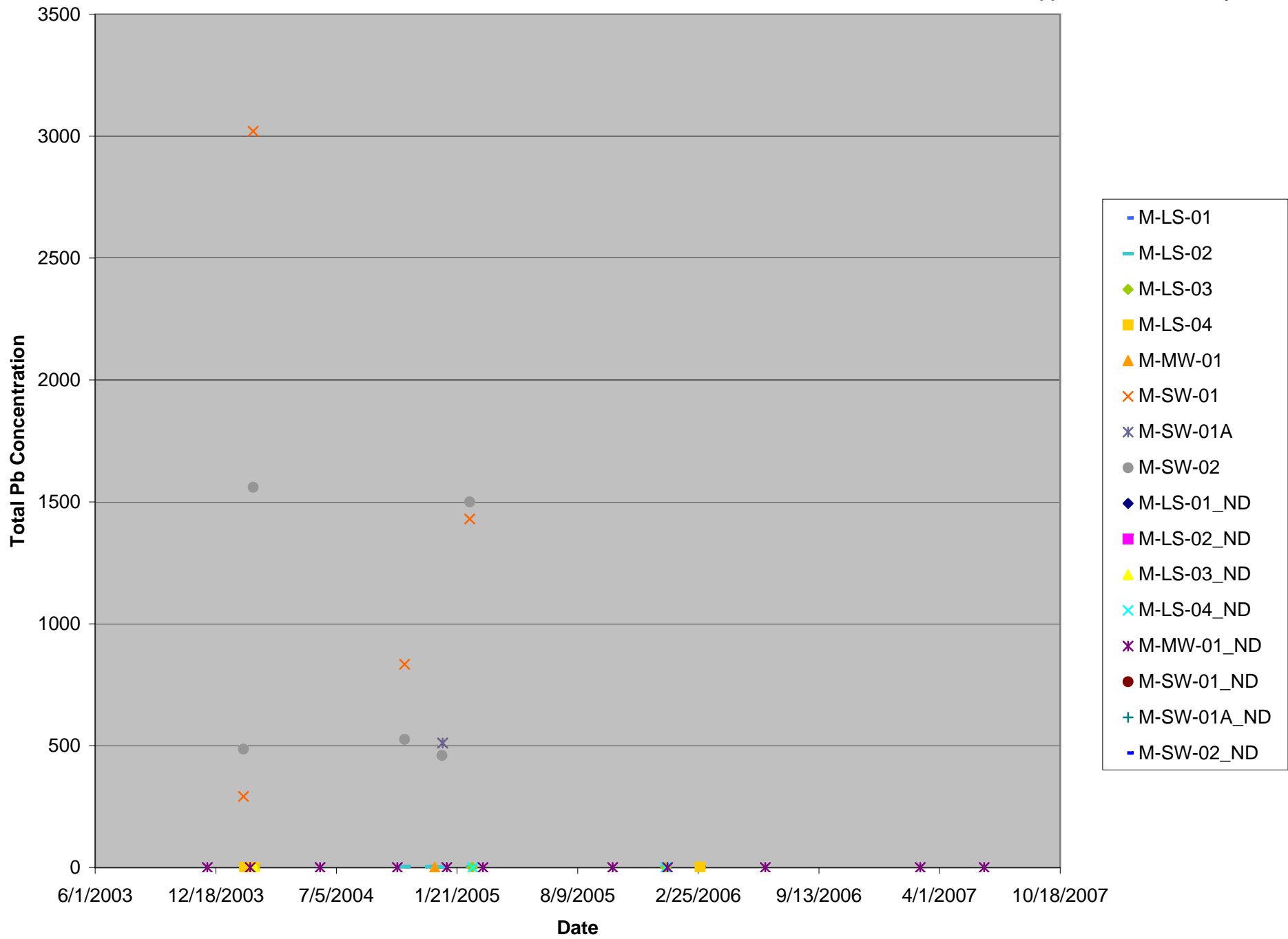
Appendix E: Metal Recycler



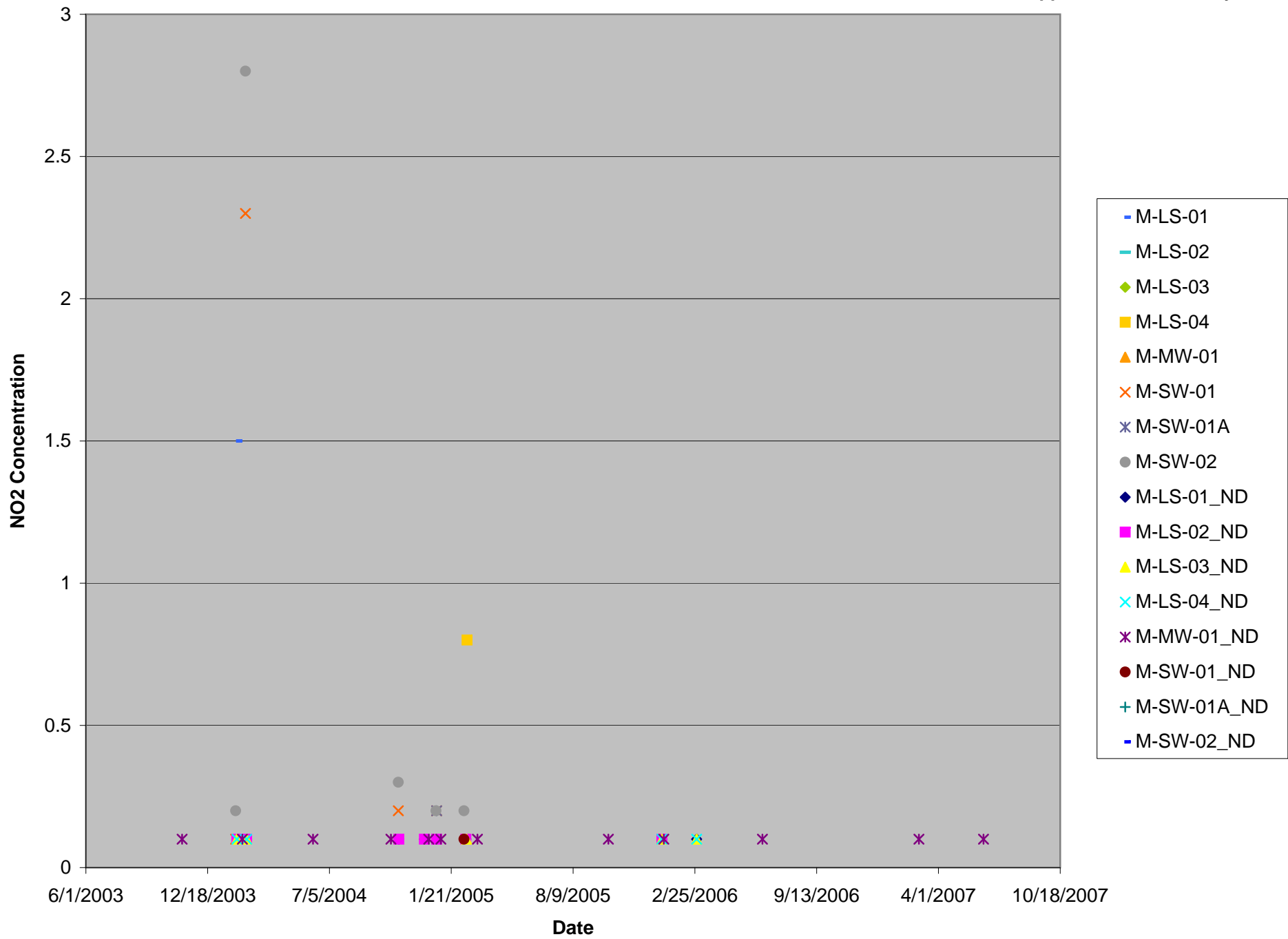
Appendix E: Metal Recycler



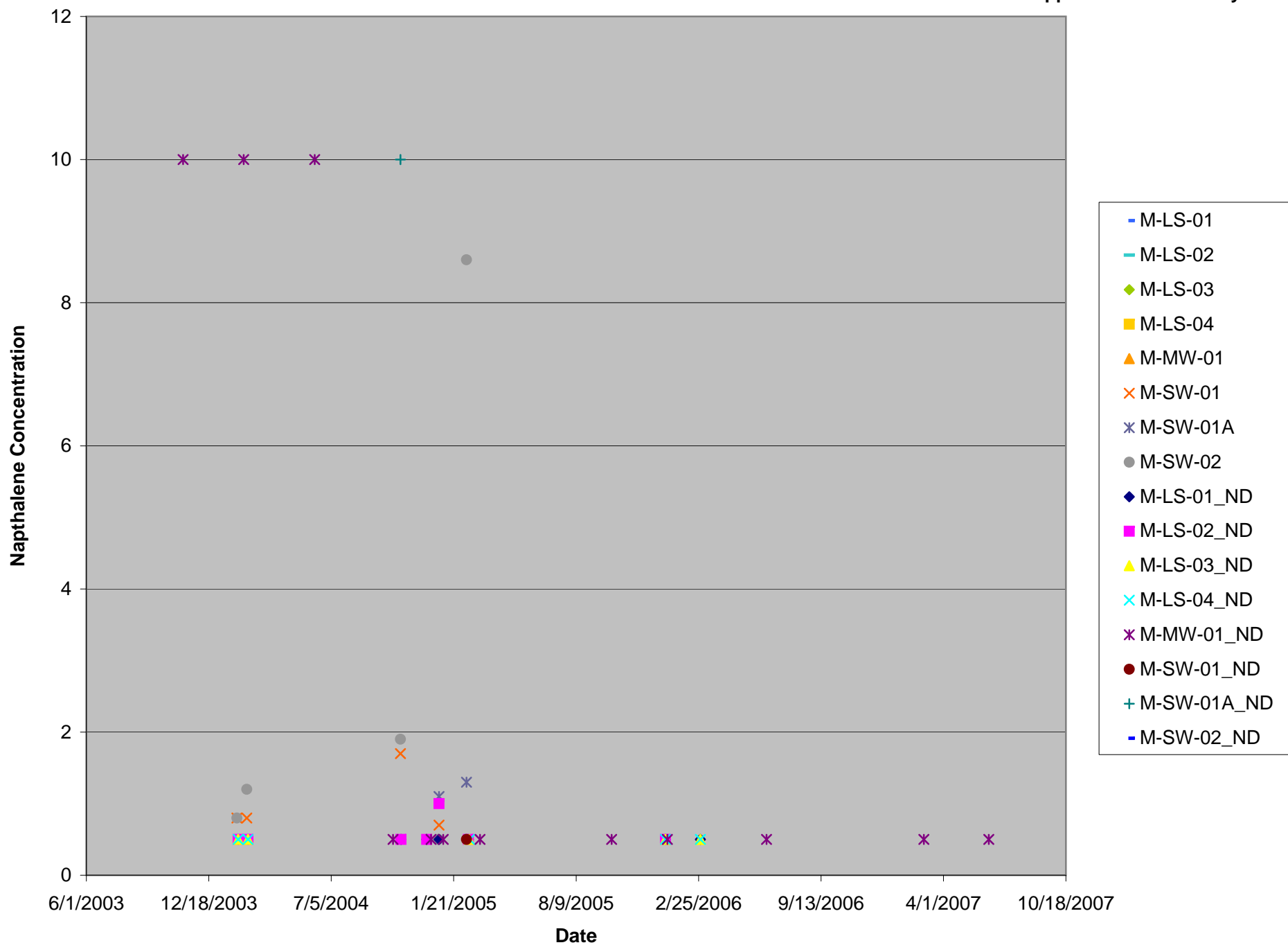
Appendix E: Metal Recycler



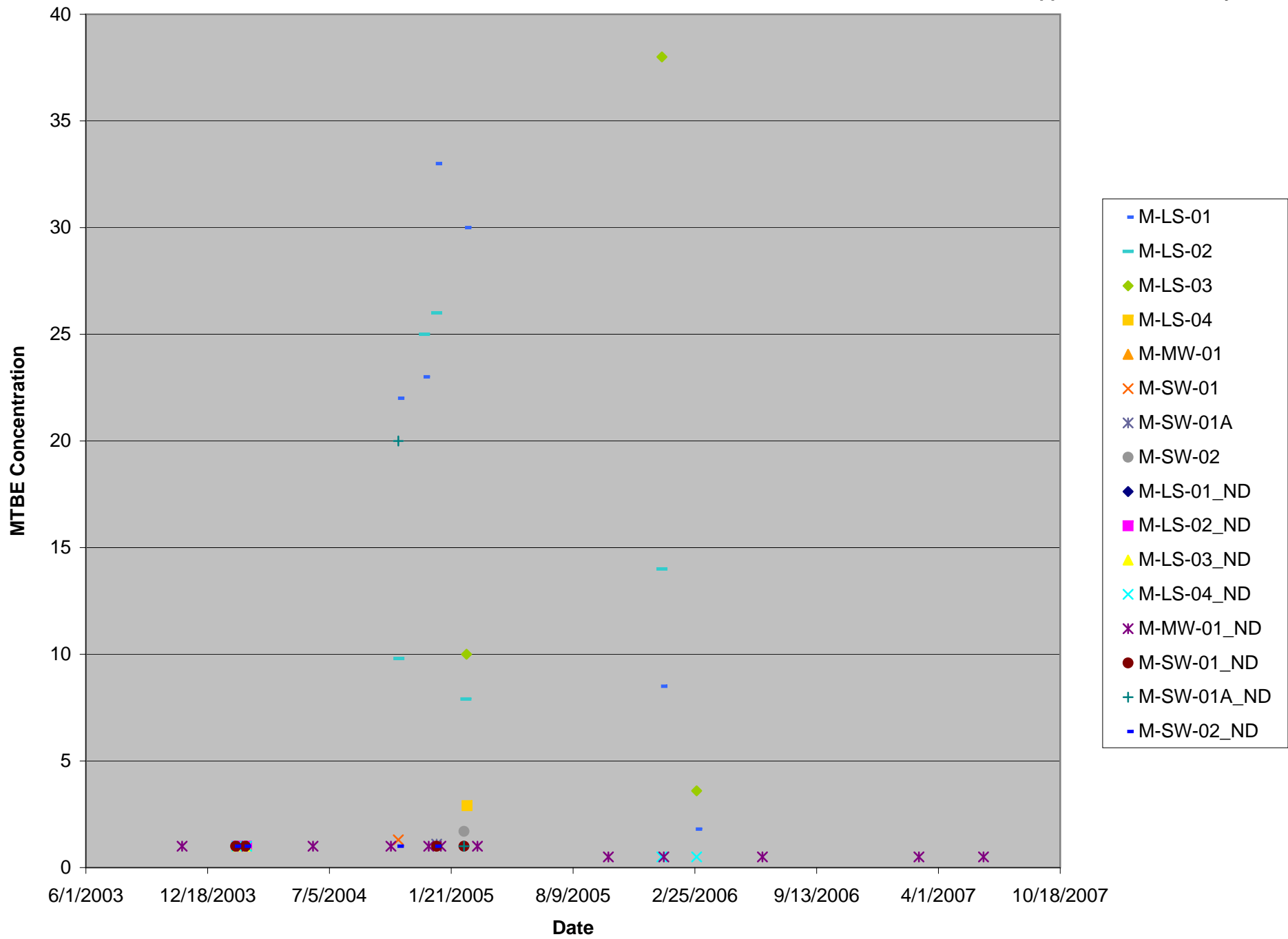
Appendix E: Metal Recycler



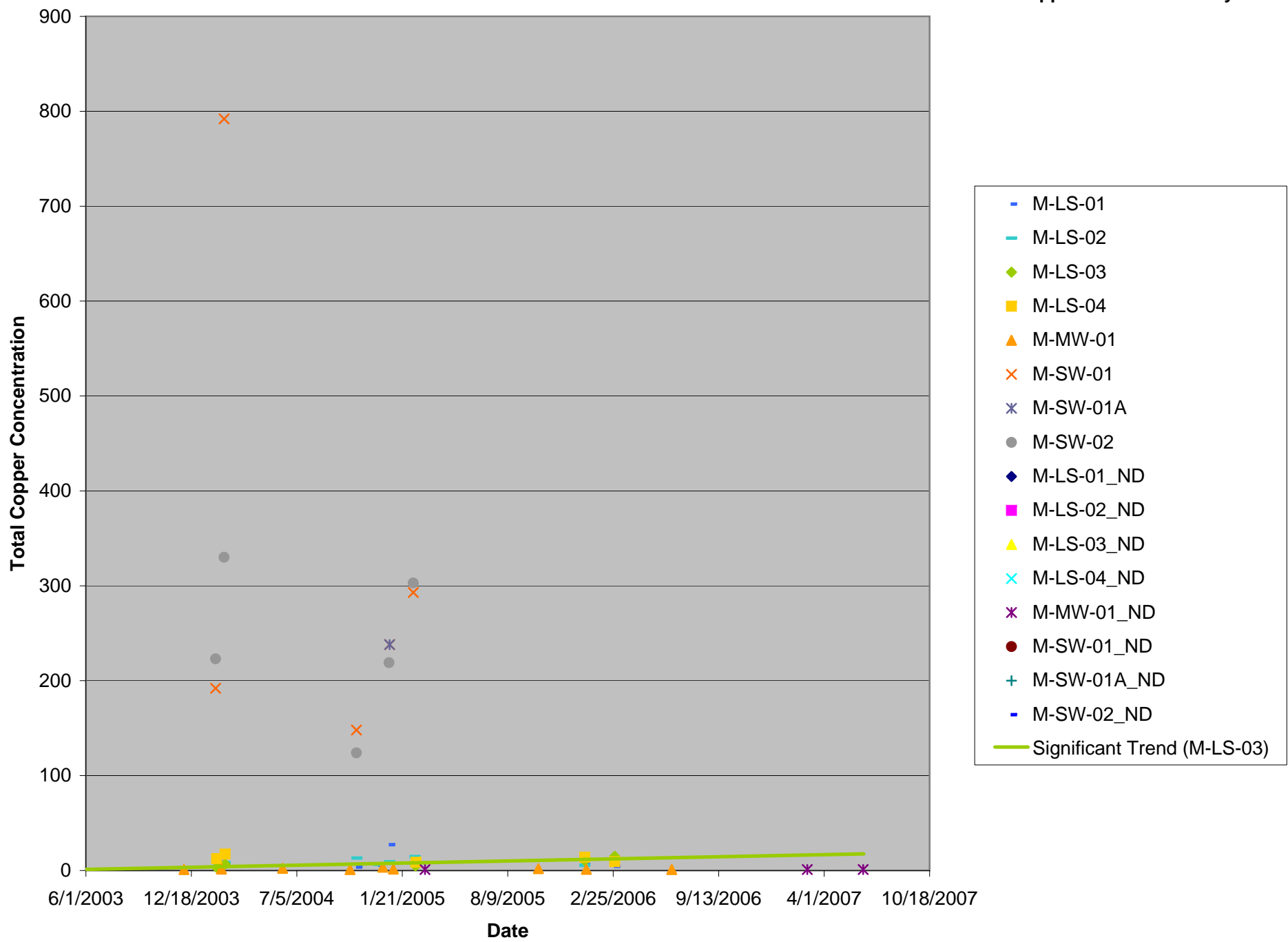
Appendix E: Metal Recycler



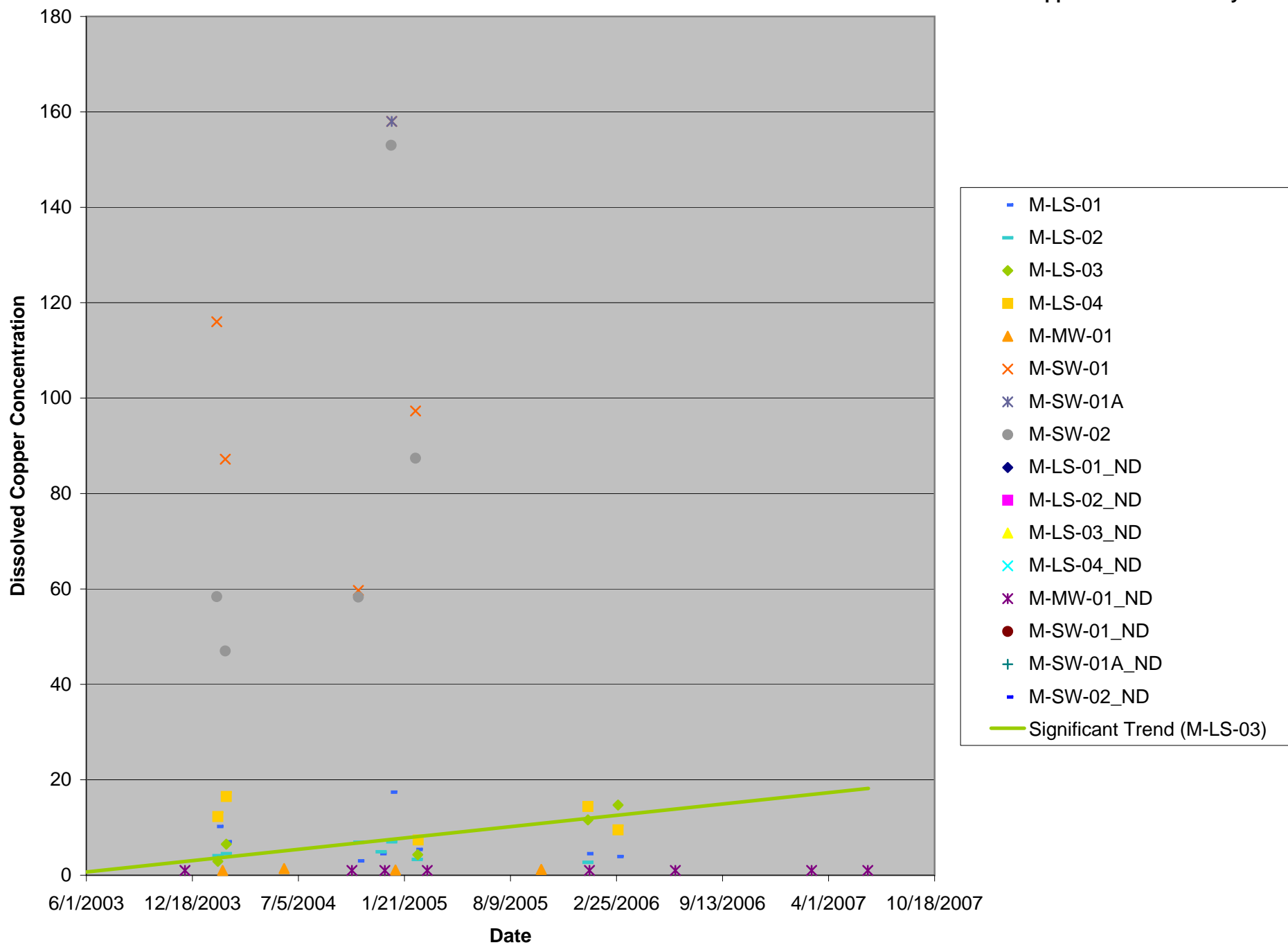
Appendix E: Metal Recycler



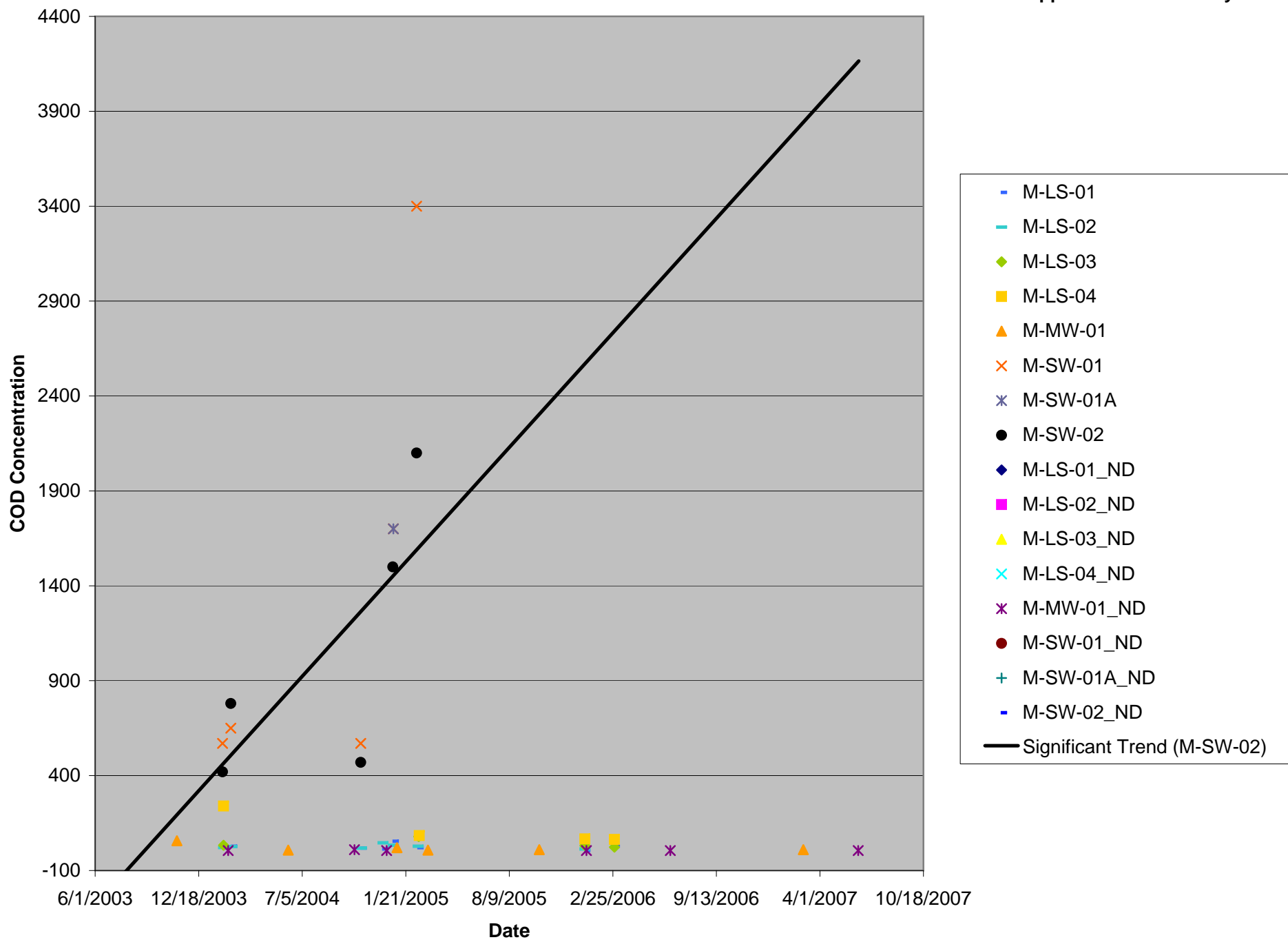
Appendix E: Metal Recycler



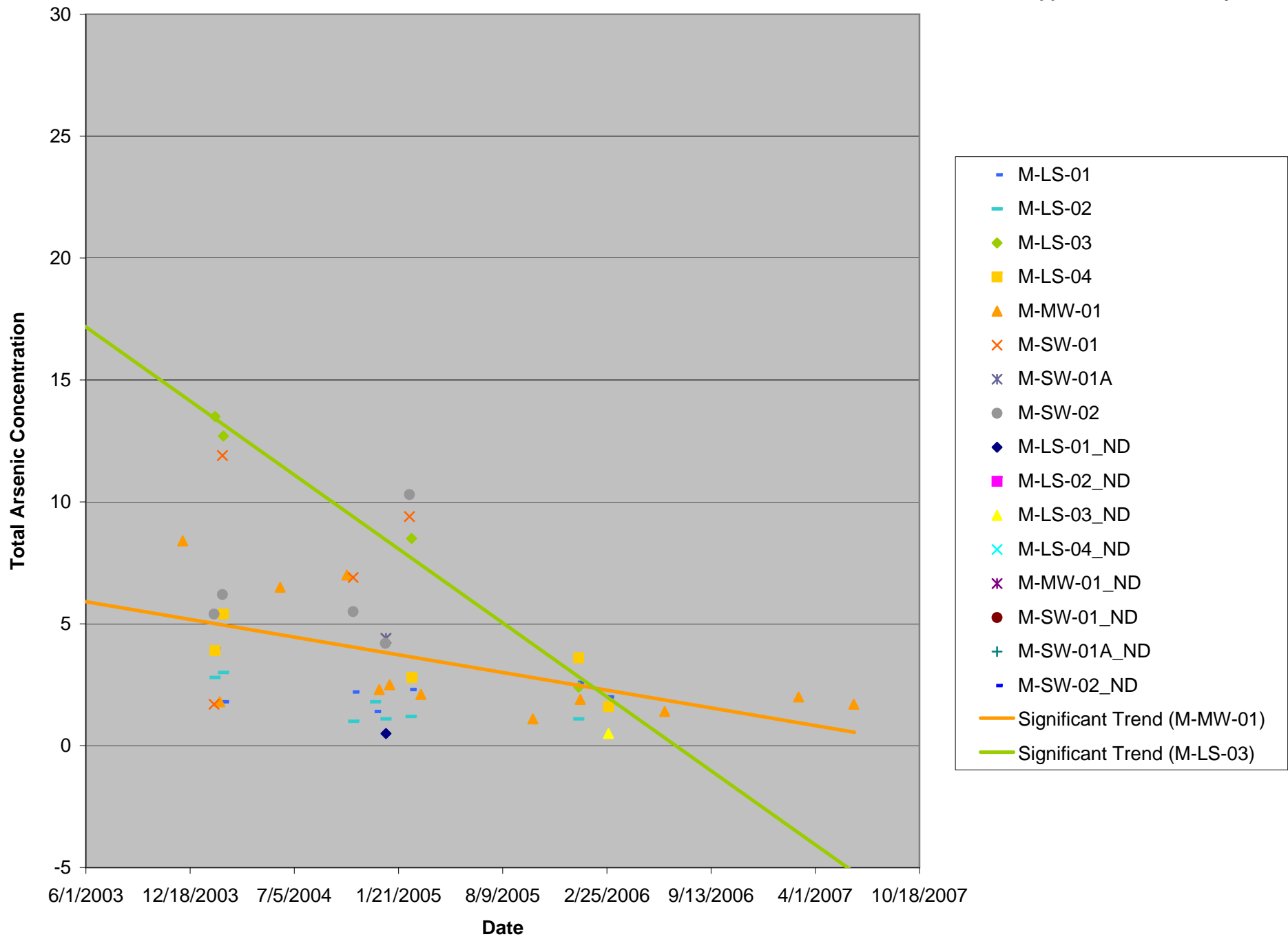
Appendix E: Metal Recycler



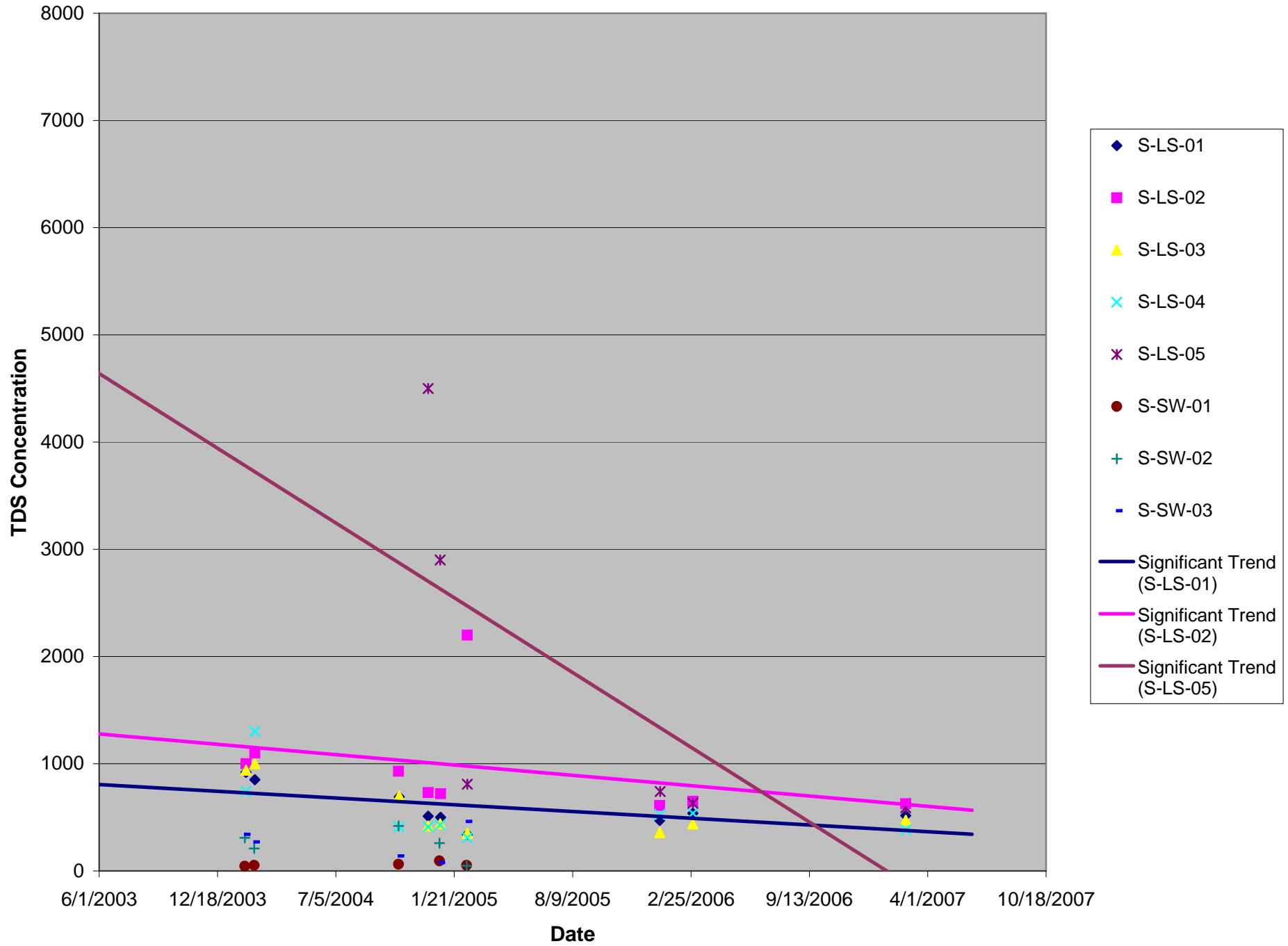
Appendix E: Metal Recycler



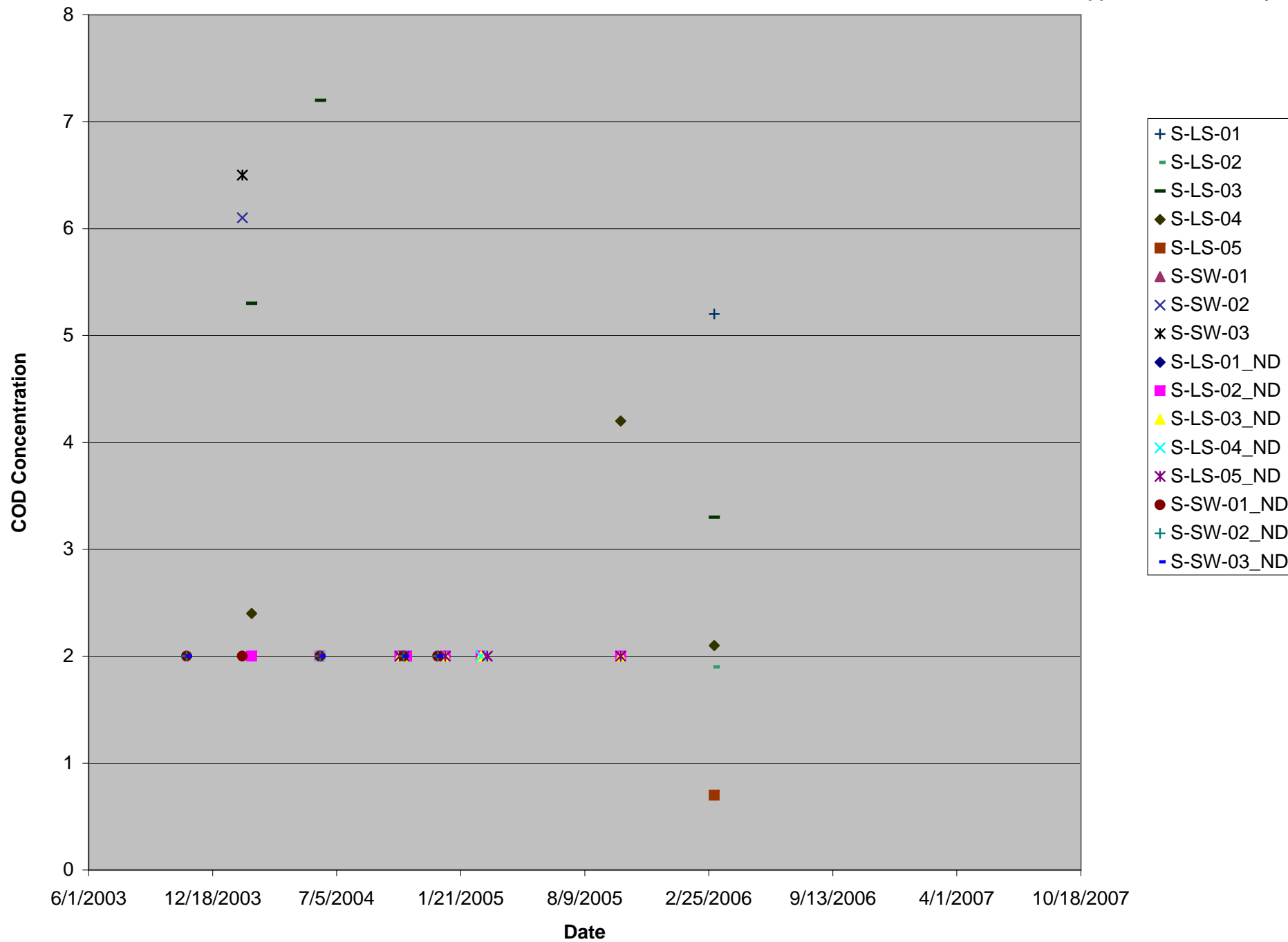
Appendix E: Metal Recycler



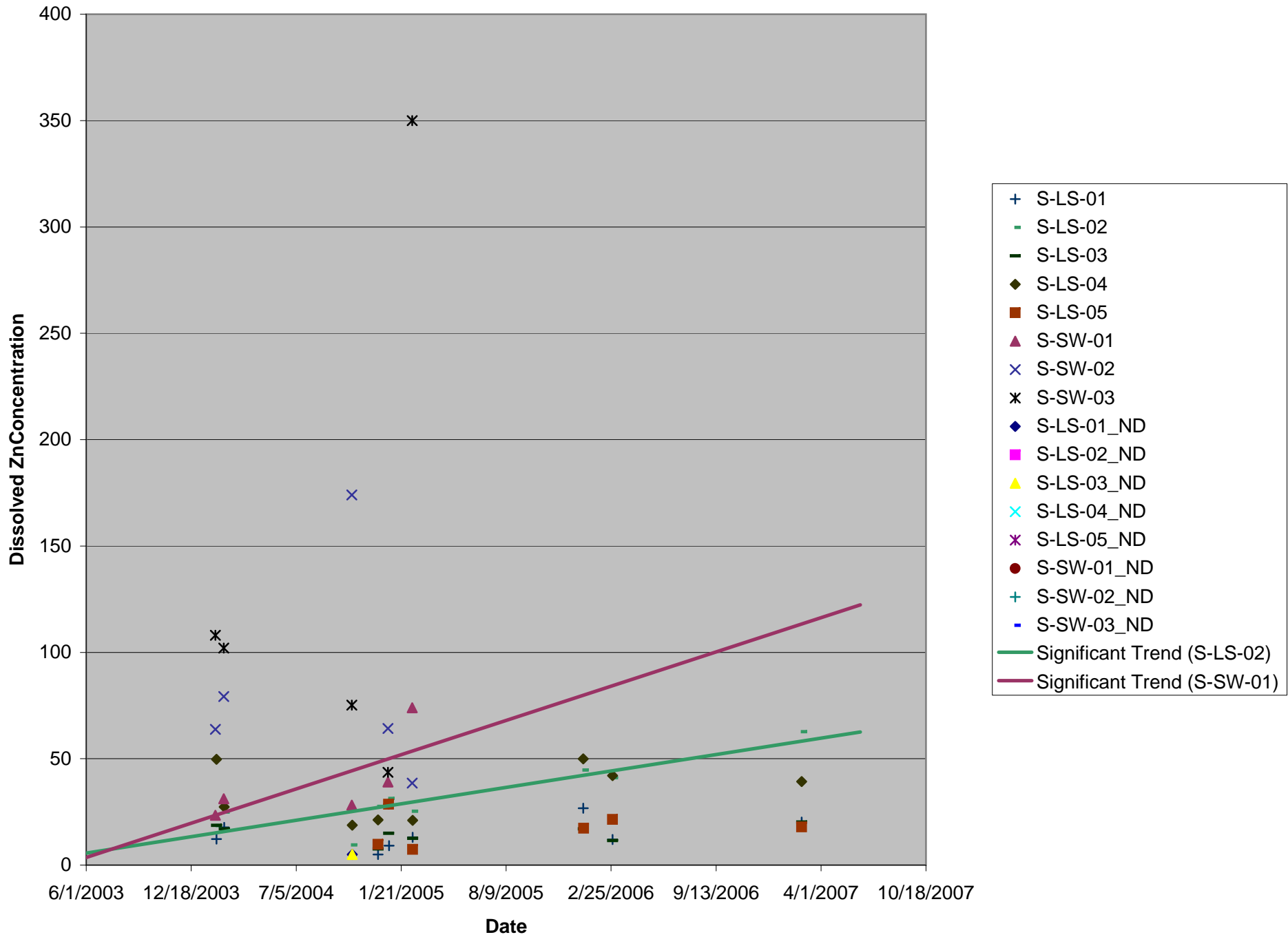
Appendix E: Sun Valley



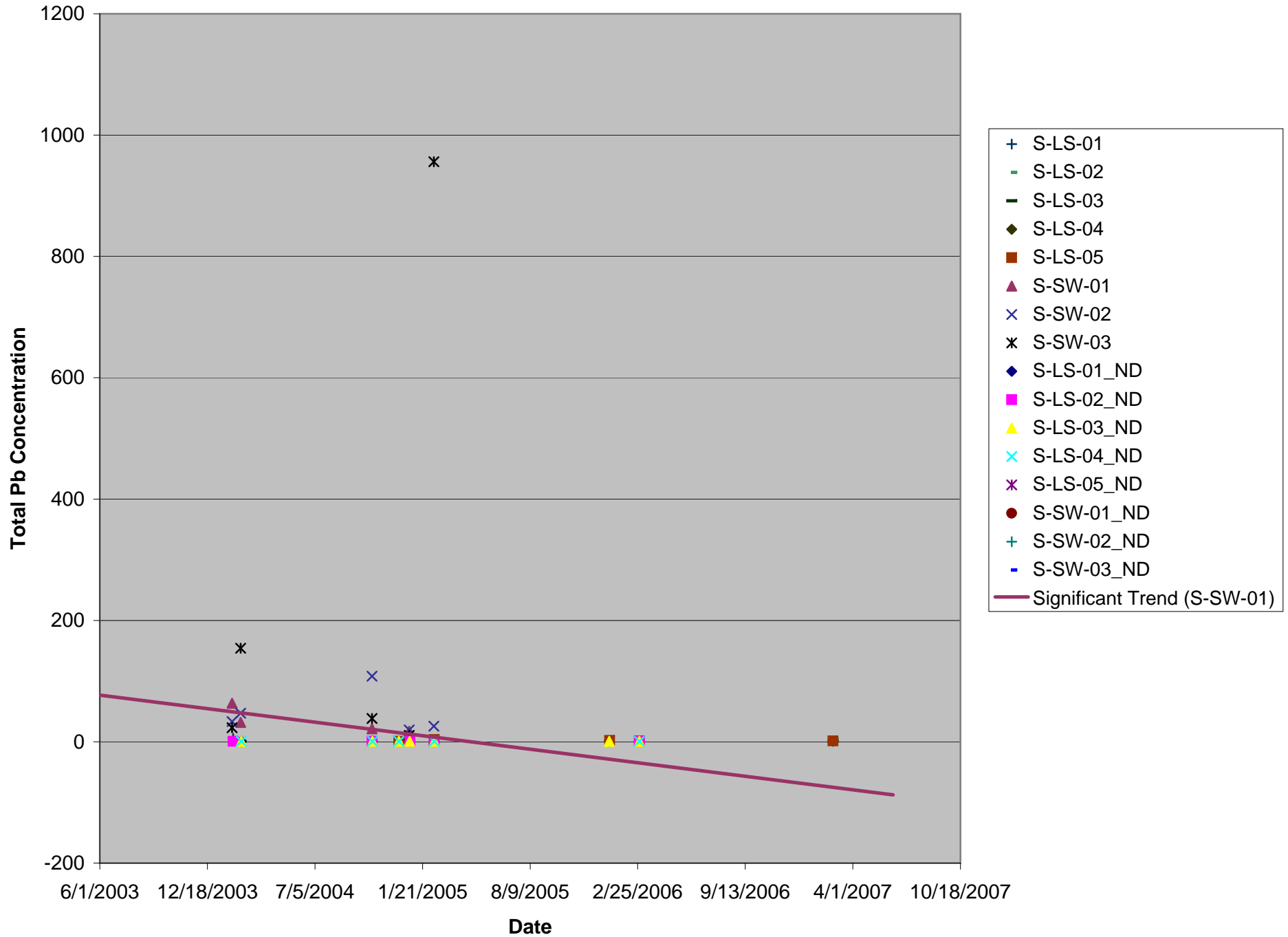
Appendix E: Sun Valley

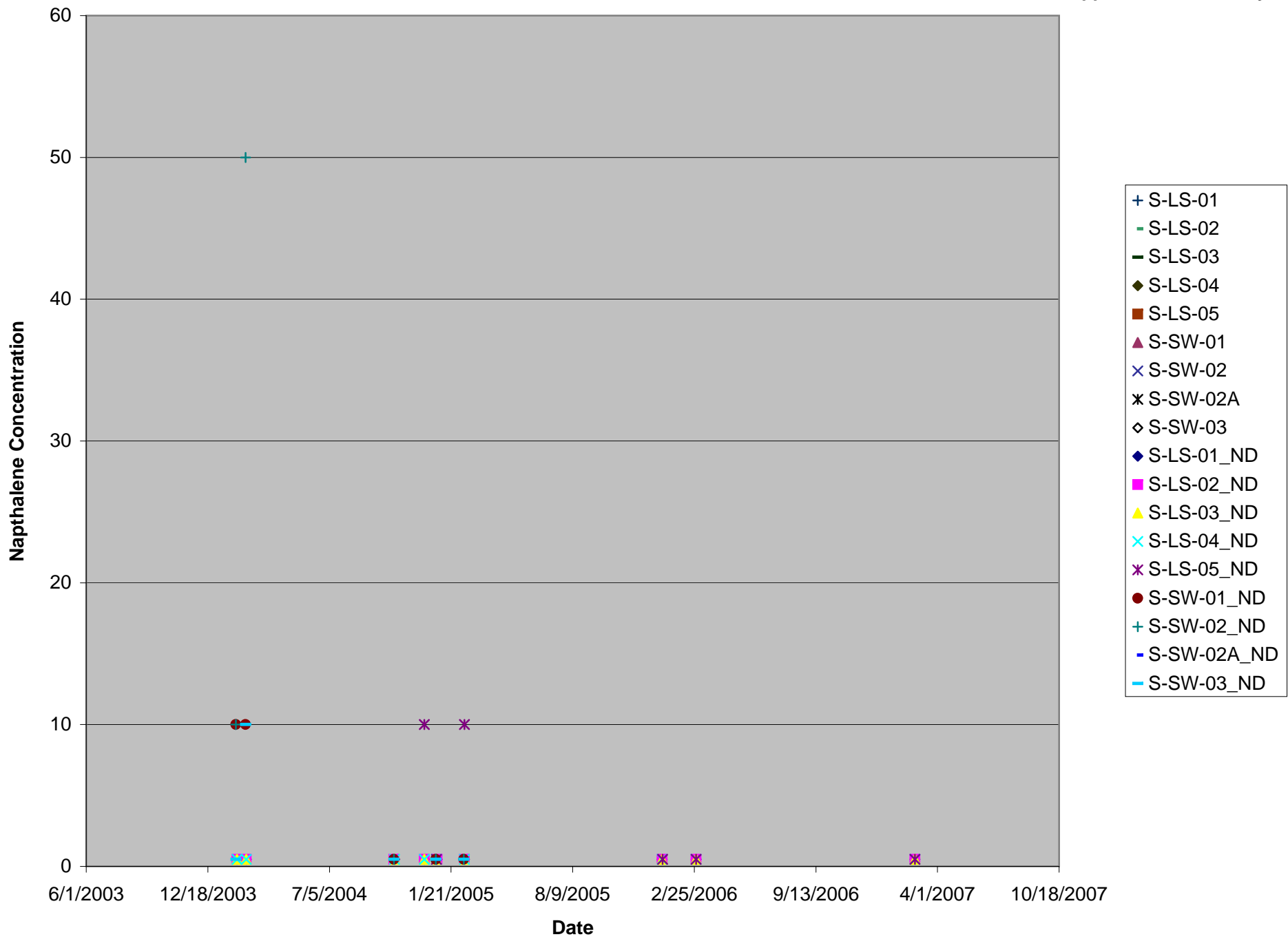


Appendix E: Sun Valey

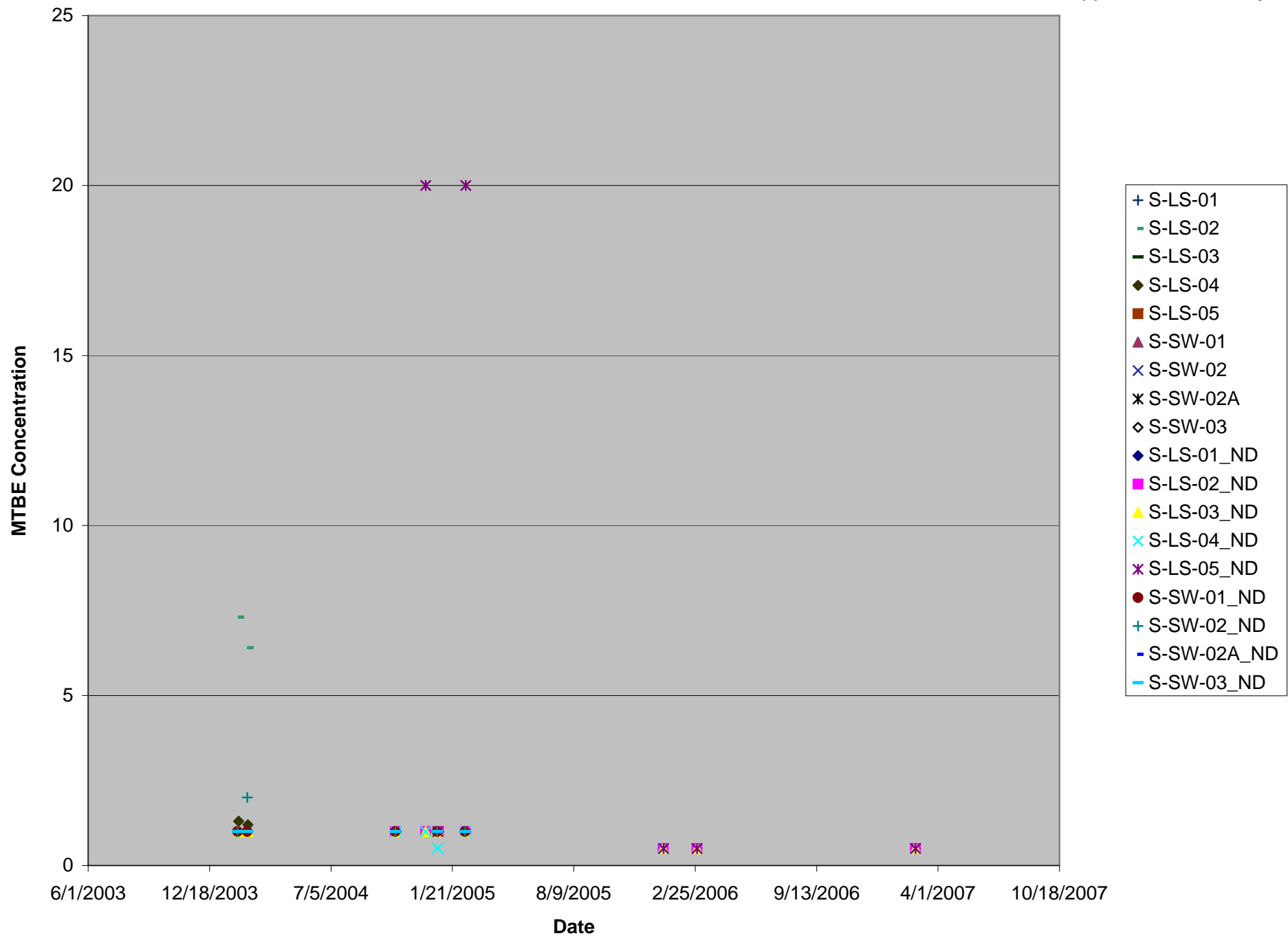


Appendix E: Sun Valey

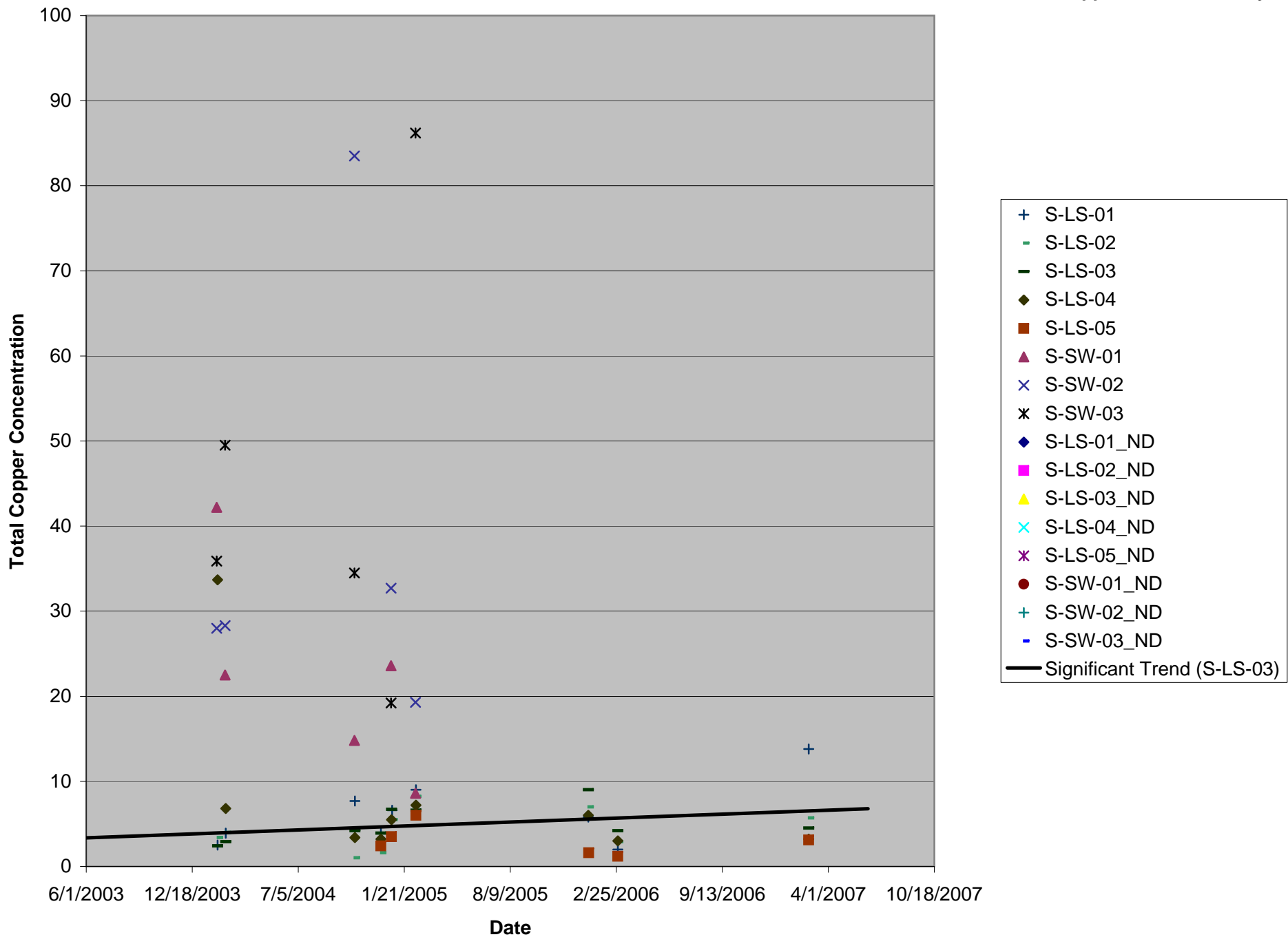




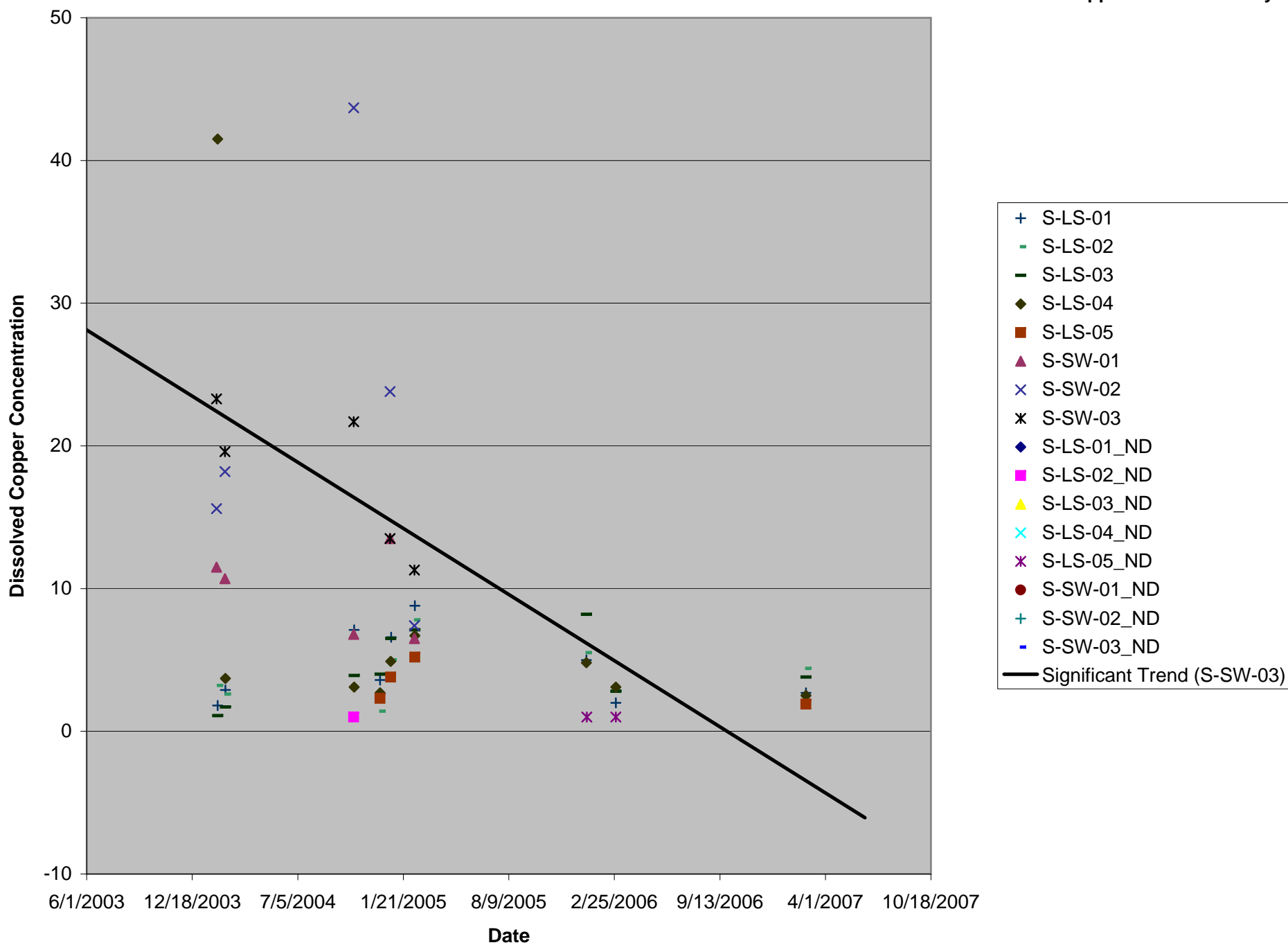
Appendix E: Sun Valley



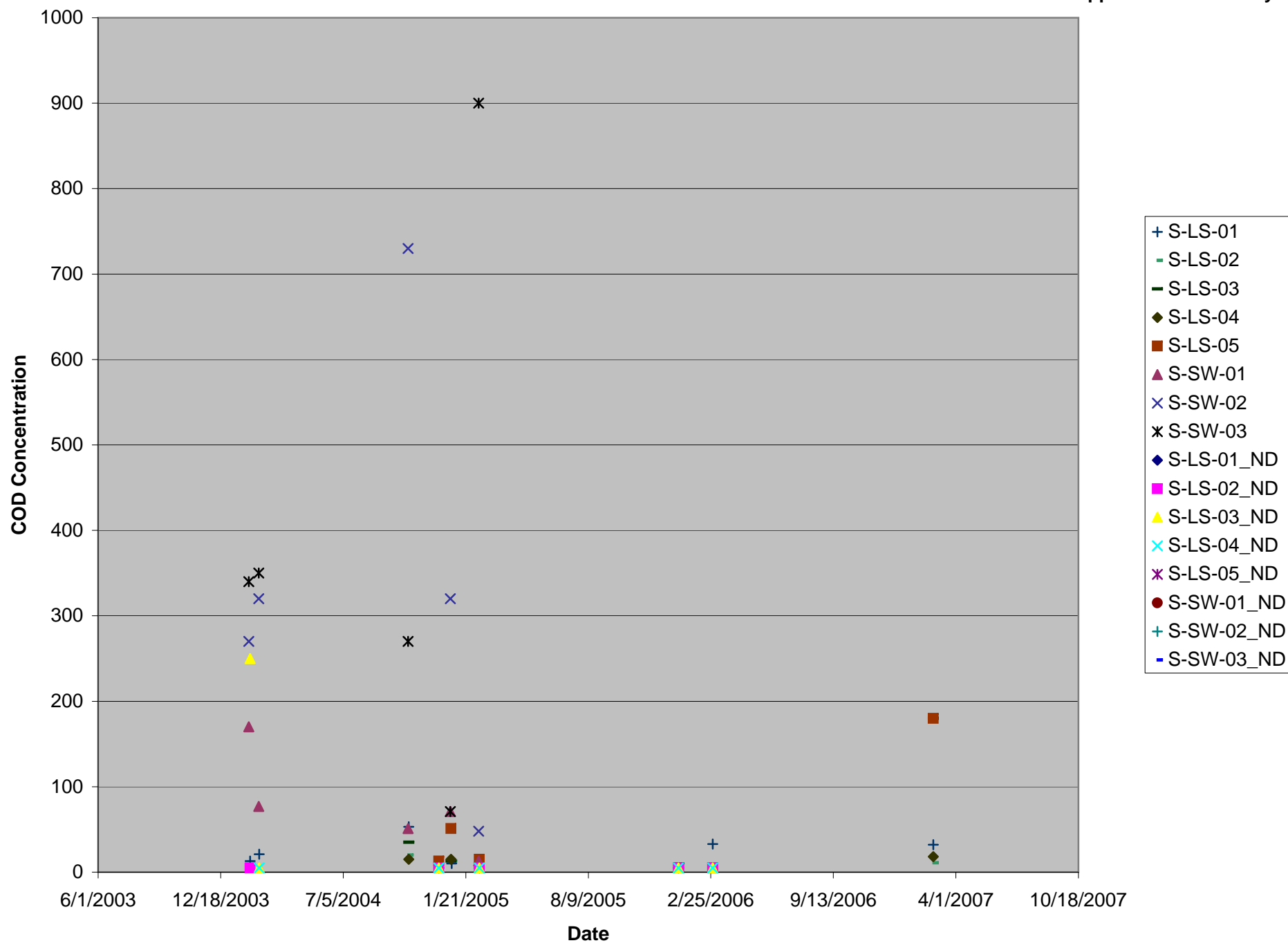
Appendix E: Sun Valey



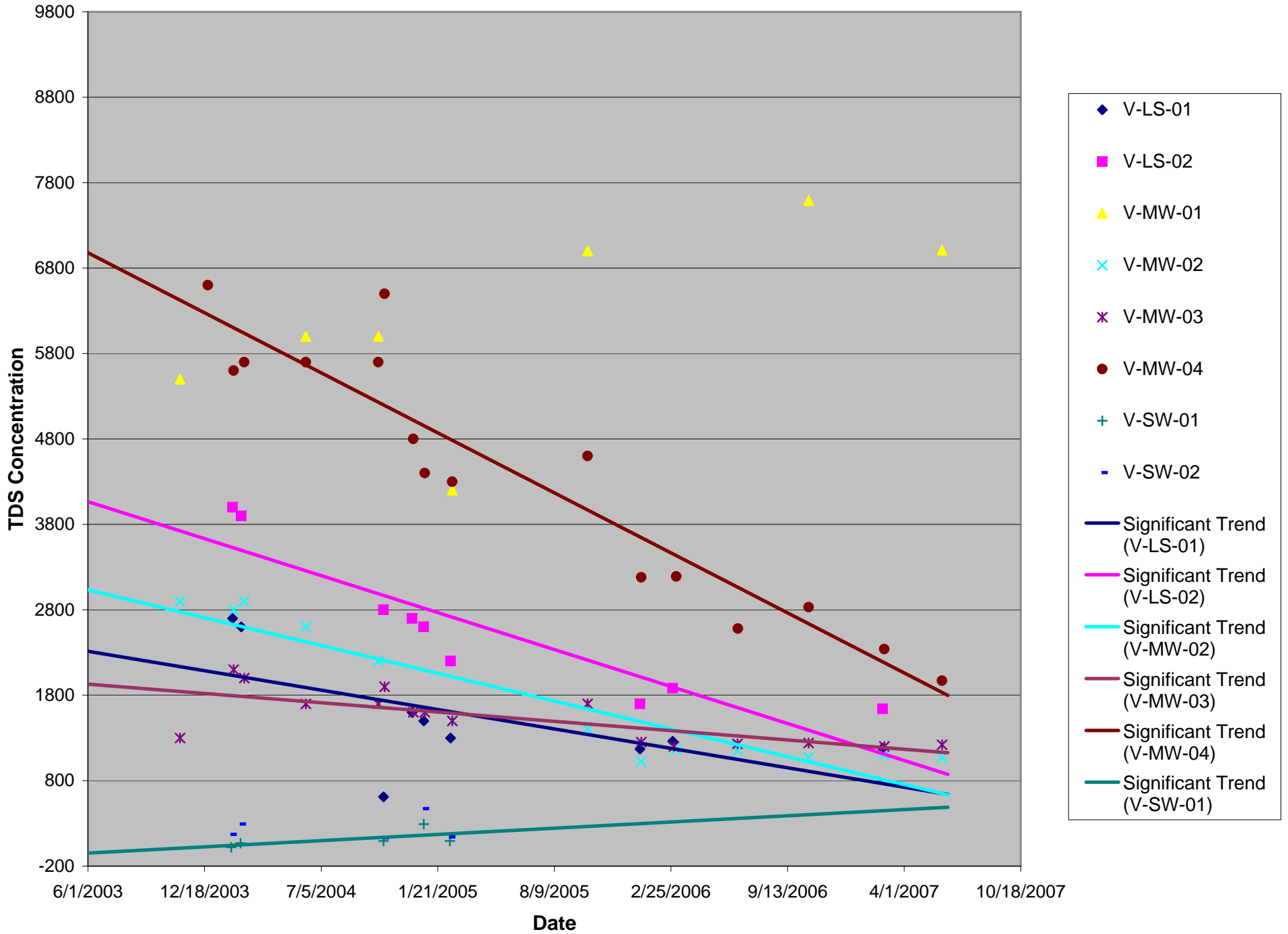
Appendix E: Sun Valey



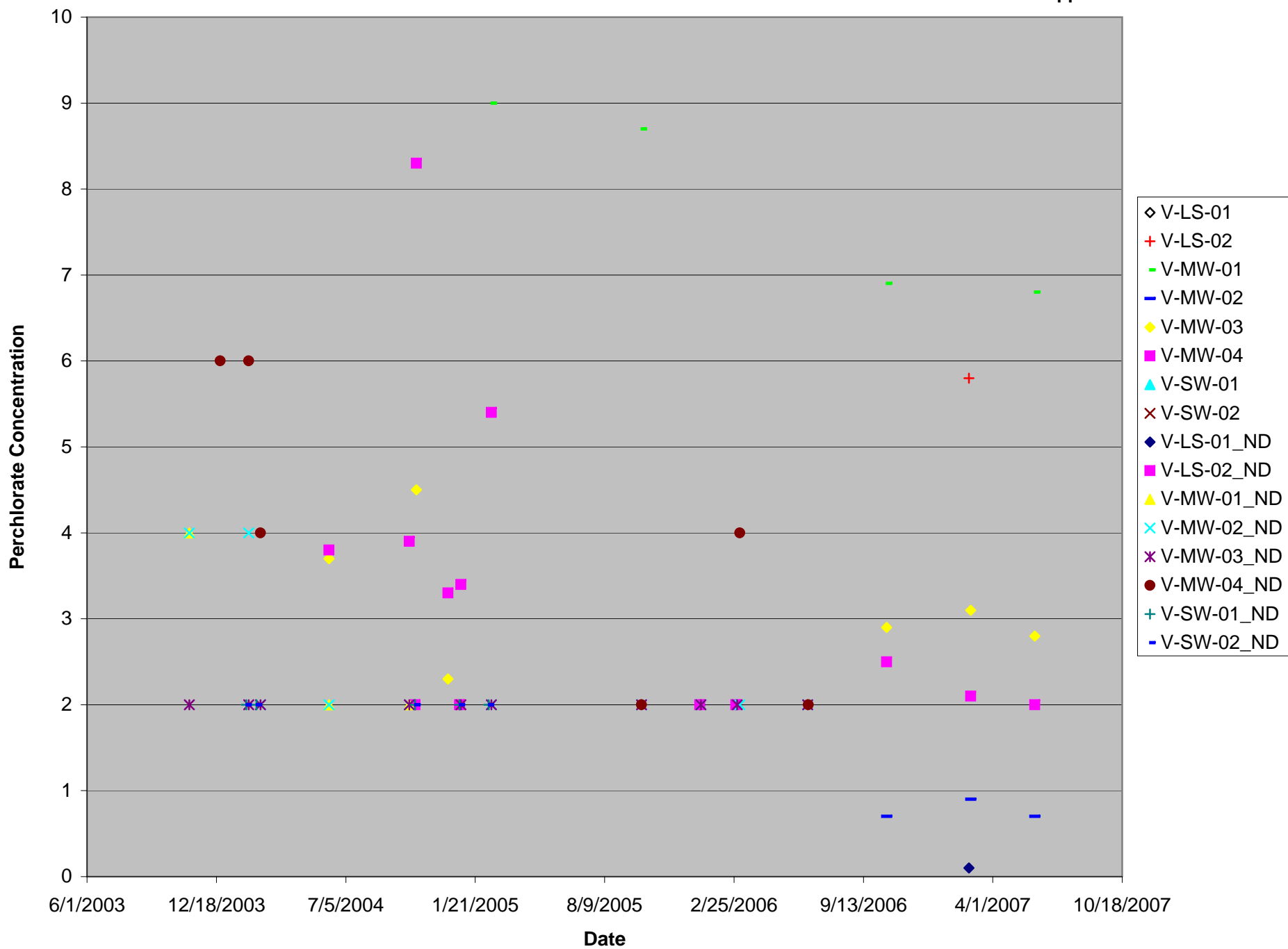
Appendix E: Sun Valley



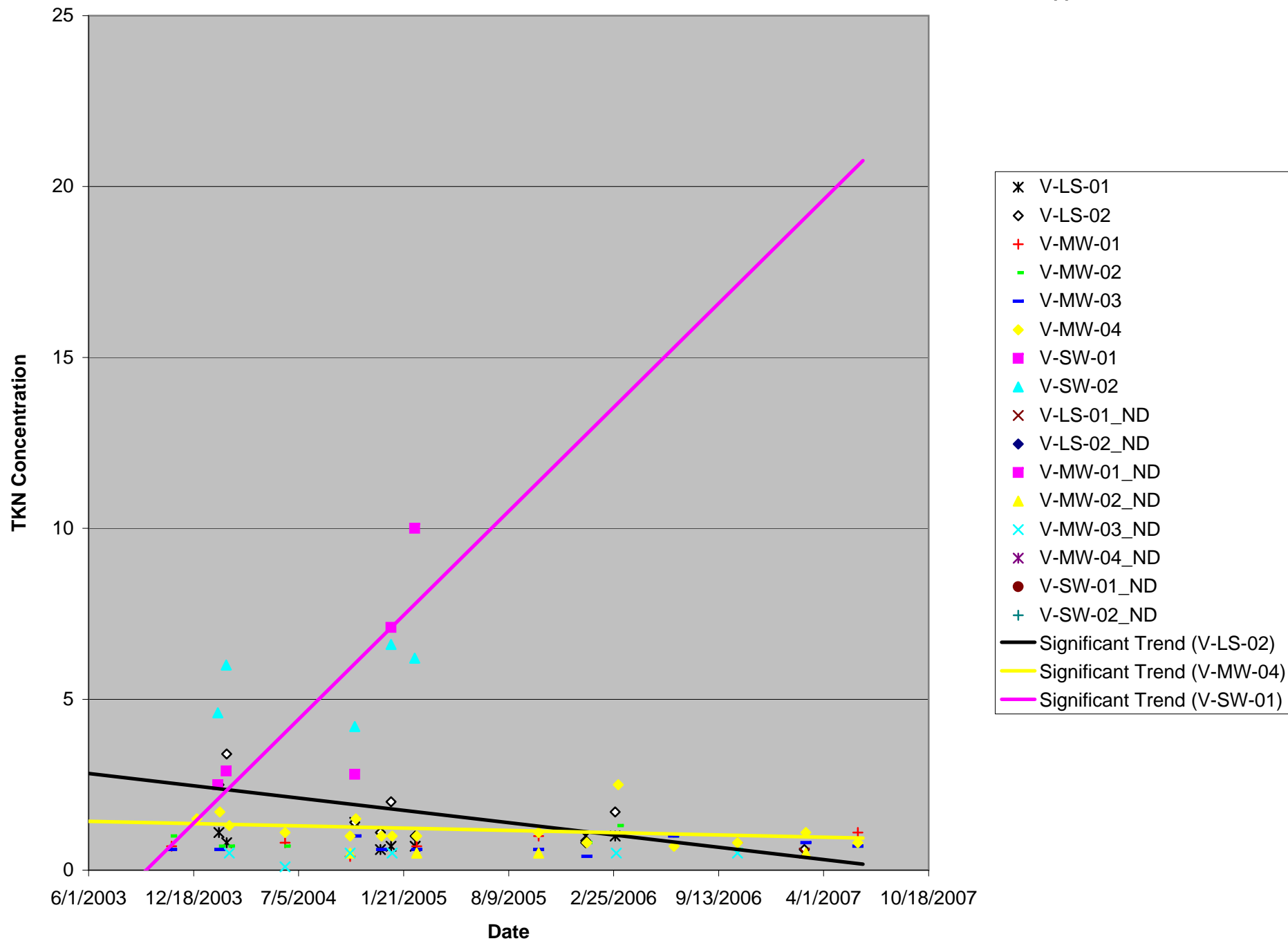
Appendix E: Veterans Park



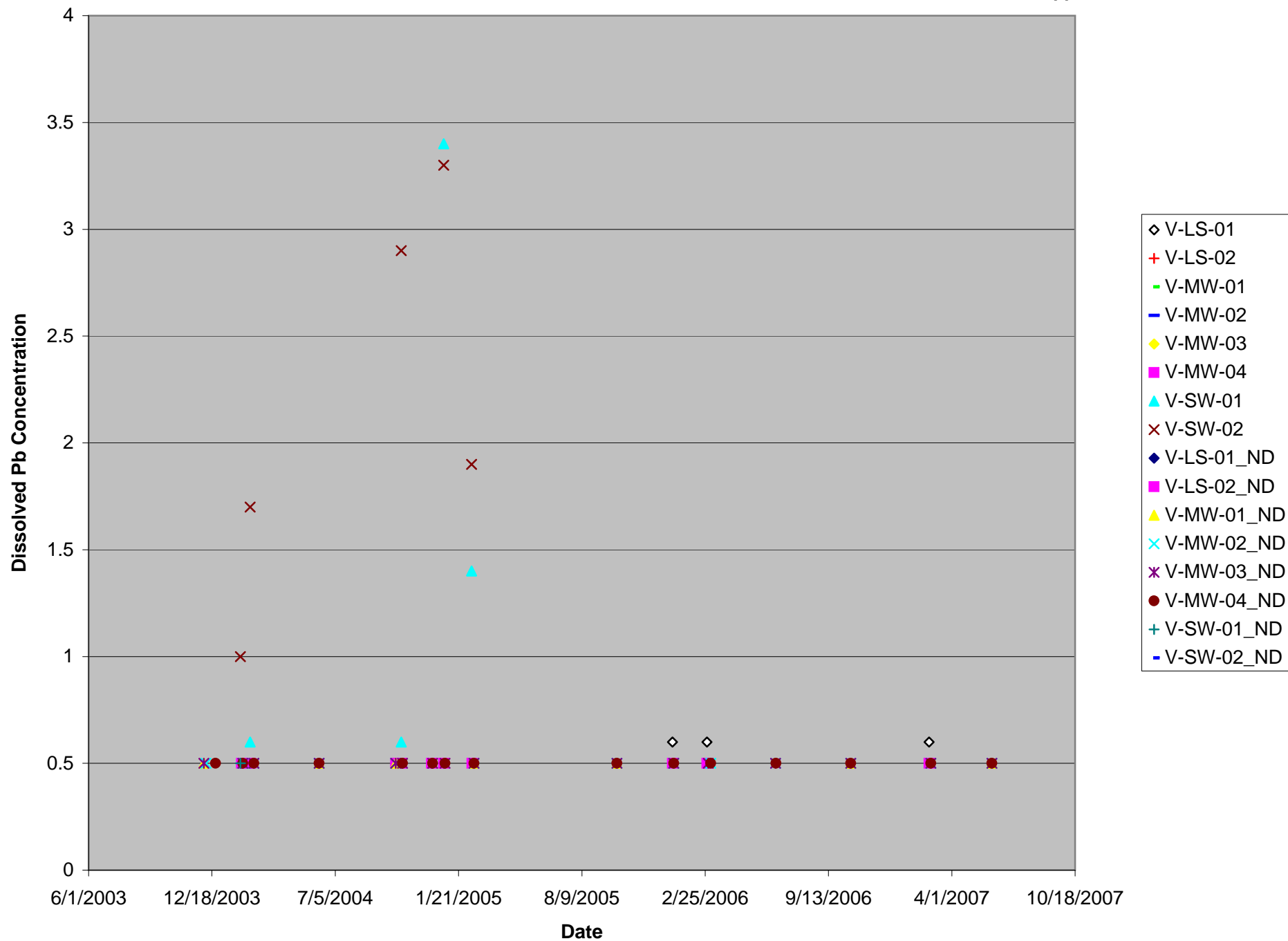
Appendix E: Veterans Park



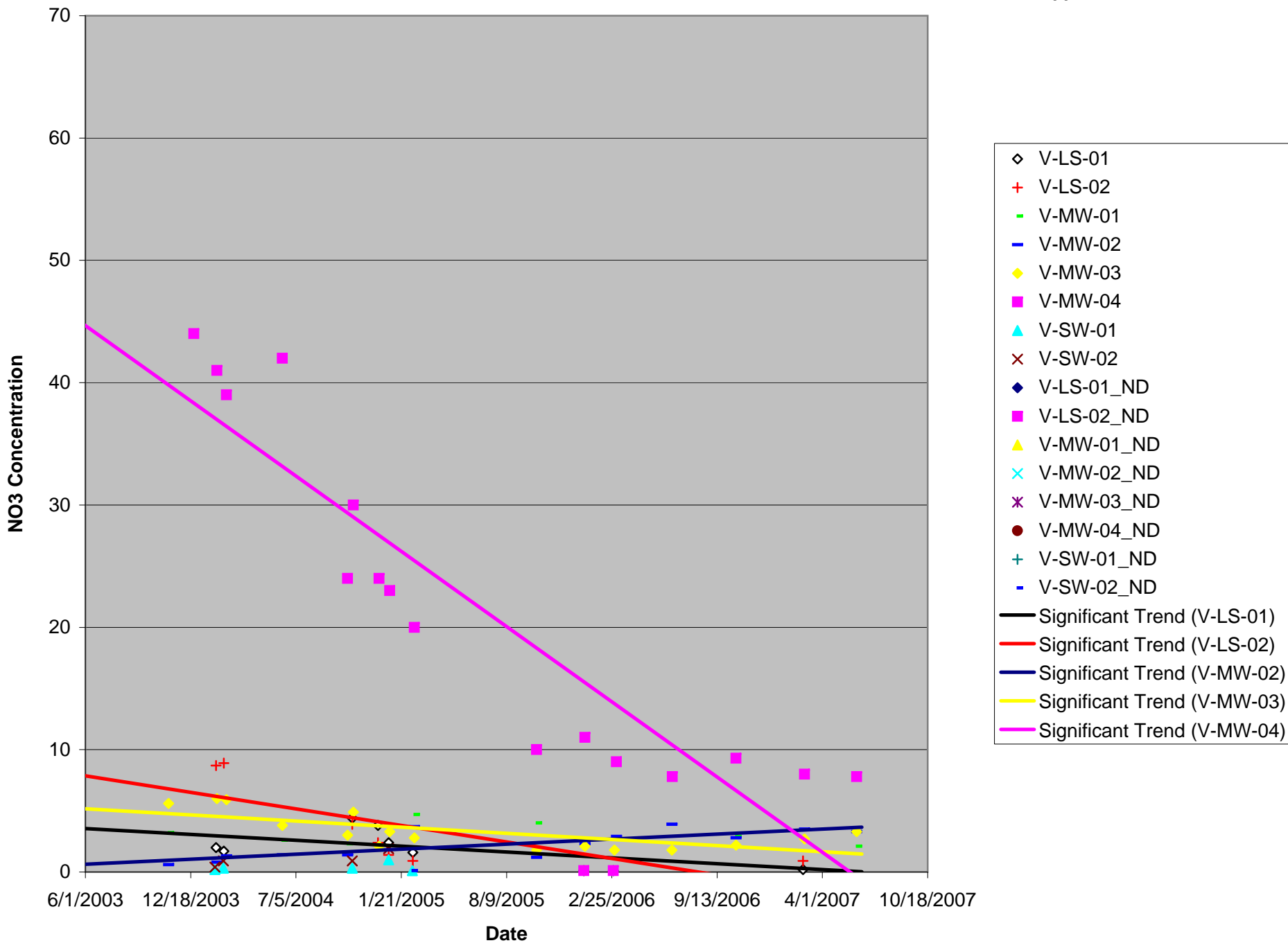
Appendix E: Veterans Park



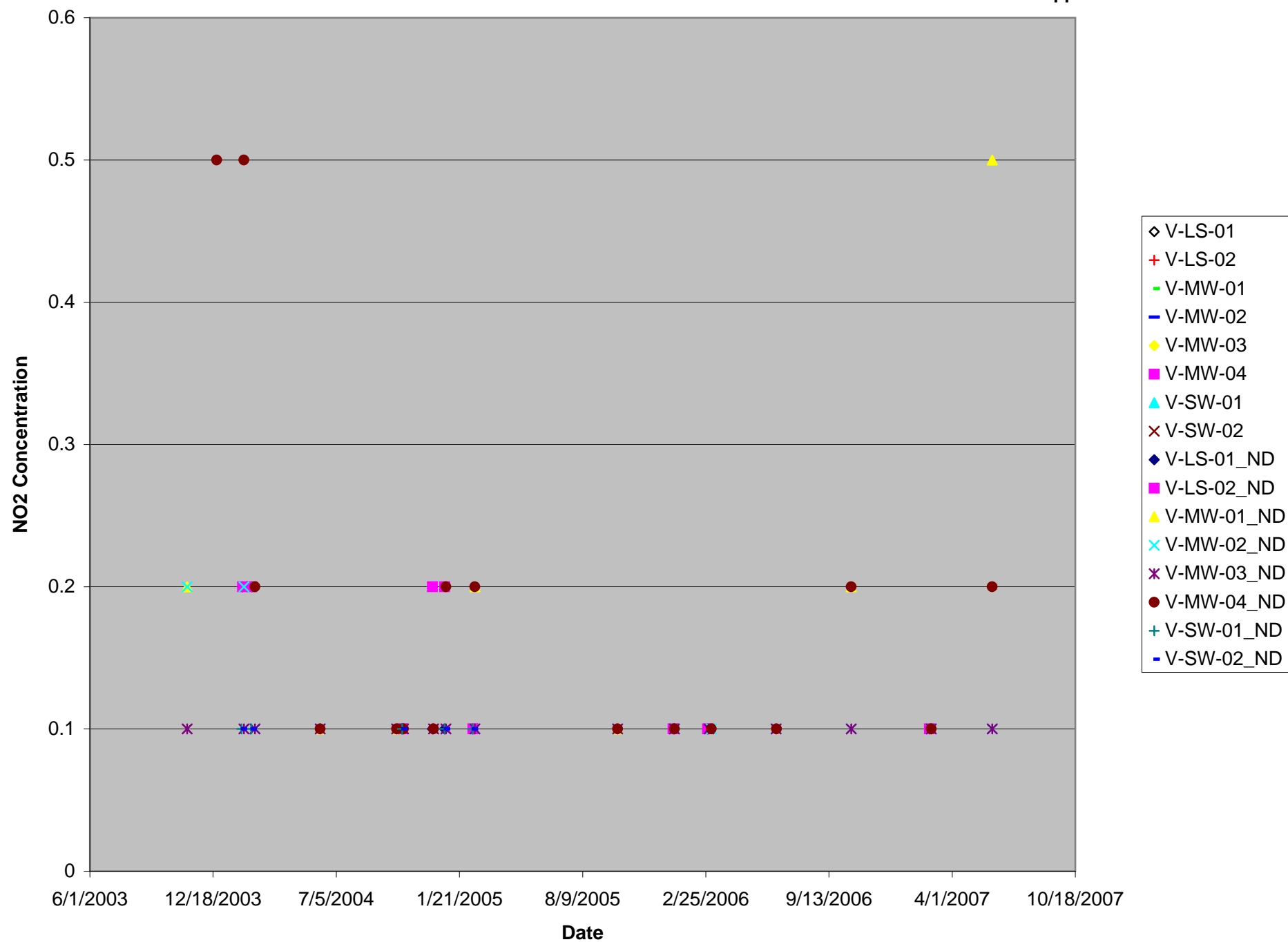
Appendix E: Veterans Park



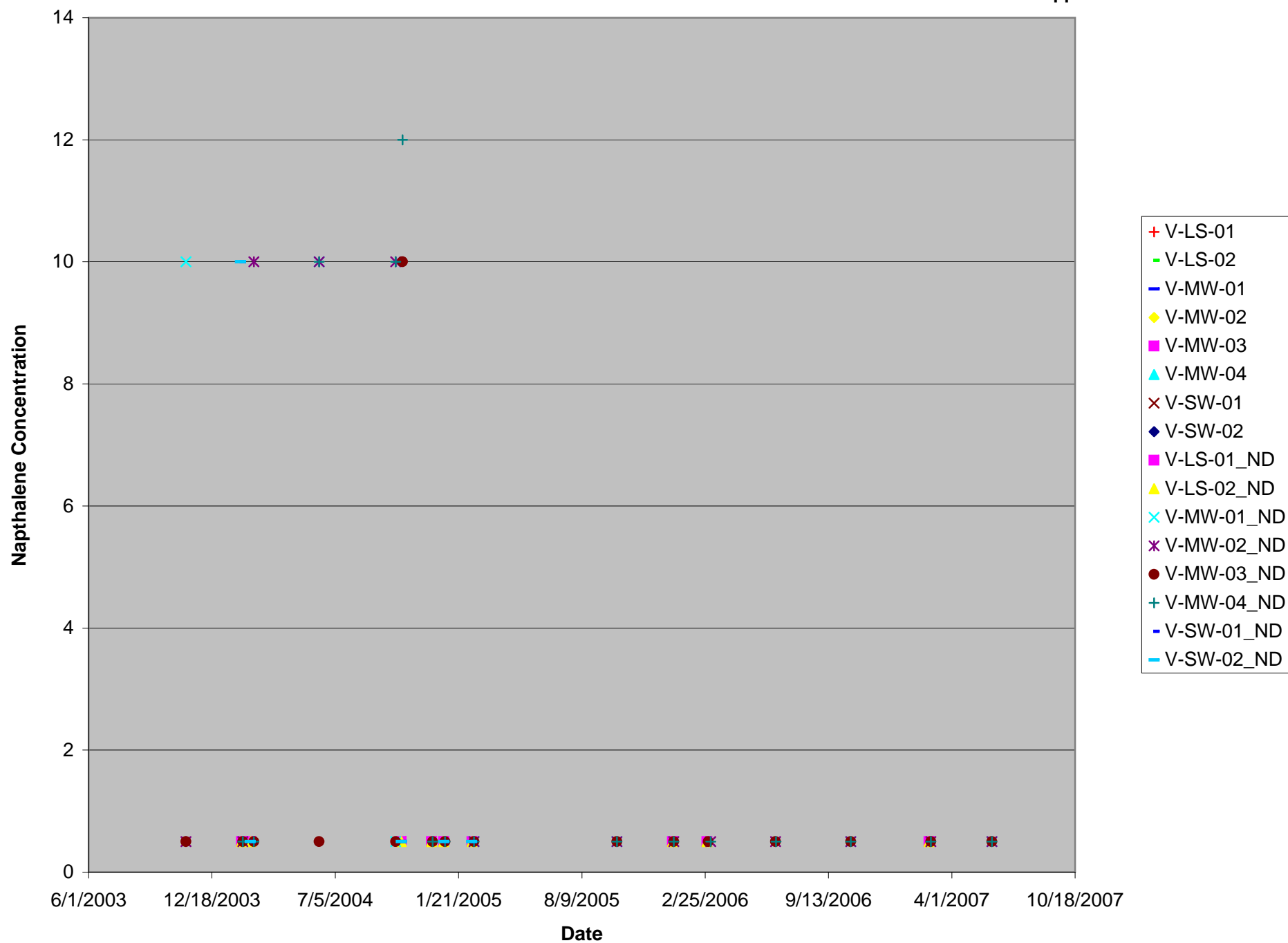
Appendix E: Veterans Park



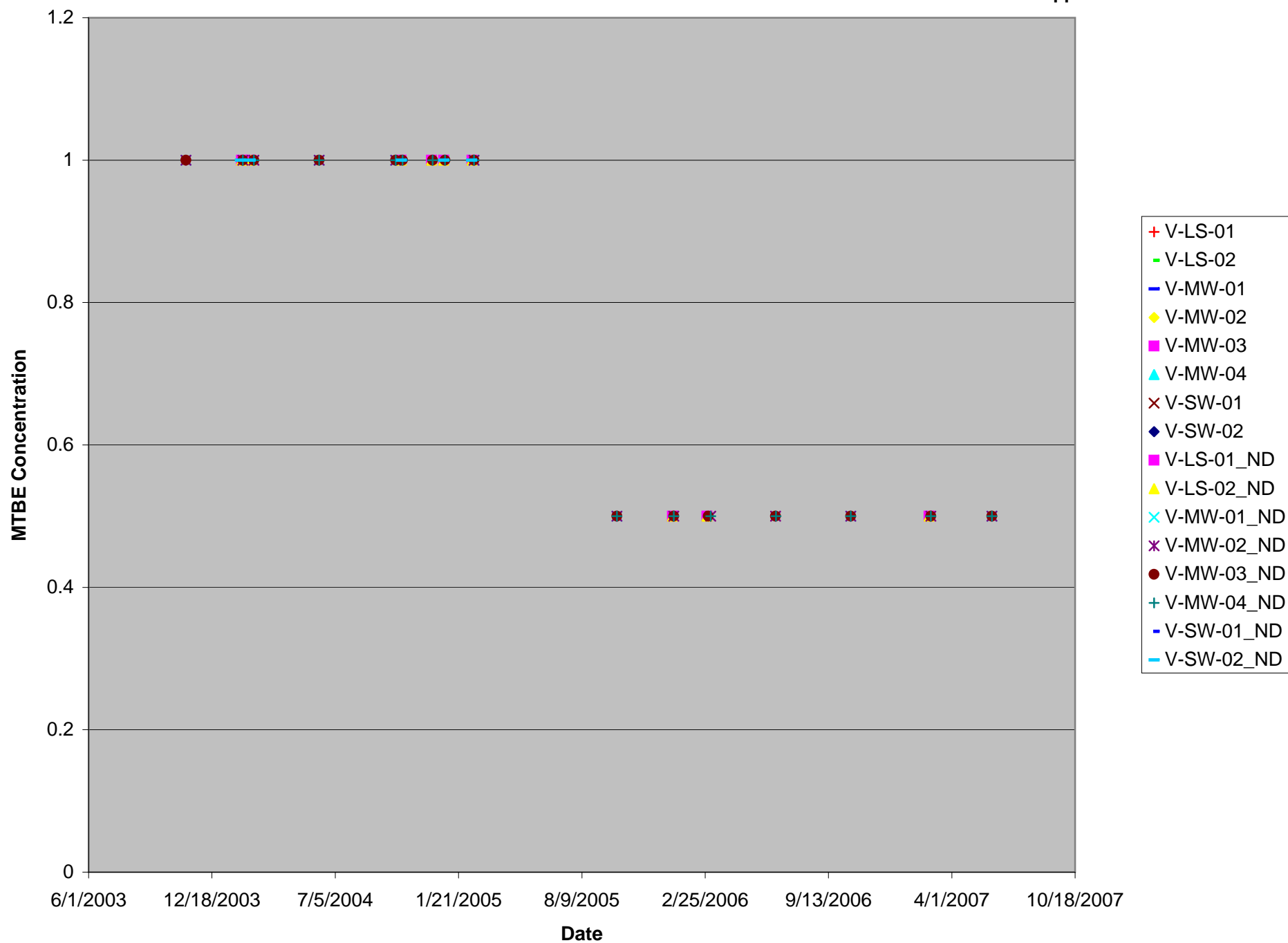
Appendix E: Veterans Park



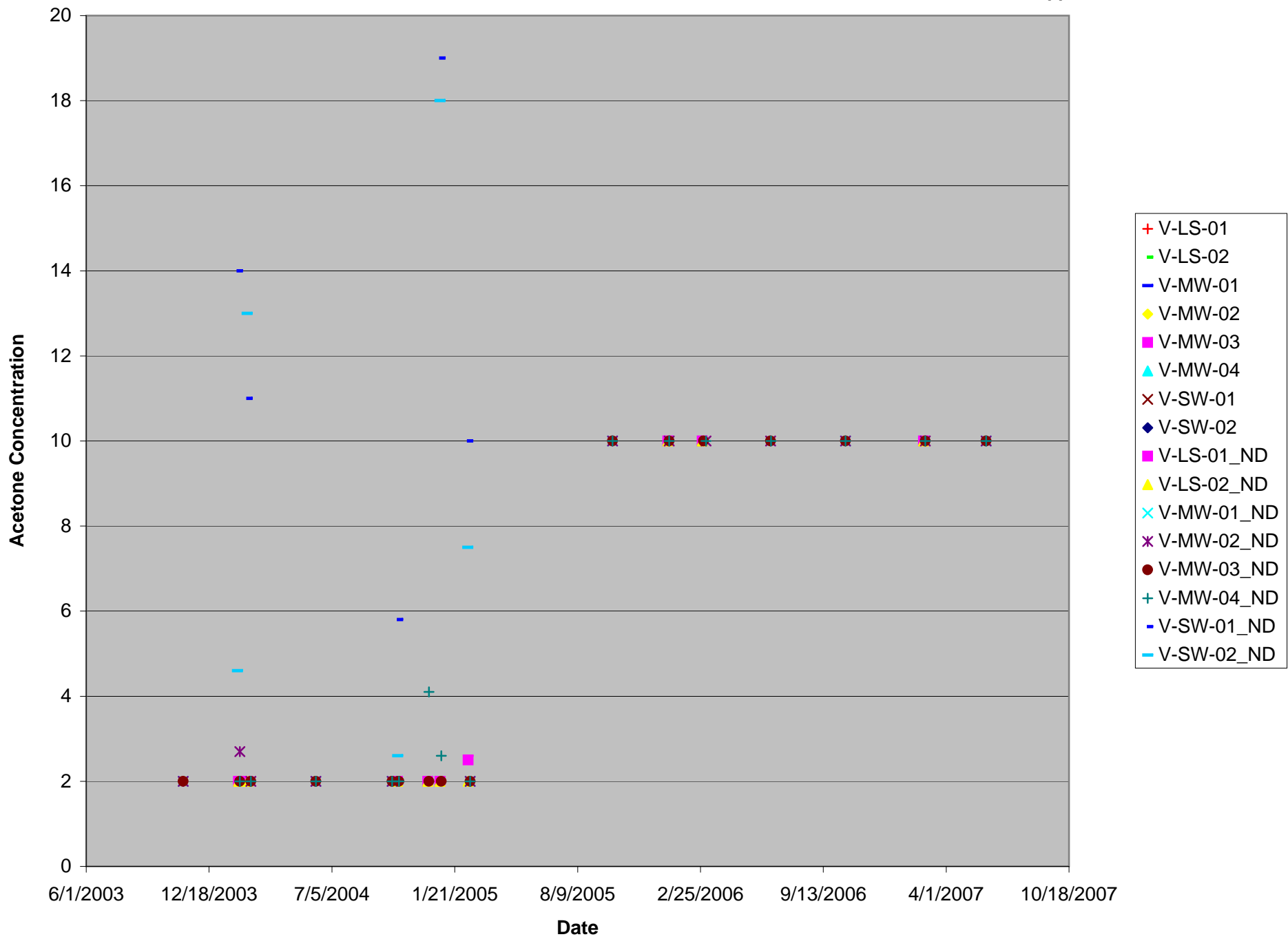
Appendix E: Veterans Park



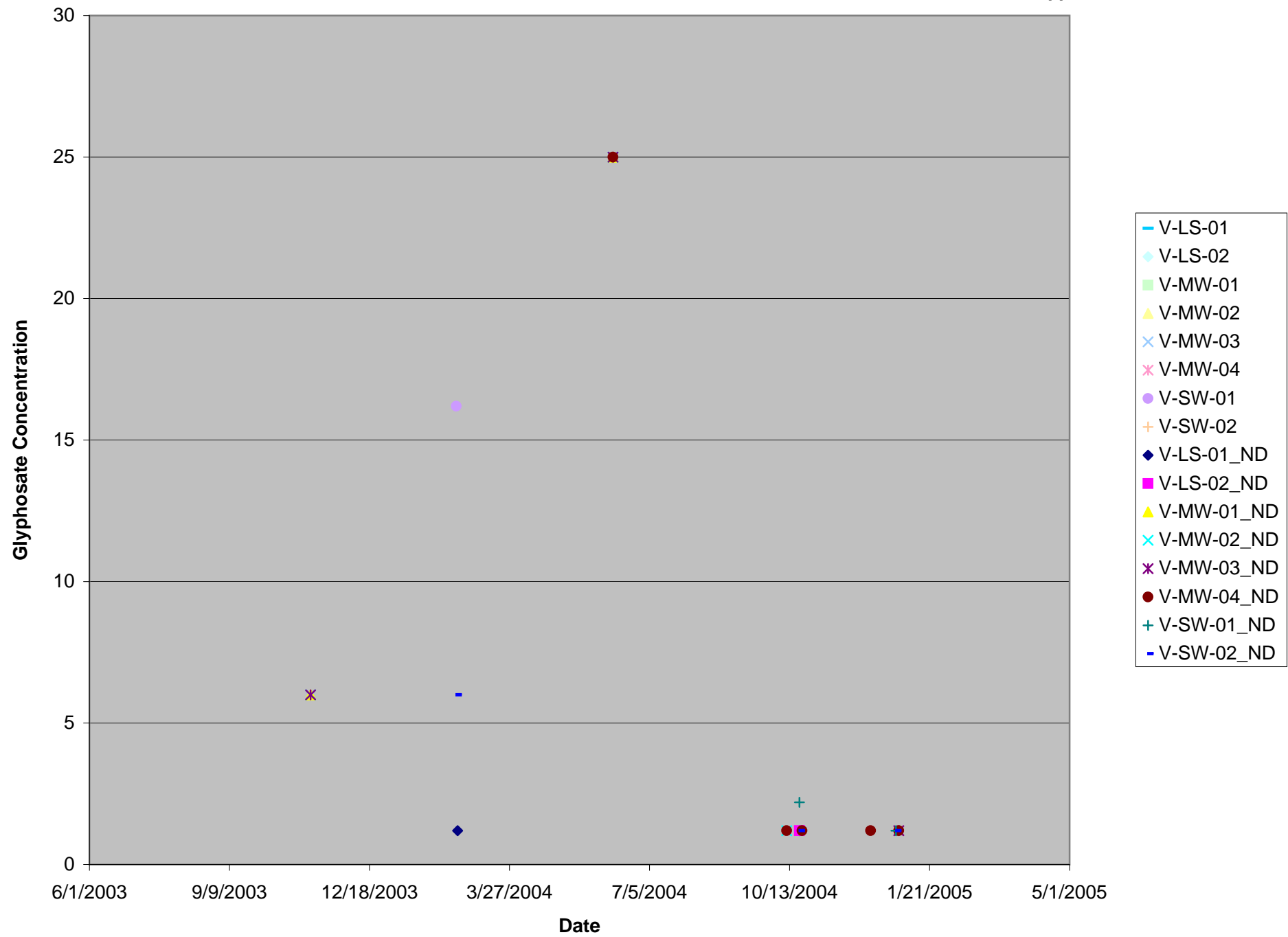
Appendix E: Veterans Park



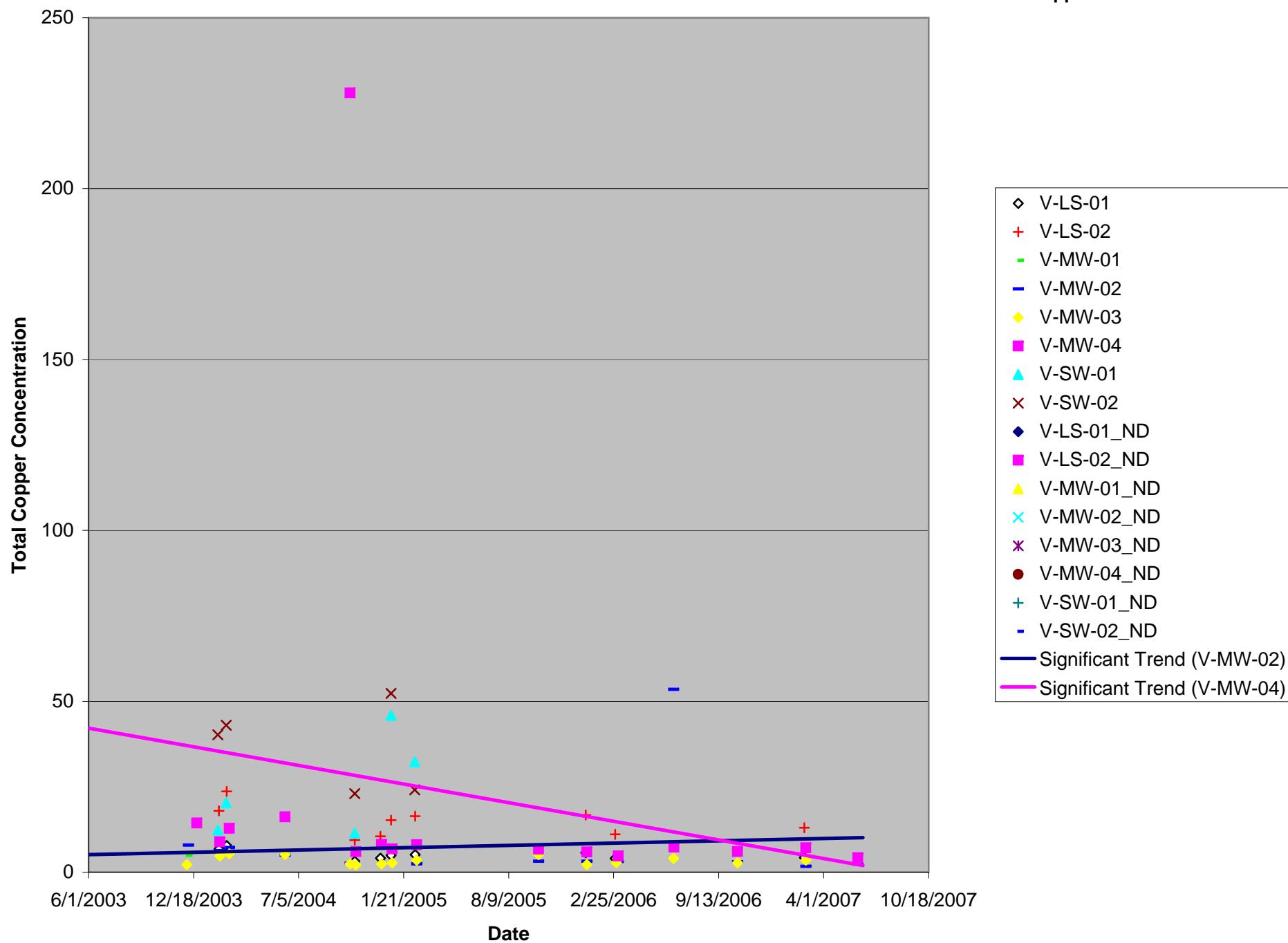
Appendix E: Veterans Park



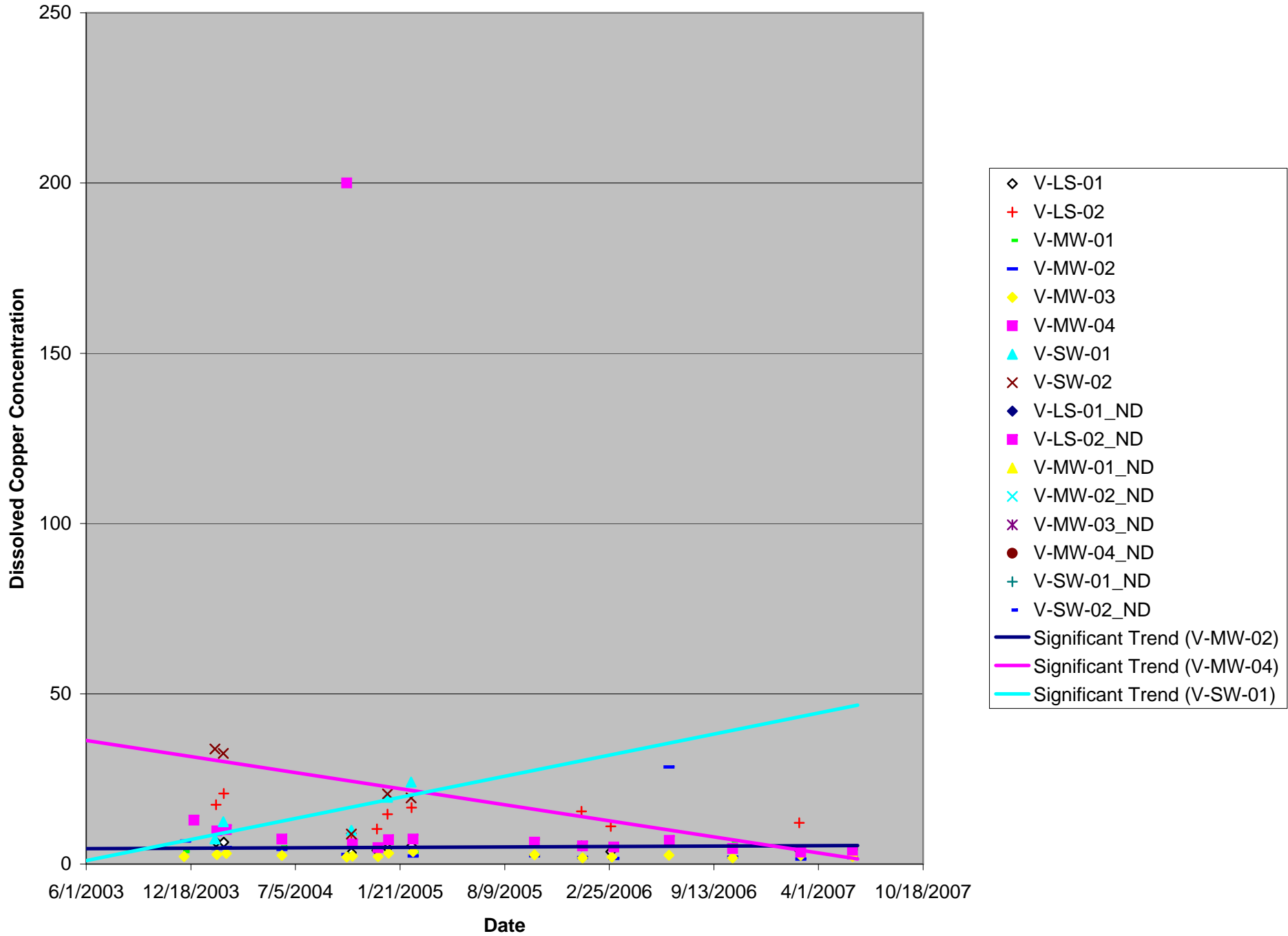
Appendix E: Veterans Park



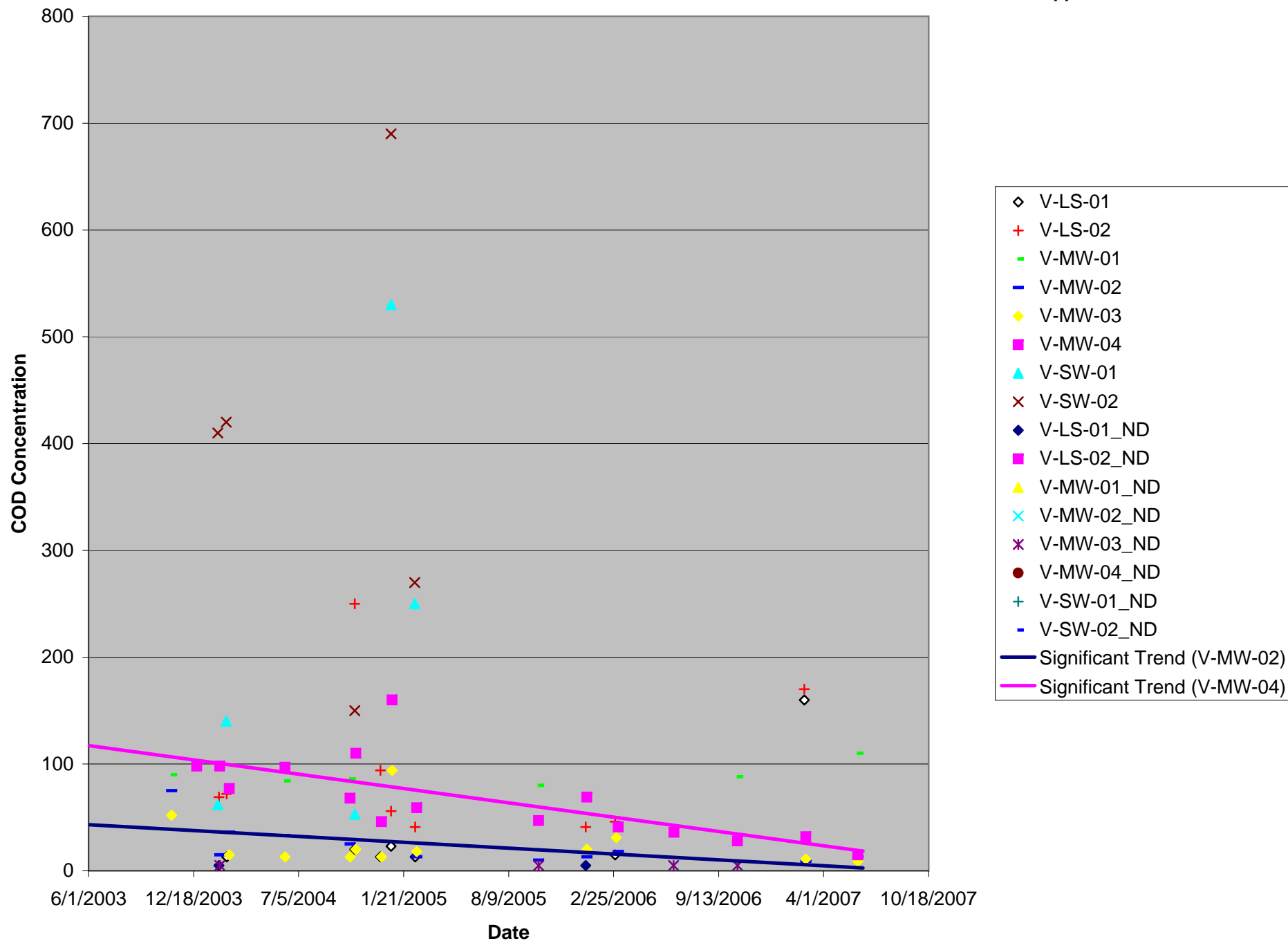
Appendix E: Veterans Park



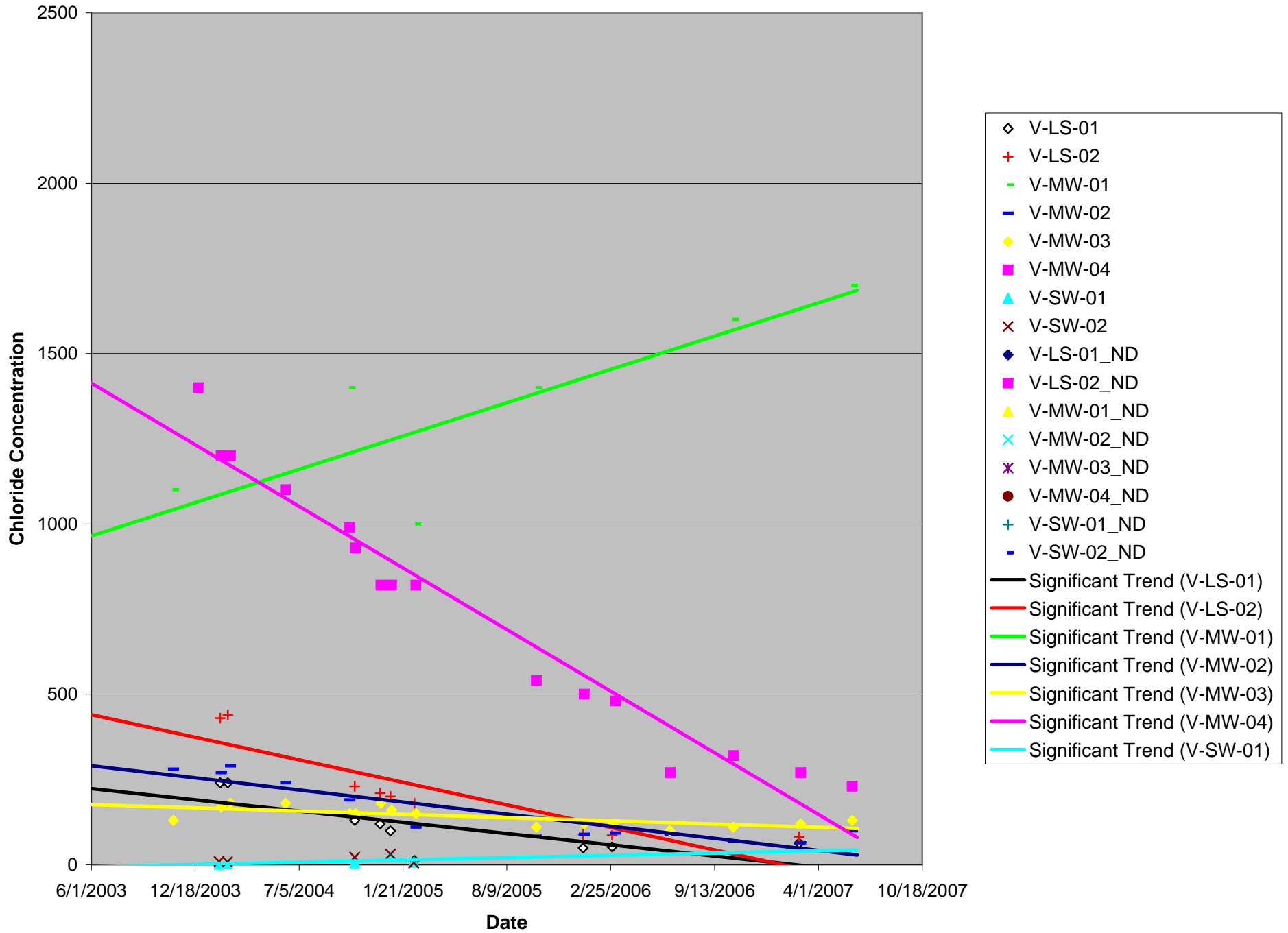
Appendix E: Veterans Park



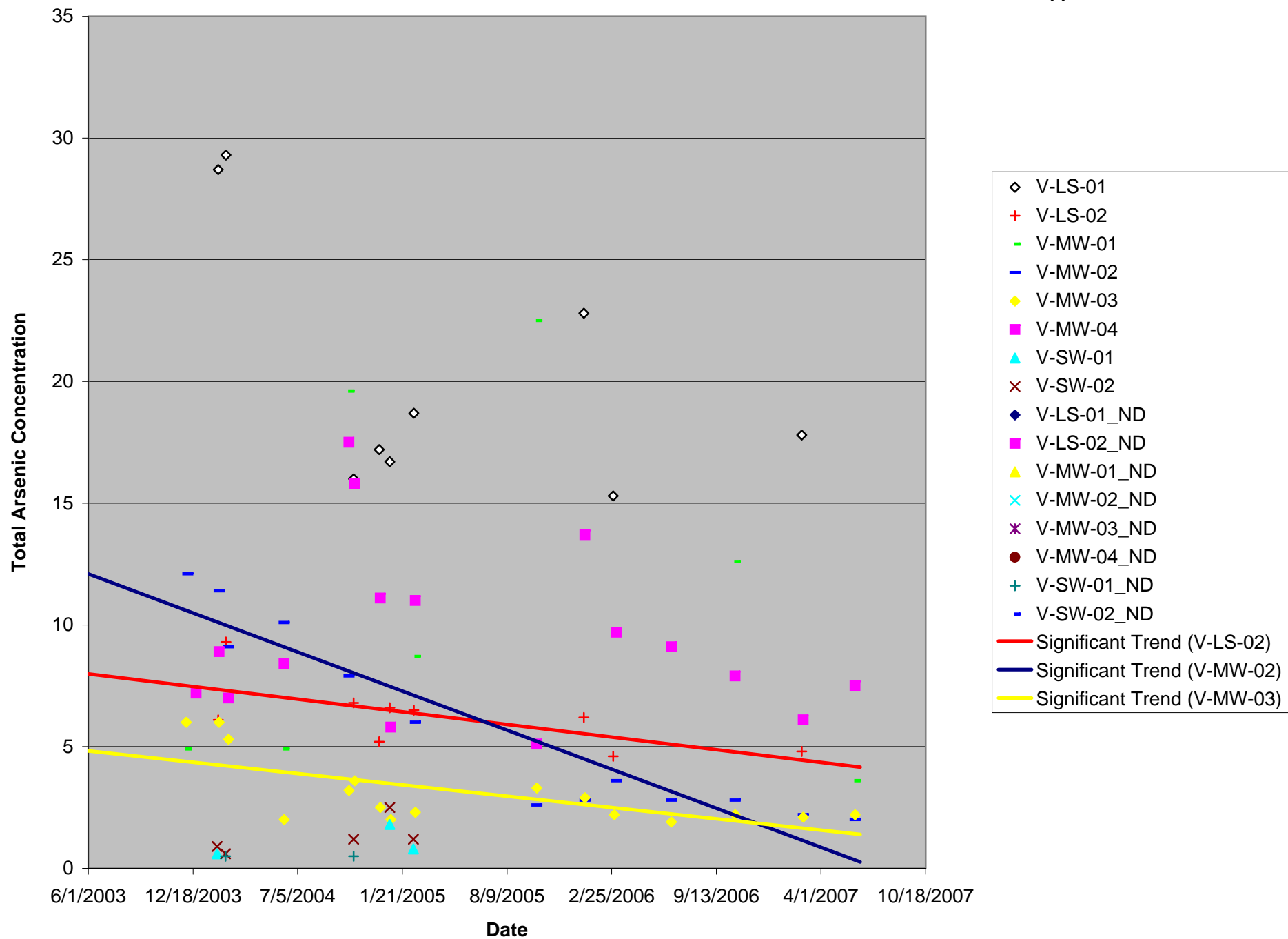
Appendix E: Veterans Park



Appendix E: Veterans Park

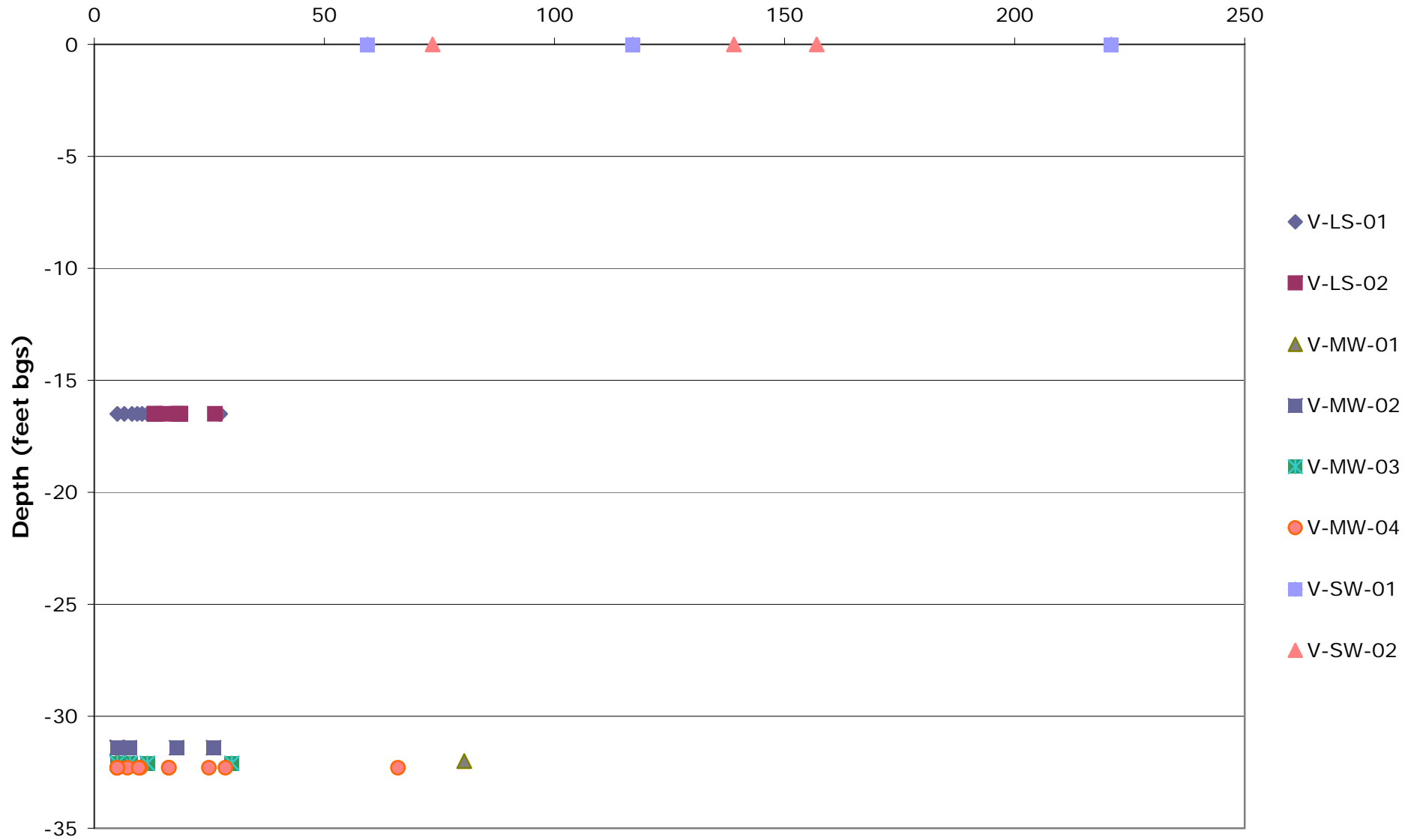


Appendix E: Veterans Park

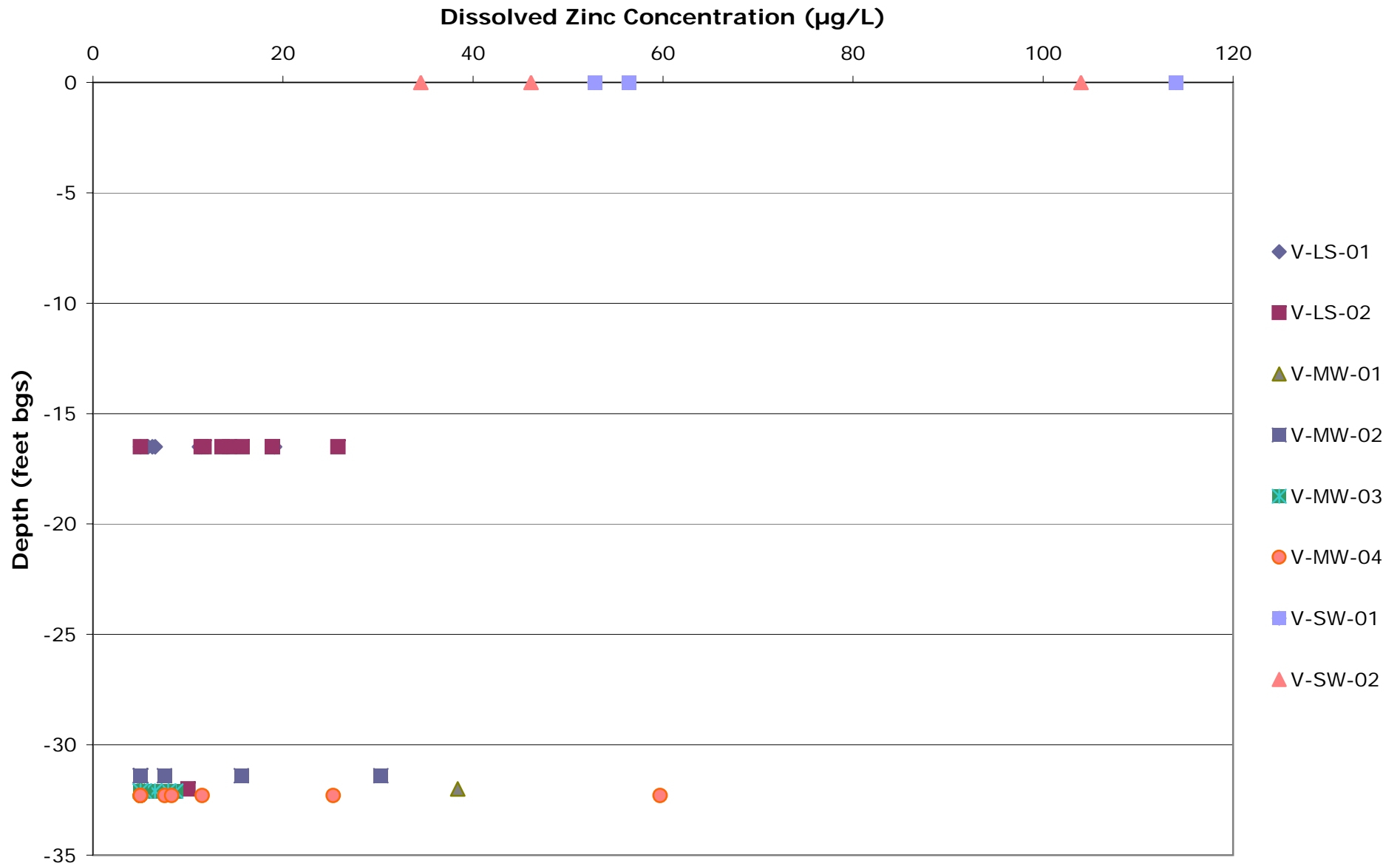


Veterans Park

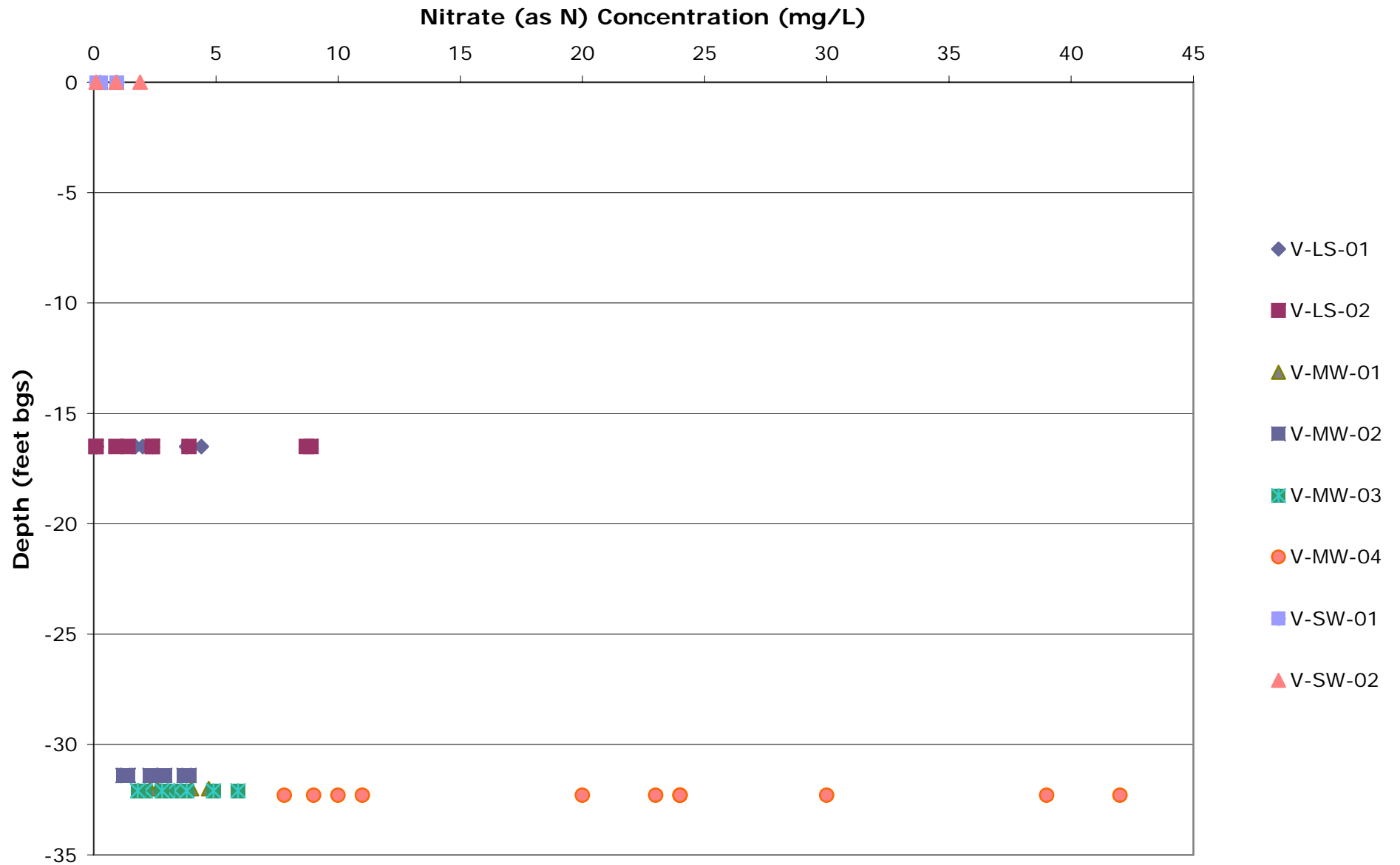
Total Zinc Concentration ($\mu\text{g/L}$)



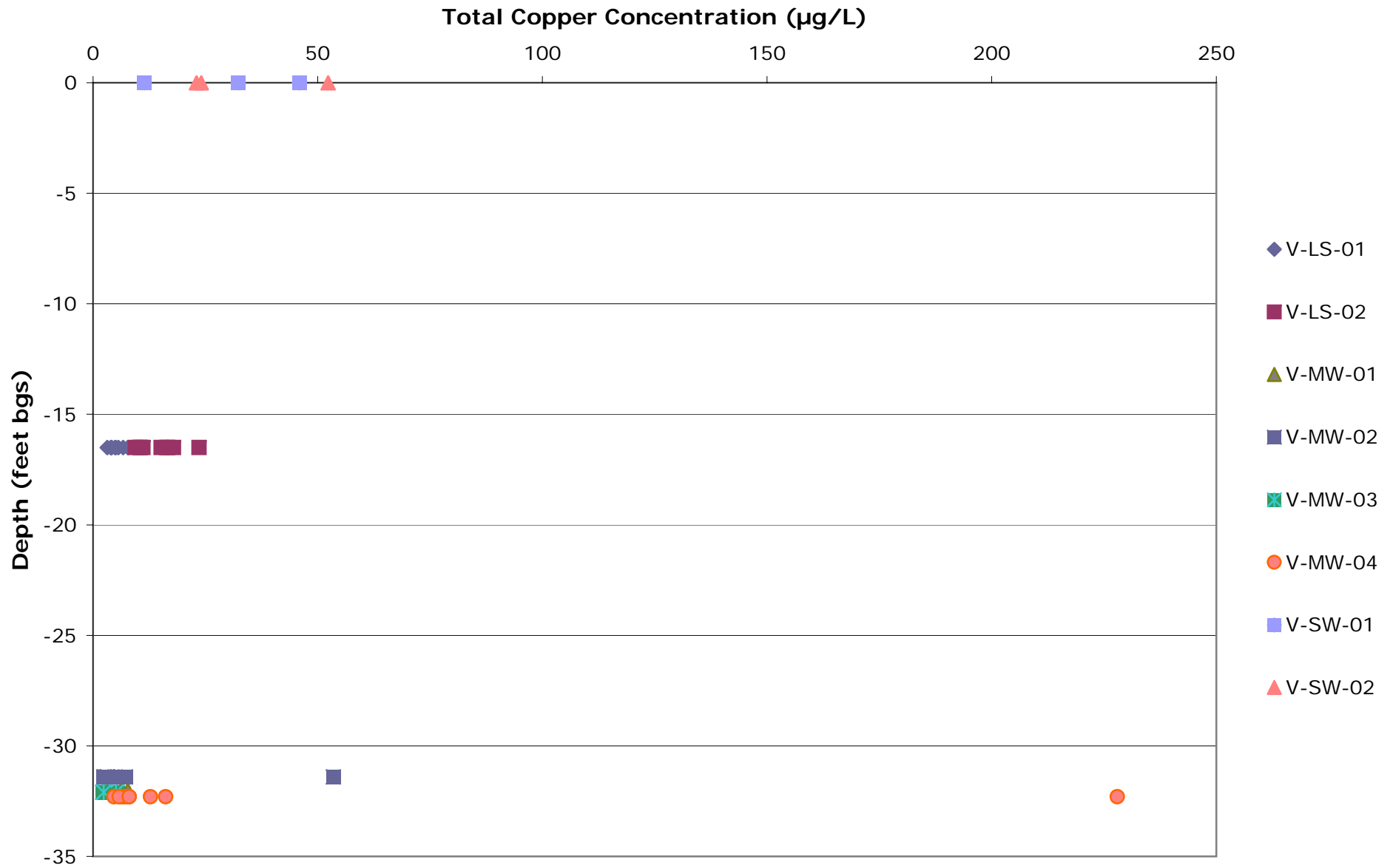
Veterans Park



Veterans Park

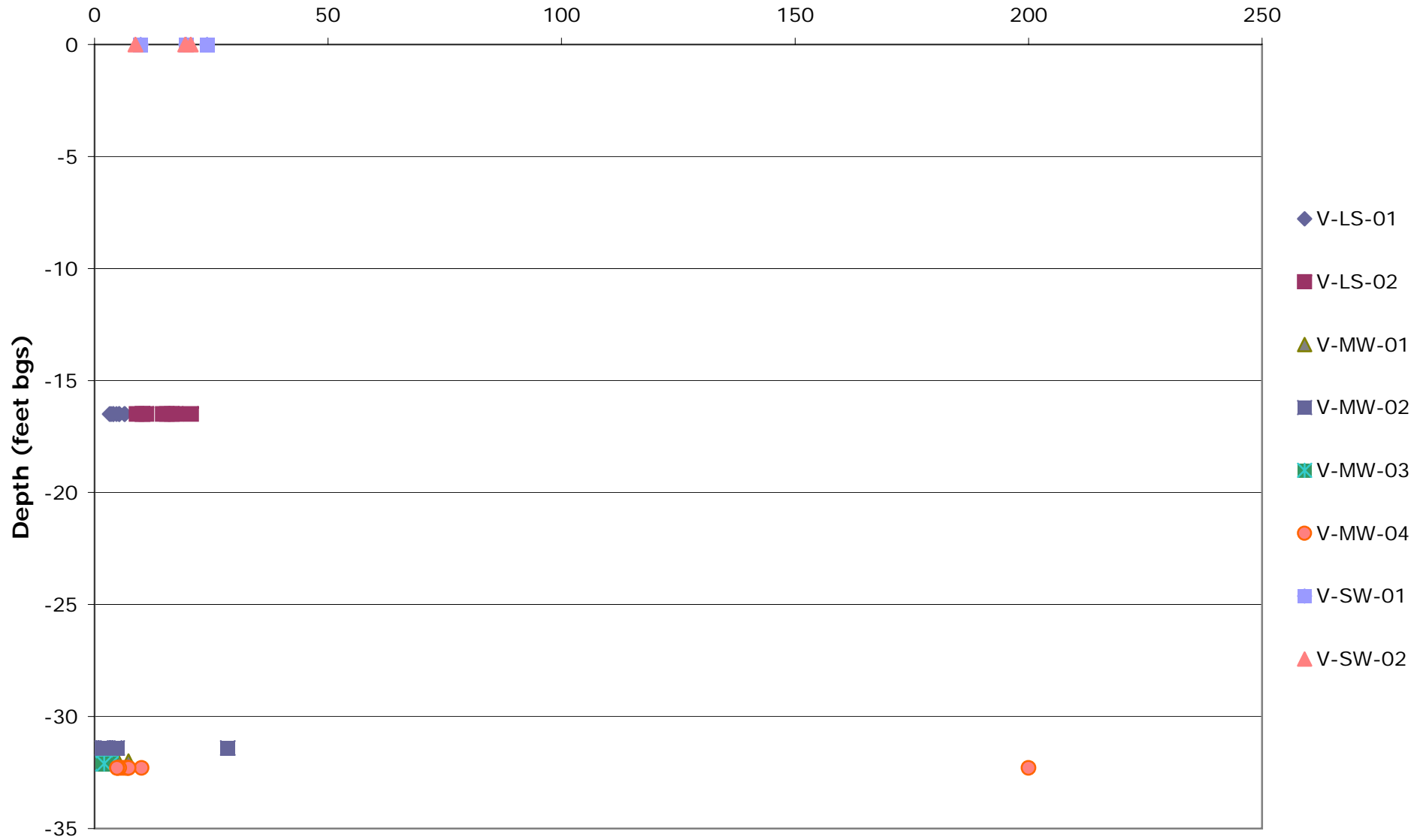


Veterans Park

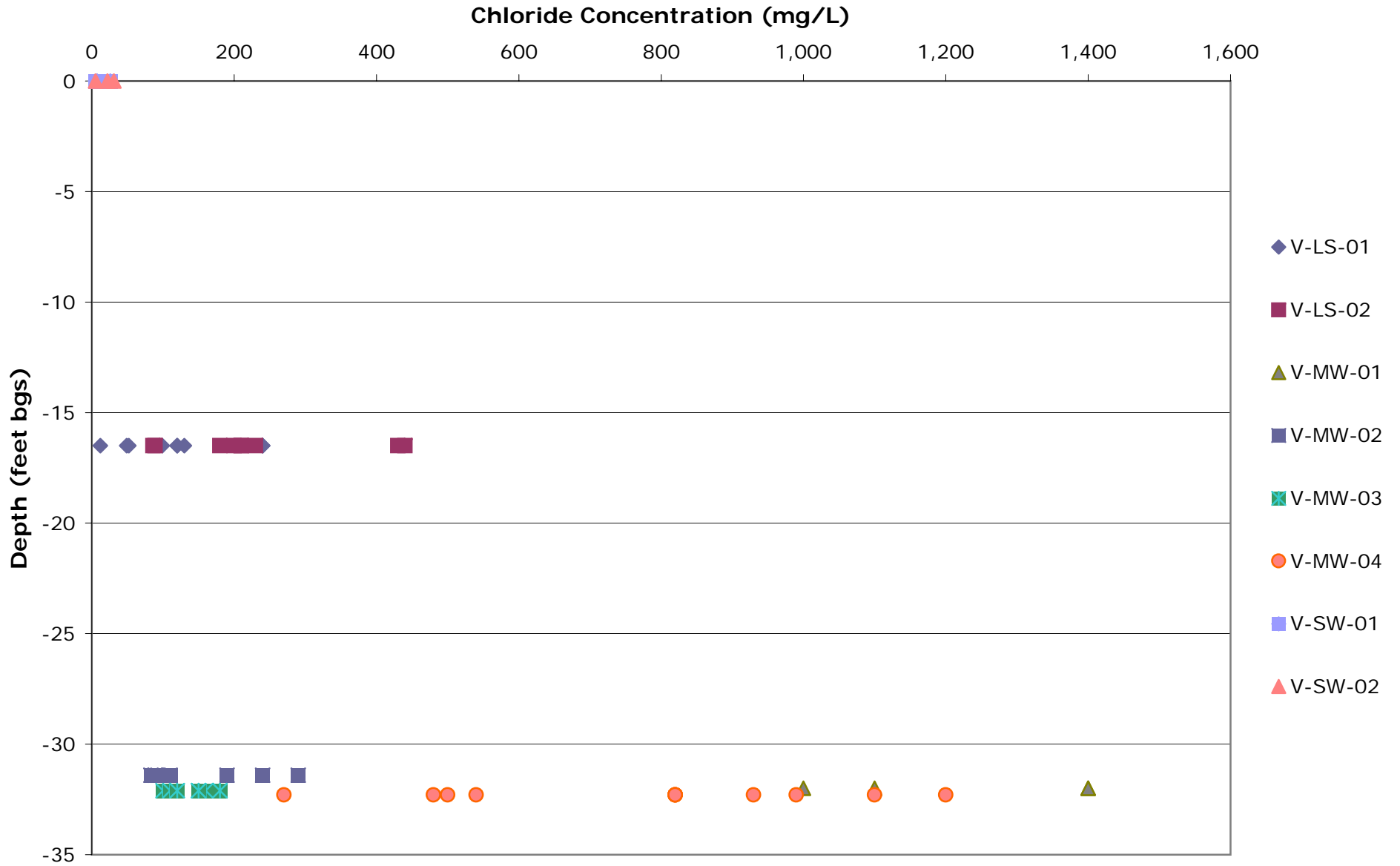


Veterans Park

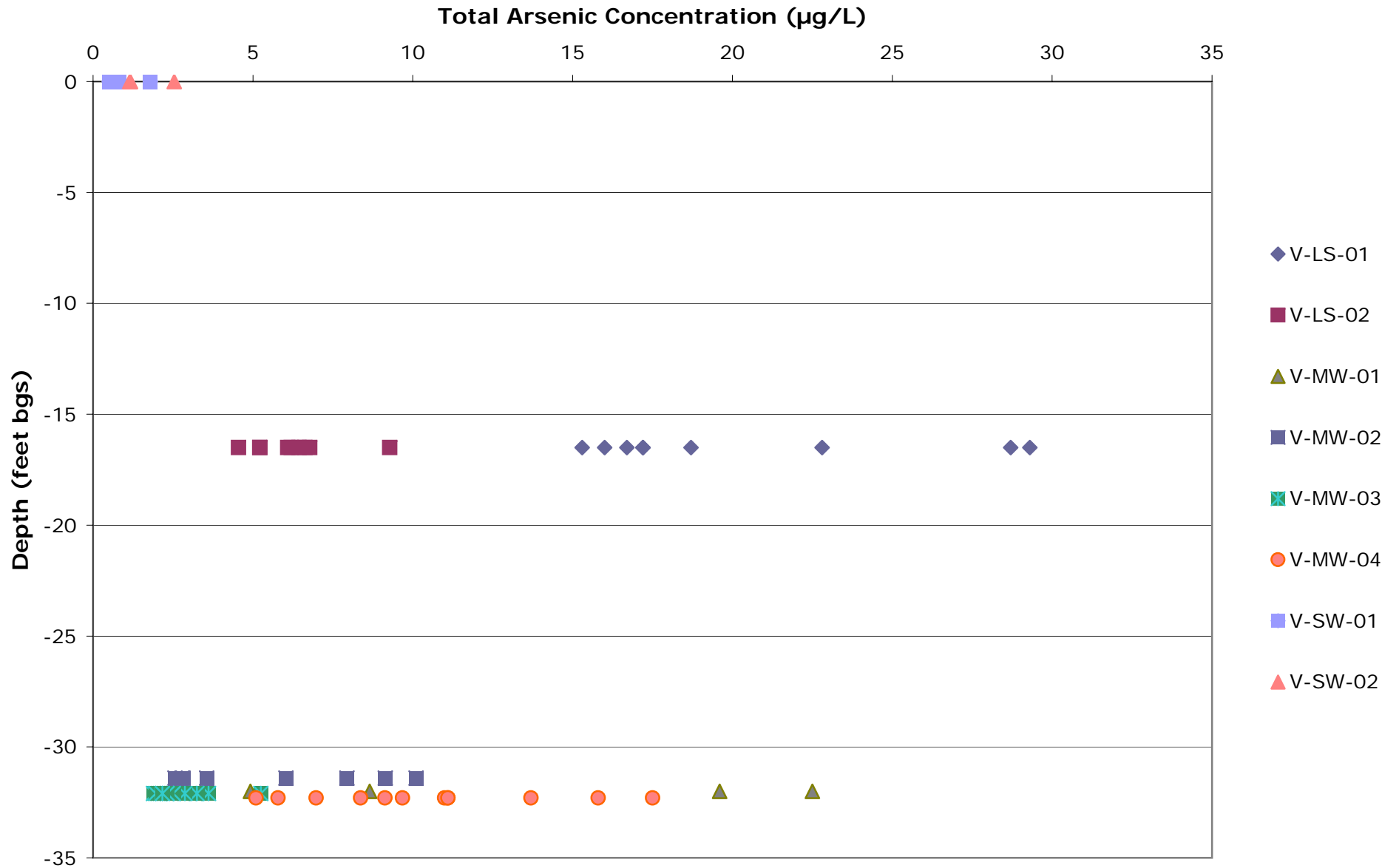
Dissolved Copper Concentration ($\mu\text{g/L}$)



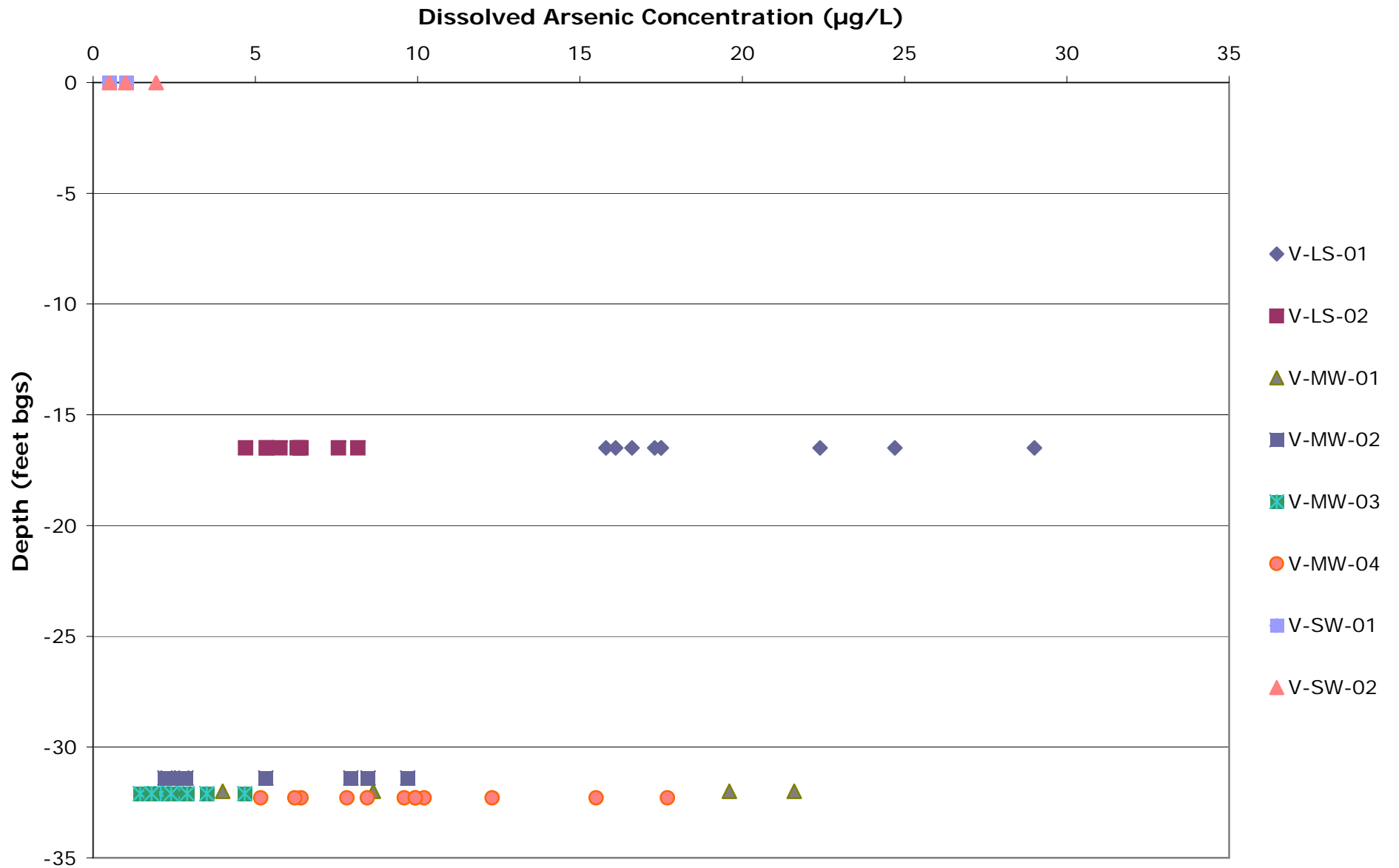
Veterans Park



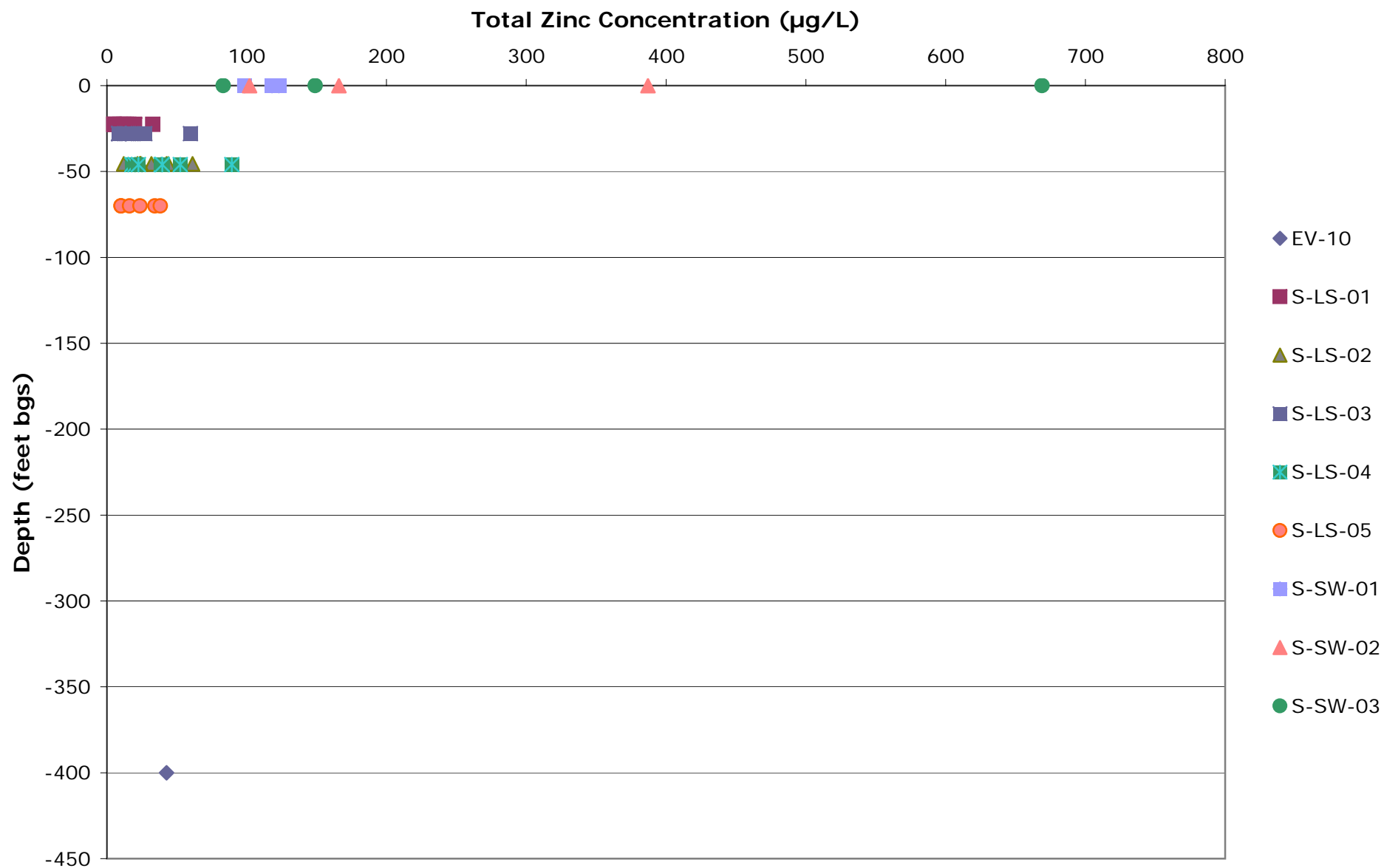
Veterans Park



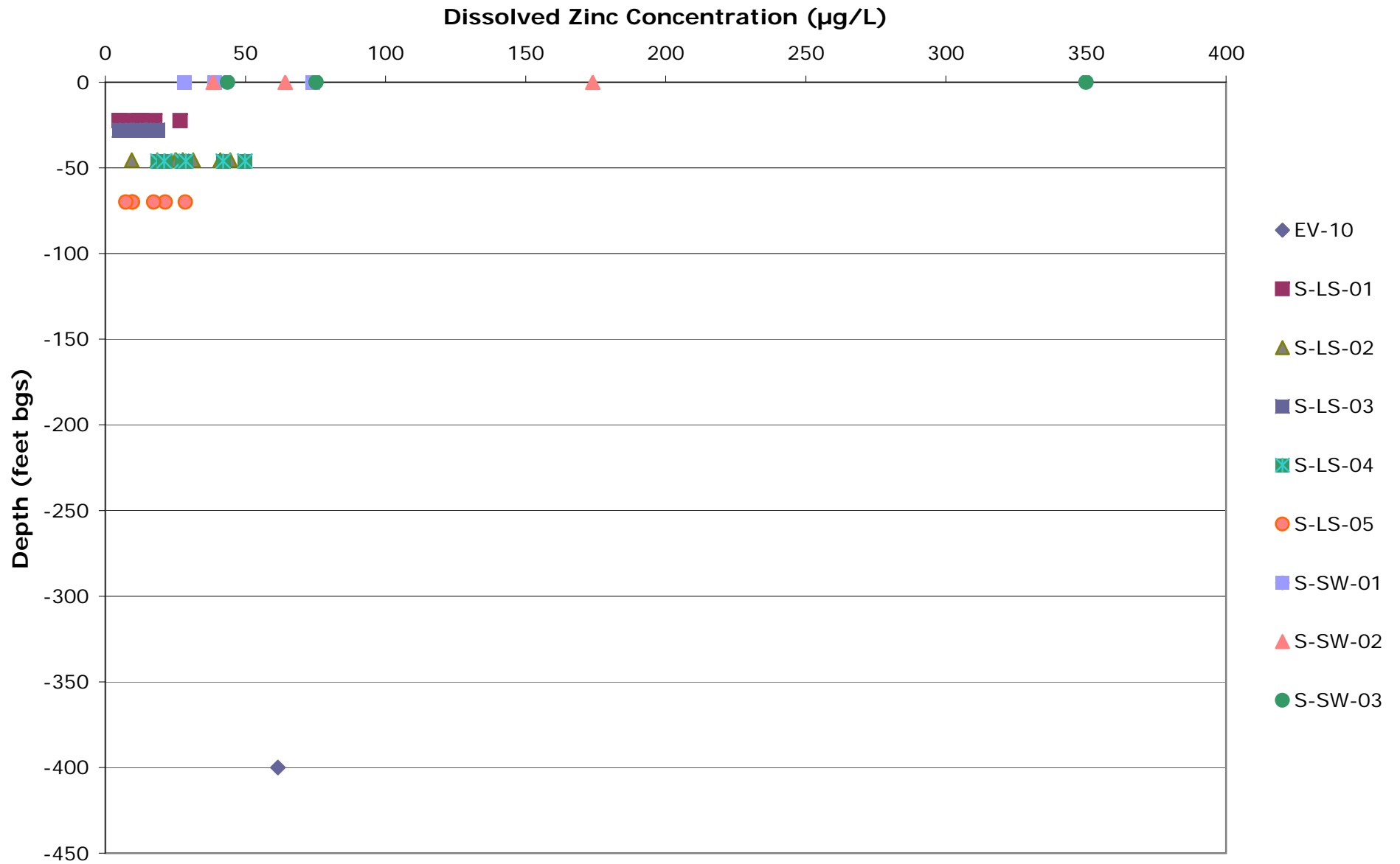
Veterans Park



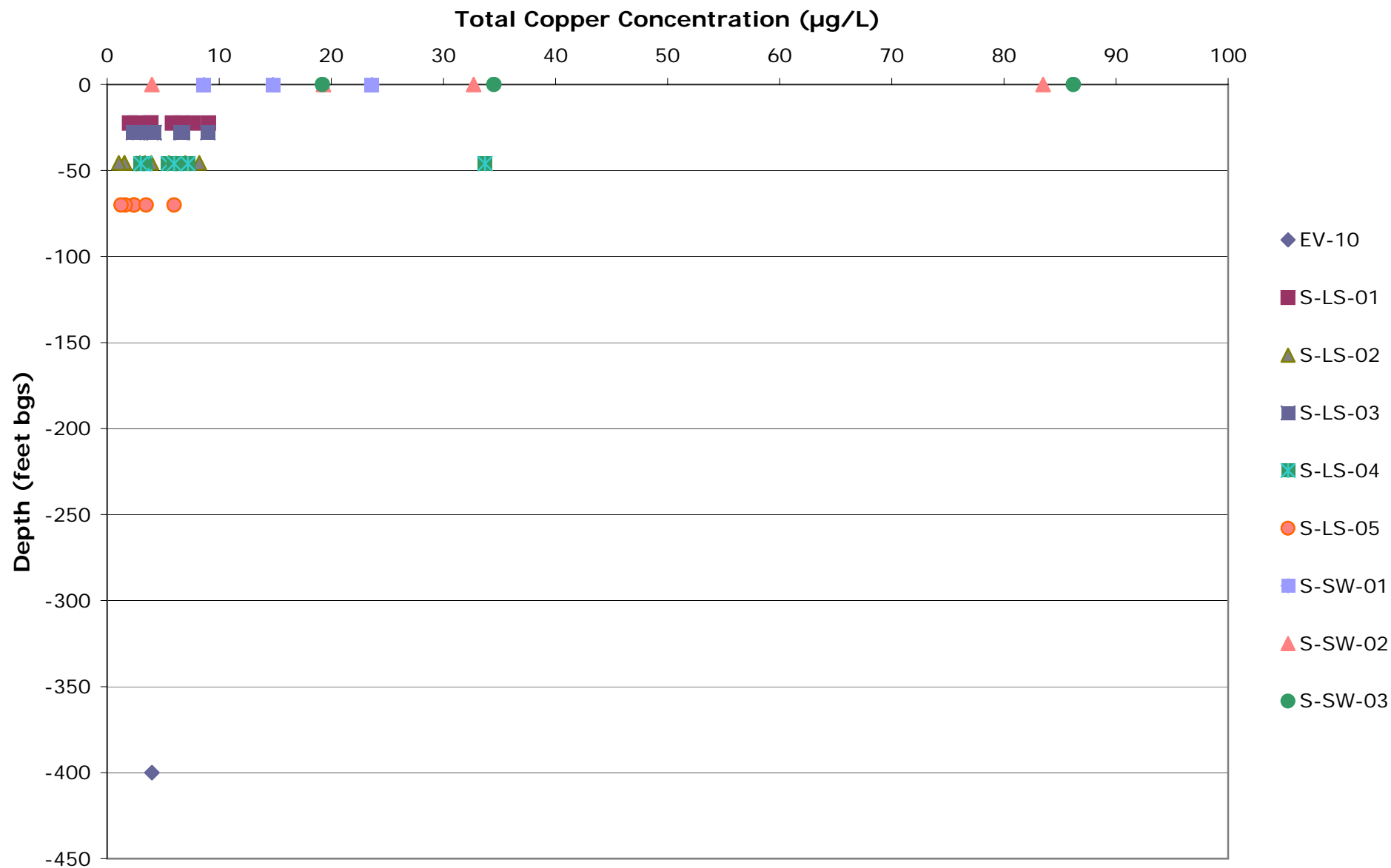
Sun Valley



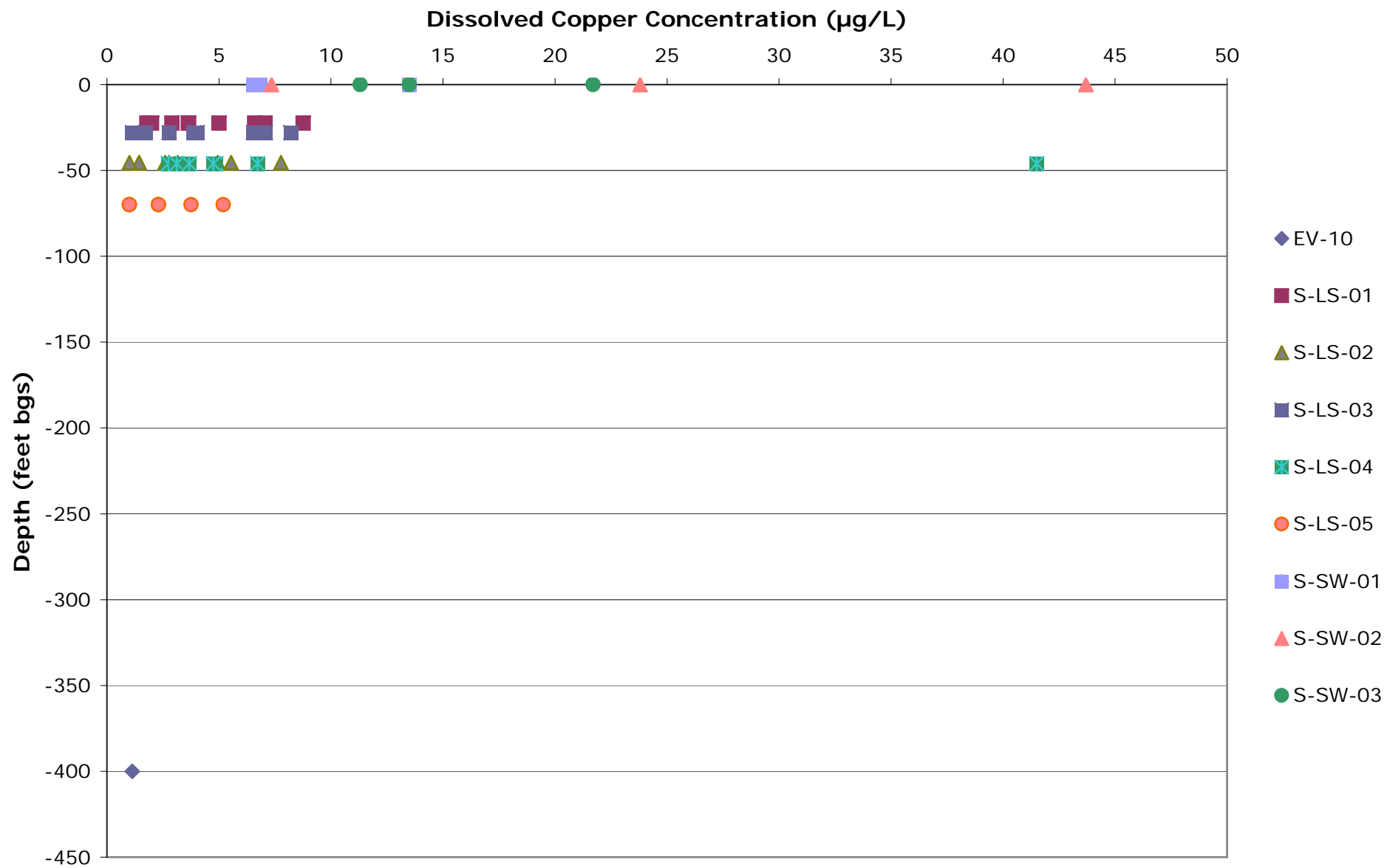
Sun Valley



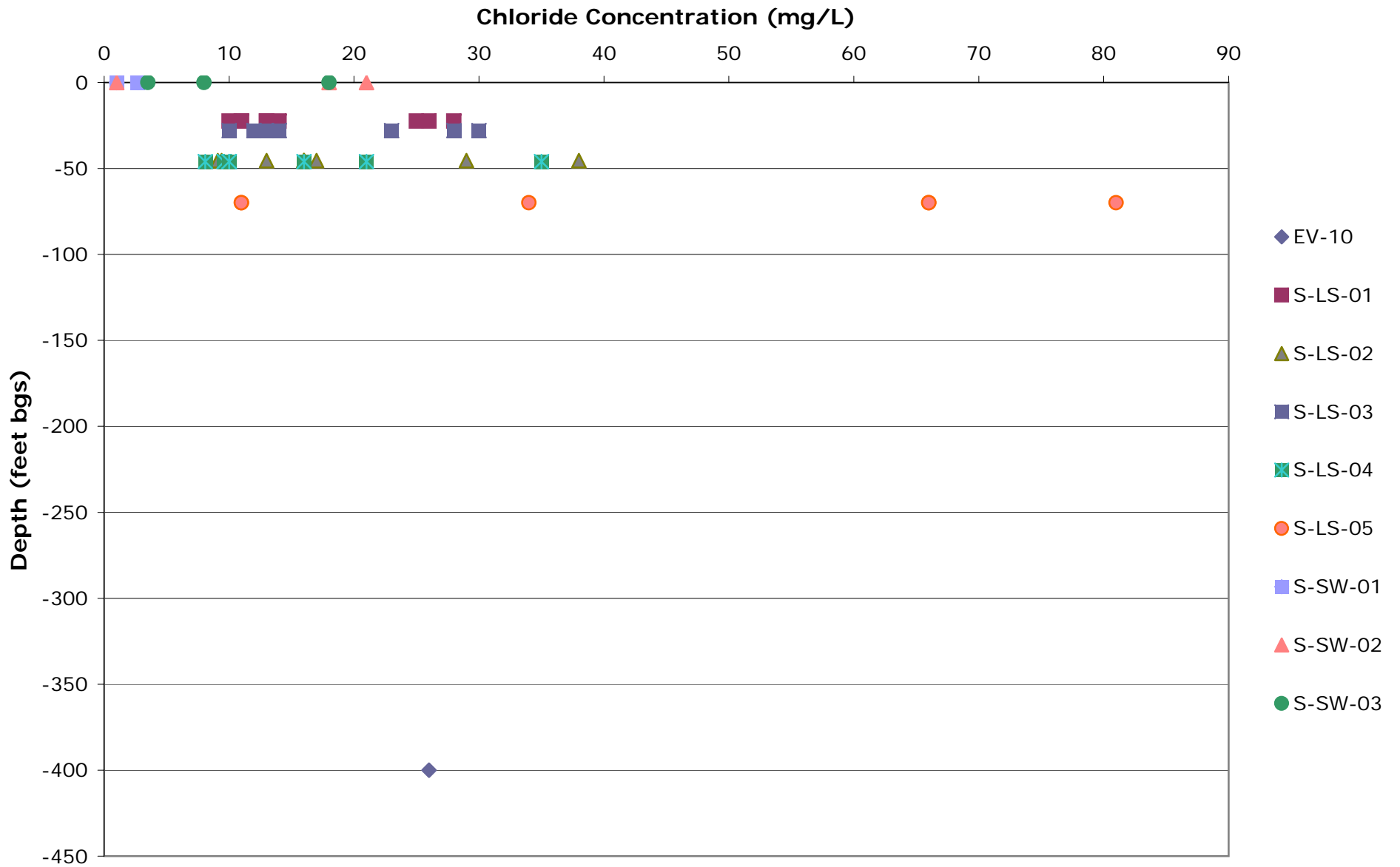
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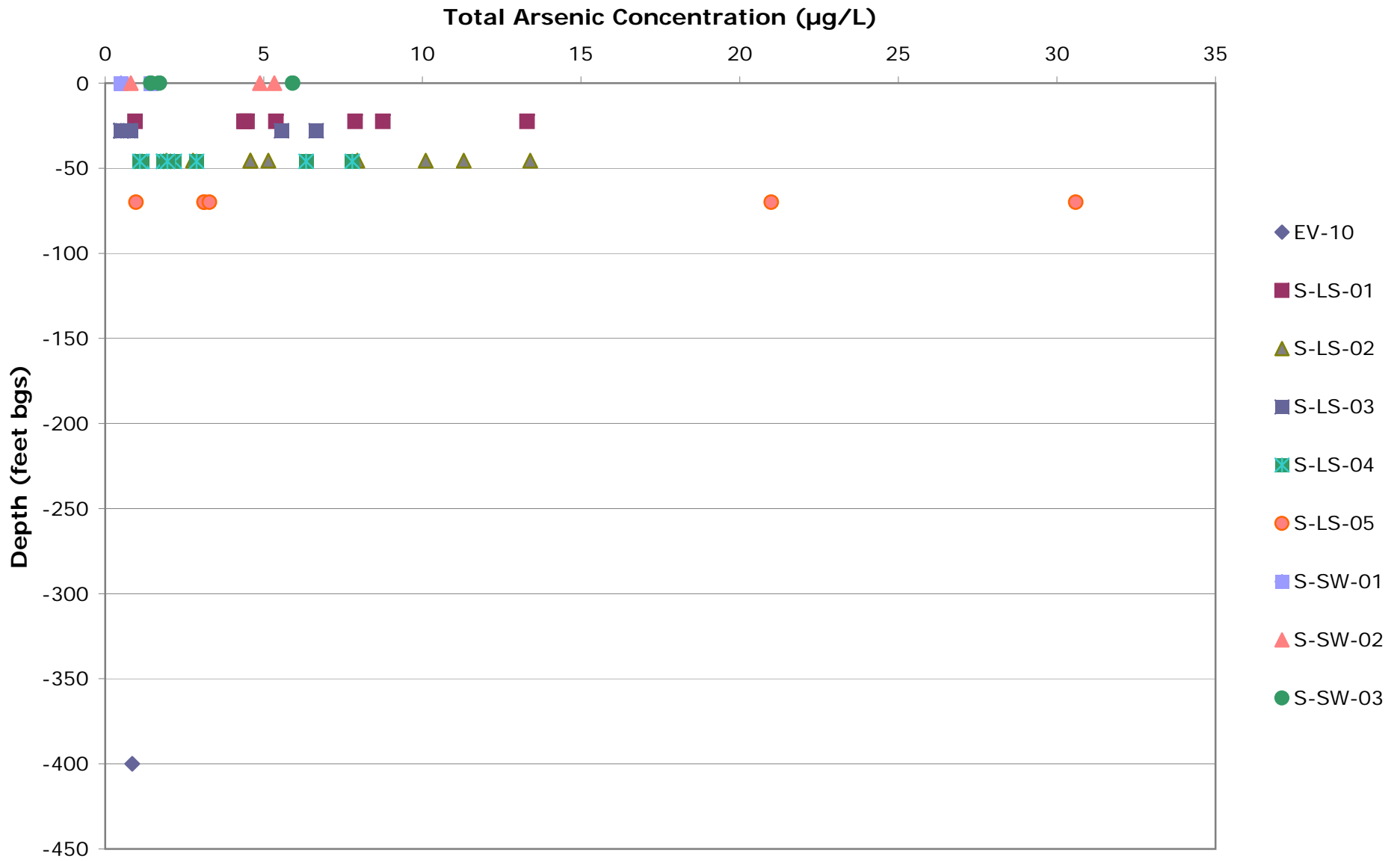
Sun Valley



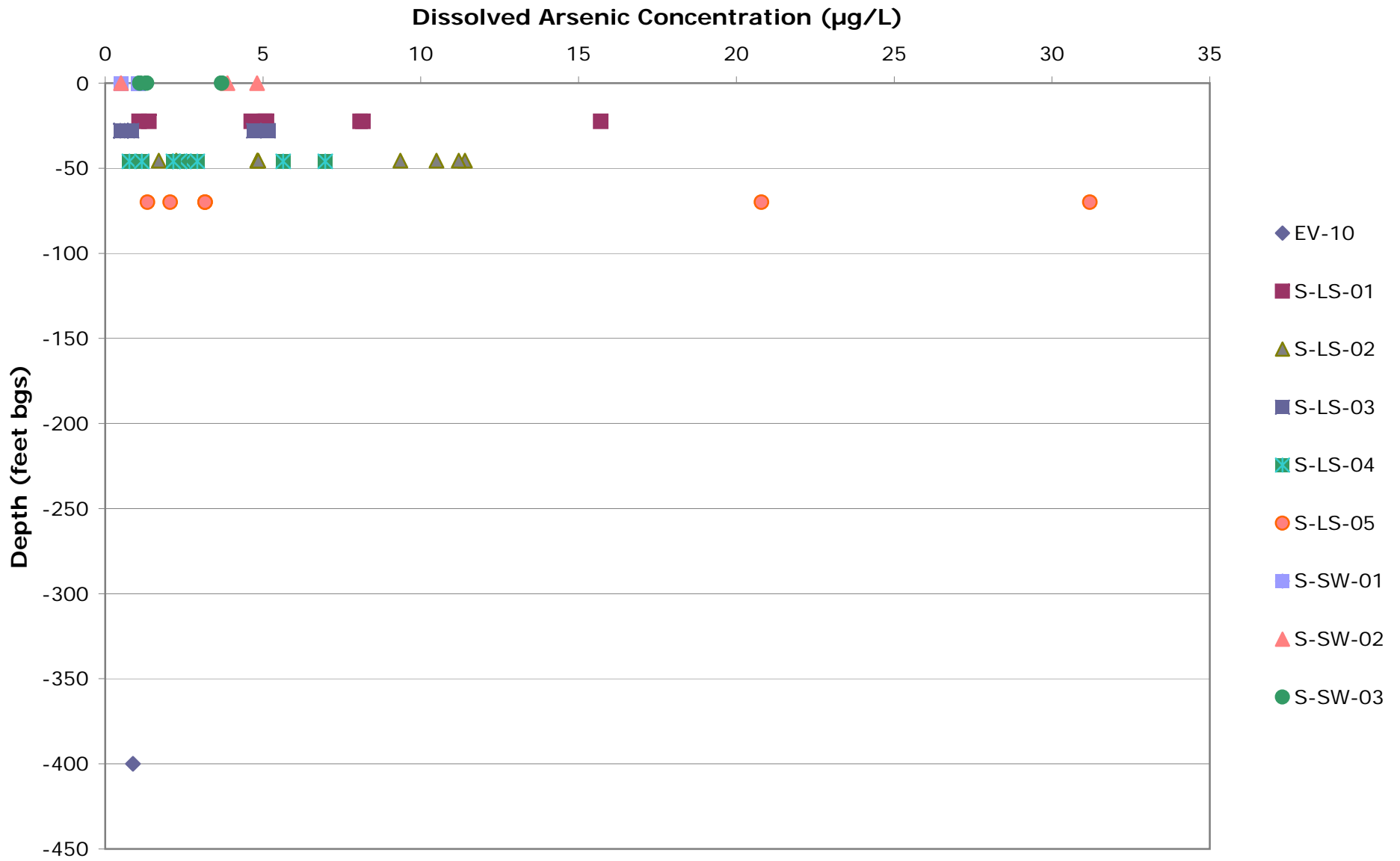
Sun Valley



Sun Valley

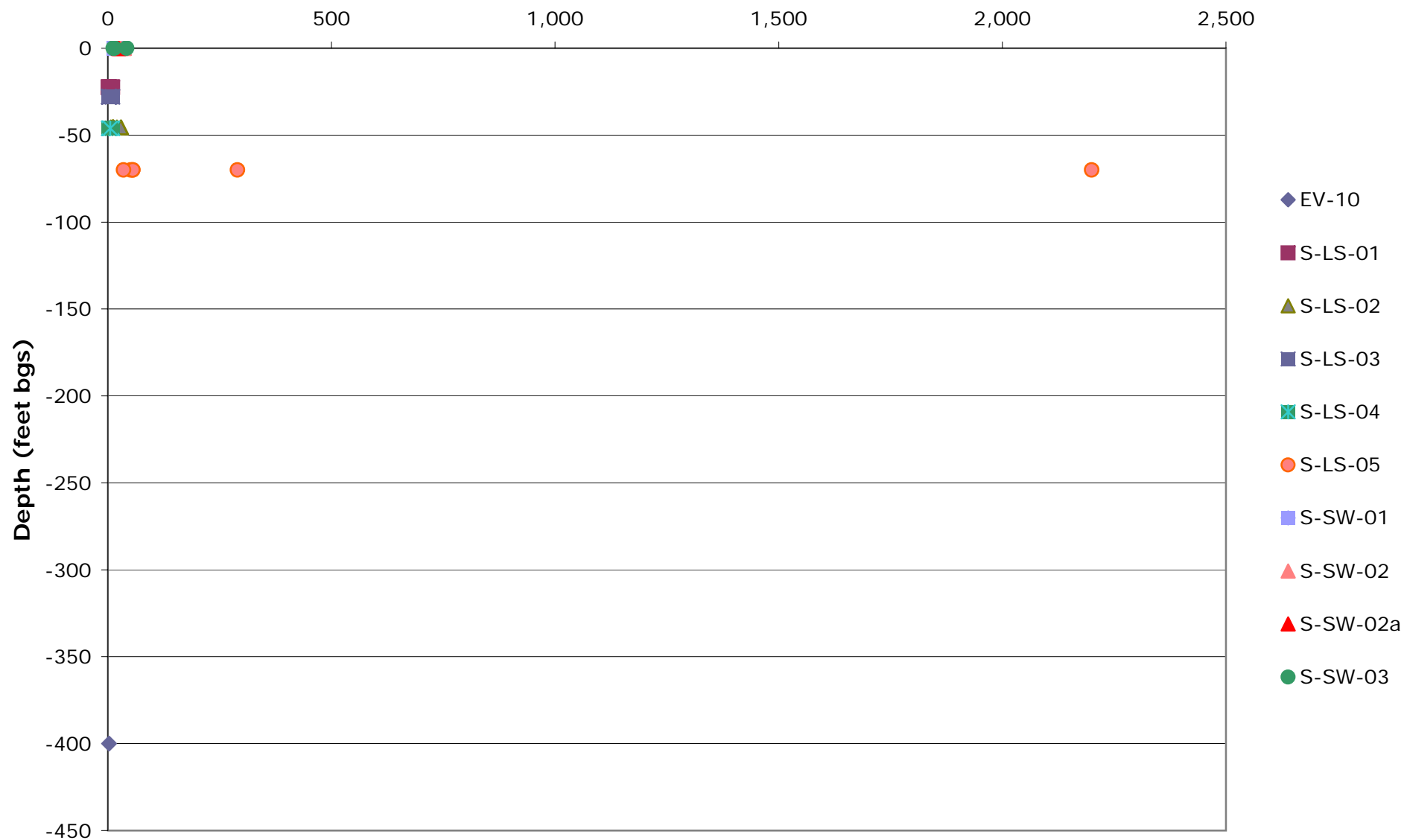


Sun Valley

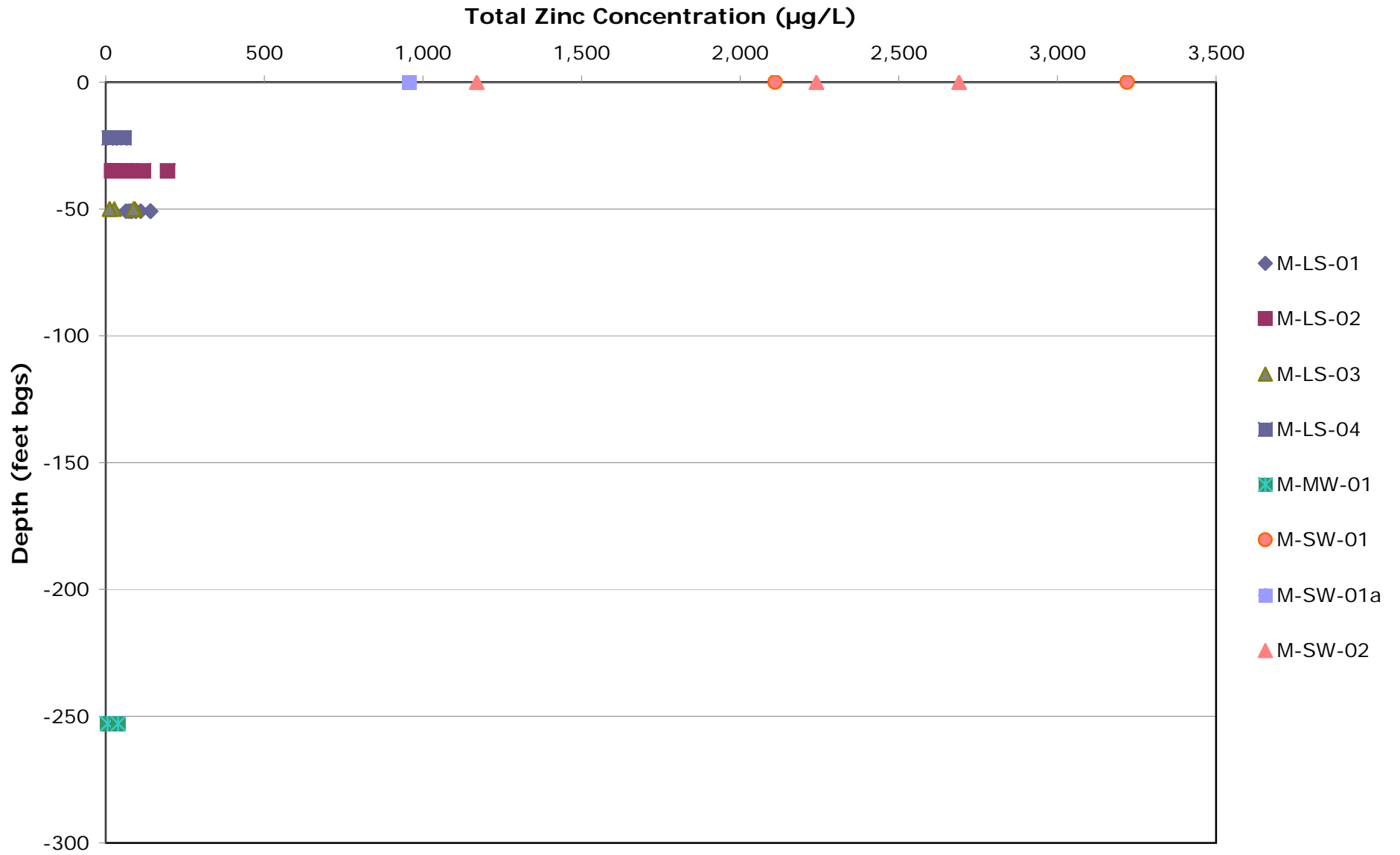


Sun Valley

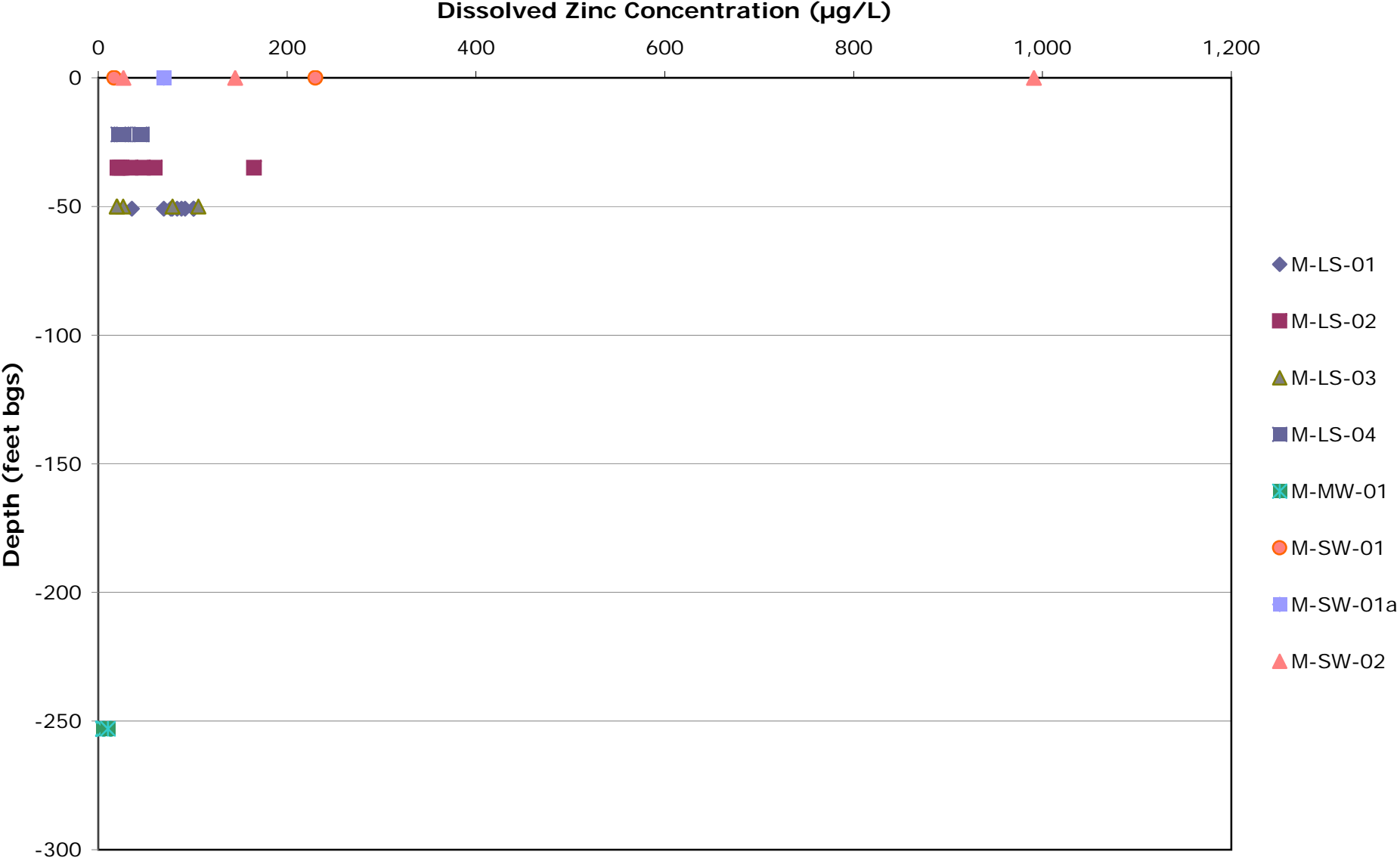
Acetone Concentration ($\mu\text{g/L}$)



Mid City

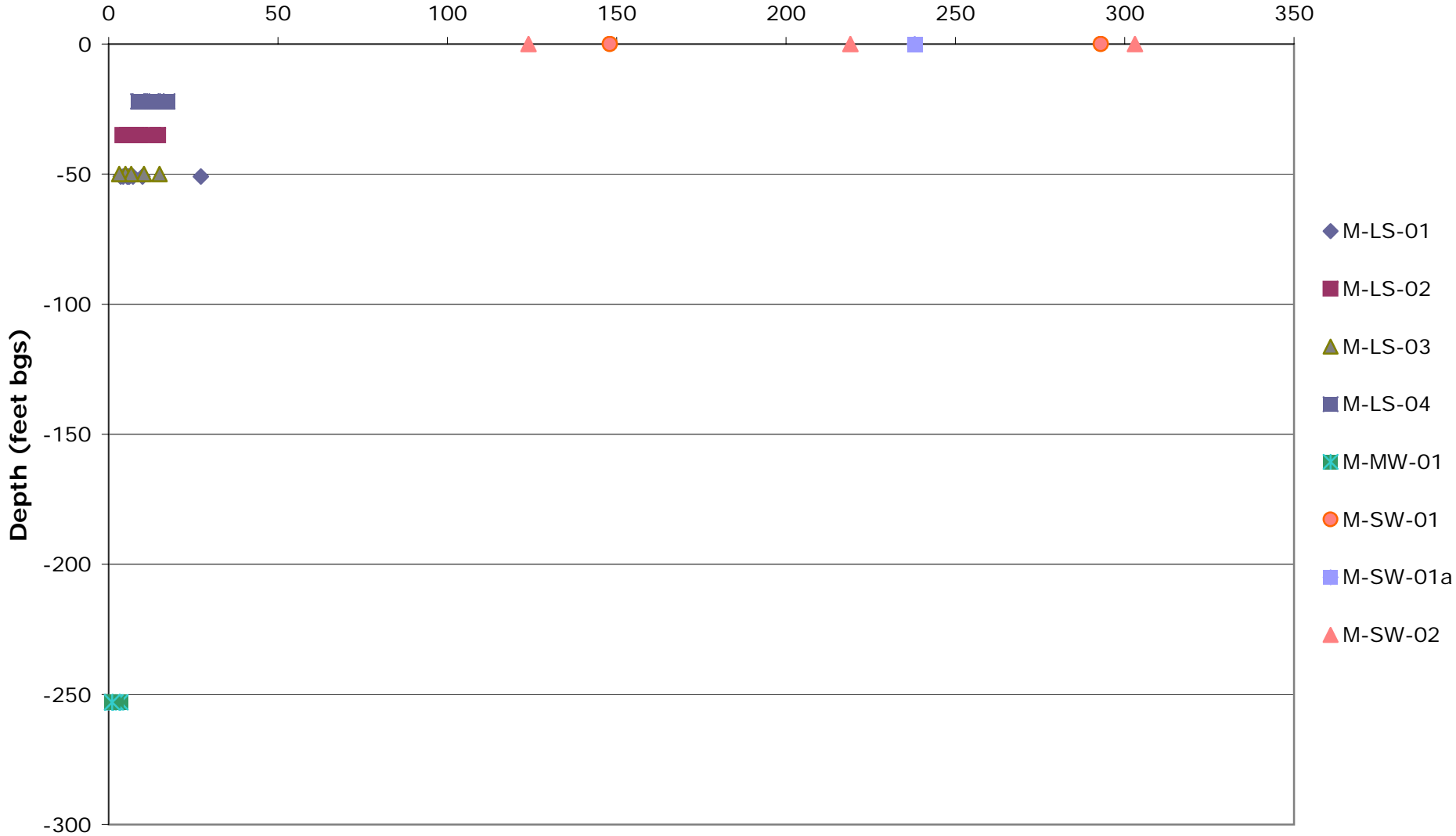


Mid City



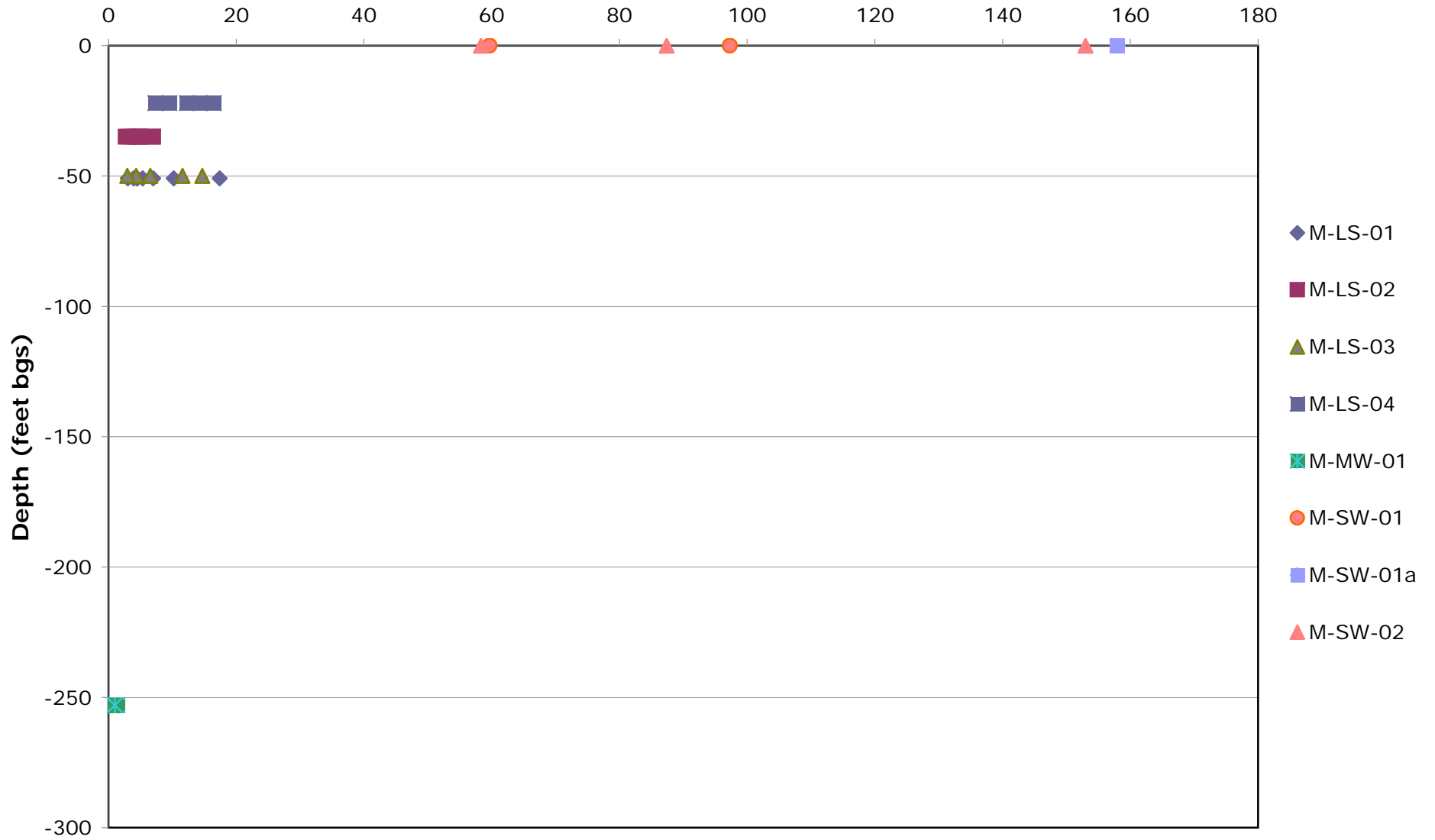
Mid City

Total Copper Concentration ($\mu\text{g/L}$)



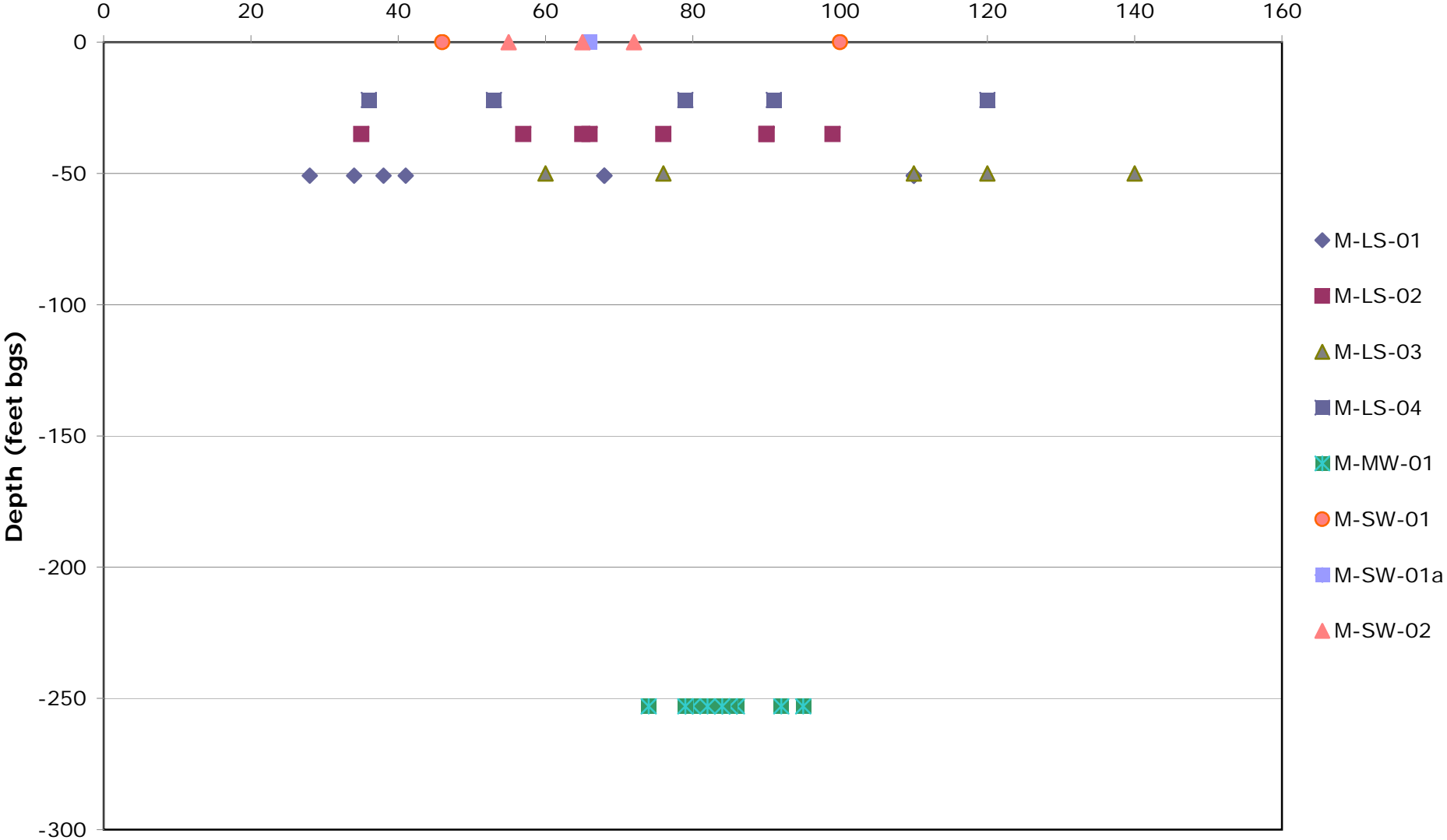
Mid City

Dissolved Copper Concentration ($\mu\text{g/L}$)



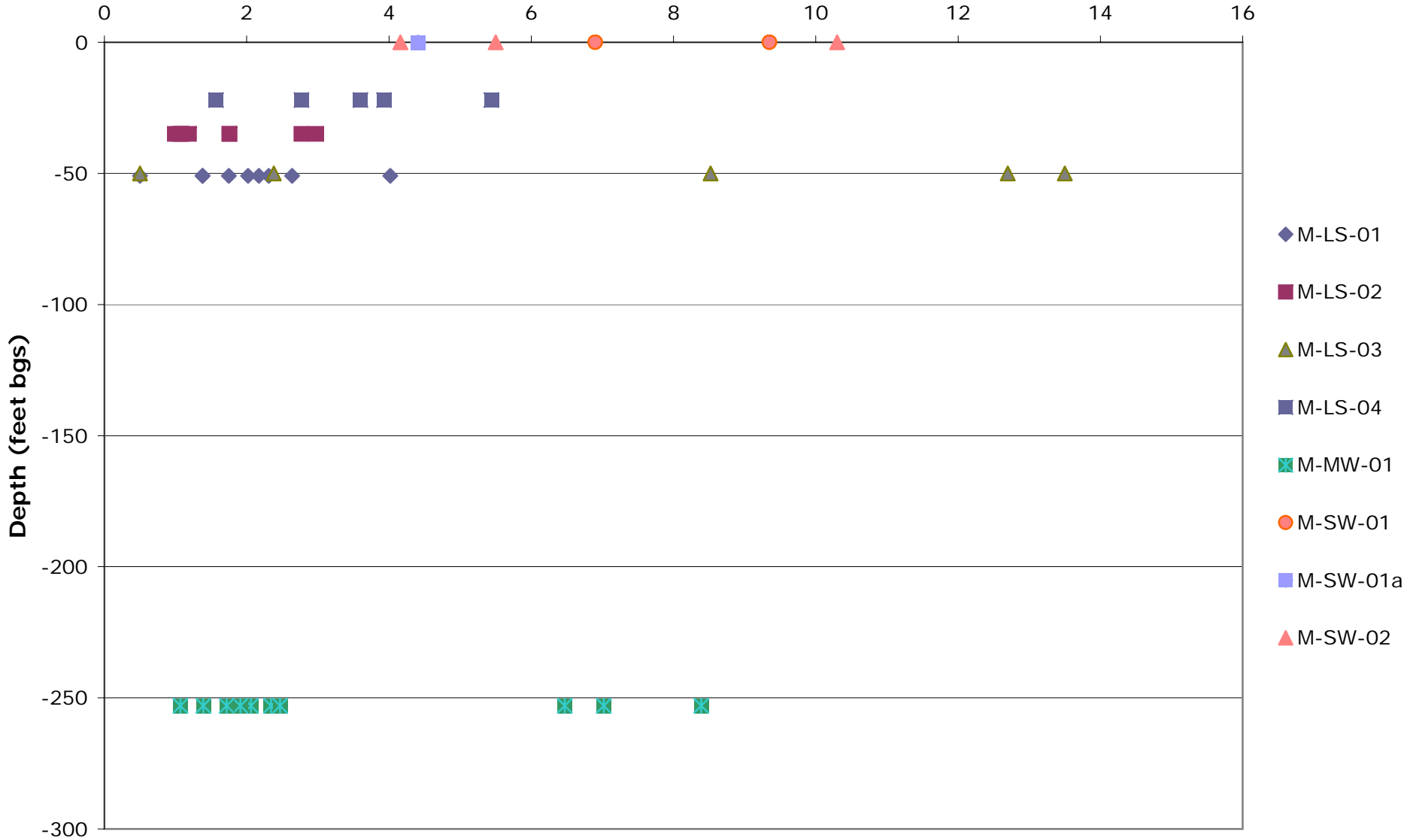
Mid City

Chloride Concentration (mg/L)

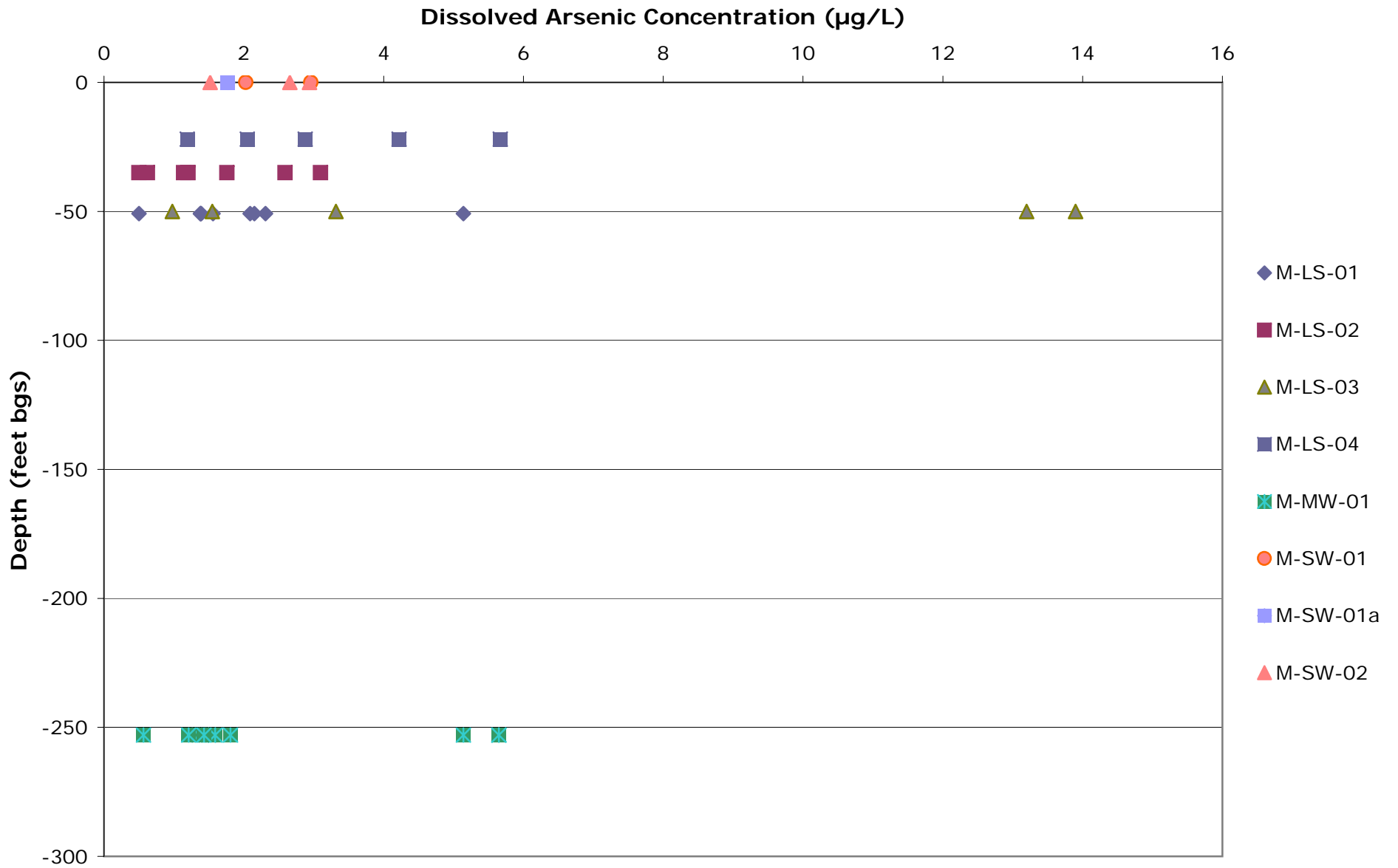


Mid City

Total Arsenic Concentration ($\mu\text{g/L}$)

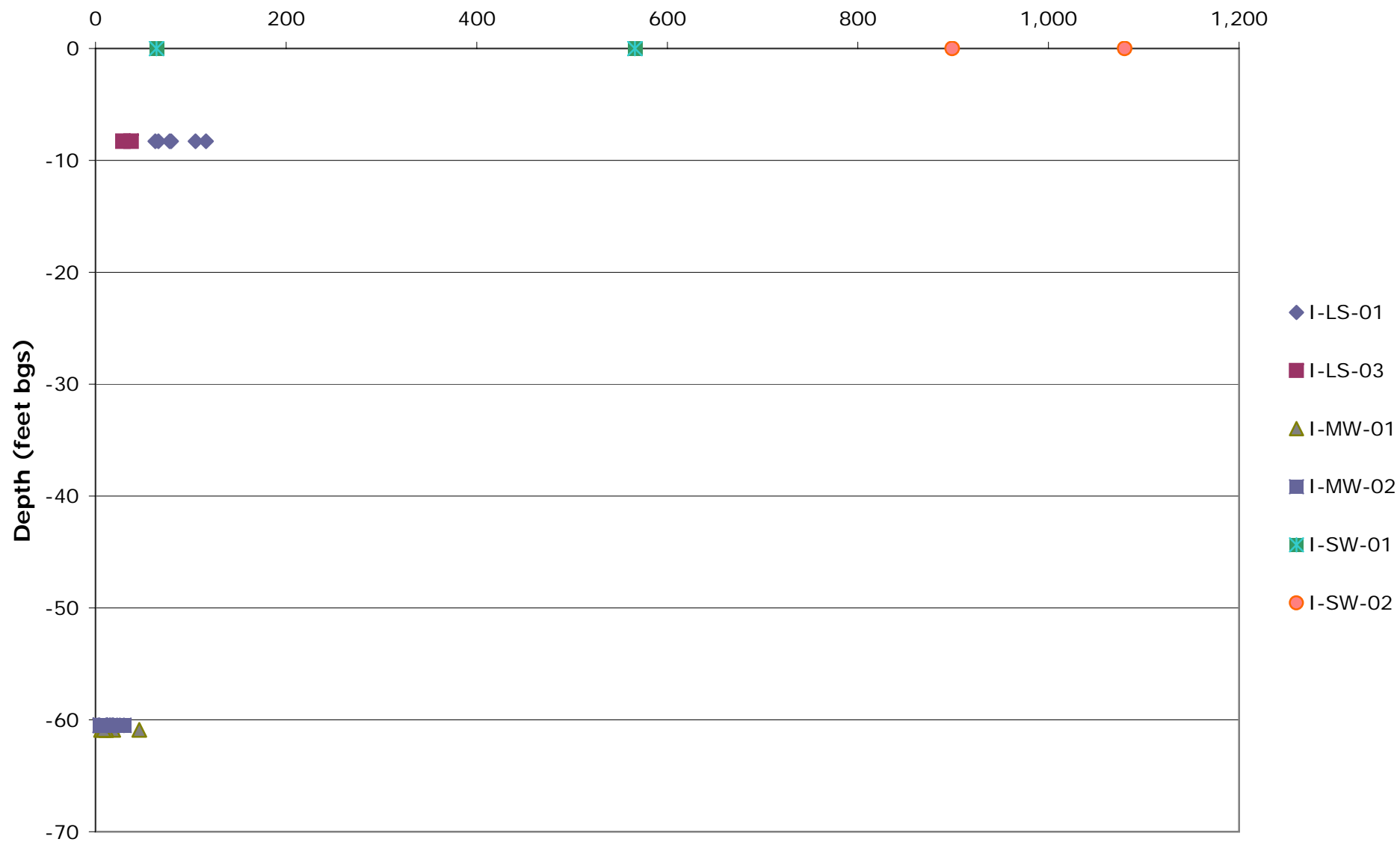


Mid City



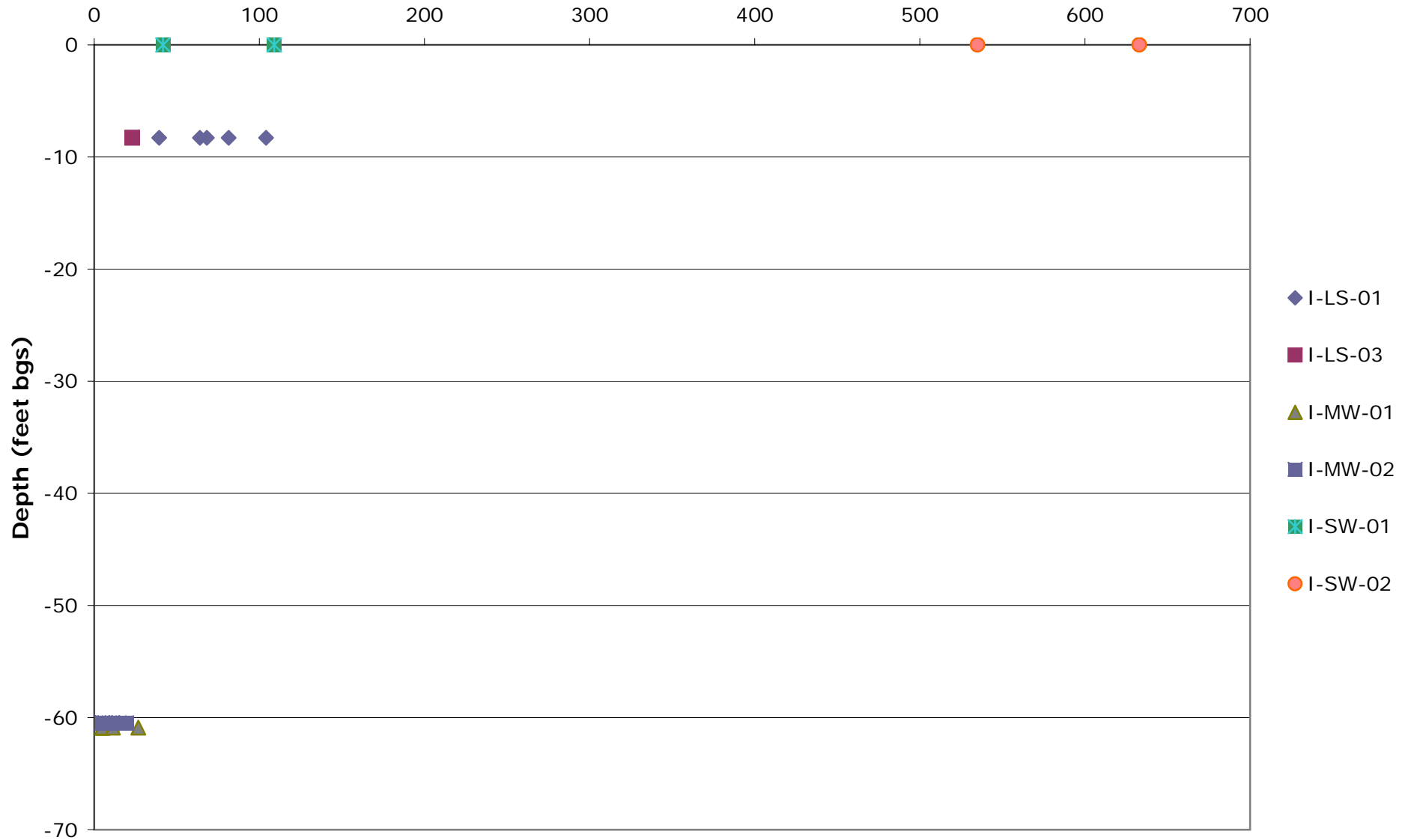
IMAX

Total Zinc Concentration ($\mu\text{g/L}$)

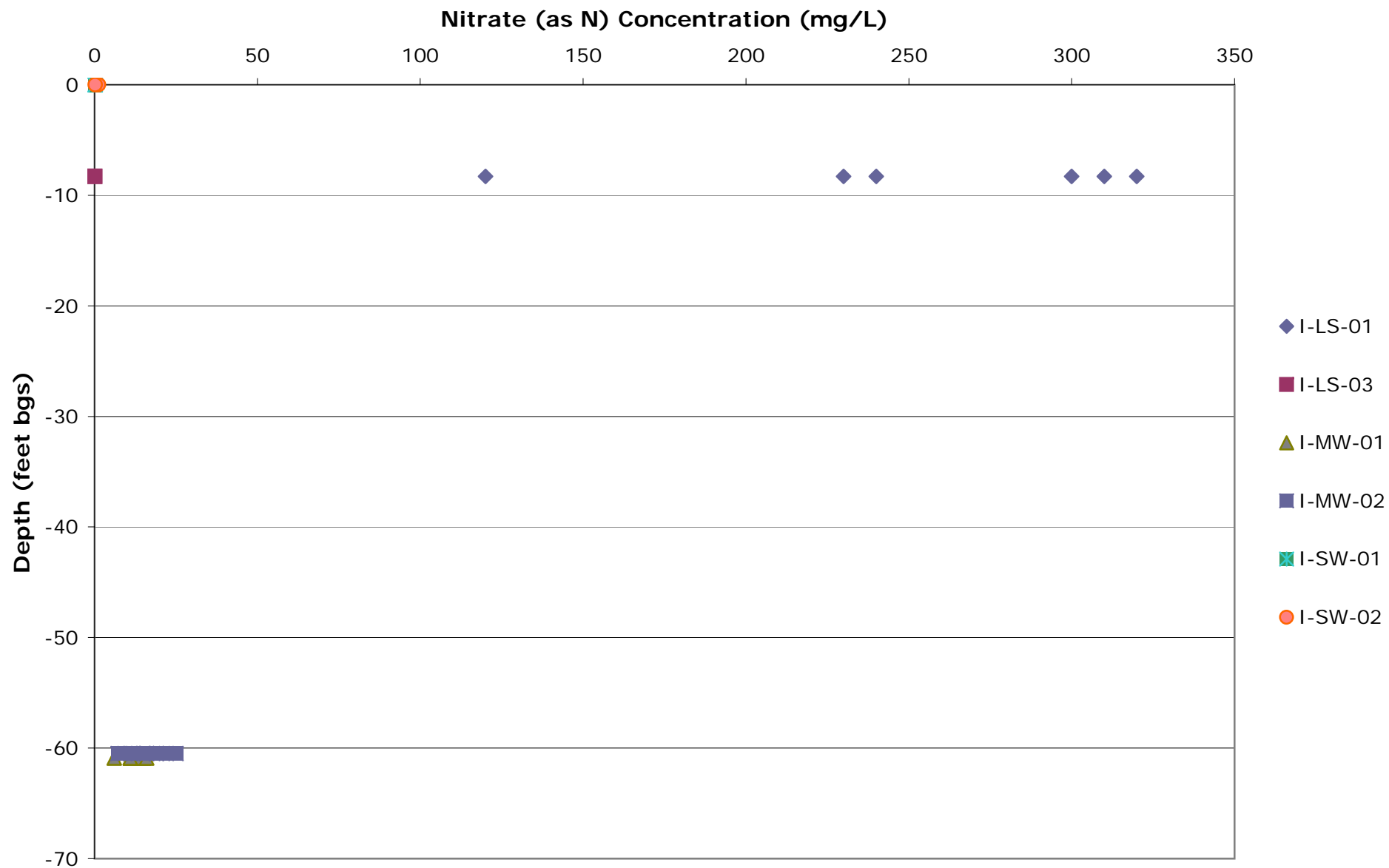


IMAX

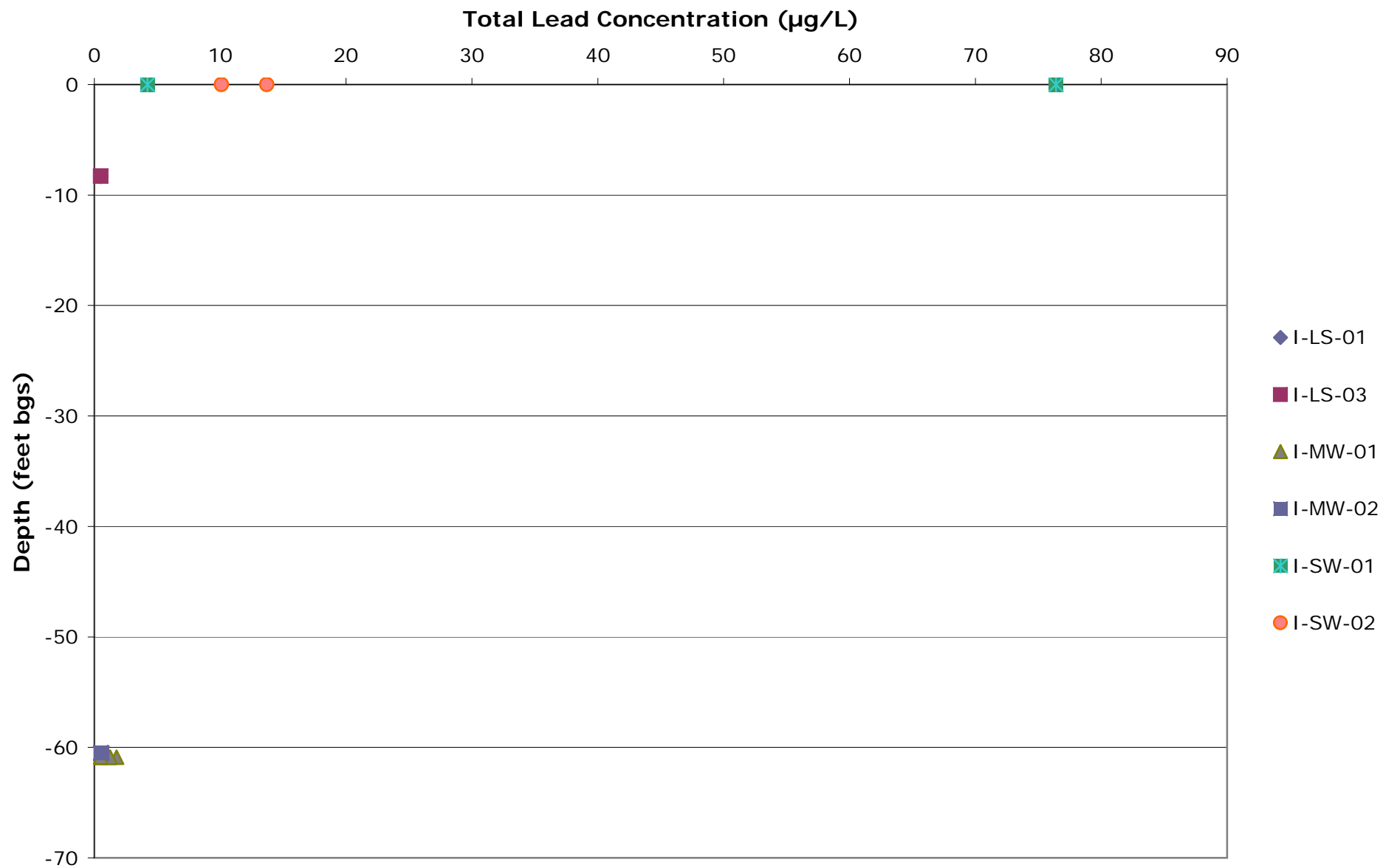
Dissolved Zinc Concentration ($\mu\text{g/L}$)



IMAX

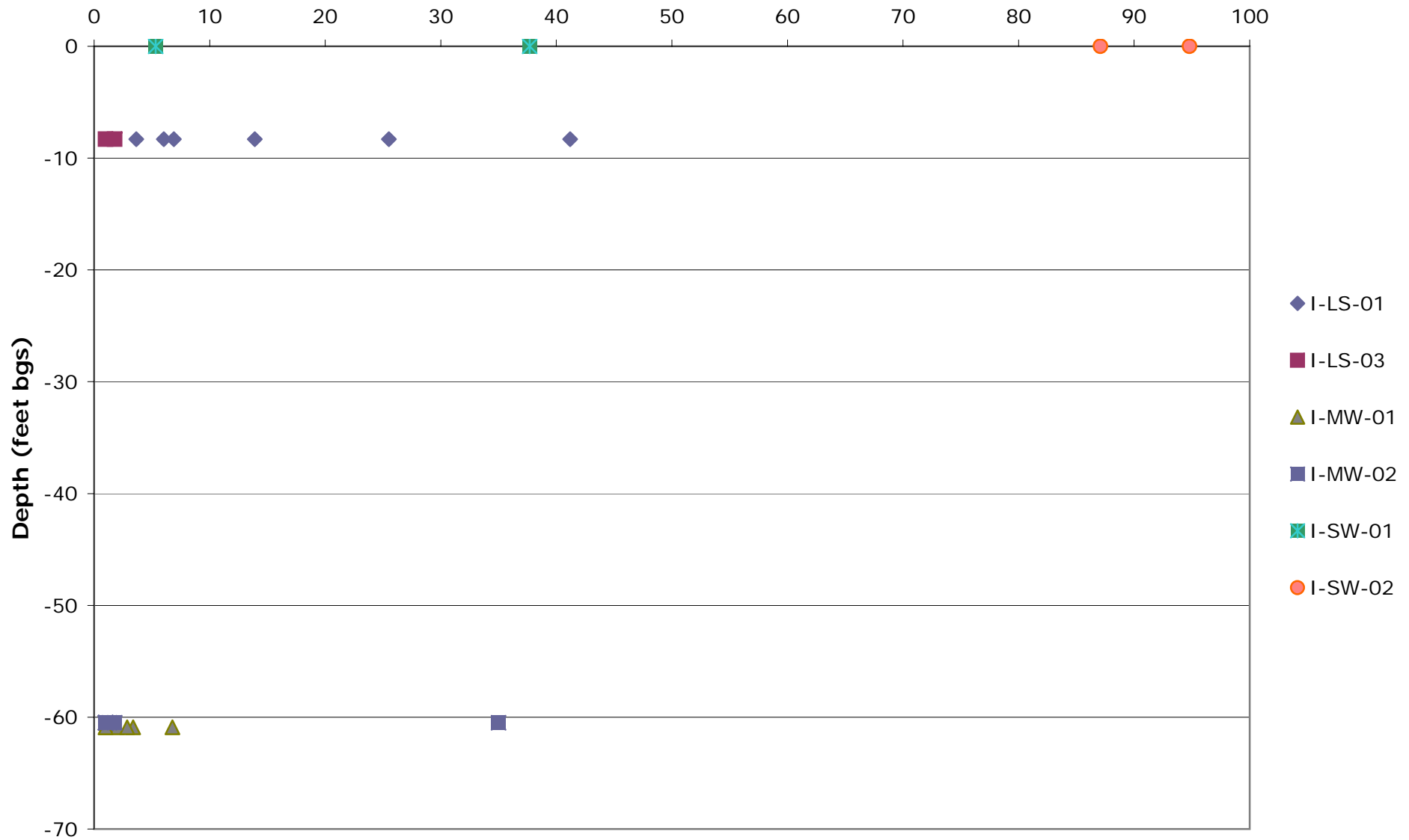


IMAX



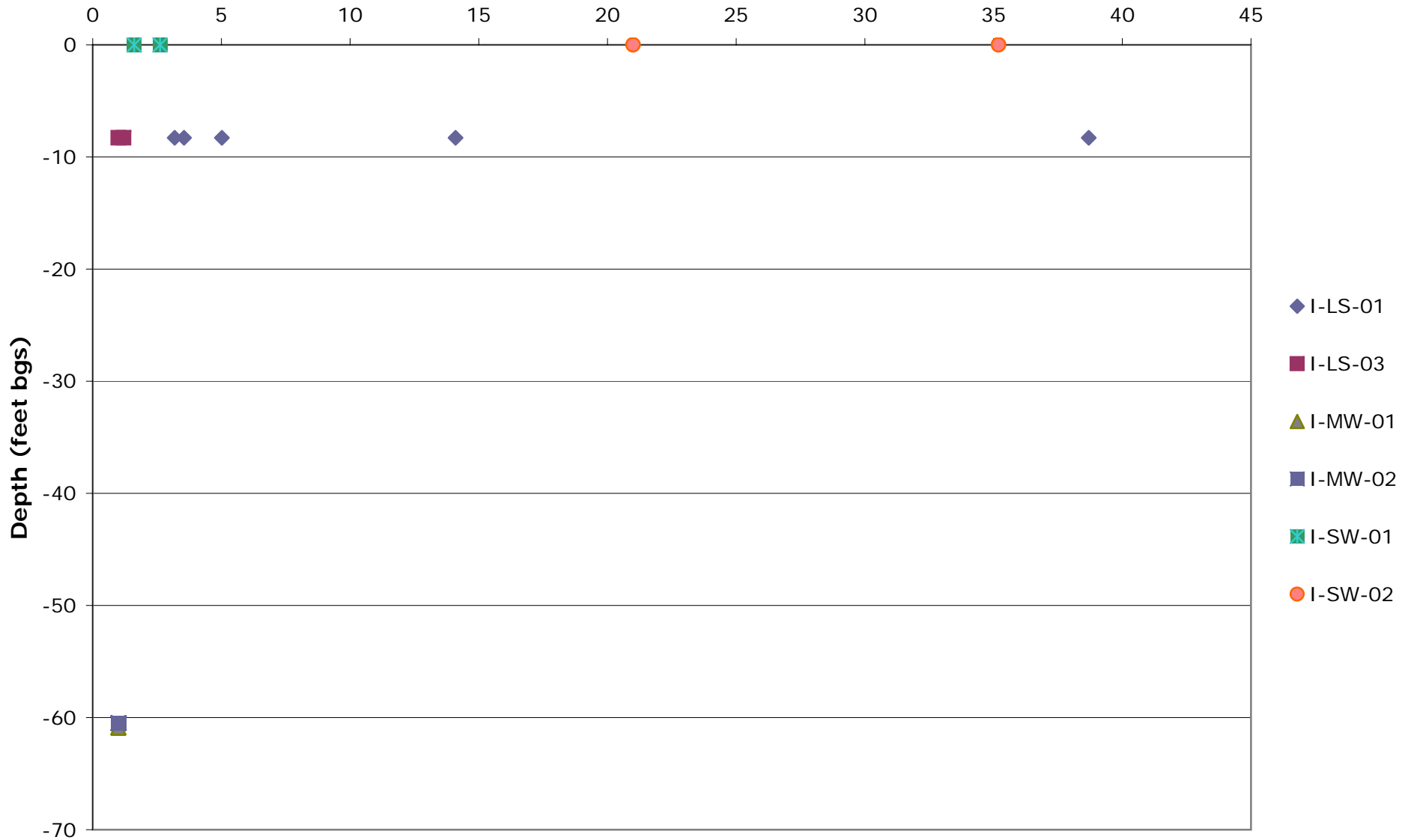
IMAX

Total Copper Concentration ($\mu\text{g/L}$)



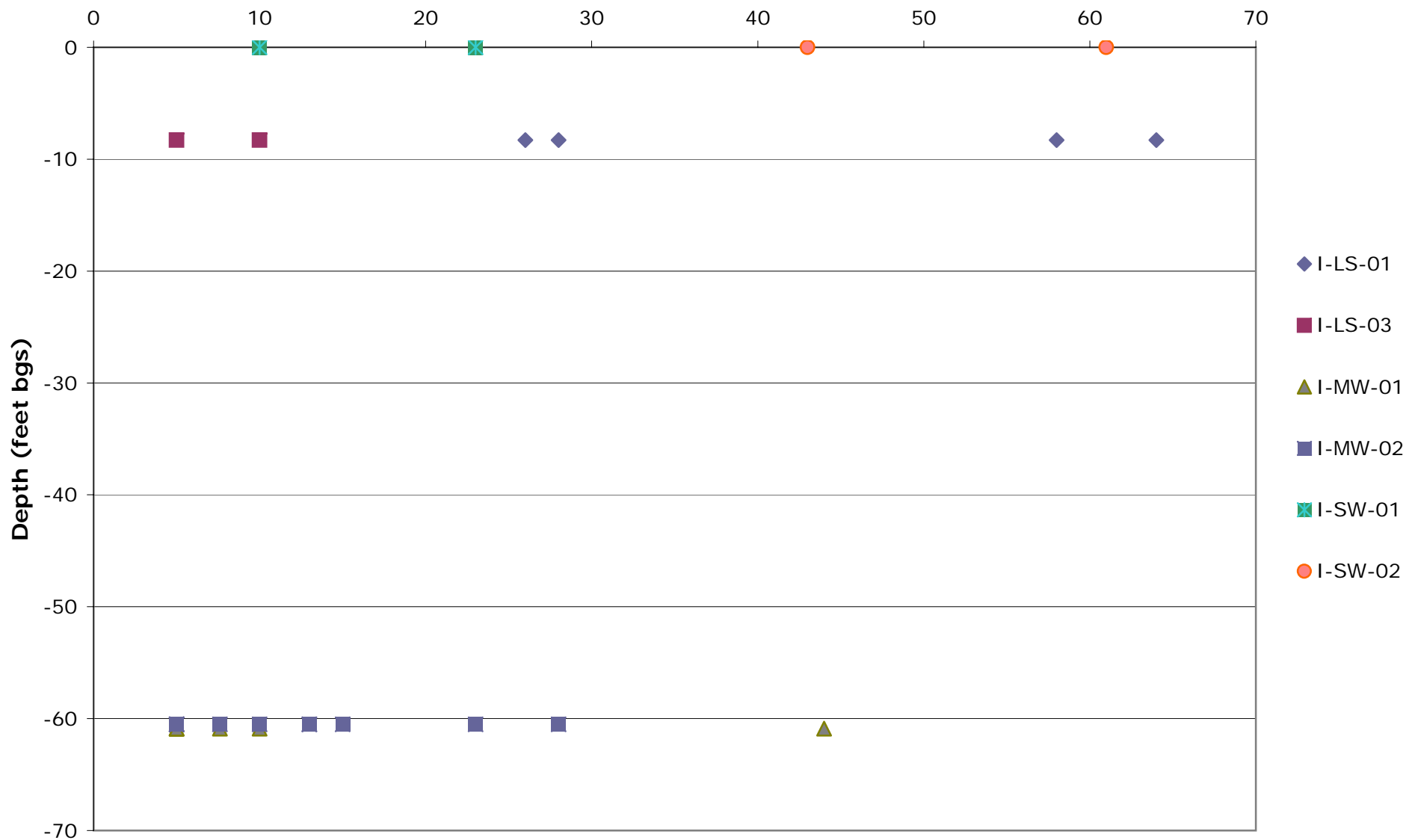
IMAX

Dissolved Copper Concentration ($\mu\text{g/L}$)

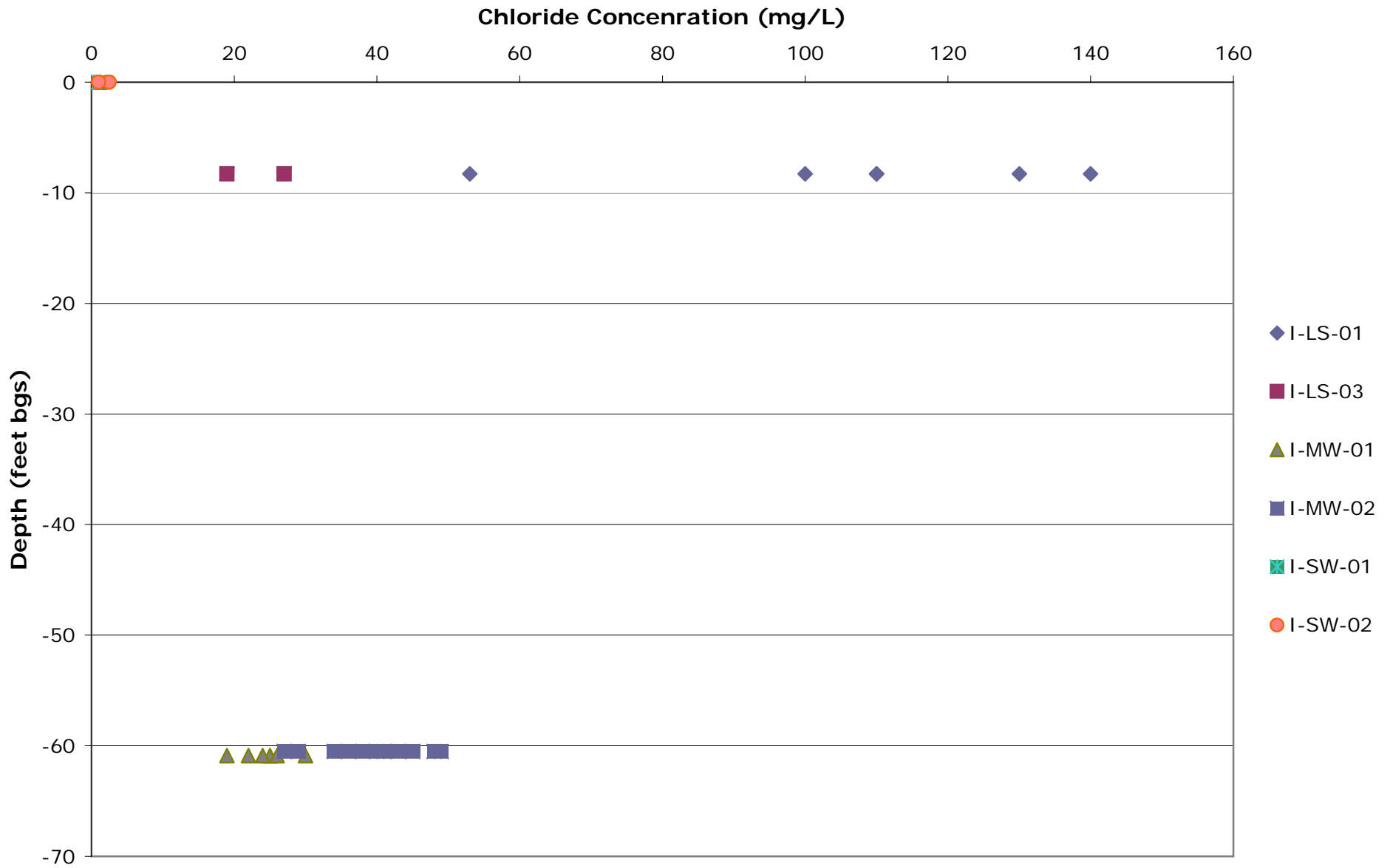


IMAX

Chemical Oxygen Demand Concentration (mg/L)

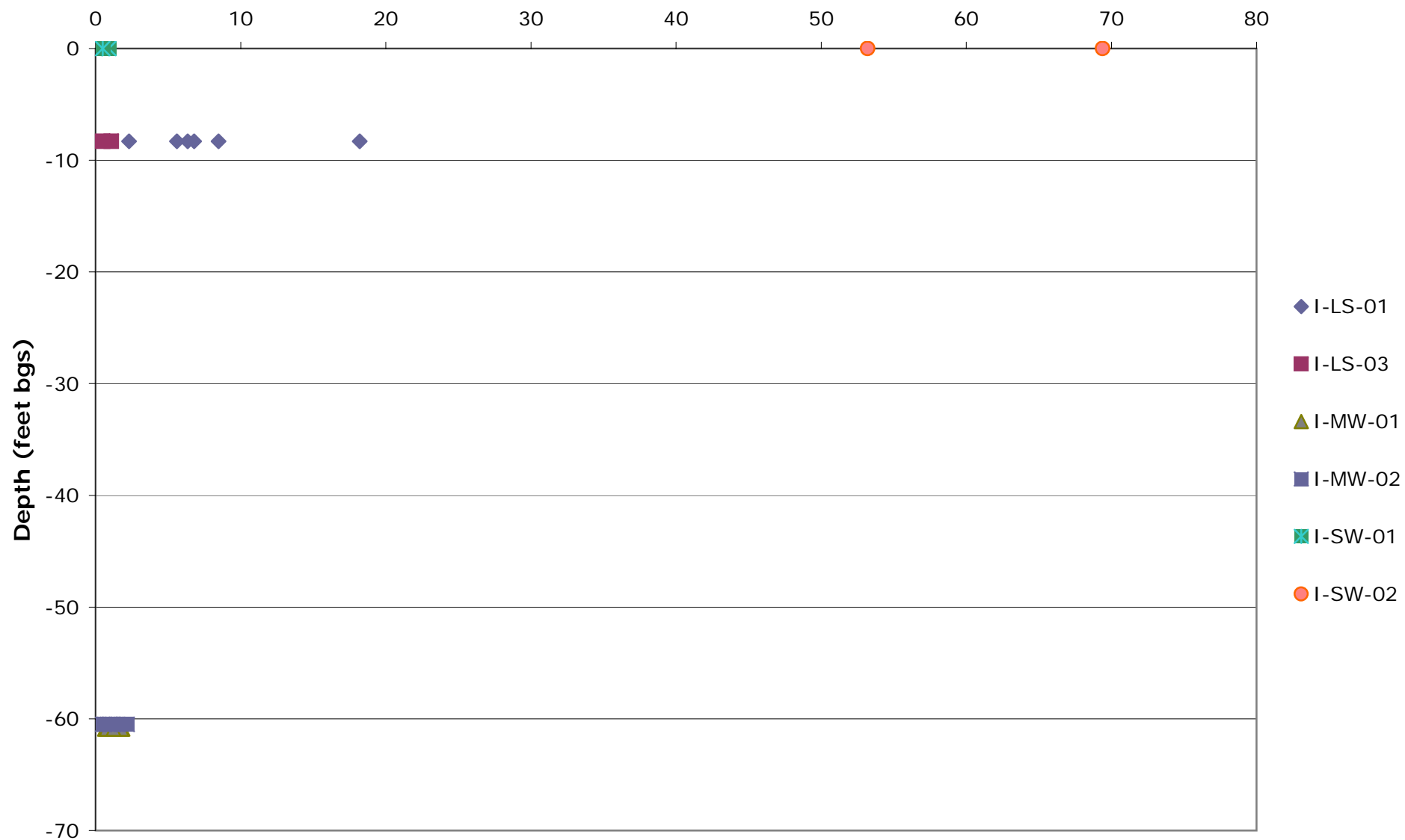


IMAX



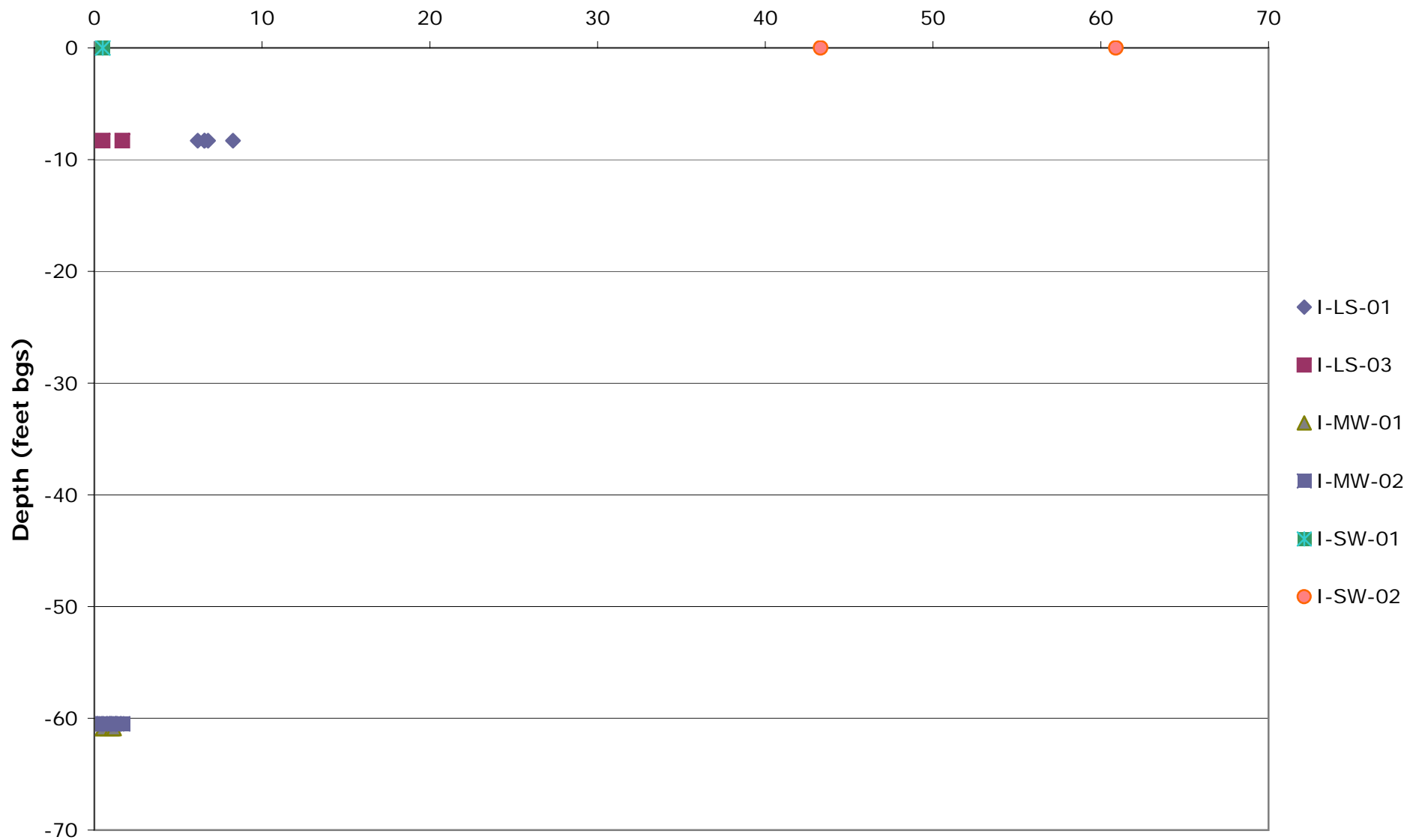
IMAX

Total Arsenic Concentration ($\mu\text{g/L}$)



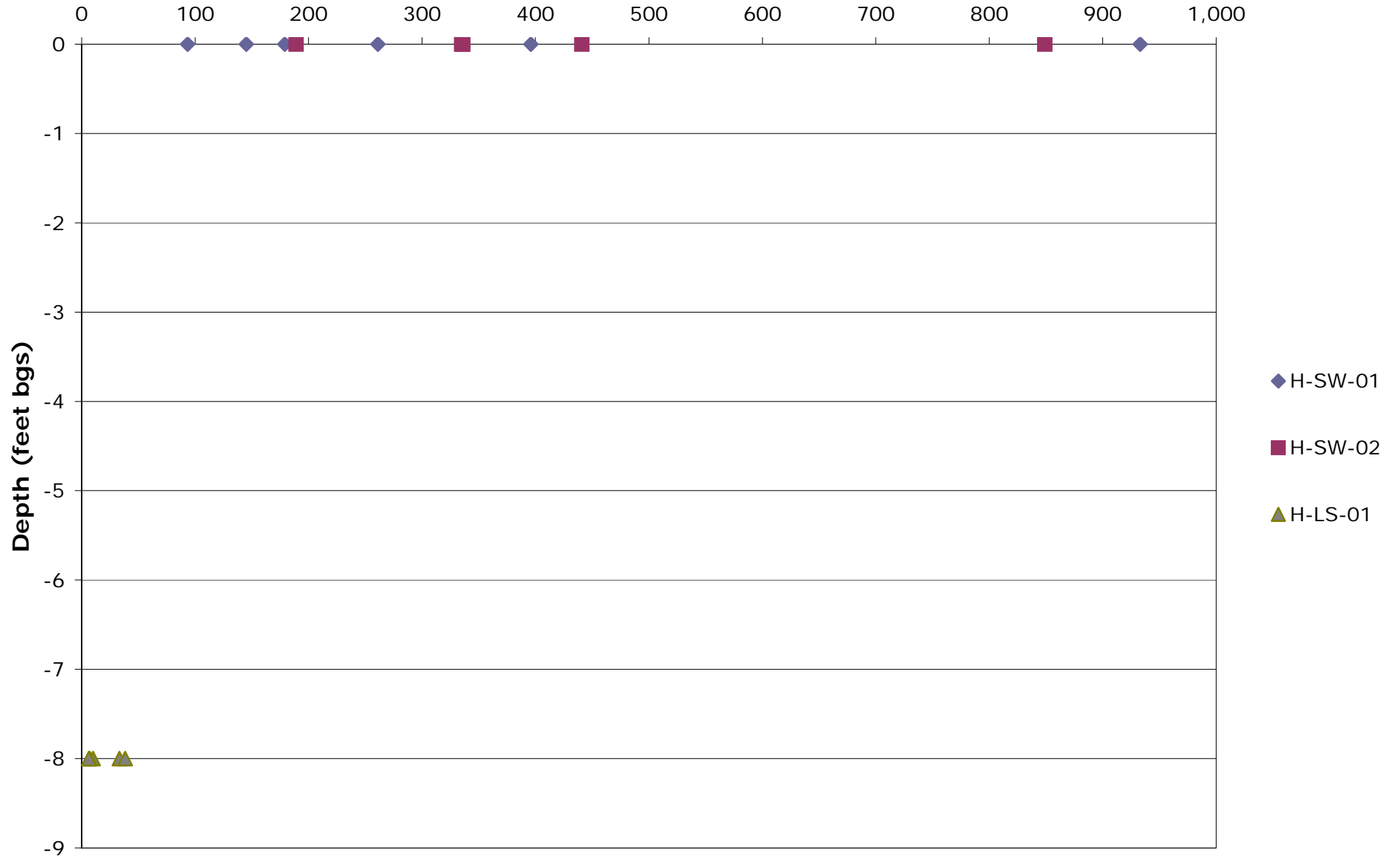
IMAX

Dissolved Arsenic Concentration ($\mu\text{g/L}$)



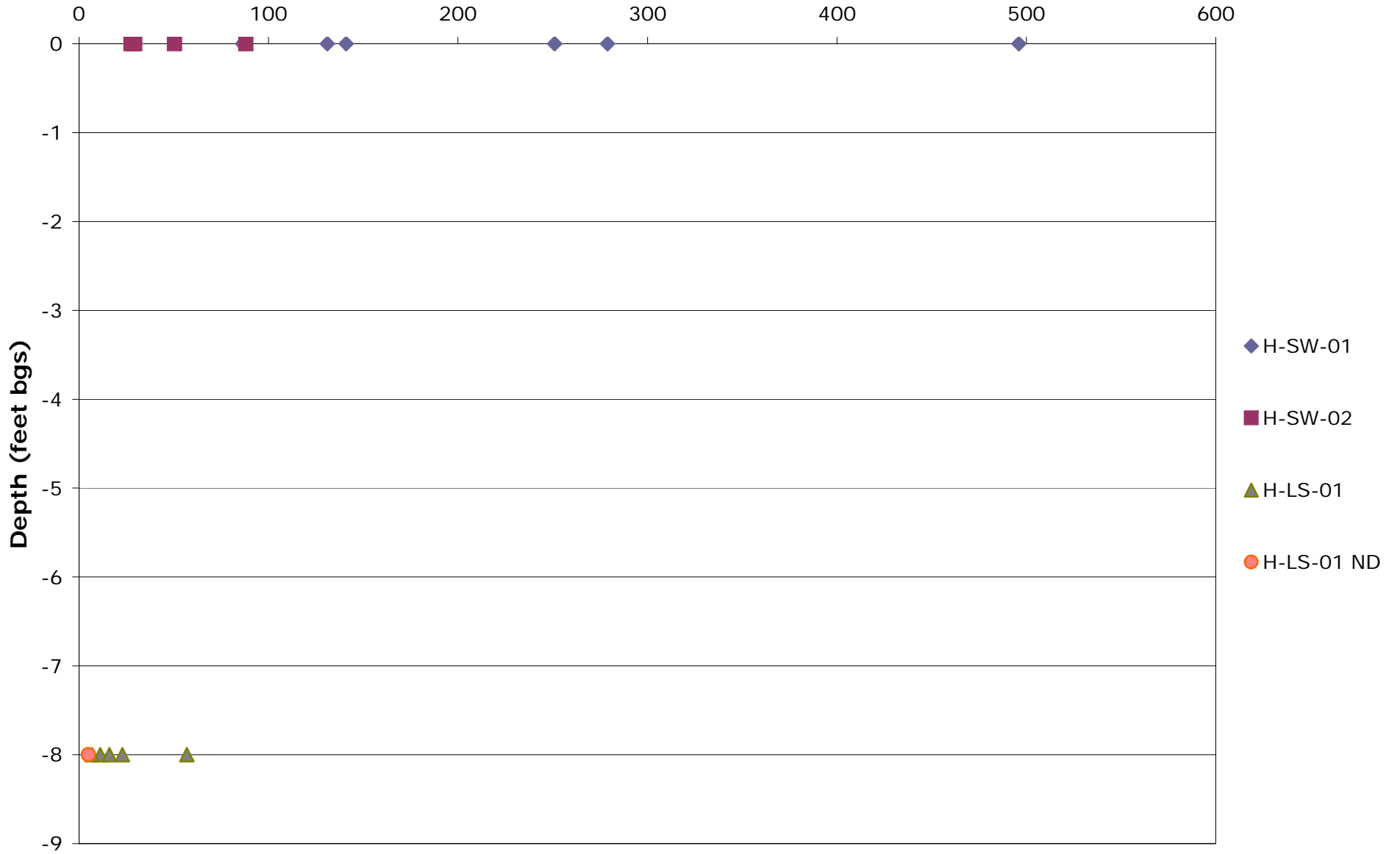
Hall House

Total Zinc Concentration ($\mu\text{g/L}$)



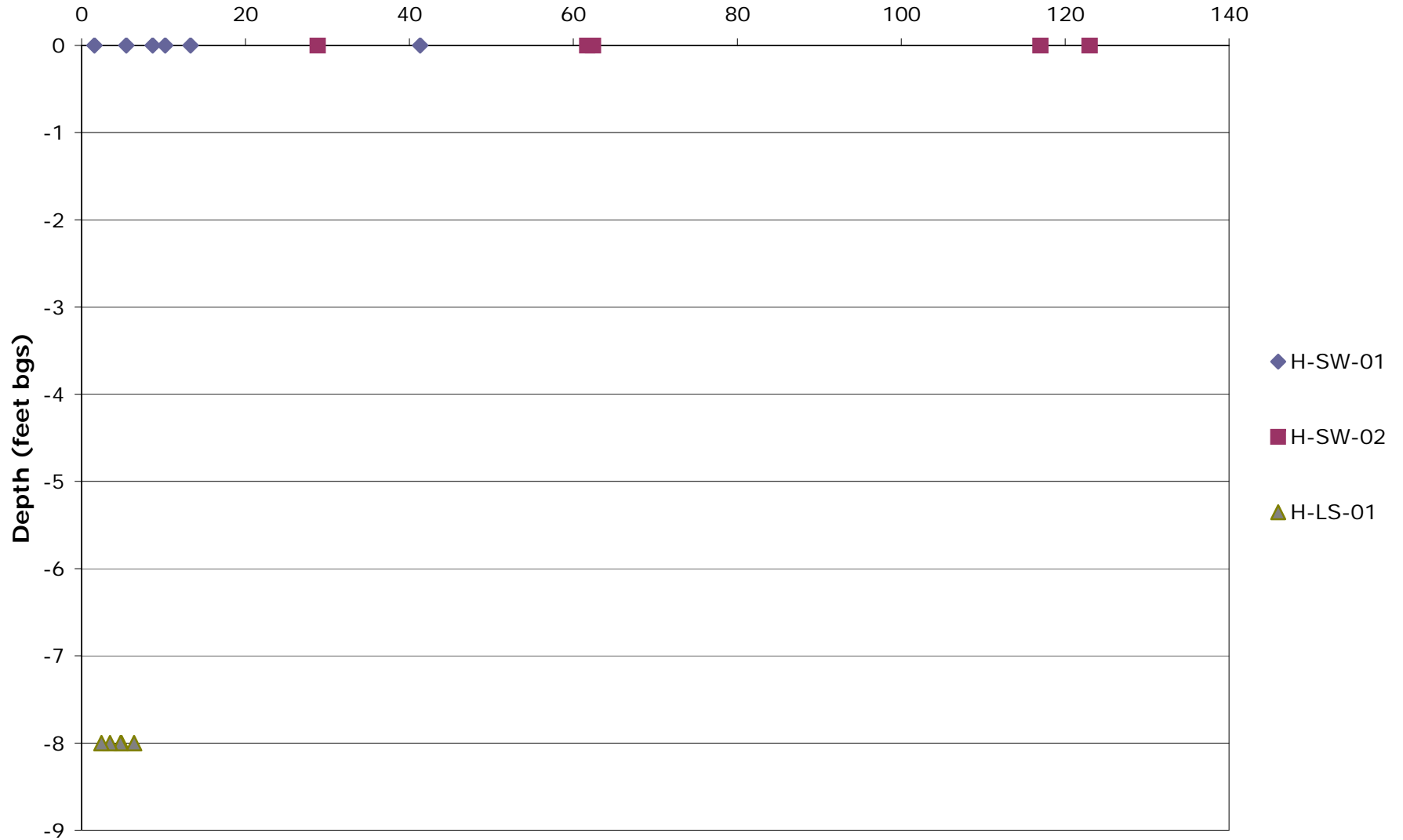
Hall House

Dissolved Zinc Concentration ($\mu\text{g/L}$)



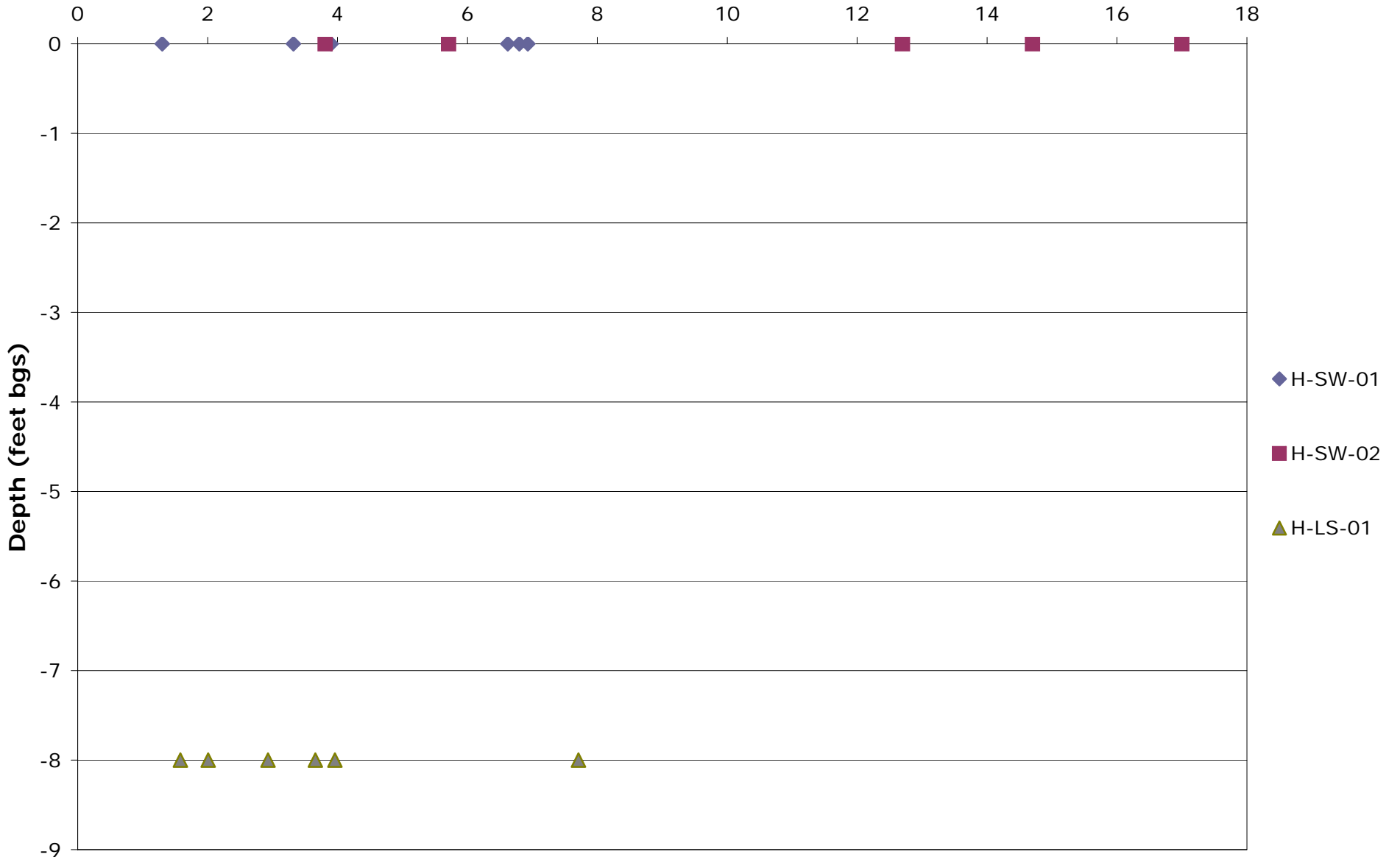
Hall House

Total Copper Concentration ($\mu\text{g/L}$)



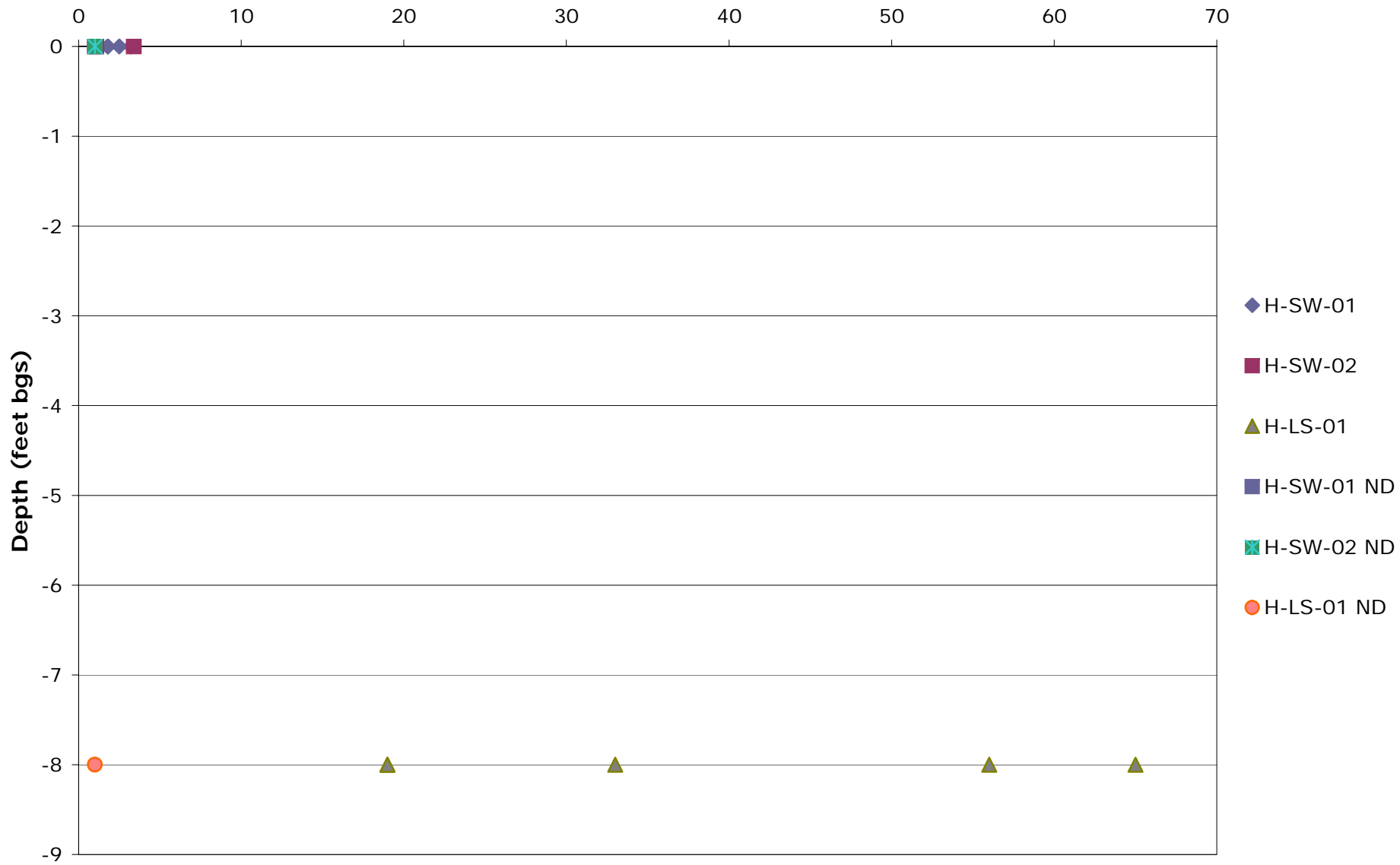
Hall House

Dissolved Copper Concentration ($\mu\text{g/L}$)



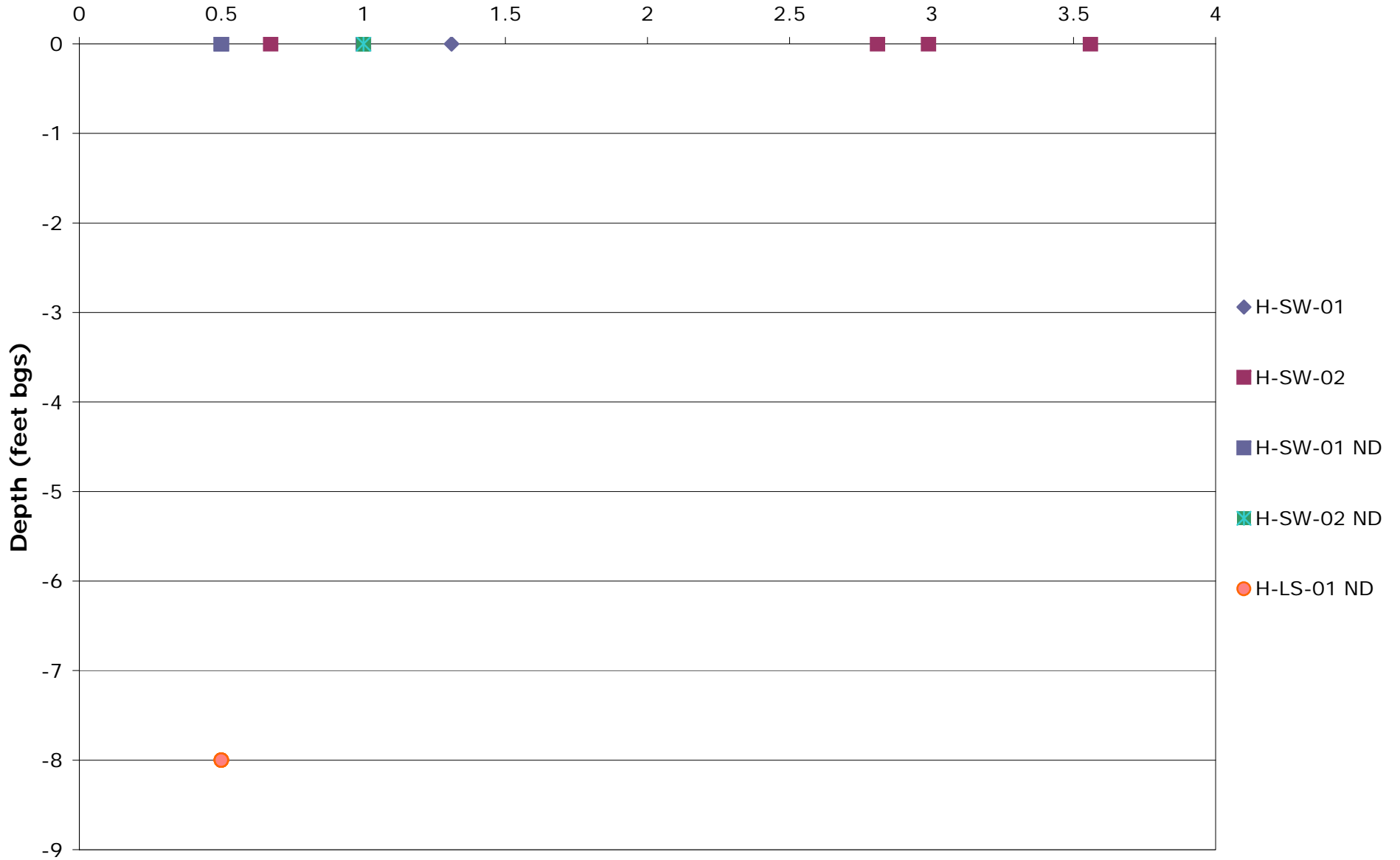
Hall House

Chloride Concentration (mg/L)



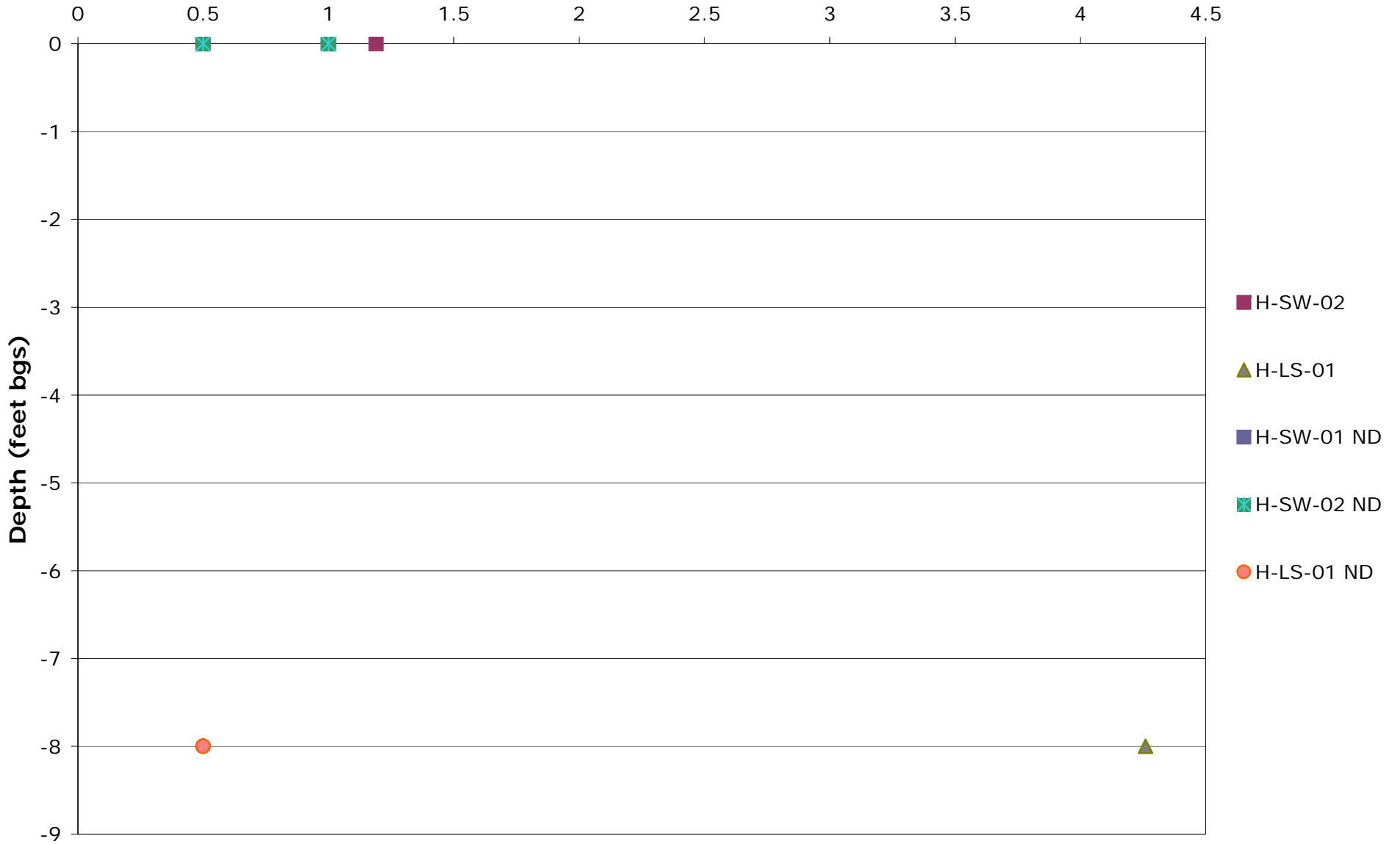
Hall House

Total Arsenic Concentration ($\mu\text{g/L}$)

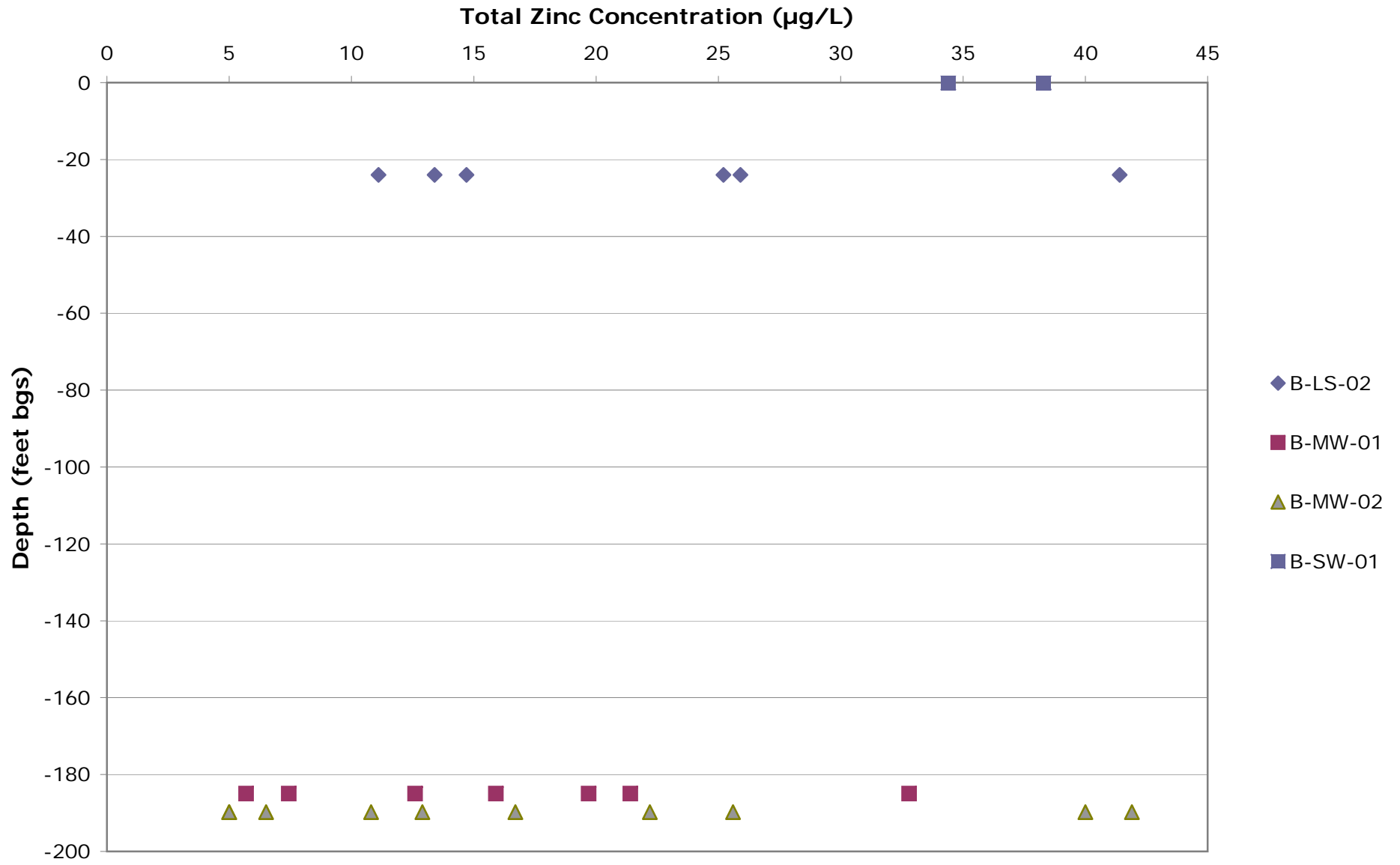


Hall House

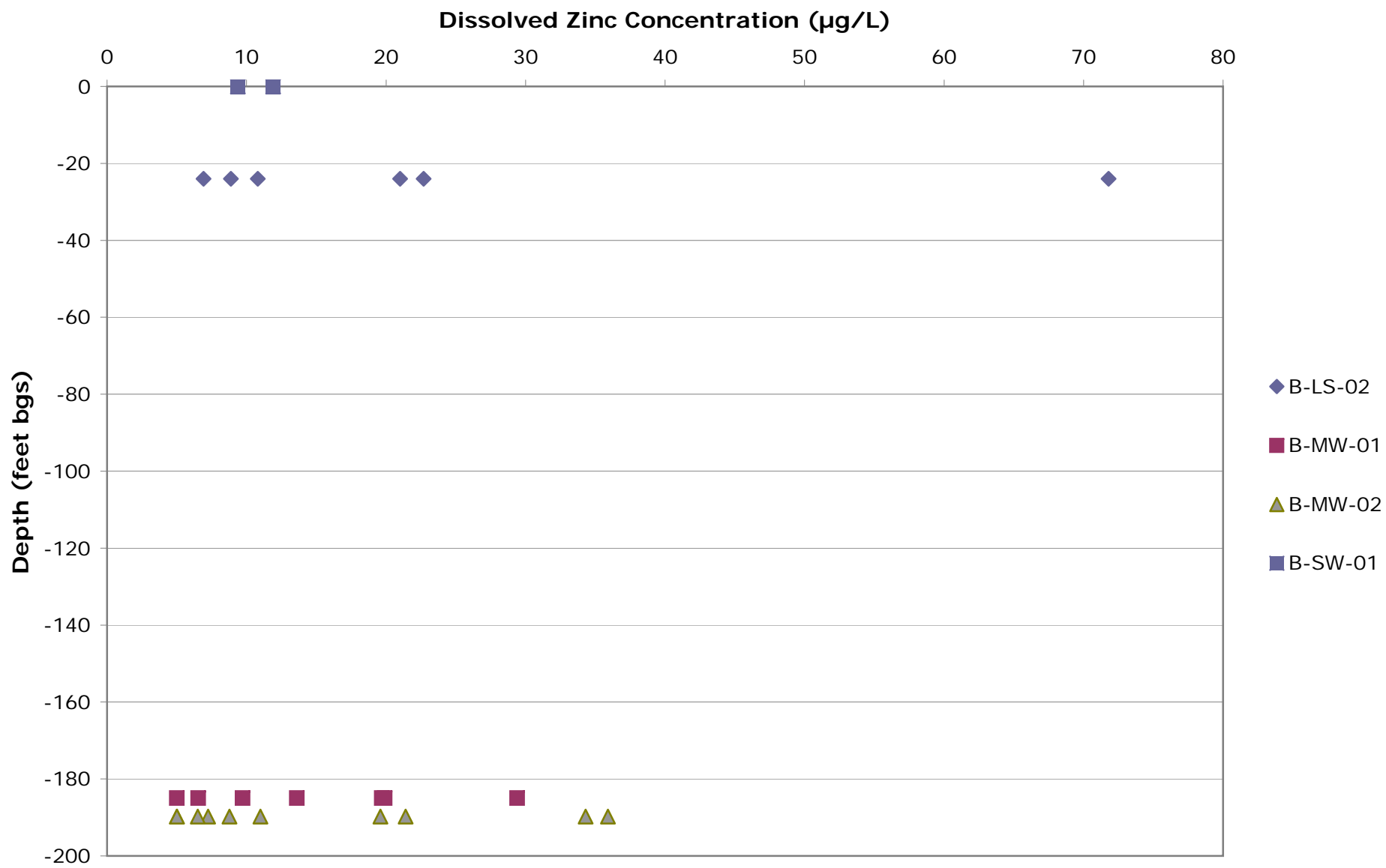
Dissolved Arsenic Concentration ($\mu\text{g/L}$)



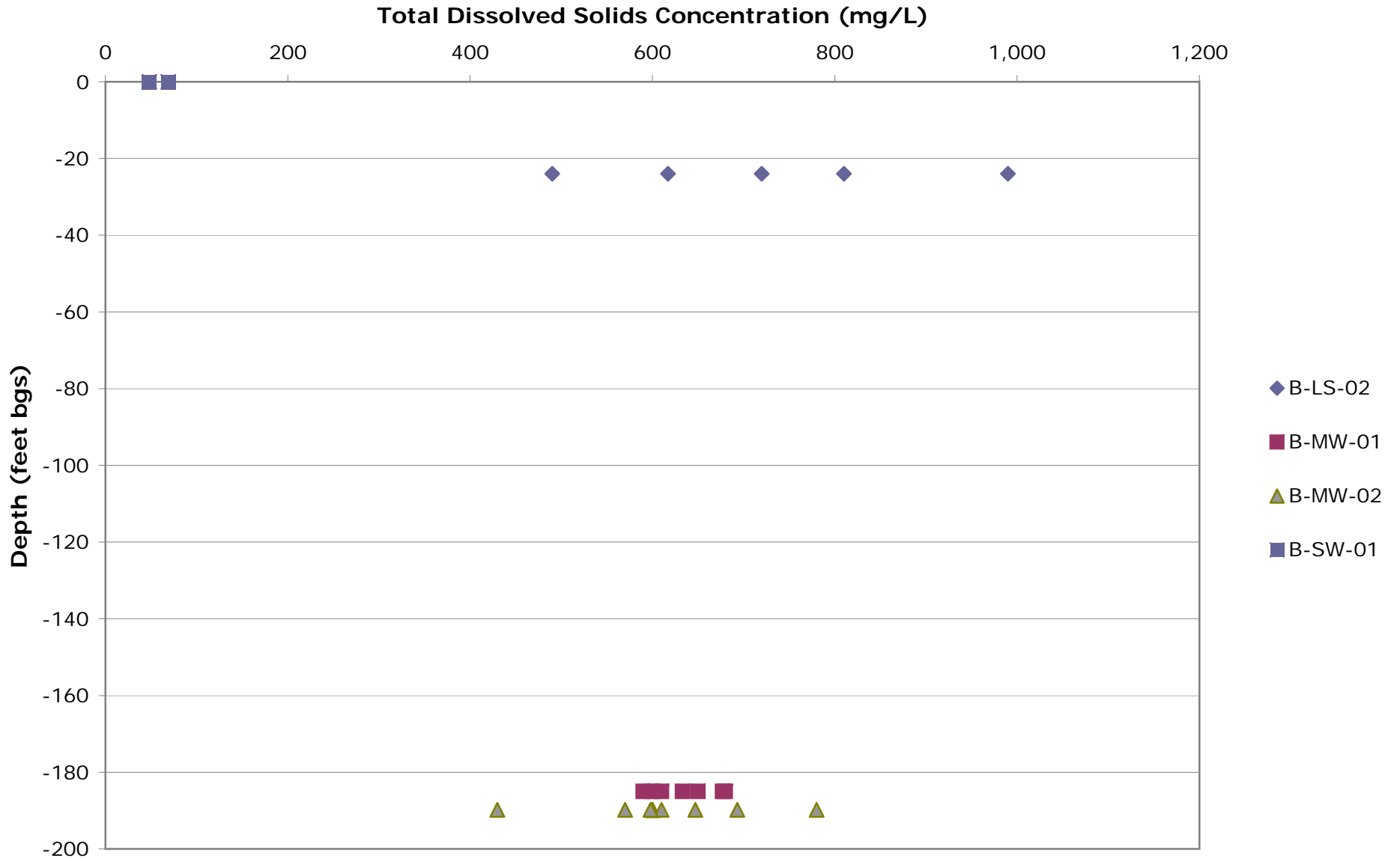
Broadus



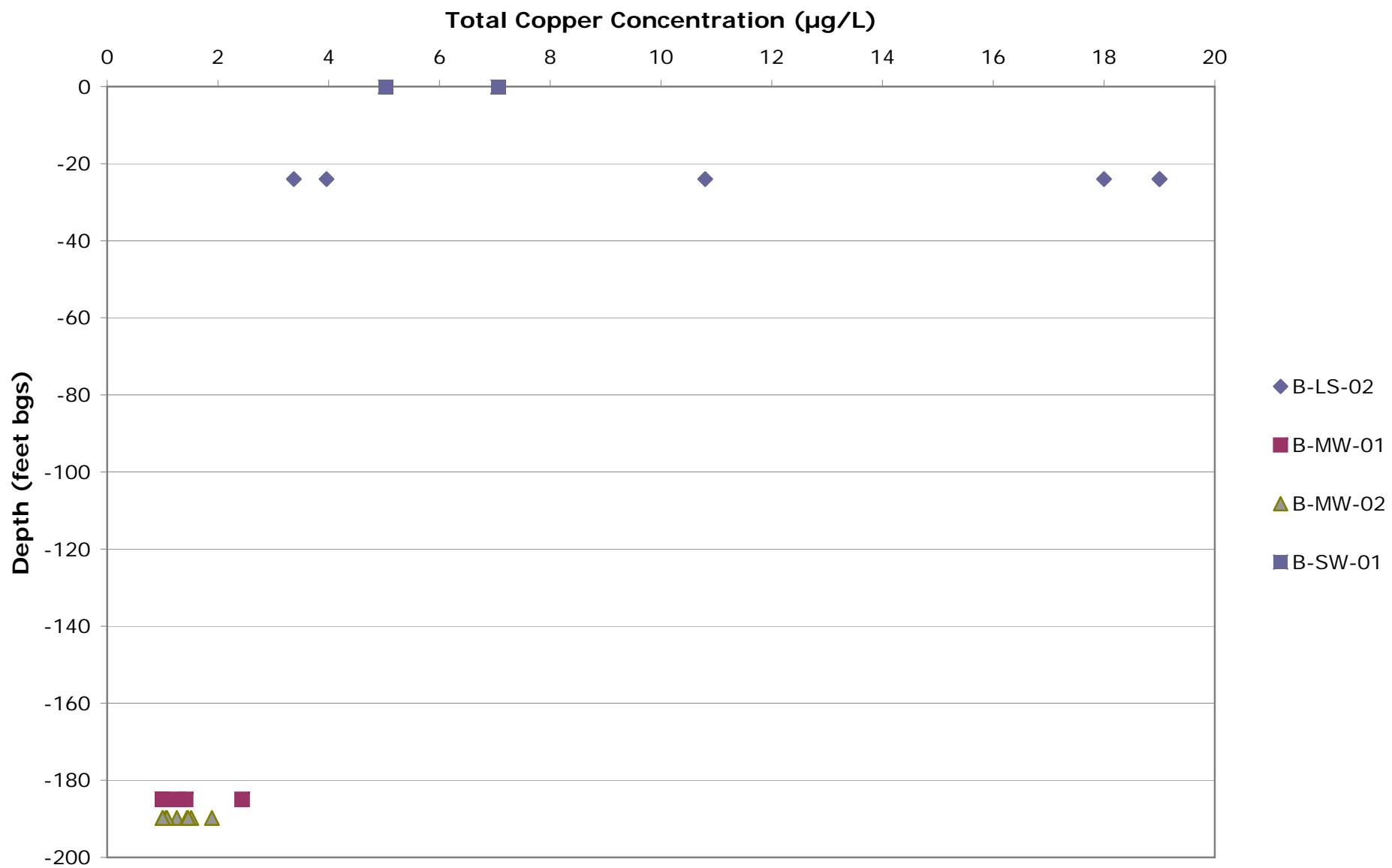
Broadus



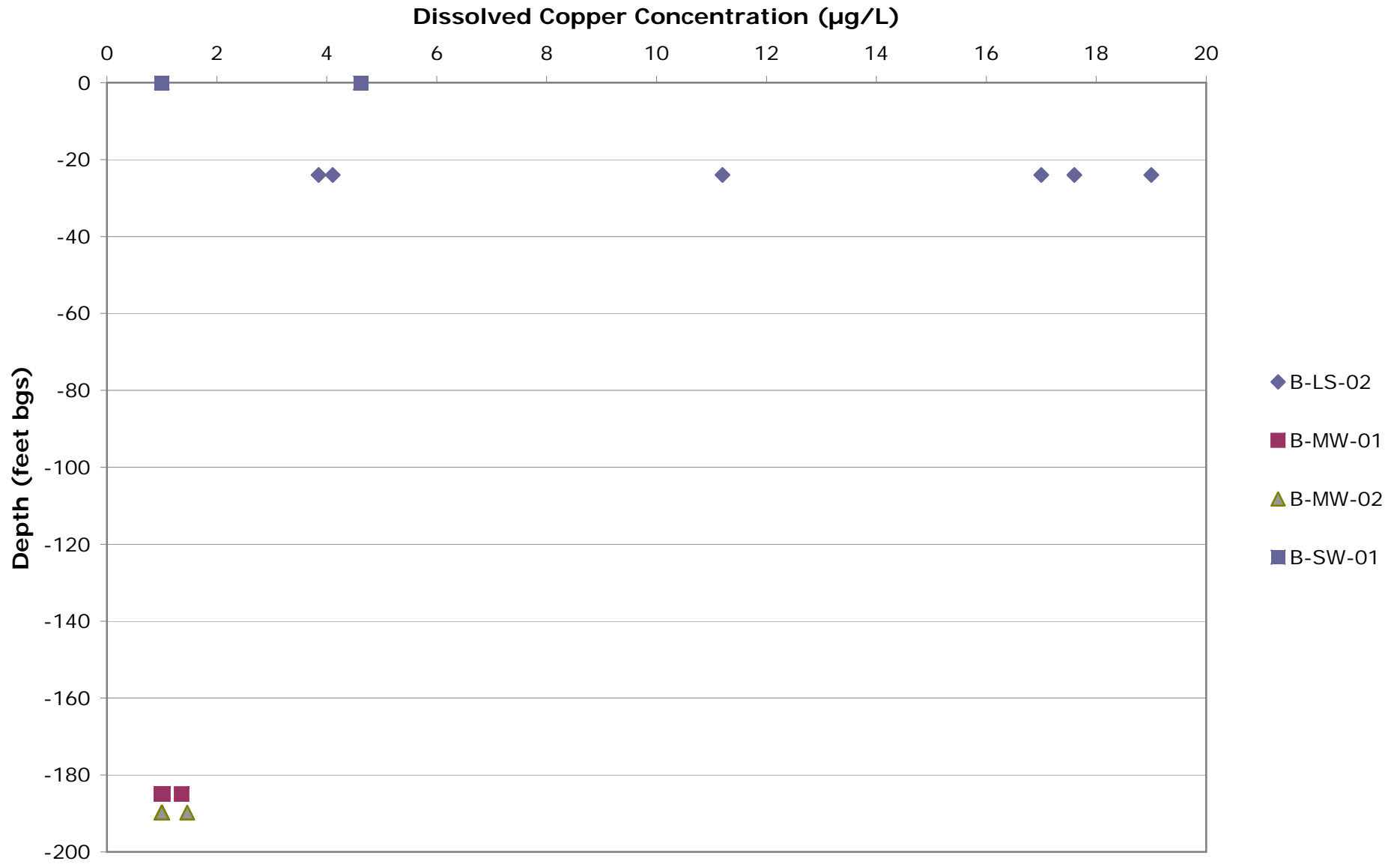
Broadus



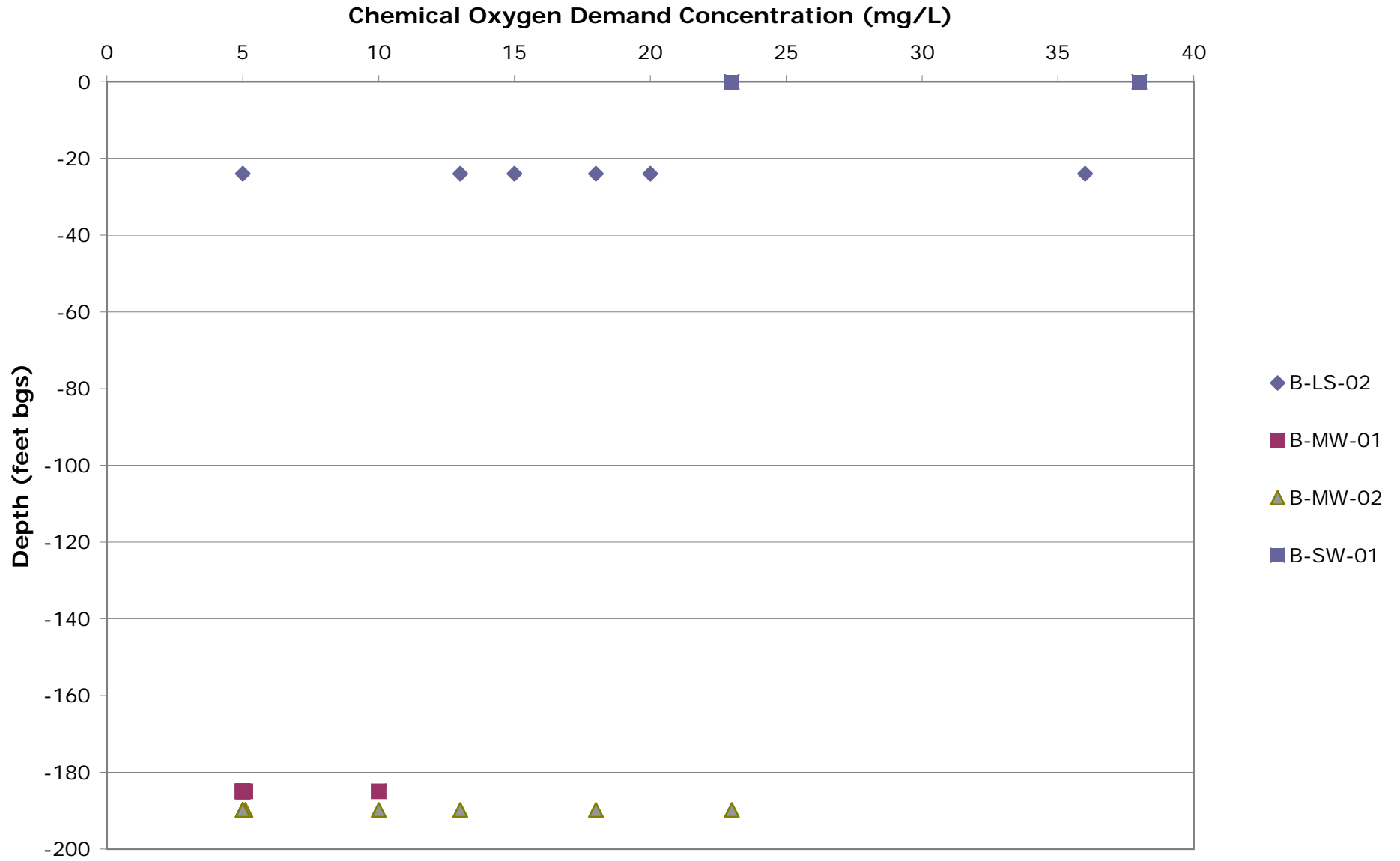
Broadus



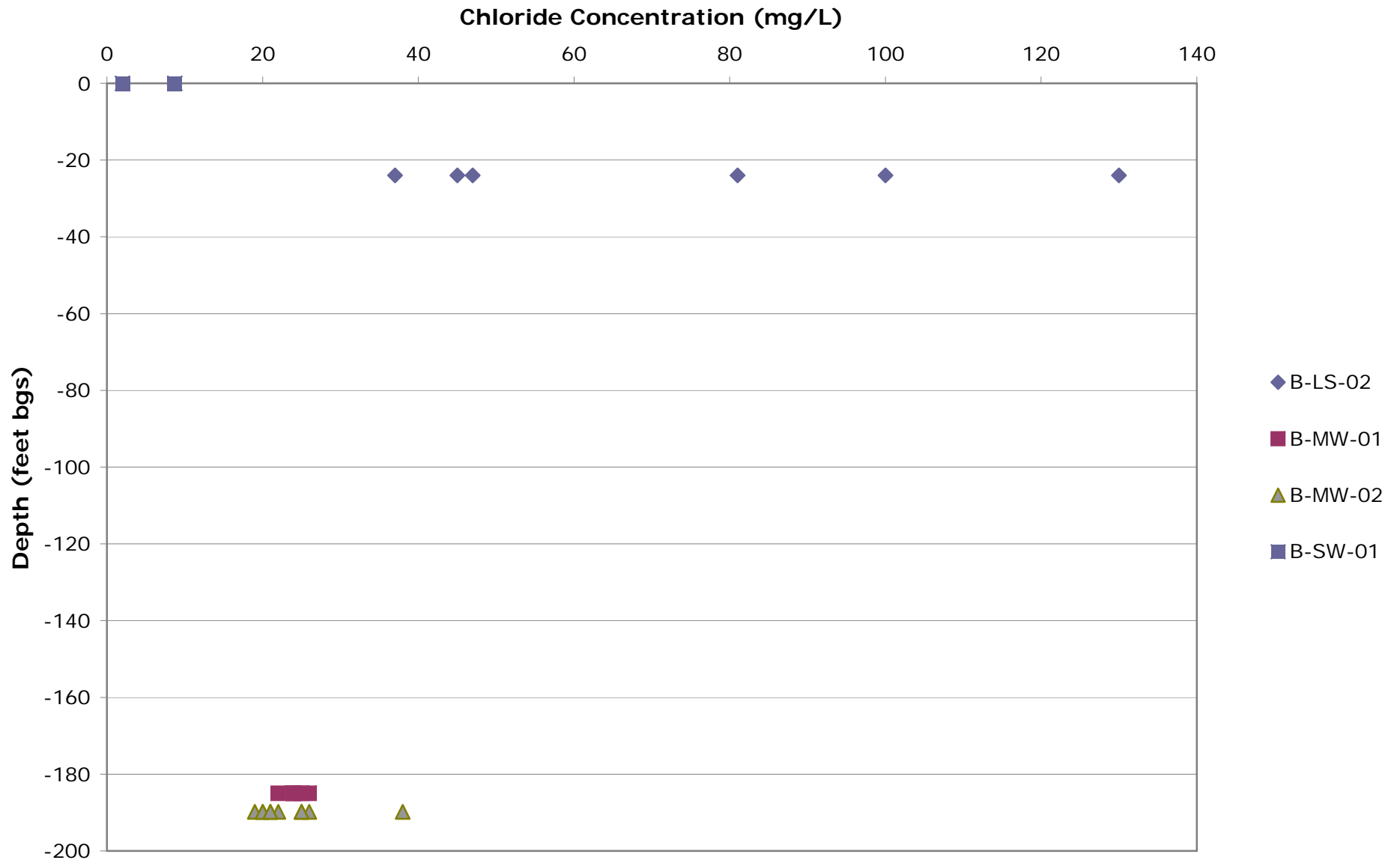
Broadus



Broadus

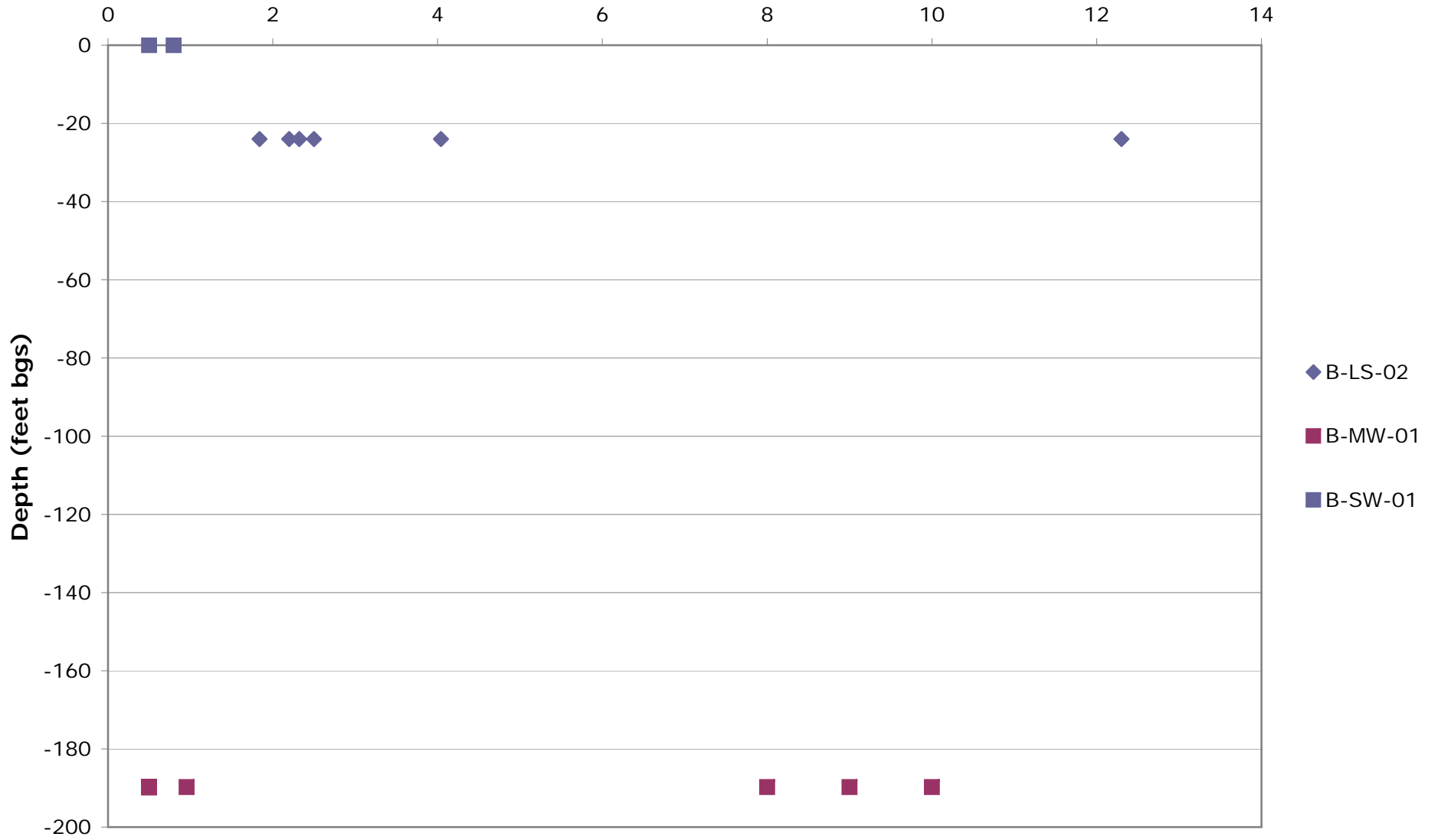


Broadus



Broadus

Total Arsenic Concentration ($\mu\text{g/L}$)



Broadus

