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Thanks,
Clark McWilliams P.E. 501-682-0510
ADEQ – Solid Waste Management Division
11/12/15

SCS AQUATERRA

November 5, 2015
Project No. 27214218.01

Mr. Bill Sadler, P.G.
ADEQ – Solid Waste Management Division
5301 Northshore Drive
North Little Rock, Arkansas 72118

Subject: **NABORS Landfill**
Third Quarter Groundwater Monitoring and Gas Monitoring Reports

Mr. Sadler,

In accordance with Contract Number 4600033394, SCS Aquaterra is submitting the Third Quarter Groundwater Monitoring Report and Third Quarter Gas Monitoring Report summarizing monitoring activities performed in September 2015 at the NABORS Landfill.

If you have questions or comments regarding these reports, please do not hesitate to contact us at (913) 681-0030.

Sincerely,



Dillon Baird, P.E.
Project Engineer
SCS AQUATERRA



Floyd Cotter, P.E.
Project Manager
SCS AQUATERRA

Enclosure: Third Quarter 2015 Groundwater Monitoring Report
Third Quarter 2015 Gas Monitoring Report



THIRD QUARTER 2015 GROUNDWATER MONITORING REPORT

NABORS Class 1 Landfill

1305 Rossi Road

Mountain Home, AR 72653

Permit No. 0249-S1-R2 AFIN: 03-00051

Project No. 15-040

October 26, 2015

Prepared by:



7529 Counts Massie Road ■ North Little Rock, Arkansas 72113

NABORS CLASS 1 LANDFILL

THIRD QUARTER 2015 GROUNDWATER MONITORING REPORT

Professional Geologist Certification

I certify that I am a qualified groundwater scientist who has received a baccalaureate or postgraduate degree in the natural sciences. I have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, which enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. The statistics herein are based upon the statistical program SANITAS for Groundwater™ that is guided by the relevant EPA Guidance, ASTM Standards, and in accordance with Arkansas Department of Environmental Quality Hazardous Waste Regulation 22. I further certify that this report was prepared by me or by a subordinate working under my direction.

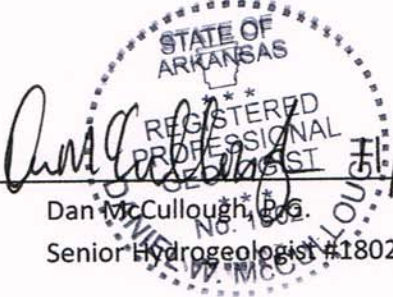

Dan McCullough, P.G.
Senior Hydrogeologist #1802
Date 7/5/15

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 SITE DESCRIPTION	1
1.2 SITE GROUNDWATER MONITORING SYSTEM	1
2.0 GROUNDWATER SAMPLING	3
2.1 WATER LEVEL DETERMINATION	3
2.2 WELL EVACUATION	3
2.3 EQUIPMENT DECONTAMINATION	3
2.4 SAMPLE EXTRACTION	4
2.5 FIELD TESTING	6
2.6 FIELD QA/QC PROCEDURES	7
2.7 HANDLING/TRANSPORT/CUSTODY	8
2.8 SAMPLE PRESERVATION	8
3.0 THIRD QUARTER 2015 ASSESSMENT MONITORING SAMPLING EVENT	9
3.1 GROUNDWATER ELEVATION, FLOW DIRECTION & RATE	9
3.2 STATISTICAL EVALUATION	10
3.2.1 RESULTS OF DETECTION MONITORING STATISTICAL ANALYSIS	11
3.2.2 RESULTS OF ASSESSMENT MONITORING STATISTICAL ANALYSIS	12
3.3 LABORATORY ANALYTICAL RESULTS	14
3.4 QUALITY ASSURANCE/QUALITY CONTROL RESULTS	14
4.0 CONCLUSIONS	19

TABLES

TABLE 1	ASSESSMENT MONITORING CONSTITUENTS
TABLE 2	FIELD MEASUREMENTS
TABLE 3	GROUNDWATER PROTECTION STANDARDS
TABLE 4	INORGANIC GROUNDWATER QUALITY RESULTS
TABLE 5	VOLATILE ORGANIC GROUNDWATER QUALITY RESULTS

APPENDICES

APPENDIX A	FIGURES
FIGURE 1	SITE LOCATION MAP
FIGURE 2	POTENTIOMETRIC SURFACE MAP
APPENDIX B	GROUNDWATER SAMPLING RECORDS
APPENDIX C	LABORATORY ANALYTICAL RESULTS
APPENDIX D	STATISTICAL DATABASE
APPENDIX E	STATISTICAL EVALUATION

1.0 INTRODUCTION

This report summarizes the results of the Third Quarter 2015 Groundwater Assessment Monitoring event at the NABORS Landfill. Field work was conducted by personnel from Chimney Rock Consulting, LLC (CRC) on September 14 - 16, 2015. This report was prepared by CRC for SCS Aquaterra (SCS) under the provisions of Contract No. 4600033394 between the Arkansas Department of Environmental Quality (ADEQ) and SCS.

The NABORS Landfill originally operated under Solid Waste Disposal Permit number 0249-S, as issued to RLH, Inc. (RLH) by the Arkansas Department of Environmental Quality (ADEQ) on June 14, 1988. The solid waste permit was transferred to NABORS on August 31, 2005. The NABORS Landfill is currently under Solid Waste Disposal Permit 0249-S1-R2 issued by the ADEQ on August 10, 2006. Although the permit is considered “open”, the landfill is not receiving waste. The ADEQ is currently managing the closure of the site. The analytical work for this sampling event was conducted by Environmental Science Corporation (ESC) of Nashville, Tennessee and groundwater sampling was conducted by Chimney Rock Consulting, Inc. (CRC).

1.1 SITE DESCRIPTION

The Northwest Arkansas Regional Solid Waste Management District (District) owns both a Class 1 and Class 4 Landfill at the subject site. The NABORS Landfills (herein referred to as Landfill) are located on approximately 700 acres near Three Brothers (Baxter County), Arkansas. The permitted Class 1 area is located in a portion of the SW1/4 of SE1/4 of Section 26, Township 21 North, Range 14 West, and NW1/4 of NE1/4 of Section 35, Township 21 North, Range 14 West. A general geographic location map is included as **FIGURE 1**.

1.2 SITE GROUNDWATER MONITORING SYSTEM

The Landfill groundwater monitoring system has evolved over time into a system of monitoring points including both monitoring wells and local springs. The current Assessment Monitoring Program was triggered by the statistically significant occurrence of certain parameters documented in the original Detection Monitoring system. In turn, the required contingencies for Nature and Extent characterization and other regulatory provisions were addressed through the development of the site.

More specifically, the first Detection Monitoring System for the site that was intended to comply with the provisions of Reg.22.1202 through Reg.22.1204 was approved by ADEQ in 1998. Following the Third Half 2005 sampling event, the ADEQ was notified under the provisions of 22.1204(c) of a statistically significant increase for volatile organic compounds (VOC) at MW-1. These detections were verified during the First Half 2006 sampling event and the facility began Assessment Monitoring at wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7 in June

of 2006 as required by Regulation 22.1205. At that time these seven wells were the only permitted facility Detection Monitoring wells.

The Assessment Monitoring program was later expanded to include all the wells/springs listed below when the new permit was issued in August of 2006 (0249-S1-R2), and when the Nature and Extent Characterization was completed. Monitoring was conducted under this program through the Third Quarter 2012.

Assessment Monitoring continued on a quarterly basis as per 22.1205(d) based upon:

- The presence of VOCs at MW-1
- Detected concentrations of arsenic at various wells, some of which were above the Groundwater Protection Standard (GWPS)
- Vinyl chloride detections at CAO-1 which historically exceed the GWPS.

The current groundwater monitoring system for the NABORS Landfill consists of twenty-four (24) monitoring wells, thirteen (13) springs, and a Leachate sample for a total of thirty-eight (38) Assessment Monitoring points. These sampling points are listed below and are located on **FIGURE 2.**

<u>NABORS GROUNDWATER ASSESSMENT MONITORING POINTS</u>				
MW-1	NAB-1	MW-577	SP-4	NE-6
MW-2	NAB-2	MW-689D	SP-5	MW-1R
MW-3	NAB-3	MW-633D	SP-7	
MW-4	NAB-4	TSP-1	Spring A	
MW-5	NAB-7	TSP-2	Spring B	
MW-6	CAO-3	TSP-3	Leachate	
MW-7	NAB-8	TSP-4	NE-2	
CAO-1	MW-509D	Entrance Seep	NE-3	
CAO-2	Class I Draw	Class IV Draw	Spring near NE-3	

Note: NAB-1 is damaged at approximately 68 feet below top of casing and is no longer being sampled.

2.0 GROUNDWATER SAMPLING

The Third Quarter 2015 Assessment Monitoring sampling event was conducted on September 15-16, 2015. A representative of Chimney Rock Consulting (CRC) collected samples from twenty-one monitoring wells (MW-1R, MW-2 through MW-7, MW-509D, MW-577, MW-633D, MW-689D, CAO-1, CAO-2, CAO-3, NAB-2, NAB-3, NAB-4, NAB-7, NAB-8, NE-2 and NE-6) and nine springs (TSP-3, SP-4, SP-7, SP-NE-3, Spring A, Spring B, Class I Draw Spring, Class IV Draw Spring, and the Landfill Entrance Seep). All additional springs were dry, or had been covered by landfill construction and could not be sampled during this event. The current *Groundwater Sampling and Analysis Plan* dated December 2011 (ADEQ document #61474) was utilized for this sampling event. The procedures for obtaining groundwater samples, parameters analyzed, sample preservation and handling are discussed in the following sections.

2.1 WATER LEVEL DETERMINATION

Prior to evacuating each well for sampling, the depth to water was measured using an electronic water level probe. The measurements were taken to the nearest 0.01-foot from the top of the well casing and the information was used to calculate the volume of water in the well. Because non-dedicated equipment was used to obtain water levels, procedures were instituted to insure the samples were not contaminated. The electronic water level probe is constructed of inert materials and was de-contaminated with distilled water prior to use at each well.

2.2 WELL EVACUATION

The water in a well prior to sampling may not be representative of in-situ groundwater quality. Therefore, the groundwater technician used an electric submersible Grundfos Redi-Flo 2 pump to purge a minimum of three casing volumes from each well utilizing dedicated sampling tubing at a rate that did not excessively agitate the recharge water. Since non-dedicated equipment was used to purge the wells, procedures were utilized to insure the samples were not contaminated. Clean, non-powdered, nitrile gloves were worn by the sampling personnel. Measures were taken to prevent surface soils from coming in contact with the purging equipment and lines, which could introduce contaminants to the well.

2.3 EQUIPMENT DECONTAMINATION PROCEDURES

All equipment that was used in the monitoring wells and had contact with the samples was thoroughly cleaned before use. These devices included a water level probe and a submersible pump. The water level probe was washed with potable water and phosphate-free laboratory detergent. Next, the probe was rinsed with potable water and finally, rinsed with distilled water. The water level probe was then placed in a plastic bag to reduce contact with air and transported into the field. After a water level was measured at each well, a paper towel was

soaked with distilled water and as the probe was reeled up the tape and probe were wiped clean.

The submersible pump was initially flushed with potable water and phosphate-free detergent. Next, the pump was rinsed with potable water, and finally rinsed and flushed with distilled water in a portable decontamination tub prior to use in each well. The pump was transported in a clean, sealed tub to minimize contact with the air prior to use at each well.

2.4 SAMPLE EXTRACTION

The technique used to withdraw each groundwater sample from the wells was selected based on consideration of the parameters analyzed in the sample. To insure the groundwater sample is representative of the formation, it is important to minimize physically altering or chemically contaminating the sample during the withdrawal process. In order to minimize the possibility of sample contamination the groundwater technicians did the following:

- *Made sure clean sampling equipment was not placed directly on the ground or other contaminated surfaces prior to insertion into the well.*
- *Gently lowered and retrieved sampling equipment in order to prevent undue disturbance of the water column.*
- *Transferred samples to the appropriate containers in a manner that minimized agitation and aeration.*

Samples were collected and containerized in the order of volatilization sensitivity of the parameters. Spring samples are collected where able, by utilizing a grab sample method by holding the sample bottle within the spring water flow path. The list of parameters analyzed is presented in **TABLE 1**.

TABLE 1
ASSESSMENT MONITORING CONSTITUENTS (AMC)

<u>APPENDIX 1 VOLATILES</u>	<u>INORGANICS</u>
ACETONE	ANTIMONY
ACRYLONITRILE	ARSENIC
BENZENE	BARIUM
BROMOCHLOROMETHANE	BERYLLIUM
BROMODICHLOROMETHANE	CADMIUM
BROMOFORM; TRIBROMOMETHANE	CHROMIUM
CARBON TETRACHLORIDE	COBALT
CARBON DISULFIDE	COPPER
CHLOROBENZENE	LEAD
CHLOROETHANE	NICKEL
CHLOROFORM	SELENIUM
DIBROMOCHLOROMETHANE	SILVER
1,2, DICHLOROBENZENE	THALLIUM
1,4, DICHLOROBENZENE	VANADIUM
TRANS- 1,4-DICHLORO-2-BUTENE	ZINC
1,1 DICHLOROETHANE	IRON
1,2 DICHLOROETHANE	MANGANESE
CIS-1,2,-DICHLOROETHYLENE	TIN
TRANS-1,2-DICHLOROETHYLENE	
1,2-DICHLOROPROPANE	
CIS-1,3-DICHLOROPROPENE	
TRANS-1,3-DICHLOROPROPENE	
ETHYLBENZENE	
2-HEXANONE	
METHYL BROMIDE	
METHYL CHLORIDE	
METHYLENE BROMIDE	
METHYLENE CHLORIDE	
METHYL ETHYL KETONE	
METHYL IODIDE	
4- METHYL-2-PENTANONE	
STYRENE	
1,1,1,2-TETRACHLOROETHANE	
1,1,2,2,-TETRACHLOROETHANE	
TETRACHLOROETHANE	
TOLUENE	
1,1,1-TRICHLOROETHANE	
1,1,2-TRICHLOROETHANE	
TRICHLOROETHYLENE	
TRICHLOROFLUOROMETHANE	
1,2,3-TRICHLOROPROPANE	
VINYL ACETATE	
VINYL CHLORIDE	
XYLENE	
	<u>INDICATOR PARAMETERS</u>
	CHLORIDE
	pH
	SULFATE
	TDS
	TOC
	SPECIFIC CONDUCTANCE

The collection order for the common groundwater parameters was as follows:

- * *Volatile Organic Compounds (VOCs)*
- * *Total Organic Carbon (TOC)*
- * *Sulfate, Chloride, and Total Dissolved Solids (TDS)*
- * *Total Metals*

2.5 FIELD TESTING

Some of the parameters evaluated are physically or chemically unstable and were measured immediately after collection by the CRC representative using a flow cell. Examples of unstable elements or properties include pH and temperature. Although the turbidity and specific conductance (inverse of electrical resistance) of a substance are relatively stable, these parameters were also measured in the field. This information was recorded on *Groundwater Monitoring Sampling Records* presented in **APPENDIX A**. A summary of the field measurements for the Third Quarter 2015 Assessment Monitoring sampling event is presented in **TABLE 2**.

TABLE 2
THIRD QUARTER 2015 FIELD MEASUREMENTS

Well #	Date	Time	TOC Elev. (fmsl)	GW Depth (ft.)	GW Elev. (fmsl)	pH (SU)	Temp. (°C)	Turbidity (NTU)	Spec. Cond. (uS/cm)
MW-1R	9/15/15	1416	1067.57	69.31	998.26	6.38	18.7	10.4	2860
MW-2	9/15/15	1446	1001.21	34.55	966.66	7.34	17.4	1.18	115
MW-3	9/15/15	1210	994.48	26.66	967.82	6.43	17.7	1.07	1602
MW-4	9/15/15	1317	1012.11	86.58	925.53	7.18	17.3	6.04	1163
MW-5	9/15/15	1531	1004.38	77.11	927.27	7.27	16.5	6.69	1293
MW-6	9/15/15	1601	1000.38	55.29	945.09	7.33	15.4	2.46	1325
MW-7	9/15/15	1641	999.66	8.18	991.48	7.24	17.4	1.93	1016
CAO-1	9/16/15	1007	1026.40	26.18	1000.22	6.14	16.5	1.12	2252
CAO-2	9/15/15	1150	998.80	23.89	974.91	6.71	17.3	4.71	1393
CAO-3	9/15/15	1130	984.20	9.03	975.17	7.20	20.3	2.13	859
NAB-1	DNS	DNS	1012.26	DNS	DNS	DNS	DNS	DNS	DNS
NAB-2	9/16/15	0834	993.98	77.09	916.89	7.21	17.9	8.67	1337
NAB-3	9/15/15	0902	921.49	25.53	895.96	7.18	16.3	7.85	1241
NAB-4	9/15/15	1010	1004.20	107.71	896.49	6.99	18.1	8.6	1361
NAB-7	9/15/15	1710	1012.36	22.01	990.35	7.20	16.3	2.21	1138
*NAB-8	9/16/15	0630	1039.21	77.19	962.02	8.01	16.1	6.03	1124
MW-509D	9/16/15	0945	1014.20	19.65	994.55	7.07	19.9	15.8	1126
MW-577	9/16/15	0805	982.60	41.98	940.62	7.27	15.8	8.71	1250
MW-689D	9/15/15	0932	966.20	25.83	940.37	7.19	17.0	9.7	1227
MW-633D	9/15/15	1106	1050.10	62.67	987.43	7.10	18.0	8.66	1313
*NE-2	9/16/15	0652	976.98	58.56	918.42	7.93	15.3	109	4301
*NE-3	9/16/15	0712	846.91	7.20	839.71	8.21	17.6	22.5	1127
NE-6	9/15/15	1235	901.42	7.94	893.48	7.08	19.6	5.68	1212

DNS = Did Not Sample

*Note: NAB-8, NE-2, and NE-3 went dry during purging (at approx. 2, .5, and 5 gallons respectively)

2.6 FIELD QA/QC PROCEDURES

For QA/QC purposes, a duplicate sample of MW-6 was collected and labeled Dupe. Procedures utilized for collecting the duplicate sample were identical to the sampling protocol detailed in Section 2.4 and collected at the same time as the MW-6 samples. The duplicate sample was collected to verify the consistency and precision of the sampling and testing procedures.

A field blank was also collected and labeled FB. The field blank consisted of distilled water poured into a sample container under field conditions and returned for laboratory analysis. The CRC field representative prepared the field blank for all the required monitoring parameters. The field blank was used to verify that the sample collection and handling process or ambient conditions, such as airborne materials or other factors unique to the sampling area did not affect the quality of the samples.

A volatile organic analyte (VOA) trip blank was also included as part of the field QA/QC procedures. The trip blank was prepared in the laboratory utilizing de-ionized water, transported to the site, handled as a sample (yet never opened in the field), and returned to the laboratory for analysis. Trip blank results are used to verify that the sample containers were adequately prepared/handled in the laboratory, and that the groundwater samples were protected from contamination during transport.

An equipment blank, labeled EB, was prepared on site by pouring de-ionized water over the water level probe, gloves, and through a disposable bailer. Equipment blank results are used to verify that proper protocols for collection of samples and decontamination of equipment were followed.

2.7 HANDLING/TRANSPORT/CUSTODY

Samples were accompanied by a Chain-of-Custody record that includes the name of the facility, collector's signature, monitoring point identification number, date, time, type of sample, number of containers, and analyses required. Samples collected from the Landfill site were placed in sample containers provided by the Laboratory. Containers were certified clean by the supplier and transported with ice to preserve samples.

Attached to the sample container at the time of collection is the sample label. The following information is recorded on the sample label:

- o *Project or facility name*
- o *Sample type*
- o *Sample location number (well number)*
- o *Preservation type*
- o *Sampling date and time*
- o *Sample collector's name or initials*

Documentation for the sample collection process and other important information was recorded on the chain of custody. The standard format includes the date, time, type of sample, code for sample analysis, unique sample number, and sampling location. The entries were signed by the sample collector.

2.8 SAMPLE PRESERVATION

In accordance with the facility's *Sampling and Analysis Plan*, the samples were placed in an ice chest for preservation and cooled to approximately 4 degrees Celsius. Custody was retained by a CRC representative from the time of collection until shipment via Federal Express to Environmental Science Corp. (ESC) in Nashville, Tennessee. Laboratory analytical results and a copy of the ESC Chain-of-Custody form are included in **APPENDIX C**.

3.0 THIRD QUARTER 2015 ASSESSMENT MONITORING EVENT

The sampling results summarized in this report are for the Third Quarter 2015 Assessment Monitoring Event. The results for this event, conducted on September 15-16, 2015, are provided in the following sections, tables, and appendices. In addition, all historical groundwater data was evaluated statistically to determine if significant differences exist between compliance and background concentrations at each monitoring point.

3.1 GROUNDWATER ELEVATION, FLOW DIRECTION & RATE

There are currently twenty-three monitoring wells located around the Landfill area. Water level elevations were measured for monitoring wells MW-1R, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, CAO-1, CAO-2, CAO-3, NAB-2, NAB-3, NAB-4, NAB-7, NAB-8, NE-2, NE-3, NE-6, MW-509D, MW-577, MW-689 and MW-633D during the Third Quarter 2015 event. **TABLE 2** summarizes the results of the water level and field measurements for this event. The highest water level elevation during this event was measured in monitoring well CAO-1, located east of Area 1-2, and the lowest elevation occurred in monitoring well NE-3, located southeast of Area 1-3. A potentiometric surface map was constructed utilizing the water levels measured during the Third Quarter 2015 Assessment Monitoring Event and is presented as **FIGURE 2**.

As **FIGURE 2** indicates, groundwater within the uppermost aquifer was found to flow to the west/northwest in Area 1-2 and generally to the east-southeast in Area 1-3. Based on this flow pattern, monitoring wells MW-1, MW-7, and NAB-7 are upgradient wells, and wells MW-2, MW-3, MW-4, MW-5, MW-6, NAB-2, NAB-3, NAB-4, NAB-8, MW-509D, MW-633D, MW-577, MW-689, CAO-1, CAO-2, and CAO-3 monitor the groundwater downgradient of the landfill.

Based on the principles of Darcian flow, the average linear velocity (groundwater flow rate) during the Third Quarter 2015 Assessment Monitoring event was calculated utilizing the following equation:

$$V_x = (K \cdot i) / n_e$$

where,

V_x is the average linear velocity (length/time),
 K is the hydraulic conductivity (length/time),
 i is the hydraulic gradient (length/length),
and n_e is the effective porosity (decimal).

The hydraulic gradient in the Area 1-2 portion of the Landfill was calculated by comparing upgradient well, MW-1R, to the most directly downgradient well, MW-5. The change in head of 70.99 feet between the two wells over a distance of approximately 1,432 feet produces a hydraulic gradient of 0.049 (ft/ft).

The hydraulic gradient in the Area 1-3 portion of the Landfill was calculated by comparing upgradient well, MW-1R, to the most directly downgradient well, NAB-2. The change in head of 81.37 feet between the two wells over a distance of approximately 693 feet produces a hydraulic gradient of 0.12 (ft/ft).

Grubbs, Garner, & Hoskyn, Inc. reported an average hydraulic conductivity of 1.0×10^{-3} cm/sec in the site's *Hydrogeologic and Geotechnical Report* (1987). This hydraulic conductivity for the uppermost aquifer was used to aid in the flow rate calculations. CRC utilized an estimated porosity for this report of 10 percent for dolomite bedrock (Freeze and Cherry, 1979). An effective porosity was then determined by multiplying the porosity by 0.90 (90 percent). Effective porosity is always equal to or less than the porosity and utilizing 90 percent is a conservative approach since part of the total porosity is occupied by static fluid held to the mineral surface by surface tension. The effective porosity determined was nine percent.

Area 1-2:

$$V_x = [(1.0 \times 10^{-3} \text{ cm/sec})(0.049)] / (0.09) = 5.44 \times 10^{-4} \text{ cm/sec or } 1.5 \text{ ft/day}$$

Area 1-3:

$$V_x = [(1.0 \times 10^{-3} \text{ cm/sec})(0.12)] / (0.09) = 1.3 \times 10^{-3} \text{ cm/sec or } 3.7 \text{ ft/day}$$

3.2 STATISTICAL EVALUATION

The historical data was first reviewed for anomalies or outliers using the statistical program SANITAS™ for Groundwater. There were no statistical outliers calculated for the Third Quarter 2015 event.

In addition to outlier analysis, parameter concentrations were plotted versus time for each of the parameters. These graphs are included in **APPENDIX E**. Graphs provide a summary of the historical data that are more easily visualized on graphs than tables. Another important application of these graphs is for detecting possible trends or drifts in the data from a given well. Furthermore, when visually comparing the plots of all the wells for a parameter, it is easy to identify the variability among the wells. This variability may be spatial or due to contamination from an off-site source.

An important consideration in any graphical presentation is whether the data is significantly influenced by seasonal changes. If this is the case, then the data should be adjusted for seasonal influences. In order to make such a determination, there should exist at least eight and preferably sixteen observations for each parameter. However, seasonal influences will likely be first suspected from visual observation of the data graphs discussed above. Based on the data generated thus far and as stated in previous reports, it is suspected that concentration levels are significantly influenced by the amount of precipitation and the timing of individual precipitation events in relation to sampling events.

The methods used to evaluate the groundwater data for statistically significant increases (SSIs) are based on statistical procedures outlined in the *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities (Unified Guidance, March 2009)* and ASTM D6312-98 *Standard Guide for Developing Appropriate Statistical Approaches for Groundwater Detection Monitoring Programs*. The SANITAS™ for Groundwater program was utilized to statistically evaluate the data for the Third Quarter 2015 sampling event. A brief description of the procedures used in the statistical evaluation is provided on each statistical plot (See **APPENDIX D**).

3.2.1 Sen's Slope/Mann-Kendall

When used in conjunction with one another, the Mann-Kendall test for temporal trend and the Sen's slope estimate are two types of Evaluation Monitoring Statistics useful in determining the significance of an apparent trend and to estimate the magnitude of that trend. Prior to performing prediction interval analysis, the Sen's Slope/Mann-Kendall was performed on all detected constituents from each well to determine whether a statistical trend is present in the data. The results of the Sen's Slope/Mann-Kendall plots associated with the Third Quarter 2015 sampling event are presented in **APPENDIX E**. A number of constituents presented a false trend due to a change in reporting limits. Only constituents with true statistical trends in detected concentrations are presented below:

Well	Significant decreasing trends	Significant increasing trends
CAO-1	cobalt, lead, manganese, nickel, sulfate, TOC, zinc	barium, chloride, iron
CAO-2	zinc	
CAO-3	lead	
MW-1R	manganese	
MW-2	arsenic	pH
MW-3	chloride, sulfate	barium, zinc
MW-4		chloride, sulfate, zinc
MW-5		chloride, sulfate, zinc
MW-6		sulfate, zinc
MW-7	barium, chloride	manganese, nickel
MW-509D	pH	chloride, iron, sulfate
MW-577	sulfate	chloride
MW-689D	pH	
MW-633D	lead, pH	
NAB-2	sulfate	barium, chloride, iron
NAB-3	pH	barium, chloride, iron, sulfate
NAB-4	pH	barium, zinc
NAB-7	pH, sulfate	barium, chloride, iron, zinc

3.2.2 Results of Assessment Monitoring Statistical Analyses

Confidence intervals are the recommended statistical strategy for assessment monitoring. The Groundwater Protection Standards (GWPS) utilized in the statistical evaluation are included in **TABLE 3**.

TABLE 3
Groundwater Protection Standards - Regulation 22.1205 (h)(I)

Compound	MCL **	RBSL ***
Total Arsenic	0.01 mg/l	
Total Barium	2 mg/l	
Total Cadmium	0.005 mg/l	
Total Cobalt	--	0.011 mg/l
Total Chromium	0.1 mg/l	--
Total Nickel	--	0.039 mg/l
Total Zinc	--	6 mg/l
Total Selenium	0.05 mg/l	
Tin	--	12mg/l
Silver	--	0.094 mg/l
Thallium	0.002 mg/l	
Vanadium	--	0.086 mg/l
Antimony	0.006 mg/l	
Beryllium	0.004 mg/l	
Copper	1.3 mg/l	
Lead	0.015 mg/l	
Benzene	5 ug/l	
Chloroethane (Ethyl Chloride)	--	21,000 ug/l
Vinyl Chloride	2 ug/l	
1,1-Dichloroethane	--	2.7 ug/l
cis-1,2-Dichloroethene (-ethylene)	70 ug/l	--
Tetrachloroethene (-ethylene)	5 ug/l	
1,4-dichlorobenzene	75 ug/l	
Methylene Chloride	5 ug/l	
Toluene	1,000 ug/l	
Trans 1,2-dichloroethylene	100 ug/l	
Xylene (Total)	10,000 ug/l	
Ethyl Benzene	700 ug/l	
Carbon Disulfide	--	810 ug/l
Chlorobenzene	100 ug/l	
Cyanide	200 ug/l	
Mercury	200 ug/l	
Trichloroethene (-ethylene)	5 ug/l	

* When Available the MCL will be used as the Groundwater Protection Standard.

** MCL = Maximum Contaminant Levels (current or proposed)

*** RBSL = Risk-Based Screening Level (EPA Region 6 Human Health Medium Specific Screening Level)
Residential Water (Residential Scenario: Ingestion and Inhalation)

Data evaluation consisted of the establishment of 95% Lower Confidence Limits (LCL), assuming that a minimum of four (4) background samples exist for each parameter and well detected during the Assessment Monitoring Program. If inadequate background data exists, sufficient background data will be collected to provide adequate sample size for statistical analysis. If the 95% LCL of one parameter exceeds action levels defined as Maximum Contaminant Levels (MCLs), if applicable, or a health-based alternate Groundwater Protection Standards (GWPS) as stipulated in Section 22.1205(d)(4), the site will conduct an Assessment of Corrective Measures in coordination with ADEQ.

Since the entire monitoring system is currently in the Assessment Monitoring Program, each detected volatile organic compound and metal parameter at each well or spring was evaluated utilizing the last 11 to 12 sampling events. This number of events was selected based on the interpretation that data population has been generally stable at each monitoring point over this time period. Data prior to these events varied substantially in some cases from the utilized data set. The statistical evaluation was conducted in accordance with recommended procedures found in the Unified Guidance. Confidence Interval statistical analysis was not performed for indicator parameters.

The results of the assessment monitoring statistical evaluations indicated the concentrations of the following parameters at the following wells, statistically exceeded the established Groundwater Protection Standards.

THIRD QUARTER 2015 GWPS EXCEEDANCES

MONITORING POINT	AMC CONSTITUENT
CAO-1	Arsenic and Cobalt
MW-1R	1,1-Dichloroethane, Arsenic, Nickel and Cobalt

The results of the Third Quarter 2015 Sampling Event indicate that AMC constituent concentrations statistically exceed the GWPS at sample points CAO-1 and MW-1R

The results of the confidence interval evaluation associated with the Third Quarter 2015 sampling event are presented in **APPENDIX E**. As discussed above, in accordance with Regulation 12.1205(d)(4), an *Assessment of Corrective Measures Report* (June 2015, Document 67822) was submitted to ADEQ for approval.

3.3 LABORATORY ANALYTICAL RESULTS

The analytical laboratory results for the Third Quarter 2015 Assessment Monitoring sampling event are summarized in **TABLE 4**. The Table presents a comparison of parameter concentrations from the current sampling event to the applicable Primary Drinking Water Standards-Maximum Contaminant Levels (MCLs) and Secondary Drinking Water Standards (SDWS). The SDWS are set primarily for aesthetic reasons and are generally not considered health-based criteria. Constituents covered by the SDWS are those which may adversely affect the aesthetic qualities of drinking water such as taste, odor, color, and appearance and are not federally enforced.

Primary Drinking Water Standard MCL exceedances noted for well samples consisted of arsenic at MW-1R and CAO-1 and vinyl chloride at CAO-1 (see **TABLE 4**) during the Third Quarter 2015 Assessment Monitoring event.

As shown in **TABLE 5**, Appendix 1 volatile organic compound (VOC) detections in well samples above the PQL consisted of the following:

- **MW-1R** - 1,1-dichloroethane and benzene
- **CAO-1** - 1,1-dichloroethane, benzene, and vinyl chloride
- **MW-633D** - 1,1-dichloroethane

Because VOCs are not naturally occurring, detected concentrations above the PQL are considered SSIs.

3.4 QUALITY ASSURANCE/QUALITY CONTROL RESULTS

A QA/QC comparison for the Third Quarter 2015 Assessment Monitoring event is presented in **TABLES 4** and **5**. There is little variability in the duplicate groundwater quality analysis for this sampling period with the exception of a “J” value detection reported for chromium and mercury at MW-6 but not in the duplicate sample. Similarly, a “J” value detection of iron was reported for the duplicate sample but not detected at MW-6. The field, trip and equipment blanks had no VOC detections during the Third Quarter 2015 Assessment Monitoring event.

TABLE 4
INORGANIC GROUNDWATER QUALITY RESULTS

WELL ID	Mn (mg/L)	Ni (mg/L)	Se (mg/L)	Ag (mg/L)	SO ₄ (mg/L)	TI (mg/L)	V (mg/L)	Cyanide (mg/L)
MW-1R	0.442	0.0824	<0.002	<0.002	21	0.00223	0.000572	<0.005
MW-2	0.0112	0.000659	<0.002	<0.002	17.7	<0.002	0.00176	<0.005
MW-3	1.8	0.0532	<0.002	<0.002	1.95 J	<0.002	0.00140 J	<0.005
MW-4	0.00188 J	0.00193 J	<0.002	<0.002	15.6	<0.002	0.00116	<0.005
MW-5	0.00541	0.002	<0.002	<0.002	7.53	<0.002	0.0012 J	<0.005
MW-6	0.000683 J	0.000699 J	<0.002	<0.002	8.02	<0.002	0.00105 J	<0.005
Dupe (MW-6)	0.000755 J	0.000767 J	<0.002	<0.002	8.12	<0.002	0.000488 J	<0.005
MW-7	0.0802	0.00239	<0.002	<0.002	7.19	<0.002	0.00109 J	1.96
CAO-1	2.0	0.0357	<0.002	<0.002	9.3	<0.002	0.00168 J	<0.005
CAO-2	16.6	0.0307	<0.002	<0.002	1.14 J	0.000498 J	0.00105 J	<0.005
CAO-3	0.0125	0.00190 J	<0.002	<0.002	4.73	<0.002	0.00113 J	0.0024 J
NAB-1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
NAB-2	0.0224	0.00626	<0.002	<0.002	14.1	<0.002	0.00128 J	<0.005
NAB-3	0.0114	0.00194 J	<0.002	<0.002	12.1	<0.002	0.000997 J	<0.005
NAB-4	0.00806 J	0.0147	<0.002	<0.002	34.7	0.000552 J	0.001 J	<0.005
NAB-7	0.00846	0.0074	<0.002	<0.002	27.9	<0.002	0.001 J	0.0036 J
NAB-8	0.00491	<0.0020	<0.002	<0.002	9.96	<0.002	0.00122 J	0.007
MW-509D	0.00757	0.00276	<0.002	<0.002	13.9	<0.002	0.00283 J	<0.005
MW-633D	0.00295 J	0.00152 J	<0.002	<0.002	11.4	<0.002	0.00126 J	<0.005
MW-577	0.00532	0.00137	<0.002	<0.002	22.8	<0.002	0.0011 J	<0.005
MW-689D	0.0175	0.00141 J	<0.002	<0.002	13.7	<0.002	0.00177 J	<0.005
NE-2	0.066	0.0121	0.000455 J	<0.002	1180	<0.002	0.00151 J	<0.005
NE-3	0.0494	0.00337	<0.002	<0.002	12.2	<0.002	0.000763 J	<0.005
NE-6	0.00611	0.00475	<0.002	<0.002	29	<0.002	0.000318 J	<0.005
Spring A	0.0795	0.000474 J	<0.002	<0.002	4.26 J	<0.002	0.000599 J	<0.005
Spring B	0.0742	0.00819	<0.002	<0.002	4.45 J	<0.002	0.000798 J	0.0039 J
TSP-3	1.34	0.004	<0.002	<0.002	3.150 J	<0.002	0.000535 J	<0.005
TSP-4	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
SP-NE-3	0.0149	0.00167 J	<0.002	<0.002	7.2	<0.002	0.00207 J	<0.005
Class I Draw Sp	0.149	0.00393	<0.002	<0.002	3.07	<0.002	0.00186 J	<0.005
Class IV Draw Sp	3.68	0.00589	<0.002	<0.002	34.7	<0.002	0.0018 J	<0.005
SP-7	0.525	0.00205	<0.002	<0.002	3.95	<0.002	0.00112 J	<0.005
Landfill Ent Seep	0.547	0.00193 J	<0.002	<0.002	2.13 J	<0.002	0.00128 J	<0.005
Field Blank	<0.005	<0.002	<0.002	<0.002	<5	<0.002	0.00039 J	<0.005
LEACHATE	1.46	0.0396	0.000511 J	<0.002	1.76	<0.002	0.000864 J	<0.005
EPA Standards	0.05**	---	0.05*	0.1**	250**	0.002*	---	

*Primary Drinking Water Standard-Maximum Contaminant Level (MCL) **Secondary Drinking Water Standard (SDWS)

"J" Value= estimated concentration above the MDL but below the PQL

Values in **bold** exceed applicable EPA Standards.

DNS = Did Not Sample

TABLE 4 (CONT'D)
INORGANIC GROUNDWATER QUALITY RESULTS

WELL ID	Sb (mg/L)	As (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cl (mg/L)	Cr (mg/L)	Co (mg/L)	Hg (mg/L)
MW-1R	<0.002	0.0492	0.165	<0.002	0.000225 J	121	0.00131 J	0.0761	0.000231
MW-2	<0.002	0.0055	0.0281	<0.002	<0.001	4.82	0.000569 J	<0.010	<0.0002
MW-3	0.000227 J	0.00612	0.0723	<0.002	0.00108	5.56	0.000775 J	0.00542	<0.0002
MW-4	<0.002	0.00126 J	0.0343	<0.002	0.000811 J	7.08	0.0017 J	<0.010	<0.0002
MW-5	<0.002	0.00147 J	0.034	<0.002	<0.001	5.67	0.00137 J	<0.0020	<0.0002
MW-6	<0.002	0.00126 J	0.0459	<0.002	0.000321 J	16.6	0.000618 J	<0.0020	0.0000942 J
Dupe (MW-6)	<0.002	0.00107 J	0.044	<0.002	0.000429 J	16.7	<0.002	<0.0020	<0.0002
MW-7	<0.002	0.00129 J	0.0374	<0.002	<0.001	1.96	0.000637 J	0.000891 J	<0.0002
CAO-1	<0.002	0.0328	0.284	0.000167 J	<0.001	123	0.000785 J	0.0219	<0.0002
CAO-2	<0.002	0.00284	0.0874	<0.002	0.00111	58.1	0.0008	0.00277	0.0000809
CAO-3	<0.002	0.00101	0.0435	<0.002	0.000791 J	20.5	0.000634 J	<0.0020	<0.0002
NAB-1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
NAB-2	<0.002	0.00352	0.0344	<0.002	<0.001	5.27	0.0017 J	<0.0020	<0.0002
NAB-3	<0.002	0.00129 J	0.0392	<0.002	0.000328 J	5.08	0.00128 J	<0.0020	<0.0002
NAB-4	0.000383 J	0.00362	0.0495	<0.002	0.00134	4.05	0.0011 J	0.000877 J	<0.0002
NAB-7	<0.002	0.0049	0.0234	<0.002	<0.001	3.08	0.000696 J	0.000963 J	<0.0002
NAB-8	<0.002	0.00588	0.0327	<0.002	0.000213 J	1.92	<0.002	<0.0020	<0.0002
MW-509D	<0.002	0.00157 J	0.0321	<0.002	0.0048	6.2	0.00309	<0.0020	<0.0002
MW-633D	<0.002	0.00136 J	0.0395	<0.002	0.0146	9.42	0.00117 J	<0.0020	<0.0002
MW-577	<0.002	0.0021	0.0243	<0.002	<0.001	8.45	0.000694 J	<0.0020	<0.0002
MW-689D	<0.002	0.0019 J	0.0396	<0.002	<0.001	2.43	0.00139 J	<0.0020	<0.0002
NE-2	0.000336 J	0.00392	0.0199	<0.002	<0.001	30.6	0.00143 J	0.00266	<0.0002
NE-3	<0.002	0.00229	0.142	<0.002	<0.001	6.56	<0.002	0.00117 J	<0.0002
NE-6	<0.002	0.00127 J	0.0289	<0.002	0.000251 J	2.36	0.000755 J	0.000337 J	<0.0002
Spring A	<0.002	0.00131 J	0.0327	<0.002	0.000165 J	1.86	<0.002	0.000369 J	<0.0002
Spring B	<0.002	0.00175 J	0.0931	<0.002	<0.001	109	<0.002	0.000710 J	<0.0002
TSP-3	<0.002	0.00159 J	0.129	<0.002	0.000348 J	6.69	<0.002	0.0023 J	<0.0002
TSP-4	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
SP-NE-3	<0.002	0.0013 J	0.0303	<0.002	<0.001	11.3	0.000759 J	0.000275 J	<0.0002
Class I Draw Sp	<0.002	0.0029	0.0426	<0.002	<0.001	337	<0.002	0.000864 J	<0.0002
Class IV Draw Sp	<0.002	0.00401	0.0996	<0.002	0.00319	13.6	<0.002	0.00595	<0.0002
SP-7	<0.002	0.00503	0.0526	<0.002	<0.001	11.7	<0.002	0.00146 J	<0.0002
Landfill Ent Seep	<0.002	0.00327	0.0747	<0.002	<0.001	14.3	<0.002	0.00106	<0.0002
Field Blank	<0.002	0.000693 J	<0.005	<0.002	<0.001	0.182	<0.002	<0.002	<0.0002
LEACHATE	0.000707 J	0.00521	3.61	<0.002	<0.001	655	0.00168 J	0.00543	<0.0002
EPA Standards	0.006*	0.01*	2*	0.004*	0.005*	250**	0.1*	---	

*Primary Drinking Water Standard-Maximum Contaminant Level (MCL)

**Secondary Drinking Water Standard (SDWS)

"J" Value= estimated concentration above the MDL but below the PQL

Values in **bold** exceed applicable EPA Standards. DNS = Did Not Sample

TABLE 4 (CONT'D)
INORGANIC GROUNDWATER QUALITY RESULTS

WELL ID	Cu (mg/L)	Fe (mg/L)	Pb (mg/L)	Zn (mg/L)	TDS (mg/L)	Sn (mg/L)	TOC (mg/L)	pH (SU)
MW-1R	0.00108 J	134	0.00149 J	1.49	978	0.00036 J	12.5	6.38
MW-2	<0.005	<0.1	0.000841	<0.025	365	0.000409	1.54	7.34
MW-3	0.0011 J	3.85	0.000709 J	0.0804	525	0.000367 J	8.26	6.43
MW-4	<0.005	<0.1	0.000391 J	0.0967	396	0.000323 J	1.31	7.18
MW-5	0.000749 J	0.117	0.000865 J	0.0304	431	0.000389 J	1.59	7.27
MW-6	0.00194 J	<0.1	0.000342 J	0.0427	440	0.000426 J	2.65	7.33
Dupe (MW-6)	0.00142 J	0.0178 J	0.0133 J	0.0409	437	0.000342 J	1.82	7.33
MW-7	0.00266 J	0.0429 J	0.0016 J	0.00556 J	341	0.000433 J	1.48	7.24
CAO-1	0.00505	26.5	0.000473 J	0.0109 J	696	0.00153	14	6.14
CAO-2	0.00133	0.136	0.00122	0.0266	445	0.000644 J	6.32	6.71
CAO-3	0.0116	0.0269 J	0.00123 J	0.0188 J	289	0.00042 J	2.51	7.20
NAB-1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
NAB-2	<0.005	0.19	0.0029	0.0566	433	0.000491 J	2.02	7.21
NAB-3	0.00128 J	<0.1	0.00154 J	0.1	397	0.000375 J	2.17	7.18
NAB-4	0.000904 J	<0.1	0.000624 J	0.66	466	0.000369 J	1.97	6.99
NAB-7	<0.005	0.262	0.00579	0.051	384	0.000354 J	1.44	7.20
NAB-8	0.000957 J	<0.1	0.000346 J	<0.025	358	0.000428 J	9.86	8.01
MW-509D	0.00102 J	0.497	0.00164 J	0.415	373	0.000441 J	1.53	7.07
MW-633D	0.00101 J	0.0274 J	0.00208	0.257	425	0.000437 J	1.97	7.10
MW-577	0.000881 J	0.127	0.00103 J	0.00346 J	398	0.000372 J	3.17	7.27
MW-689D	0.00114 J	0.296	0.002	0.00573 J	395	0.000333 J	1.19	7.19
NE-2	0.00157 J	0.989	0.00209	0.156	2070	0.000606	23	7.93
NE-3	0.000772 J	0.151	0.00143 J	0.0362	326	0.000396 J	1.37	8.21
NE-6	<0.005	0.0514 J	0.000834 J	0.623	414	0.000351	1.2	7.08
Spring A	0.00142 J	0.248	0.00113 J	0.014 J	279	<0.002	1.9	8.01
Spring B	0.00205 J	0.0886 J	0.00128 J	0.00637 J	631	0.000367 J	8.19	8.15
TSP-3	0.000756 J	0.294	0.000858 J	0.01 J	417	<0.002	4.58	8.02
TSP-4	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
SP-NE-3	0.00122 J	0.595	0.00257	0.0222 J	248	<0.002	2.14	7.49
Class I Draw Sp	0.00201	1.12	0.00287	0.00874 J	209	0.000373 J	6.1	8.36
Class IV Draw Sp	0.00162 J	3.92	0.00896	0.1	337	<0.002	6.29	7.94
SP-7	0.00127 J	2.36	0.00213	0.000564 J	210	0.000346 J	3.78	8.28
Landfill Ent Seep	0.000951 J	1.19	0.00209	0.00686 J	305	<0.002	3.39	7.96
Field Blank	<0.005	<0.1	0.00109 J	<0.025	25	0.000332 J	0.13 J	NA
LEACHATE	0.00216 J	20.2	0.00108 J	0.0249 J	1620	0.00449	58.4	6.78
EPA Standards	1.3*	0.3**	0.015*	5**	500**	---	---	6.5-8.5**

*Primary Drinking Water Standard-Maximum Contaminant Level (MCL)

**Secondary Drinking Water Standard (SDWS)

"J" Value= estimated concentration above the MDL but below the PQL

Values in **bold** exceed applicable EPA Standards.

DNS = Did Not Sample

TABLE 5
VOLATILE ORGANIC GROUNDWATER QUALITY RESULTS

WELL ID	Benzene (ug/L)	CIethane (ug/L)	1,1- DCE (ug/L)	cisDCEE (ug/L)	Clbenzene (ug/L)	1,4- DCB (ug/L)	1,2- DCE (ug/L)	1,1- DCEE (ug/L)	TCE (ug/L)	VC (ug/L)	Acetone (ug/L)
MW-1R	1.23	<5	<1	<1	1.08	2.07	0.422 J	<1	1.18	2.0	<50
MW-2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-3	<1	<5	0.622 J	<1	<1	<1	<1	<1	<1	<1	<50
MW-4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-6	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Dupe (MW-6)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-7	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
CAO-1	2.84	<5	3.55	0.873 J	0.649 J	0.697 J	<1	<1	<1	2.17	<50
CAO-2	<1	<5	0.796 J	<1	<1	<1	<1	<1	<1	<1	<50
CAO-3	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NAB-1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
NAB-2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NAB-3	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NAB-4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NAB-7	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NAB-8	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-509D	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-577	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-633D	<1	<5	1.55	0.367 J	<1	<1	<1	<1	<1	<1	<50
MW-689D	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NE-2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NE-3	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NE-6	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Spring A	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Spring B	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
TSP-3	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
TSP-4	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
SP-NE-3	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Class I Draw Sp	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Class IV Draw Sp	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
SP-7	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Landfill Ent Seep	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Field Blank	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Trip Blank	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
Equipment Blank	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
LEACHATE	<1	<5	<1	<1	<1	0.753 J	<1	<1	<1	<1	<50
EPA Standards	5	---	---	70	75	75			5	2	---

EPA standards depicted above are Primary Drinking Water Standard MCLs.

"J" Value= estimated concentration above the MDL but below the PQL

Values in **bold** exceed applicable EPA Standards.

DNS = Did Not Sample

4.0 CONCLUSION

Based on the results of the Third Quarter 2015 Assessment Monitoring and analytical testing, CRC reached the following conclusions:

Groundwater Flow:

- ◆ **FIGURE 2** represents a potentiometric surface map constructed from water levels measured during the Third Quarter 2015 Assessment Monitoring event. As indicated, groundwater within the uppermost aquifer was found to flow in a west-northwesterly direction in the Area 1-2 portion of the site. This flow relationship is consistent with the flow direction indicated by historical water level measurements. The groundwater flow direction in the Area 1-3 portion of the site is to the east-southeast. The average linear velocity in Area 1-2 is estimated at 5.44×10^{-4} cm/sec or 1.5 ft/day. The average linear velocity in Area 1-3 is estimated at 1.3×10^{-3} cm/sec or 3.7 ft/day.

Analytical Results:

- Monitoring wells NAB-8, NE-2, and NE-3 went dry during purging (at approximately 2, 0.5, and 5 gallons respectively) and were slow to recharge. Subsequently, the samples had a higher turbidity which likely affected the analytical results for several parameters. These wells have historically shown poor yield and may need to be replaced.
- A QA/QC comparison for the Third Quarter 2015 Assessment Monitoring event is presented in **TABLES 4** and **5**. There is little variability in the duplicate groundwater quality analysis for this sampling period with the exception of a “J” value detection reported for chromium and mercury at MW-6 but not in the duplicate sample. Similarly, a “J” value detection of iron was reported in the duplicate sample but not detected in MW-6. The field, trip and equipment blanks had no VOC detections during the Third Quarter 2015 Assessment Monitoring event.
- Primary Drinking Water Standard MCL exceedances noted for well samples consisted of arsenic at MW-1R and CAO-1 and vinyl chloride at CAO-1 (see **TABLE 4**) during the Third Quarter 2015 Assessment Monitoring event.
- As shown in **TABLE 5**, Appendix 1 volatile organic compound (VOC) detections in well samples above the PQL consisted of the following:
 - **MW-1R** - 1,1-dichloroethane and benzene
 - **CAO-1** - 1,1-dichloroethane, benzene, and vinyl chloride
 - **MW-633D** - 1,1-dichloroethane

Statistical Evaluation:

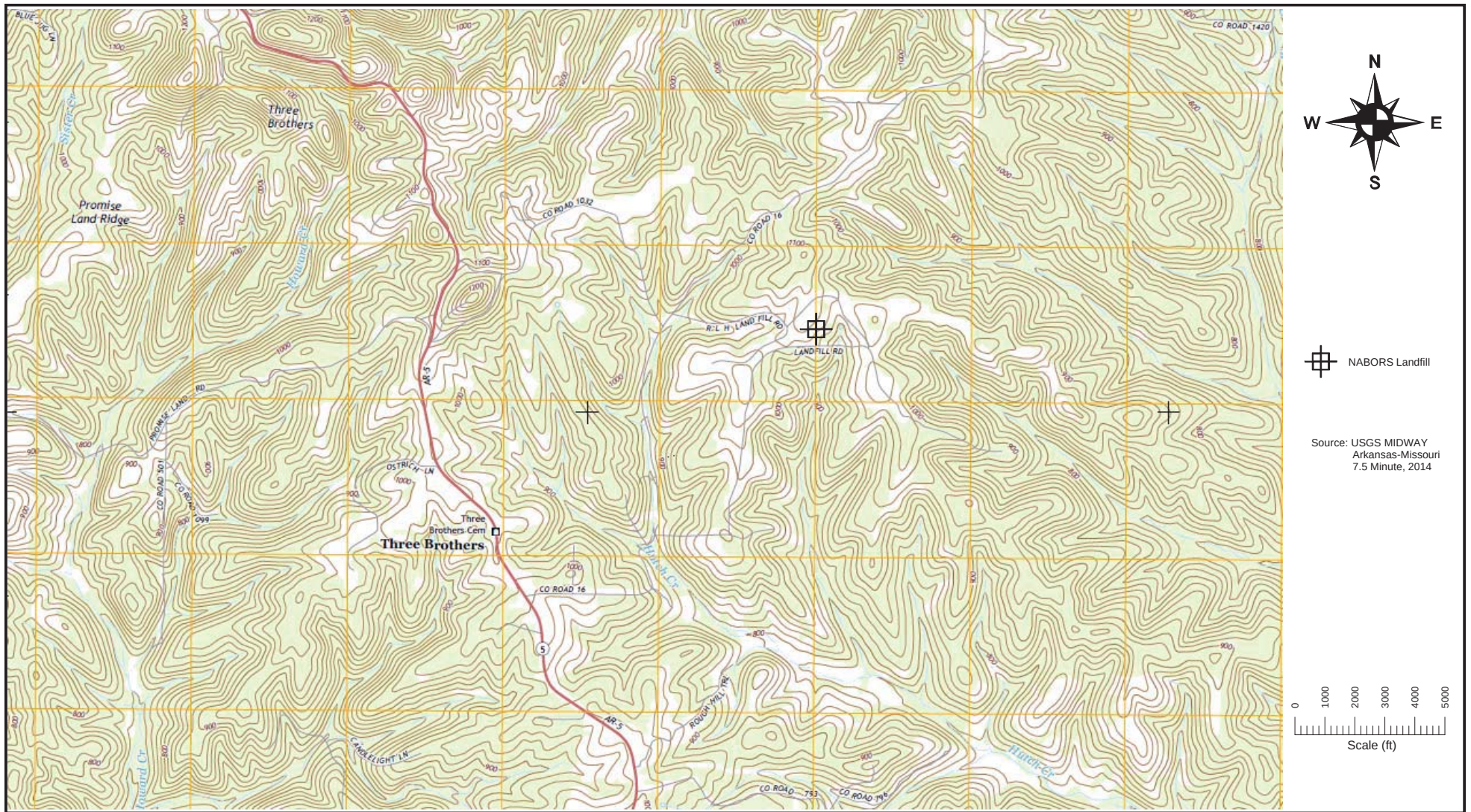
- *The results of the assessment monitoring statistical evaluations indicated the concentrations of the following parameters at the following wells, statistically exceeded the established groundwater protection standards (TABLE 3).*

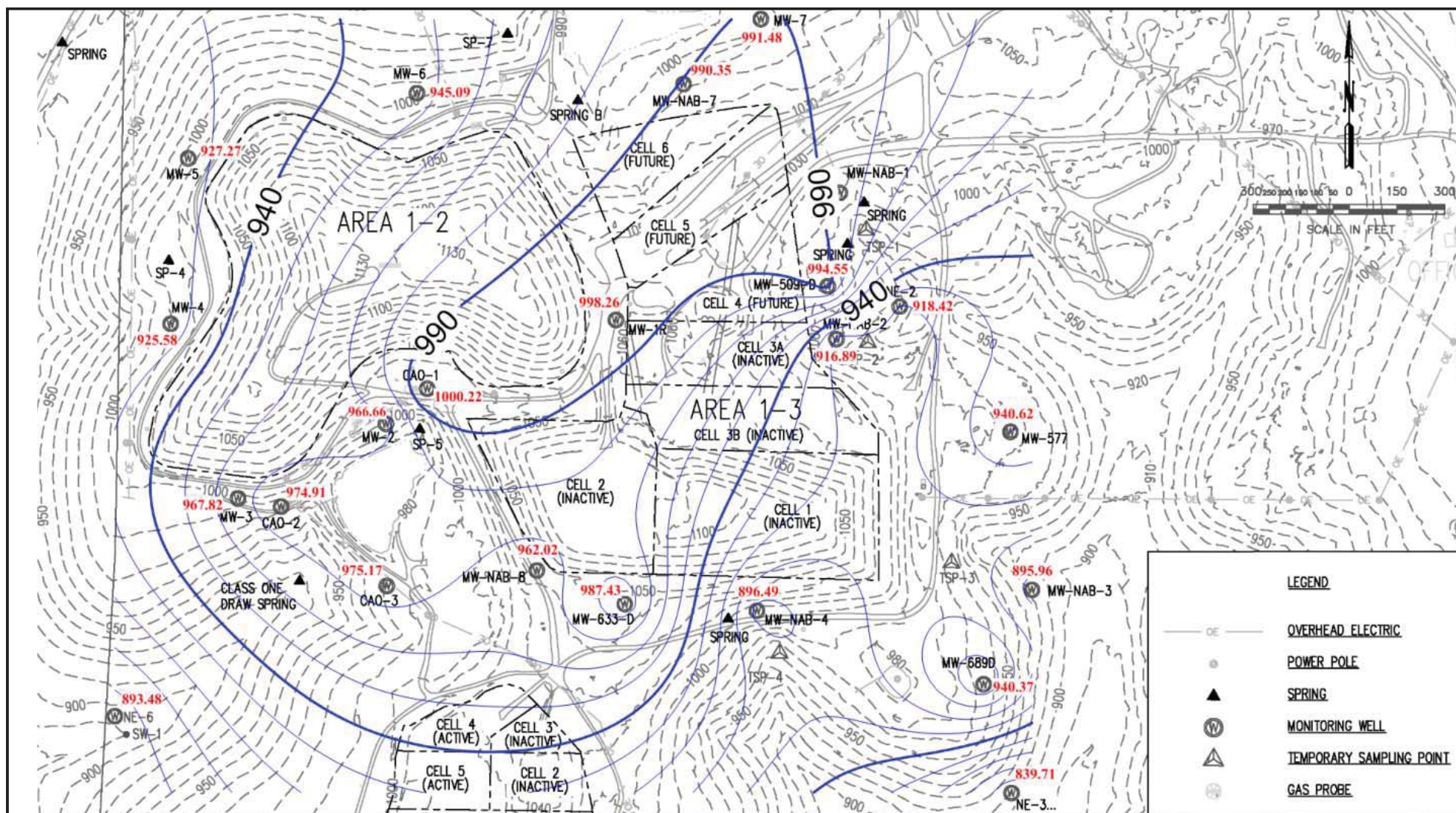
MONITORING POINT	AMC CONSTITUENT
CAO-1	Arsenic and Cobalt
MW-1R	1,1-Dichloroethane, Arsenic, Nickel and Cobalt

- *The results of the Third Quarter 2015 Sampling Event indicate that AMC constituent concentrations statistically exceed the GWPS at sample points CAO-1 and MW-1R*
- *In accordance with Regulation 12.1205(d)(4), an Assessment of Corrective Measures Report (June 2015, Document 67822) was submitted to ADEQ for approval.*
- *The next quarterly sampling event is scheduled for December 2015.*

APPENDIX A

FIGURES





POTENTIOMETRIC MAP - 3RD QUARTER 2015 NABORS LANDFILL FACILITY

BAXTER COUNTY

ARKANSAS

FIGURE
2

Date: 10/5/15

By: RWF

APPENDIX B

GROUNDWATER SAMPLING RECORDS

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. MW-1RSampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? NOWell Depth 78.55DTW (from TOC) 69.31Volume H2O in well 1.5**Other Information**

Grundfos-pump: Sunny 15 mph wind 76°F. Start Purging at 1338

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1341	1.5	6.50	17.3	1.39	14.7	291.4	>1000
	1343	3.0	6.39	17.7	1.86	7.1	2904	>1000
	1345	4.5	6.38	18.1	2.19	-1.5	2853	296
	1348	6.0	6.40	18.5	2.33	-7.0	2846	122
	1353	9.0	6.42	18.9	2.53	-14.3	2855	32.6
	1358	13.0	6.41	19.0	2.56	-17.0	2830	50.8
	1416	18.0	6.38	18.7	2.85	-14.6	2860	10.4

Sampling Date & Time 9/15/2015 @ 1416

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. MW-2Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 49.10DTW (from TOC) 34.55Volume H2O in well 2.3**Other Information**

Grundfos-pump; 76°F, Sunny, 5 mph wind. Start purging @ 1435

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1440	2.5	7.58	17.0	0.74	19.6	1035	7.02
	1443	5.0	7.42	17.2	0.49	1.1	1099	2.19
	1446	7.5	7.34	17.4	0.41	-6.5	115	1.18

Sampling Date & Time 9/15/2015 @ 1446**Notes**

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. MW-3Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 34.6 ftDTW (from TOC) 26.66Volume H2O in well 1.2 gal**Other Information**

Grundfos-pump; 5 mph wind. Sunny 75°F Start purging @ 1200

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1206	1.0	7.06	16.9	2.0	6.6	1583	44.8
	1208	2.0	6.58	16.9	1.26	8.4	1575	2.68
	1210	3.0	6.43	17.7	1.16	5.1	1602	1.07

Sampling Date & Time 9/15/15 @ 1210**Notes**

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. MW-4Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 100.60 ftDTW (from TOC) 86.58Volume H2O in well 2.2**Other Information**

Grundfos-pump; 5 mph wind. Sunny 78°F Start purging @ 1255

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1259	2.5	7.38	17.2	5.18	31.1	1172	234
	1303	5.0	7.35	18.3	5.20	17.2	1173	58.6
	1308	7.5	7.31	18.4	5.34	13.1	1159	43.8
	1313	10.0	7.33	18.7	5.62	9.5	1163	22.3
	1317	12.5	7.18	17.3	5.26	18.2	1163	6.04

Sampling Date & Time 9/15/15 @ 1317**Notes**

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. MW-5Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 89.75 ftDTW (from TOC) 77.11Volume H2O in well 2.0**Other Information**

Grundfos-pump; 5 mph wind. Sunny 80°F Start purging @ 1522

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1524	2.0	7.59	16.1	5.37	46.9	1263	13.1
	1526	4.0	7.37	16.4	5.12	36.8	1299	17.2
	1529	6.0	7.28	16.5	4.90	18.5	1299	13.2
	1531	8.0	7.27	16.5	4.79	10.1	1293	6.69

Sampling Date & Time 9/15/15 @ 1531**Notes**

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. MW-6Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 68.90 ftDTW (from TOC) 55.29Volume H2O in well 2.2**Other Information**

Grundfos-pump; 5 mph wind. Sunny 85°F Start purging @ 1550

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1557	2.5	7.46	14.9	1.00	37.4	1323	4.67
	1559	5.0	7.37	15.3	0.94	33.1	1323	3.83
	1601	7.5	7.33	15.4	0.82	27.6	1325	2.46

Sampling Date & Time 9/15/2015 @ 1601Notes FB @ 1610; Dupe @ 1605; EB @ 1615; TB @ 1620.

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. MW-7Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 23.0 ftDTW (from TOC) 8.18Volume H2O in well 2.4**Other Information**

Grundfos-pump; 5 mph wind. Sunny 80°F Start purging @ 1632

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1637	2.5	7.59	17.7	3.22	18.9	1016	3.58
	1639	5.0	7.38	17.8	1.96	18.8	1021	2.32
	1641	7.5	7.24	17.4	1.67	15.5	1016	1.93

Sampling Date & Time 9/15/15 @ 1641**Notes**

Field Groundwater Sampling Record

Facility NABORSDate 9/16/2015Well No. CAO-1Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 37.0 ftDTW (from TOC) 26.18Volume H2O in well 1.7 gal**Other Information**

Grundfos-pump; 5 mph wind. Sunny 75°F Start purging @ 955

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/16/2015	1003	2.0	6.27	16.4	1.16	6.5	2072	9.40
	1005	4.0	6.14	16.5	1.05	3.2	2153	2.11
	1007	6.0	6.14	16.5	1.04	-4.3	2252	1.12

Sampling Date & Time 9/16/15 @ 1007

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. CAO-2Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 39.65 ftDTW (from TOC) 23.89Volume H2O in well 2.5**Other Information**

Grundfos-pump; 5 mph wind. Sunny 75°F Start purging @ 1140

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1145	2.5	6.94	17.0	0.80	61.3	1380	41.2
	1147	5.0	6.77	17.2	0.66	58.0	1386	9.97
	1150	7.5	6.71	17.3	0.60	54.4	1393	4.71

Sampling Date & Time 9/15/15 @ 1150

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. CAO-3Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 23.0 ftDTW (from TOC) 9.03Volume H2O in well 2.2**Other Information**

Grundfos-pump; 5 mph wind. Sunny 75°F Start purging @ 1123

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1126	2.5	7.37	20.1	0.75	50.3	860	13.9
	1128	5.0	7.26	20.2	0.53	39.5	860	2.76
	1130	7.5	7.20	20.3	0.45	33.1	859	2.13

Sampling Date & Time 9/15/2015 @ 1130

Notes

Field Groundwater Sampling Record

Facility NABORS Date 9/16/2015 Well No. NAB-1
Sampling Personnel Darren Motley
Casing Diameter 2.0" Condition of well o.k. Locked? Yes
Well Depth 100.0 ft DTW (from TOC) Volume H2O in well
Other Information

DID NOT SAMPLE; well damaged about 68 ft down.

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)

Sampling Date & Time
Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/16/2015Well No. NAB-2Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? NOWell Depth 93.0 ftDTW (from TOC) 77.09Volume H2O in well 2.5**Other Information**

Grundfos-pump. Sunny 70°F, 5 mph wind. Start purging @ 0820

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/16/2015	826	2.5	7.46	16.0	2.77	14.9	1220	82.6
	828	5.0	7.27	16.3	1.83	6.5	1279	23.1
	830	7.5	7.22	16.5	0.87	-7.6	1279	43.6
	834	10.0	7.21	17.9	0.56	-20.8	1337	8.67

Sampling Date & Time 9/16/2015 @ 834

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. NAB-3Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 47.0 ftDTW (from TOC) 25.53Volume H2O in well 3.4**Other Information**

Grundfos-pump; 5 mph wind. Sunny 65°F Start purging @ 836

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	844	3.5	7.12	15.9	1.23	26.2	1268	225
	848	7.0	7.11	15.2	1.85	21.1	1243	49.8
	852	10.5	7.19	15.1	1.73	16.9	1242	32.2
	900	14.0	7.21	16.4	7.13	20.2	1230	16.5
	902	15.5	7.18	16.3	6.83	22.7	1241	7.85

Sampling Date & Time 9/15/2015 @ 902

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. NAB-4Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 132.0DTW (from TOC) 107.71Volume H2O in well 3.9**Other Information**

Grundfos-pump; 5 mph wind. Sunny 70°F Start purging @ 950

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	955	4.0	7.09	18.3	1.51	36.2	1344	69.8
	959	8.0	7.06	17.4	1.19	29.3	1377	122
	1004	12.0	6.98	17.8	0.77	28.7	1362	19.1
	1010	16.0	6.99	18.1	0.60	27.4	1361	8.6

Sampling Date & Time 9/15/2015 @ 1010

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. NAB-7Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 44.0 ftDTW (from TOC) 22.01Volume H2O in well 3.5**Other Information**

Grundfos-pump; 10 mph wind. Sunny 85°F Start purging @ 1700

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1704	3.5	7.39	16.2	0.81	22.3	1140	24.6
	1707	7.0	7.23	16.2	0.95	14.0	1143	4.79
	1710	10.5	7.20	16.3	2.64	11.3	1138	2.21

Sampling Date & Time 9/15/2015 @ 1710

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. NAB-8Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 95.0 ftDTW (from TOC) 77.19Volume H2O in well 2.9**Other Information**

Grundfos-pump; Sunny 60°F, 15 mph wind.

Sampled with bailer

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	728	2.0	5.79	15.4	3.23	123.6	1179	4.45
		Dry @ 2.0						
9/16/2015	630		8.01	16.1	3.76	156.6	1124	6.03

Sampling Date & Time 9/16/15 @ 0630**Notes**

Field Groundwater Sampling Record

Facility NABORS **Date** 9/16/2015 **Well No.** MW-509D
Sampling Personnel Darren Motley
Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes
Well Depth 39.65 ft **DTW (from TOC)** 19.65 **Volume H2O in well** 3.2

Other Information

Grundfos-pump; 5 mph wind. Sunny 75°F. Start purging @ 8.47

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/16/2015	904	3.5	7.16	16.8	4.46	16.1	1123	123
	920	7.0	7.46	17.5	5.56	12.5	1125	>1000
	930	10.5	7.15	19.6	6.72	9.8	1127	201
	945	14.0	7.07	19.9	6.77	14.8	1126	15.8

Sampling Date & Time 9/16/15 @ 945

Notes

Field Groundwater Sampling Record

Facility NABORS **Date** 9/16/2015 **Well No.** MW-577
Sampling Personnel Darren Motley
Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes
Well Depth 55.6 ft **DTW (from TOC)** 41.98 **Volume H2O in well** 2.2
Other Information
 Grundfos-pump; 5 mph wind. Sunny 65°F Start purging @ 755

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/16/2015	801	2.5	7.59	15.7	1.19	-47.5	1262	38.4
	803	5.0	7.40	15.7	0.54	-35.2	1249	17.5
	805	7.5	7.27	15.8	0.44	-27.1	1250	8.71

Sampling Date & Time 9/16/15 @ 805

Notes

Field Groundwater Sampling Record

Facility NABORS **Date** 9/15/2015 **Well No.** MW-633D
Sampling Personnel Darren Motley
Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes
Well Depth 87.92 ft **DTW (from TOC)** 62.67 **Volume H2O in well** 4.1
Other Information
 Grundfos-pump; 5 mph wind. Cloudy 75°F Start purging @ 1048

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1056	4.0	7.21	17.5	2.72	46.7	1315	133
	1100	8.0	7.08	17.6	2.62	36.9	1313	23.6
	1106	12.0	7.10	18.0	2.68	29.5	1313	8.66

Sampling Date & Time 9/15/15 @ 1106

Notes

Field Groundwater Sampling Record

Facility NABORS **Date** 9/15/2015 **Well No.** MW-689D
Sampling Personnel Darren Motley
Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes
Well Depth 44.45 ft **DTW (from TOC)** 25.83 **Volume H2O in well** 3.0
Other Information
 Grundfos-pump; 5 mph wind. Sunny 65°F Start purging @ 919

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	923	3.0	7.23	16.7	0.61	28.2	1219	74.5
	927	6.0	7.25	16.9	0.46	15.4	1221	15.4
	932	9.0	7.19	17.0	0.41	14.1	1227	9.7

Sampling Date & Time 9/15/15 @ 932

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. NE-2Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 64.0 ftDTW (from TOC) 58.56Volume H2O in well 0.8**Other Information**

Disposable Bailer; Sunny 65°F

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	739	0.5	6.40	14.8	3.67	111.7	4709	3.06
9/16/2015	652		7.93	15.3	4.36	121.9	4301	109

Sampling Date & Time 9/16/2015 @ 652

Notes

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. NE-3Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 27.7 ftDTW (from TOC) 7.20Volume H2O in well 3.3**Other Information**

Grundfos-pump; 5 mph wind. Sunny 65°F

Sampled with a bailer

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	812	3.5	7.25	18.5	1.44	18.6	1123	188
		Dry @ 5.0						
9/16/2015	712		8.21	17.6	2.44	72.6	1127	22.5

Sampling Date & Time 9/16/2015 @ 712**Notes**

Field Groundwater Sampling Record

Facility NABORSDate 9/15/2015Well No. NE-6Sampling Personnel Darren MotleyCasing Diameter 2.0"Condition of well o.k.Locked? YesWell Depth 18.15 ftDTW (from TOC) 7.94Volume H2O in well 1.6

Other Information

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
9/15/2015	1229	2.0	7.14	18.1	0.62	8.4	1198	11.9
	1232	4.0	7.22	18.7	1.56	2.0	1203	6.79
	1235	6.0	7.08	19.6	0.56	2.1	1212	5.68

Sampling Date & Time 9/15/2015 @ 1235

Notes

APPENDIX C

LABORATORY ANALYTICAL RESULTS

Chimney Rock Consulting

Sample Delivery Group: L789188

Samples Received: 09/17/2015

Project Number:

Description: Nabors Landfill

Report To:

Stacie Whitmer

7529 Counts Massie Road

North Little Rock, AR 72113

Entire Report Reviewed By:



Mark W. Beasley

Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



¹ Cp: Cover Page	1
² Tc: Table of Contents	2
³ Ss: Sample Summary	4
⁴ Cn: Case Narrative	13
⁵ Sr: Sample Results	14
MW-2 L789188-01	14
MW-3 L789188-02	16
MW-4 L789188-03	18
MW-5 L789188-04	20
MW-6 L789188-05	22
MW-7 L789188-06	24
CAO-1 L789188-07	26
CAO-2 L789188-08	28
CAO-3 L789188-09	30
NAB-2 L789188-10	32
NAB-3 L789188-11	34
NAB-4 L789188-12	36
NAB-7 L789188-13	38
NAB-8 L789188-14	40
MW-509D L789188-15	42
MW-577 L789188-16	44
MW-689D L789188-17	46
MW-633D L789188-18	48
NE-2 L789188-19	50
NE-3 L789188-20	52
NE-6 L789188-21	54
MW-1R L789188-22	56
TSP-3 L789188-23	58
SP-7 L789188-24	60
SPRING-A L789188-25	62
SPRING-B L789188-26	64
SP-NE-3 L789188-27	66
LANDFILL ENTRANCE SEEP L789188-28	68
CLASS IV DRAW L789188-29	70
CLASS I DRAW L789188-30	72
LEACHATE L789188-31	74
DUPLICATE L789188-32	76
FIELD BLANK L789188-33	78
EQUIPMENT BLANK L789188-34	80

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Gl

⁷Al

⁸Sc



TRIP BLANK L789188-35	81
⁶ Gl: Glossary of Terms	82
⁷ Al: Accreditations & Locations	83
⁸ Sc: Chain of Custody	84

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Gl

⁷Al

⁸Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW-2 L789188-01 GW

			Collected by Darren Motley	Collected date/time 09/15/15 14:46	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:37	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 14:44	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 15:12	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 11:54	09/20/15 11:54	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:21	09/22/15 10:21	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:29	ASK
Wet Chemistry by Method 9056	WG816224	1	09/23/15 18:11	09/23/15 18:11	ESC
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 13:51	09/18/15 13:51	LLS

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Gl

⁷ Al

⁸ Sc

MW-3 L789188-02 GW

			Collected by Darren Motley	Collected date/time 09/15/15 12:10	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:36	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 14:55	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 15:21	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 12:13	09/20/15 12:13	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:21	09/22/15 10:21	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:30	ASK
Wet Chemistry by Method 9056	WG816224	1	09/23/15 18:25	09/23/15 18:25	ESC
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 14:04	09/18/15 14:04	LLS

MW-4 L789188-03 GW

			Collected by Darren Motley	Collected date/time 09/15/15 13:17	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:37	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 14:57	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 15:23	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 12:32	09/20/15 12:32	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:22	09/22/15 10:22	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:31	ASK
Wet Chemistry by Method 9056	WG816224	1	09/23/15 18:39	09/23/15 18:39	ESC
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 14:16	09/18/15 14:16	LLS

MW-5 L789188-04 GW

			Collected by Darren Motley	Collected date/time 09/15/15 13:51	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:38	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:00	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 15:26	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 12:52	09/20/15 12:52	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:24	09/22/15 10:24	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:32	ASK
Wet Chemistry by Method 9056	WG816224	1	09/23/15 18:52	09/23/15 18:52	ESC
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 14:28	09/18/15 14:28	LLS



MW-6 L789188-05 GW

Collected by
Darren MotleyCollected date/time
09/15/15 16:01Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:35	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:02	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:06	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 13:11	09/20/15 13:11	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:24	09/22/15 10:24	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:33	ASK
Wet Chemistry by Method 9056	WG817279	1	09/24/15 15:14	09/24/15 15:14	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 15:29	09/18/15 15:29	LLS

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

MW-7 L789188-06 GW

Collected by
Darren MotleyCollected date/time
09/15/15 16:41Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:36	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:04	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:08	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 13:30	09/20/15 13:30	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:24	09/22/15 10:24	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:34	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 11:51	09/23/15 11:51	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 15:57	09/18/15 15:57	LLS

CAO-1 L789188-07 GW

Collected by
Darren MotleyCollected date/time
09/16/15 10:07Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816362	1	09/21/15 14:28	09/22/15 12:57	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:06	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:11	JD
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 20:07	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 13:49	09/20/15 13:49	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:18	09/23/15 14:18	KBC
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:37	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 17:11	09/23/15 17:11	DJD
Wet Chemistry by Method 9056	WG816225	10	09/23/15 12:20	09/23/15 12:20	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 16:14	09/18/15 16:14	LLS

CAO-2 L789188-08 GW

Collected by
Darren MotleyCollected date/time
09/15/15 11:50Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:37	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:08	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:13	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 14:09	09/20/15 14:09	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:24	09/22/15 10:24	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:38	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 12:34	09/23/15 12:34	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 16:27	09/18/15 16:27	LLS



CAO-3 L789188-09 GW

Collected by
Darren MotleyCollected date/time
09/15/15 11:30Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:38	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:11	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:15	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 14:28	09/20/15 14:28	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:25	09/22/15 10:25	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:39	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 12:49	09/23/15 12:49	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 16:39	09/18/15 16:39	LLS

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr

NAB-2 L789188-10 GW

Collected by
Darren MotleyCollected date/time
09/16/15 08:34Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816362	1	09/21/15 14:28	09/22/15 12:59	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:13	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:17	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 14:47	09/20/15 14:47	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:19	09/23/15 14:19	KBC
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:40	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 13:03	09/23/15 13:03	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 16:59	09/18/15 16:59	LLS

⁶ Gl⁷ Al⁸ Sc

NAB-3 L789188-11 GW

Collected by
Darren MotleyCollected date/time
09/15/15 09:02Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815968	1	09/18/15 15:01	09/21/15 05:37	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:15	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:20	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 15:06	09/20/15 15:06	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:25	09/22/15 10:25	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:41	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 13:18	09/23/15 13:18	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 17:11	09/18/15 17:11	LLS

NAB-4 L789188-12 GW

Collected by
Darren MotleyCollected date/time
09/15/15 10:10Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:18	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:22	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:22	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 15:26	09/20/15 15:26	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:25	09/22/15 10:25	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:44	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 13:32	09/23/15 13:32	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 17:24	09/18/15 17:24	LLS



NAB-7 L789188-13 GW

Collected by
Darren MotleyCollected date/time
09/15/15 17:10Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:14	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:24	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:24	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 15:45	09/20/15 15:45	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:26	09/22/15 10:26	AS
Wet Chemistry by Method 9012B	WG816818	1	09/22/15 10:45	09/22/15 16:46	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 13:47	09/23/15 13:47	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 17:36	09/18/15 17:36	LLS

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

NAB-8 L789188-14 GW

Collected by
Darren MotleyCollected date/time
09/16/15 06:30Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816362	1	09/21/15 14:28	09/22/15 12:59	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:26	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:26	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 16:04	09/20/15 16:04	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:26	09/22/15 10:26	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:12	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 14:16	09/23/15 14:16	DJD
Wet Chemistry by Method 9060A	WG815989	1	09/18/15 17:49	09/18/15 17:49	LLS

MW-509D L789188-15 GW

Collected by
Darren MotleyCollected date/time
09/16/15 09:45Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816362	1	09/21/15 14:28	09/22/15 12:56	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:28	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:42	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 16:23	09/20/15 16:23	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:27	09/22/15 10:27	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:13	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 16:57	09/23/15 16:57	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 20:16	09/21/15 20:16	LLS

MW-577 L789188-16 GW

Collected by
Darren MotleyCollected date/time
09/16/15 08:05Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816362	1	09/21/15 14:28	09/22/15 12:55	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:30	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:44	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 16:43	09/20/15 16:43	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:27	09/22/15 10:27	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:14	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 14:44	09/23/15 14:44	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 18:59	09/21/15 18:59	LLS



MW-689D L789188-17 GW

Collected by
Darren MotleyCollected date/time
09/15/15 09:32Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:17	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:33	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:46	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 17:02	09/20/15 17:02	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:27	09/22/15 10:27	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:16	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 15:30	09/23/15 15:30	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 20:47	09/21/15 20:47	LLS

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Gl⁷ Al⁸ Sc

MW-633D L789188-18 GW

Collected by
Darren MotleyCollected date/time
09/15/15 11:06Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:09	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:35	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:49	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 17:21	09/20/15 17:21	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:28	09/22/15 10:28	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:17	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 15:44	09/23/15 15:44	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 20:59	09/21/15 20:59	LLS

NE-2 L789188-19 GW

Collected by
Darren MotleyCollected date/time
09/16/15 06:52Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816362	1	09/21/15 14:28	09/22/15 12:55	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:37	TRB
Metals (ICPMS) by Method 6020	WG816526	1	09/23/15 10:27	09/24/15 16:51	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 17:41	09/20/15 17:41	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:19	09/23/15 14:19	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:20	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 15:59	09/23/15 15:59	DJD
Wet Chemistry by Method 9056	WG817423	20	09/24/15 15:48	09/24/15 15:48	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 21:19	09/21/15 21:19	LLS

NE-3 L789188-20 GW

Collected by
Darren MotleyCollected date/time
09/16/15 07:12Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816362	1	09/21/15 14:28	09/22/15 12:58	MF
Mercury by Method 7470A	WG815956	1	09/18/15 10:32	09/18/15 15:39	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/23/15 21:34	VSS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816305	1	09/20/15 18:00	09/20/15 18:00	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:19	09/23/15 14:19	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:21	ASK
Wet Chemistry by Method 9056	WG816225	1	09/23/15 16:13	09/23/15 16:13	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 21:35	09/21/15 21:35	LLS



NE-6 L789188-21 GW

Collected by
Darren MotleyCollected date/time
09/15/15 12:35Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:18	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 15:59	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 00:53	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 11:23	09/24/15 11:23	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:28	09/22/15 10:28	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:22	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 20:04	09/23/15 20:04	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 21:47	09/21/15 21:47	LLS

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr

MW-1R L789188-22 GW

Collected by
Darren MotleyCollected date/time
09/15/15 14:16Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:15	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:01	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 00:56	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 11:46	09/24/15 11:46	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:28	09/22/15 10:28	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:23	ASK
Wet Chemistry by Method 9056	WG817126	1	09/24/15 10:05	09/24/15 10:05	DJD
Wet Chemistry by Method 9056	WG817126	5	09/23/15 20:33	09/23/15 20:33	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 22:03	09/21/15 22:03	LLS

⁶ Gl⁷ Al⁸ Sc

TSP-3 L789188-23 GW

Collected by
Darren MotleyCollected date/time
09/16/15 07:26Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:33	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:04	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 00:59	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 12:09	09/24/15 12:09	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:20	09/23/15 14:20	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:24	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 20:47	09/23/15 20:47	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 22:16	09/21/15 22:16	LLS

SP-7 L789188-24 GW

Collected by
Darren MotleyCollected date/time
09/16/15 11:36Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:33	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:06	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:01	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 12:32	09/24/15 12:32	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:20	09/23/15 14:20	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:27	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 21:02	09/23/15 21:02	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 22:30	09/21/15 22:30	LLS



SPRING-A L789188-25 GW

Collected by
Darren MotleyCollected date/time
09/16/15 10:52Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:31	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:08	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:04	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 13:48	09/24/15 13:48	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:20	09/23/15 14:20	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:28	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 21:16	09/23/15 21:16	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/21/15 23:40	09/21/15 23:40	LLS

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Gl⁷ Al⁸ Sc

SPRING-B L789188-26 GW

Collected by
Darren MotleyCollected date/time
09/16/15 12:10Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:32	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:15	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:07	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 14:11	09/24/15 14:11	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:21	09/23/15 14:21	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:30	ASK
Wet Chemistry by Method 9056	WG817126	1	09/24/15 10:19	09/24/15 10:19	DJD
Wet Chemistry by Method 9056	WG817126	5	09/23/15 21:31	09/23/15 21:31	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 00:08	09/22/15 00:08	LLS

SP-NE-3 L789188-27 GW

Collected by
Darren MotleyCollected date/time
09/15/15 08:20Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:17	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:17	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:10	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 14:34	09/24/15 14:34	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:29	09/22/15 10:29	AS
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:31	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 21:45	09/23/15 21:45	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 00:21	09/22/15 00:21	LLS

LANDFILL ENTRANCE SEEP L789188-28 GW

Collected by
Darren MotleyCollected date/time
09/16/15 11:45Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:32	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:19	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:12	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 14:57	09/24/15 14:57	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:21	09/23/15 14:21	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:32	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 22:00	09/23/15 22:00	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 00:36	09/22/15 00:36	LLS



CLASS IV DRAW L789188-29 GW

			Collected by Darren Motley	Collected date/time 09/16/15 10:35	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:32	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:21	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:15	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 15:20	09/24/15 15:20	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:22	09/23/15 14:22	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:34	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 22:14	09/23/15 22:14	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 00:49	09/22/15 00:49	LLS

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

CLASS I DRAW L789188-30 GW

			Collected by Darren Motley	Collected date/time 09/16/15 11:15	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:33	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:23	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:18	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 15:43	09/24/15 15:43	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:22	09/23/15 14:22	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:35	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 22:57	09/23/15 22:57	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 01:13	09/22/15 01:13	LLS

LEACHATE L789188-31 GW

			Collected by Darren Motley	Collected date/time 09/16/15 10:15	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG816363	1	09/22/15 11:06	09/23/15 16:33	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:26	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:26	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 16:06	09/24/15 16:06	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:22	09/23/15 14:22	KBC
Wet Chemistry by Method 9012B	WG816896	1	09/23/15 10:50	09/23/15 18:36	ASK
Wet Chemistry by Method 9056	WG817126	1	09/24/15 10:34	09/24/15 10:34	DJD
Wet Chemistry by Method 9056	WG817126	20	09/23/15 23:26	09/23/15 23:26	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 01:30	09/22/15 01:30	LLS

DUPLICATE L789188-32 GW

			Collected by Darren Motley	Collected date/time 09/15/15 16:05	Received date/time 09/17/15 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:18	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:28	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:29	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 16:29	09/24/15 16:29	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816620	1	09/22/15 10:29	09/22/15 10:29	AS
Wet Chemistry by Method 9012B	WG816897	1	09/24/15 11:15	09/24/15 14:26	ASK
Wet Chemistry by Method 9056	WG817126	1	09/23/15 23:41	09/23/15 23:41	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 01:46	09/22/15 01:46	LLS



FIELD BLANK L789188-33 GW

Collected by
Darren MotleyCollected date/time
09/15/15 16:10Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Gravimetric Analysis by Method 2540 C-2011	WG815969	1	09/18/15 16:05	09/21/15 06:13	MF
Mercury by Method 7470A	WG815958	1	09/18/15 10:45	09/18/15 16:30	TRB
Metals (ICPMS) by Method 6020	WG816527	1	09/23/15 13:52	09/24/15 01:31	AB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 08:55	09/24/15 08:55	KLO
Wet Chemistry by Method 4500S2 D-2011	WG816932	1	09/23/15 14:23	09/23/15 14:23	KBC
Wet Chemistry by Method 9012B	WG816897	1	09/24/15 11:15	09/24/15 14:27	ASK
Wet Chemistry by Method 9056	WG817126	1	09/24/15 00:24	09/24/15 00:24	DJD
Wet Chemistry by Method 9060A	WG816125	1	09/22/15 02:00	09/22/15 02:00	LLS

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Gl⁷ Ai⁸ Sc

EQUIPMENT BLANK L789188-34 GW

Collected by
Darren MotleyCollected date/time
09/15/15 16:15Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 09:18	09/24/15 09:18	KLO

TRIP BLANK L789188-35 GW

Collected by
Darren MotleyCollected date/time
09/15/15 16:20Received date/time
09/17/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG816415	1	09/24/15 05:49	09/24/15 05:49	KLO



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Mark W. Beasley
Technical Service Representative





Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	365000		2820	10000	1	09/21/2015 05:37	WG815968

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	27.0	J	6.50	50.0	1	09/22/2015 10:21	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:29	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	4820		51.9	1000	1	09/23/2015 18:11	WG816224
Sulfate	17700		77.4	5000	1	09/23/2015 18:11	WG816224

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1540		102	1000	1	09/18/2015 13:51	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 14:44	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 15:12	WG816526
Arsenic	5.50		0.250	2.00	1	09/24/2015 15:12	WG816526
Barium	28.1		0.360	5.00	1	09/24/2015 15:12	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 15:12	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 15:12	WG816526
Chromium	0.569	J	0.540	2.00	1	09/24/2015 15:12	WG816526
Copper	U		0.520	5.00	1	09/24/2015 15:12	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 15:12	WG816526
Iron	U		15.0	100	1	09/24/2015 15:12	WG816526
Lead	0.841	J	0.240	2.00	1	09/24/2015 15:12	WG816526
Manganese	11.2		0.250	5.00	1	09/24/2015 15:12	WG816526
Nickel	0.659	J	0.350	2.00	1	09/24/2015 15:12	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 15:12	WG816526
Silver	U		0.310	2.00	1	09/24/2015 15:12	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 15:12	WG816526
Tin	0.409	J	0.300	2.00	1	09/24/2015 15:12	WG816526
Vanadium	1.76	J	0.180	5.00	1	09/24/2015 15:12	WG816526
Zinc	U		2.56	25.0	1	09/24/2015 15:12	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 11:54	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 11:54	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 11:54	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 11:54	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 11:54	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 11:54	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 11:54	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 11:54	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 11:54	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 11:54	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 11:54	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 11:54	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 11:54	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 11:54	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 11:54	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 11:54	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 11:54	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 11:54	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 11:54	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 11:54	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 11:54	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 11:54	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 11:54	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 11:54	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 11:54	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 11:54	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 11:54	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 11:54	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 11:54	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 11:54	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 11:54	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 11:54	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 11:54	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 11:54	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 11:54	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 11:54	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 11:54	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 11:54	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 11:54	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 11:54	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 11:54	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 11:54	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 11:54	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 11:54	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 11:54	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 11:54	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 11:54	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 11:54	WG816305
(S) Dibromofluoromethane	105			79.0-121		09/20/2015 11:54	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 11:54	WG816305

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Gl
7 Al
8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	525000		2820	10000	1	09/21/2015 05:36	WG815968

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	23.0	J	6.50	50.0	1	09/22/2015 10:21	WG816620

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:30	WG816818

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	5560		51.9	1000	1	09/23/2015 18:25	WG816224
Sulfate	1950	J	77.4	5000	1	09/23/2015 18:25	WG816224

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	8260		102	1000	1	09/18/2015 14:04	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 14:55	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	0.227	J	0.210	2.00	1	09/24/2015 15:21	WG816526
Arsenic	6.12		0.250	2.00	1	09/24/2015 15:21	WG816526
Barium	72.3		0.360	5.00	1	09/24/2015 15:21	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 15:21	WG816526
Cadmium	1.08		0.160	1.00	1	09/24/2015 15:21	WG816526
Chromium	0.775	J	0.540	2.00	1	09/24/2015 15:21	WG816526
Copper	1.10	J	0.520	5.00	1	09/24/2015 15:21	WG816526
Cobalt	5.42		0.260	2.00	1	09/24/2015 15:21	WG816526
Iron	3850		15.0	100	1	09/24/2015 15:21	WG816526
Lead	0.709	J	0.240	2.00	1	09/24/2015 15:21	WG816526
Manganese	1800		0.250	5.00	1	09/24/2015 15:21	WG816526
Nickel	53.2		0.350	2.00	1	09/24/2015 15:21	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 15:21	WG816526
Silver	U		0.310	2.00	1	09/24/2015 15:21	WG816526
Thallium	0.215	J	0.190	2.00	1	09/24/2015 15:21	WG816526
Tin	0.367	J	0.300	2.00	1	09/24/2015 15:21	WG816526
Vanadium	1.40	J	0.180	5.00	1	09/24/2015 15:21	WG816526
Zinc	80.4		2.56	25.0	1	09/24/2015 15:21	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 12:13	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 12:13	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 12:13	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 12:13	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 12:13	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 12:13	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 12:13	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 12:13	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 12:13	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 12:13	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 12:13	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 12:13	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 12:13	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 12:13	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 12:13	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 12:13	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 12:13	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 12:13	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 12:13	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 12:13	WG816305
1,1-Dichloroethane	0.622	U	0.259	1.00	1	09/20/2015 12:13	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 12:13	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 12:13	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 12:13	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 12:13	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 12:13	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 12:13	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 12:13	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 12:13	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 12:13	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 12:13	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 12:13	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 12:13	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 12:13	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 12:13	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 12:13	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 12:13	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 12:13	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 12:13	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 12:13	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 12:13	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 12:13	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 12:13	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 12:13	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 12:13	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 12:13	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 12:13	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 12:13	WG816305
(S) Dibromofluoromethane	102			79.0-121		09/20/2015 12:13	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 12:13	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	396000		2820	10000	1	09/21/2015 05:37	WG815968

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	21.0	J	6.50	50.0	1	09/22/2015 10:22	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:31	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	7080		51.9	1000	1	09/23/2015 18:39	WG816224
Sulfate	15600		77.4	5000	1	09/23/2015 18:39	WG816224

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1310		102	1000	1	09/18/2015 14:16	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 14:57	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 15:23	WG816526
Arsenic	1.26	J	0.250	2.00	1	09/24/2015 15:23	WG816526
Barium	34.3		0.360	5.00	1	09/24/2015 15:23	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 15:23	WG816526
Cadmium	0.811	J	0.160	1.00	1	09/24/2015 15:23	WG816526
Chromium	1.70	J	0.540	2.00	1	09/24/2015 15:23	WG816526
Copper	U		0.520	5.00	1	09/24/2015 15:23	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 15:23	WG816526
Iron	U		15.0	100	1	09/24/2015 15:23	WG816526
Lead	0.391	J	0.240	2.00	1	09/24/2015 15:23	WG816526
Manganese	1.88	J	0.250	5.00	1	09/24/2015 15:23	WG816526
Nickel	1.93	J	0.350	2.00	1	09/24/2015 15:23	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 15:23	WG816526
Silver	U		0.310	2.00	1	09/24/2015 15:23	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 15:23	WG816526
Tin	0.323	J	0.300	2.00	1	09/24/2015 15:23	WG816526
Vanadium	1.16	J	0.180	5.00	1	09/24/2015 15:23	WG816526
Zinc	96.7		2.56	25.0	1	09/24/2015 15:23	WG816526



Collected date/time: 09/15/15 13:17

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 12:32	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 12:32	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 12:32	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 12:32	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 12:32	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 12:32	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 12:32	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 12:32	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 12:32	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 12:32	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 12:32	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 12:32	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 12:32	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 12:32	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 12:32	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 12:32	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 12:32	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 12:32	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 12:32	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 12:32	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 12:32	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 12:32	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 12:32	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 12:32	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 12:32	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 12:32	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 12:32	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 12:32	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 12:32	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 12:32	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 12:32	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 12:32	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 12:32	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 12:32	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 12:32	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 12:32	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 12:32	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 12:32	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 12:32	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 12:32	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 12:32	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 12:32	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 12:32	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 12:32	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 12:32	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 12:32	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 12:32	WG816305
(S) Toluene-d8	104			90.0-115		09/20/2015 12:32	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 12:32	WG816305
(S) 4-Bromofluorobenzene	99.7			80.1-120		09/20/2015 12:32	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	431000		2820	10000	1	09/21/2015 05:38	WG815968

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	19.0	J	6.50	50.0	1	09/22/2015 10:24	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:32	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	5670		51.9	1000	1	09/23/2015 18:52	WG816224
Sulfate	7530		77.4	5000	1	09/23/2015 18:52	WG816224

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1590		102	1000	1	09/18/2015 14:28	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:00	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 15:26	WG816526
Arsenic	1.47	J	0.250	2.00	1	09/24/2015 15:26	WG816526
Barium	34.0		0.360	5.00	1	09/24/2015 15:26	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 15:26	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 15:26	WG816526
Chromium	1.37	J	0.540	2.00	1	09/24/2015 15:26	WG816526
Copper	0.749	J	0.520	5.00	1	09/24/2015 15:26	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 15:26	WG816526
Iron	117		15.0	100	1	09/24/2015 15:26	WG816526
Lead	0.865	J	0.240	2.00	1	09/24/2015 15:26	WG816526
Manganese	5.41		0.250	5.00	1	09/24/2015 15:26	WG816526
Nickel	2.00		0.350	2.00	1	09/24/2015 15:26	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 15:26	WG816526
Silver	U		0.310	2.00	1	09/24/2015 15:26	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 15:26	WG816526
Tin	0.389	J	0.300	2.00	1	09/24/2015 15:26	WG816526
Vanadium	1.20	J	0.180	5.00	1	09/24/2015 15:26	WG816526
Zinc	30.4		2.56	25.0	1	09/24/2015 15:26	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 12:52	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 12:52	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 12:52	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 12:52	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 12:52	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 12:52	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 12:52	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 12:52	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 12:52	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 12:52	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 12:52	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 12:52	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 12:52	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 12:52	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 12:52	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 12:52	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 12:52	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 12:52	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 12:52	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 12:52	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 12:52	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 12:52	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 12:52	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 12:52	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 12:52	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 12:52	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 12:52	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 12:52	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 12:52	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 12:52	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 12:52	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 12:52	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 12:52	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 12:52	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 12:52	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 12:52	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 12:52	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 12:52	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 12:52	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 12:52	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 12:52	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 12:52	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 12:52	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 12:52	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 12:52	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 12:52	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 12:52	WG816305
(S) Toluene-d8	104			90.0-115		09/20/2015 12:52	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 12:52	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 12:52	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	440000		2820	10000	1	09/21/2015 05:35	WG815968

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	21.0	J	6.50	50.0	1	09/22/2015 10:24	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:33	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	16600		51.9	1000	1	09/24/2015 15:14	WG817279
Sulfate	8020		77.4	5000	1	09/24/2015 15:14	WG817279

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2650		102	1000	1	09/18/2015 15:29	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	0.0942	J	0.0490	0.200	1	09/18/2015 15:02	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:06	WG816526
Arsenic	1.26	J	0.250	2.00	1	09/24/2015 16:06	WG816526
Barium	45.9		0.360	5.00	1	09/24/2015 16:06	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:06	WG816526
Cadmium	0.321	J	0.160	1.00	1	09/24/2015 16:06	WG816526
Chromium	0.618	J	0.540	2.00	1	09/24/2015 16:06	WG816526
Copper	1.94	J	0.520	5.00	1	09/24/2015 16:06	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:06	WG816526
Iron	U		15.0	100	1	09/24/2015 16:06	WG816526
Lead	0.342	J	0.240	2.00	1	09/24/2015 16:06	WG816526
Manganese	0.683	J	0.250	5.00	1	09/24/2015 16:06	WG816526
Nickel	0.699	J	0.350	2.00	1	09/24/2015 16:06	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:06	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:06	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:06	WG816526
Tin	0.426	J	0.300	2.00	1	09/24/2015 16:06	WG816526
Vanadium	1.05	J	0.180	5.00	1	09/24/2015 16:06	WG816526
Zinc	42.7		2.56	25.0	1	09/24/2015 16:06	WG816526



Collected date/time: 09/15/15 16:01

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 13:11	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 13:11	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 13:11	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 13:11	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 13:11	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 13:11	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 13:11	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 13:11	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 13:11	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 13:11	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 13:11	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 13:11	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 13:11	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 13:11	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 13:11	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 13:11	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 13:11	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 13:11	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 13:11	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 13:11	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 13:11	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 13:11	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 13:11	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 13:11	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 13:11	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 13:11	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 13:11	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 13:11	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 13:11	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 13:11	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 13:11	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 13:11	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 13:11	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 13:11	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 13:11	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 13:11	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 13:11	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 13:11	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 13:11	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 13:11	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 13:11	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 13:11	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 13:11	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 13:11	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 13:11	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 13:11	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 13:11	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 13:11	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 13:11	WG816305
(S) 4-Bromofluorobenzene	101			80.1-120		09/20/2015 13:11	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	341000		2820	10000	1	09/21/2015 05:36	WG815968

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	19.0	J	6.50	50.0	1	09/22/2015 10:24	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:34	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1960		51.9	1000	1	09/23/2015 11:51	WG816225
Sulfate	7190		77.4	5000	1	09/23/2015 11:51	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1480		102	1000	1	09/18/2015 15:57	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:04	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:08	WG816526
Arsenic	1.29	J	0.250	2.00	1	09/24/2015 16:08	WG816526
Barium	37.4		0.360	5.00	1	09/24/2015 16:08	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:08	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 16:08	WG816526
Chromium	0.637	J	0.540	2.00	1	09/24/2015 16:08	WG816526
Copper	2.66	J	0.520	5.00	1	09/24/2015 16:08	WG816526
Cobalt	0.891	J	0.260	2.00	1	09/24/2015 16:08	WG816526
Iron	42.9	J	15.0	100	1	09/24/2015 16:08	WG816526
Lead	1.60	J	0.240	2.00	1	09/24/2015 16:08	WG816526
Manganese	80.2		0.250	5.00	1	09/24/2015 16:08	WG816526
Nickel	2.39		0.350	2.00	1	09/24/2015 16:08	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:08	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:08	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:08	WG816526
Tin	0.433	J	0.300	2.00	1	09/24/2015 16:08	WG816526
Vanadium	1.09	J	0.180	5.00	1	09/24/2015 16:08	WG816526
Zinc	5.56	J	2.56	25.0	1	09/24/2015 16:08	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 13:30	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 13:30	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 13:30	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 13:30	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 13:30	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 13:30	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 13:30	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 13:30	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 13:30	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 13:30	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 13:30	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 13:30	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 13:30	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 13:30	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 13:30	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 13:30	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 13:30	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 13:30	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 13:30	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 13:30	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 13:30	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 13:30	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 13:30	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 13:30	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 13:30	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 13:30	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 13:30	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 13:30	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 13:30	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 13:30	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 13:30	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 13:30	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 13:30	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 13:30	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 13:30	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 13:30	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 13:30	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 13:30	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 13:30	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 13:30	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 13:30	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 13:30	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 13:30	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 13:30	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 13:30	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 13:30	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 13:30	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 13:30	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 13:30	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 13:30	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	696000		2820	10000	1	09/22/2015 12:57	WG816362

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/23/2015 14:18	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:37	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	123000		519	10000	10	09/23/2015 12:20	WG816225
Sulfate	9360		77.4	5000	1	09/23/2015 17:11	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	14000		102	1000	1	09/18/2015 16:14	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:06	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:11	WG816526
Arsenic	32.8		0.250	2.00	1	09/24/2015 16:11	WG816526
Barium	284		0.360	5.00	1	09/24/2015 16:11	WG816526
Beryllium	0.167	J	0.120	2.00	1	09/24/2015 20:07	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 16:11	WG816526
Chromium	0.785	J	0.540	2.00	1	09/24/2015 16:11	WG816526
Copper	5.05		0.520	5.00	1	09/24/2015 16:11	WG816526
Cobalt	21.9		0.260	2.00	1	09/24/2015 16:11	WG816526
Iron	26500		15.0	100	1	09/24/2015 16:11	WG816526
Lead	0.473	J	0.240	2.00	1	09/24/2015 16:11	WG816526
Manganese	2000		0.250	5.00	1	09/24/2015 16:11	WG816526
Nickel	35.7		0.350	2.00	1	09/24/2015 16:11	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:11	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:11	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:11	WG816526
Tin	1.53	J	0.300	2.00	1	09/24/2015 16:11	WG816526
Vanadium	1.68	J	0.180	5.00	1	09/24/2015 16:11	WG816526
Zinc	10.9	J	2.56	25.0	1	09/24/2015 16:11	WG816526



Collected date/time: 09/16/15 10:07

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 13:49	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 13:49	WG816305
Benzene	2.84		0.331	1.00	1	09/20/2015 13:49	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 13:49	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 13:49	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 13:49	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 13:49	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 13:49	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 13:49	WG816305
Chlorobenzene	0.649	U	0.348	1.00	1	09/20/2015 13:49	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 13:49	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 13:49	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 13:49	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 13:49	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 13:49	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 13:49	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 13:49	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 13:49	WG816305
1,4-Dichlorobenzene	0.697	U	0.274	1.00	1	09/20/2015 13:49	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 13:49	WG816305
1,1-Dichloroethane	3.55		0.259	1.00	1	09/20/2015 13:49	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 13:49	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 13:49	WG816305
cis-1,2-Dichloroethene	0.873	U	0.260	1.00	1	09/20/2015 13:49	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 13:49	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 13:49	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 13:49	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 13:49	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 13:49	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 13:49	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 13:49	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 13:49	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 13:49	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 13:49	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 13:49	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 13:49	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 13:49	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 13:49	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 13:49	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 13:49	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 13:49	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 13:49	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 13:49	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 13:49	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 13:49	WG816305
Vinyl chloride	2.17		0.259	1.00	1	09/20/2015 13:49	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 13:49	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 13:49	WG816305
(S) Dibromofluoromethane	102			79.0-121		09/20/2015 13:49	WG816305
(S) 4-Bromofluorobenzene	103			80.1-120		09/20/2015 13:49	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	445000		2820	10000	1	09/21/2015 05:37	WG815968

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	25.0	J	6.50	50.0	1	09/22/2015 10:24	WG816620

5 Sr

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:38	WG816818

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	58100		51.9	1000	1	09/23/2015 12:34	WG816225
Sulfate	1140	J	77.4	5000	1	09/23/2015 12:34	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	6320		102	1000	1	09/18/2015 16:27	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	0.0809	J	0.0490	0.200	1	09/18/2015 15:08	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:13	WG816526
Arsenic	2.84		0.250	2.00	1	09/24/2015 16:13	WG816526
Barium	87.4		0.360	5.00	1	09/24/2015 16:13	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:13	WG816526
Cadmium	1.11		0.160	1.00	1	09/24/2015 16:13	WG816526
Chromium	0.800	J	0.540	2.00	1	09/24/2015 16:13	WG816526
Copper	1.33	J	0.520	5.00	1	09/24/2015 16:13	WG816526
Cobalt	2.77		0.260	2.00	1	09/24/2015 16:13	WG816526
Iron	136		15.0	100	1	09/24/2015 16:13	WG816526
Lead	1.22	J	0.240	2.00	1	09/24/2015 16:13	WG816526
Manganese	1660		0.250	5.00	1	09/24/2015 16:13	WG816526
Nickel	30.7		0.350	2.00	1	09/24/2015 16:13	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:13	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:13	WG816526
Thallium	0.498	J	0.190	2.00	1	09/24/2015 16:13	WG816526
Tin	0.644	J	0.300	2.00	1	09/24/2015 16:13	WG816526
Vanadium	1.05	J	0.180	5.00	1	09/24/2015 16:13	WG816526
Zinc	26.6		2.56	25.0	1	09/24/2015 16:13	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 14:09	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 14:09	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 14:09	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 14:09	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 14:09	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 14:09	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 14:09	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 14:09	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 14:09	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 14:09	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 14:09	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 14:09	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 14:09	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 14:09	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 14:09	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 14:09	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 14:09	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 14:09	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 14:09	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 14:09	WG816305
1,1-Dichloroethane	0.796	U	0.259	1.00	1	09/20/2015 14:09	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 14:09	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 14:09	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 14:09	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 14:09	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 14:09	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 14:09	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 14:09	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 14:09	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 14:09	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 14:09	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 14:09	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 14:09	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 14:09	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 14:09	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 14:09	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 14:09	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 14:09	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 14:09	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 14:09	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 14:09	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 14:09	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 14:09	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 14:09	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 14:09	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 14:09	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 14:09	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 14:09	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 14:09	WG816305
(S) 4-Bromofluorobenzene	103			80.1-120		09/20/2015 14:09	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	289000		2820	10000	1	09/21/2015 05:38	WG815968

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	27.0	J	6.50	50.0	1	09/22/2015 10:25	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	2.40	J	1.80	5.00	1	09/22/2015 16:39	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	20500		51.9	1000	1	09/23/2015 12:49	WG816225
Sulfate	4730	J	77.4	5000	1	09/23/2015 12:49	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2510		102	1000	1	09/18/2015 16:39	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:11	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:15	WG816526
Arsenic	1.01	J	0.250	2.00	1	09/24/2015 16:15	WG816526
Barium	43.5		0.360	5.00	1	09/24/2015 16:15	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:15	WG816526
Cadmium	0.791	J	0.160	1.00	1	09/24/2015 16:15	WG816526
Chromium	0.634	J	0.540	2.00	1	09/24/2015 16:15	WG816526
Copper	11.6		0.520	5.00	1	09/24/2015 16:15	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:15	WG816526
Iron	26.9	J	15.0	100	1	09/24/2015 16:15	WG816526
Lead	1.23	J	0.240	2.00	1	09/24/2015 16:15	WG816526
Manganese	12.5		0.250	5.00	1	09/24/2015 16:15	WG816526
Nickel	1.90	J	0.350	2.00	1	09/24/2015 16:15	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:15	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:15	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:15	WG816526
Tin	0.420	J	0.300	2.00	1	09/24/2015 16:15	WG816526
Vanadium	1.13	J	0.180	5.00	1	09/24/2015 16:15	WG816526
Zinc	18.8	J	2.56	25.0	1	09/24/2015 16:15	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 14:28	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 14:28	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 14:28	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 14:28	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 14:28	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 14:28	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 14:28	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 14:28	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 14:28	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 14:28	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 14:28	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 14:28	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 14:28	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 14:28	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 14:28	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 14:28	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 14:28	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 14:28	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 14:28	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 14:28	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 14:28	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 14:28	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 14:28	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 14:28	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 14:28	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 14:28	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 14:28	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 14:28	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 14:28	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 14:28	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 14:28	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 14:28	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 14:28	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 14:28	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 14:28	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 14:28	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 14:28	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 14:28	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 14:28	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 14:28	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 14:28	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 14:28	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 14:28	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 14:28	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 14:28	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 14:28	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 14:28	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 14:28	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 14:28	WG816305
(S) 4-Bromofluorobenzene	101			80.1-120		09/20/2015 14:28	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	433000		2820	10000	1	09/22/2015 12:59	WG816362

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	19.0	J	6.50	50.0	1	09/23/2015 14:19	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:40	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	5270		51.9	1000	1	09/23/2015 13:03	WG816225
Sulfate	14100		77.4	5000	1	09/23/2015 13:03	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2020		102	1000	1	09/18/2015 16:59	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:13	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:17	WG816526
Arsenic	3.52		0.250	2.00	1	09/24/2015 16:17	WG816526
Barium	34.4		0.360	5.00	1	09/24/2015 16:17	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:17	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 16:17	WG816526
Chromium	1.70	J	0.540	2.00	1	09/24/2015 16:17	WG816526
Copper	U		0.520	5.00	1	09/24/2015 16:17	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:17	WG816526
Iron	190		15.0	100	1	09/24/2015 16:17	WG816526
Lead	2.90		0.240	2.00	1	09/24/2015 16:17	WG816526
Manganese	22.4		0.250	5.00	1	09/24/2015 16:17	WG816526
Nickel	6.26		0.350	2.00	1	09/24/2015 16:17	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:17	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:17	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:17	WG816526
Tin	0.491	J	0.300	2.00	1	09/24/2015 16:17	WG816526
Vanadium	1.28	J	0.180	5.00	1	09/24/2015 16:17	WG816526
Zinc	56.6		2.56	25.0	1	09/24/2015 16:17	WG816526



Collected date/time: 09/16/15 08:34

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 14:47	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 14:47	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 14:47	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 14:47	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 14:47	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 14:47	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 14:47	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 14:47	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 14:47	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 14:47	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 14:47	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 14:47	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 14:47	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 14:47	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 14:47	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 14:47	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 14:47	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 14:47	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 14:47	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 14:47	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 14:47	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 14:47	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 14:47	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 14:47	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 14:47	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 14:47	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 14:47	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 14:47	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 14:47	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 14:47	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 14:47	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 14:47	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 14:47	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 14:47	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 14:47	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 14:47	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 14:47	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 14:47	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 14:47	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 14:47	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 14:47	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 14:47	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 14:47	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 14:47	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 14:47	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 14:47	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 14:47	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 14:47	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 14:47	WG816305
(S) 4-Bromofluorobenzene	100			80.1-120		09/20/2015 14:47	WG816305

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Gl
⁷ Al
⁸ Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	397000		2820	10000	1	09/21/2015 05:37	WG815968

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	21.0	J	6.50	50.0	1	09/22/2015 10:25	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:41	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	5080		51.9	1000	1	09/23/2015 13:18	WG816225
Sulfate	12100		77.4	5000	1	09/23/2015 13:18	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2170		102	1000	1	09/18/2015 17:11	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:15	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:20	WG816526
Arsenic	1.29	J	0.250	2.00	1	09/24/2015 16:20	WG816526
Barium	39.2		0.360	5.00	1	09/24/2015 16:20	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:20	WG816526
Cadmium	0.328	J	0.160	1.00	1	09/24/2015 16:20	WG816526
Chromium	1.28	J	0.540	2.00	1	09/24/2015 16:20	WG816526
Copper	1.31	J	0.520	5.00	1	09/24/2015 16:20	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:20	WG816526
Iron	U		15.0	100	1	09/24/2015 16:20	WG816526
Lead	1.54	J	0.240	2.00	1	09/24/2015 16:20	WG816526
Manganese	11.4		0.250	5.00	1	09/24/2015 16:20	WG816526
Nickel	1.94	J	0.350	2.00	1	09/24/2015 16:20	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:20	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:20	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:20	WG816526
Tin	0.375	J	0.300	2.00	1	09/24/2015 16:20	WG816526
Vanadium	0.997	J	0.180	5.00	1	09/24/2015 16:20	WG816526
Zinc	100		2.56	25.0	1	09/24/2015 16:20	WG816526



Collected date/time: 09/15/15 09:02

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 15:06	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 15:06	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 15:06	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 15:06	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 15:06	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 15:06	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 15:06	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 15:06	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 15:06	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 15:06	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 15:06	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 15:06	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 15:06	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 15:06	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 15:06	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 15:06	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 15:06	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 15:06	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 15:06	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 15:06	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 15:06	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 15:06	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 15:06	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 15:06	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 15:06	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 15:06	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 15:06	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 15:06	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 15:06	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 15:06	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 15:06	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 15:06	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 15:06	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 15:06	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 15:06	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 15:06	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 15:06	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 15:06	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 15:06	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 15:06	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 15:06	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 15:06	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 15:06	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 15:06	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 15:06	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 15:06	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 15:06	WG816305
(S) Toluene-d8	104			90.0-115		09/20/2015 15:06	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 15:06	WG816305
(S) 4-Bromofluorobenzene	101			80.1-120		09/20/2015 15:06	WG816305





Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	466000		2820	10000	1	09/21/2015 06:18	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	22.0	J	6.50	50.0	1	09/22/2015 10:25	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/22/2015 16:44	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	4050		51.9	1000	1	09/23/2015 13:32	WG816225
Sulfate	34700		77.4	5000	1	09/23/2015 13:32	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1970		102	1000	1	09/18/2015 17:24	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:22	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	0.383	J	0.210	2.00	1	09/24/2015 16:22	WG816526
Arsenic	3.62		0.250	2.00	1	09/24/2015 16:22	WG816526
Barium	49.5		0.360	5.00	1	09/24/2015 16:22	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:22	WG816526
Cadmium	1.34		0.160	1.00	1	09/24/2015 16:22	WG816526
Chromium	1.10	J	0.540	2.00	1	09/24/2015 16:22	WG816526
Copper	0.904	J	0.520	5.00	1	09/24/2015 16:22	WG816526
Cobalt	0.877	J	0.260	2.00	1	09/24/2015 16:22	WG816526
Iron	U		15.0	100	1	09/24/2015 16:22	WG816526
Lead	0.624	J	0.240	2.00	1	09/24/2015 16:22	WG816526
Manganese	8.06		0.250	5.00	1	09/24/2015 16:22	WG816526
Nickel	14.7		0.350	2.00	1	09/24/2015 16:22	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:22	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:22	WG816526
Thallium	0.552	J	0.190	2.00	1	09/24/2015 16:22	WG816526
Tin	0.369	J	0.300	2.00	1	09/24/2015 16:22	WG816526
Vanadium	1.00	J	0.180	5.00	1	09/24/2015 16:22	WG816526
Zinc	660		2.56	25.0	1	09/24/2015 16:22	WG816526



Collected date/time: 09/15/15 10:10

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 15:26	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 15:26	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 15:26	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 15:26	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 15:26	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 15:26	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 15:26	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 15:26	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 15:26	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 15:26	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 15:26	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 15:26	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 15:26	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 15:26	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 15:26	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 15:26	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 15:26	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 15:26	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 15:26	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 15:26	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 15:26	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 15:26	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 15:26	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 15:26	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 15:26	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 15:26	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 15:26	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 15:26	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 15:26	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 15:26	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 15:26	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 15:26	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 15:26	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 15:26	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 15:26	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 15:26	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 15:26	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 15:26	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 15:26	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 15:26	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 15:26	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 15:26	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 15:26	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 15:26	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 15:26	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 15:26	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 15:26	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 15:26	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 15:26	WG816305
(S) 4-Bromofluorobenzene	103			80.1-120		09/20/2015 15:26	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	384000		2820	10000	1	09/21/2015 06:14	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	17.0	J	6.50	50.0	1	09/22/2015 10:26	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	3.60	J	1.80	5.00	1	09/22/2015 16:46	WG816818

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3080		51.9	1000	1	09/23/2015 13:47	WG816225
Sulfate	27900		77.4	5000	1	09/23/2015 13:47	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1440		102	1000	1	09/18/2015 17:36	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:24	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:24	WG816526
Arsenic	4.90		0.250	2.00	1	09/24/2015 16:24	WG816526
Barium	23.4		0.360	5.00	1	09/24/2015 16:24	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:24	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 16:24	WG816526
Chromium	0.696	J	0.540	2.00	1	09/24/2015 16:24	WG816526
Copper	U		0.520	5.00	1	09/24/2015 16:24	WG816526
Cobalt	0.963	J	0.260	2.00	1	09/24/2015 16:24	WG816526
Iron	262		15.0	100	1	09/24/2015 16:24	WG816526
Lead	5.79		0.240	2.00	1	09/24/2015 16:24	WG816526
Manganese	8.46		0.250	5.00	1	09/24/2015 16:24	WG816526
Nickel	7.40		0.350	2.00	1	09/24/2015 16:24	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:24	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:24	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:24	WG816526
Tin	0.354	J	0.300	2.00	1	09/24/2015 16:24	WG816526
Vanadium	1.00	J	0.180	5.00	1	09/24/2015 16:24	WG816526
Zinc	51.0		2.56	25.0	1	09/24/2015 16:24	WG816526



Collected date/time: 09/15/15 17:10

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 15:45	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 15:45	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 15:45	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 15:45	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 15:45	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 15:45	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 15:45	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 15:45	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 15:45	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 15:45	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 15:45	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 15:45	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 15:45	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 15:45	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 15:45	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 15:45	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 15:45	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 15:45	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 15:45	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 15:45	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 15:45	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 15:45	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 15:45	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 15:45	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 15:45	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 15:45	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 15:45	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 15:45	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 15:45	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 15:45	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 15:45	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 15:45	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 15:45	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 15:45	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 15:45	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 15:45	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 15:45	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 15:45	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 15:45	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 15:45	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 15:45	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 15:45	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 15:45	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 15:45	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 15:45	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 15:45	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 15:45	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 15:45	WG816305
(S) Dibromofluoromethane	102			79.0-121		09/20/2015 15:45	WG816305
(S) 4-Bromofluorobenzene	101			80.1-120		09/20/2015 15:45	WG816305





Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	358000		2820	10000	1	09/22/2015 12:59	WG816362

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	20.0	J	6.50	50.0	1	09/22/2015 10:26	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	7.00		1.80	5.00	1	09/23/2015 18:12	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1920		51.9	1000	1	09/23/2015 14:16	WG816225
Sulfate	9960		77.4	5000	1	09/23/2015 14:16	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	9860		102	1000	1	09/18/2015 17:49	WG815989

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:26	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:26	WG816526
Arsenic	5.88		0.250	2.00	1	09/24/2015 16:26	WG816526
Barium	32.7		0.360	5.00	1	09/24/2015 16:26	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:26	WG816526
Cadmium	0.213	J	0.160	1.00	1	09/24/2015 16:26	WG816526
Chromium	U		0.540	2.00	1	09/24/2015 16:26	WG816526
Copper	0.957	J	0.520	5.00	1	09/24/2015 16:26	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:26	WG816526
Iron	U		15.0	100	1	09/24/2015 16:26	WG816526
Lead	0.346	J	0.240	2.00	1	09/24/2015 16:26	WG816526
Manganese	4.91	J	0.250	5.00	1	09/24/2015 16:26	WG816526
Nickel	U		0.350	2.00	1	09/24/2015 16:26	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:26	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:26	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:26	WG816526
Tin	0.428	J	0.300	2.00	1	09/24/2015 16:26	WG816526
Vanadium	1.22	J	0.180	5.00	1	09/24/2015 16:26	WG816526
Zinc	U		2.56	25.0	1	09/24/2015 16:26	WG816526



Collected date/time: 09/16/15 06:30

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 16:04	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 16:04	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 16:04	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 16:04	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 16:04	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 16:04	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 16:04	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 16:04	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 16:04	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 16:04	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 16:04	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 16:04	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 16:04	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 16:04	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 16:04	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 16:04	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 16:04	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 16:04	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 16:04	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 16:04	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 16:04	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 16:04	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 16:04	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 16:04	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 16:04	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 16:04	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 16:04	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 16:04	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 16:04	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 16:04	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 16:04	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 16:04	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 16:04	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 16:04	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 16:04	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 16:04	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 16:04	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 16:04	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 16:04	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 16:04	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 16:04	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 16:04	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 16:04	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 16:04	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 16:04	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 16:04	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 16:04	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 16:04	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 16:04	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 16:04	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	373000		2820	10000	1	09/22/2015 12:56	WG816362

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	20.0	J	6.50	50.0	1	09/22/2015 10:27	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:13	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	6200		51.9	1000	1	09/23/2015 16:57	WG816225
Sulfate	13900		77.4	5000	1	09/23/2015 16:57	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1530		102	1000	1	09/21/2015 20:16	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:28	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:42	WG816526
Arsenic	1.57	J	0.250	2.00	1	09/24/2015 16:42	WG816526
Barium	32.1		0.360	5.00	1	09/24/2015 16:42	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:42	WG816526
Cadmium	4.80		0.160	1.00	1	09/24/2015 16:42	WG816526
Chromium	3.09		0.540	2.00	1	09/24/2015 16:42	WG816526
Copper	1.02	J	0.520	5.00	1	09/24/2015 16:42	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:42	WG816526
Iron	497		15.0	100	1	09/24/2015 16:42	WG816526
Lead	1.64	J	0.240	2.00	1	09/24/2015 16:42	WG816526
Manganese	7.57		0.250	5.00	1	09/24/2015 16:42	WG816526
Nickel	2.76		0.350	2.00	1	09/24/2015 16:42	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:42	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:42	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:42	WG816526
Tin	0.441	J	0.300	2.00	1	09/24/2015 16:42	WG816526
Vanadium	2.83	J	0.180	5.00	1	09/24/2015 16:42	WG816526
Zinc	415		2.56	25.0	1	09/24/2015 16:42	WG816526



Collected date/time: 09/16/15 09:45

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 16:23	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 16:23	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 16:23	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 16:23	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 16:23	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 16:23	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 16:23	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 16:23	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 16:23	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 16:23	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 16:23	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 16:23	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 16:23	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 16:23	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 16:23	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 16:23	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 16:23	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 16:23	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 16:23	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 16:23	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 16:23	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 16:23	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 16:23	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 16:23	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 16:23	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 16:23	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 16:23	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 16:23	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 16:23	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 16:23	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 16:23	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 16:23	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 16:23	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 16:23	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 16:23	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 16:23	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 16:23	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 16:23	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 16:23	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 16:23	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 16:23	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 16:23	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 16:23	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 16:23	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 16:23	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 16:23	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 16:23	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 16:23	WG816305
(S) Dibromofluoromethane	104			79.0-121		09/20/2015 16:23	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 16:23	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	398000		2820	10000	1	09/22/2015 12:55	WG816362

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	27.0	J	6.50	50.0	1	09/22/2015 10:27	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:14	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	8450		51.9	1000	1	09/23/2015 14:44	WG816225
Sulfate	22800		77.4	5000	1	09/23/2015 14:44	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3170		102	1000	1	09/21/2015 18:59	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:30	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:44	WG816526
Arsenic	2.10		0.250	2.00	1	09/24/2015 16:44	WG816526
Barium	24.3		0.360	5.00	1	09/24/2015 16:44	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:44	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 16:44	WG816526
Chromium	0.694	J	0.540	2.00	1	09/24/2015 16:44	WG816526
Copper	0.881	J	0.520	5.00	1	09/24/2015 16:44	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:44	WG816526
Iron	127		15.0	100	1	09/24/2015 16:44	WG816526
Lead	1.03	J	0.240	2.00	1	09/24/2015 16:44	WG816526
Manganese	5.32		0.250	5.00	1	09/24/2015 16:44	WG816526
Nickel	1.37	J	0.350	2.00	1	09/24/2015 16:44	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:44	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:44	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:44	WG816526
Tin	0.372	J	0.300	2.00	1	09/24/2015 16:44	WG816526
Vanadium	1.10	J	0.180	5.00	1	09/24/2015 16:44	WG816526
Zinc	3.46	J	2.56	25.0	1	09/24/2015 16:44	WG816526



Collected date/time: 09/16/15 08:05

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 16:43	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 16:43	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 16:43	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 16:43	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 16:43	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 16:43	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 16:43	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 16:43	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 16:43	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 16:43	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 16:43	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 16:43	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 16:43	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 16:43	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 16:43	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 16:43	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 16:43	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 16:43	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 16:43	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 16:43	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 16:43	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 16:43	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 16:43	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 16:43	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 16:43	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 16:43	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 16:43	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 16:43	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 16:43	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 16:43	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 16:43	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 16:43	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 16:43	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 16:43	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 16:43	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 16:43	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 16:43	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 16:43	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 16:43	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 16:43	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 16:43	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 16:43	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 16:43	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 16:43	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 16:43	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 16:43	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 16:43	WG816305
(S) Toluene-d8	105			90.0-115		09/20/2015 16:43	WG816305
(S) Dibromofluoromethane	104			79.0-121		09/20/2015 16:43	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 16:43	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	395000		2820	10000	1	09/21/2015 06:17	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	30.0	J	6.50	50.0	1	09/22/2015 10:27	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:16	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2430		51.9	1000	1	09/23/2015 15:30	WG816225
Sulfate	13700		77.4	5000	1	09/23/2015 15:30	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1190		102	1000	1	09/21/2015 20:47	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:33	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:46	WG816526
Arsenic	1.90	J	0.250	2.00	1	09/24/2015 16:46	WG816526
Barium	29.6		0.360	5.00	1	09/24/2015 16:46	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:46	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 16:46	WG816526
Chromium	1.39	J	0.540	2.00	1	09/24/2015 16:46	WG816526
Copper	1.14	J	0.520	5.00	1	09/24/2015 16:46	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:46	WG816526
Iron	296		15.0	100	1	09/24/2015 16:46	WG816526
Lead	2.00		0.240	2.00	1	09/24/2015 16:46	WG816526
Manganese	17.5		0.250	5.00	1	09/24/2015 16:46	WG816526
Nickel	1.41	J	0.350	2.00	1	09/24/2015 16:46	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:46	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:46	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:46	WG816526
Tin	0.333	J	0.300	2.00	1	09/24/2015 16:46	WG816526
Vanadium	1.77	J	0.180	5.00	1	09/24/2015 16:46	WG816526
Zinc	5.73	J	2.56	25.0	1	09/24/2015 16:46	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 17:02	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 17:02	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 17:02	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 17:02	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 17:02	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 17:02	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 17:02	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 17:02	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 17:02	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 17:02	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 17:02	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 17:02	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 17:02	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 17:02	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 17:02	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 17:02	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 17:02	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 17:02	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 17:02	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 17:02	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 17:02	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 17:02	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 17:02	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 17:02	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 17:02	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 17:02	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 17:02	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 17:02	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 17:02	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 17:02	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 17:02	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 17:02	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 17:02	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 17:02	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 17:02	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 17:02	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 17:02	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 17:02	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 17:02	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 17:02	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 17:02	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 17:02	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 17:02	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 17:02	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 17:02	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 17:02	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 17:02	WG816305
(S) Toluene-d8	104			90.0-115		09/20/2015 17:02	WG816305
(S) Dibromofluoromethane	105			79.0-121		09/20/2015 17:02	WG816305
(S) 4-Bromofluorobenzene	103			80.1-120		09/20/2015 17:02	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	425000		2820	10000	1	09/21/2015 06:09	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	22.0	J	6.50	50.0	1	09/22/2015 10:28	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:17	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	9420		51.9	1000	1	09/23/2015 15:44	WG816225
Sulfate	11400		77.4	5000	1	09/23/2015 15:44	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1970		102	1000	1	09/21/2015 20:59	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:35	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 16:49	WG816526
Arsenic	1.36	J	0.250	2.00	1	09/24/2015 16:49	WG816526
Barium	39.5		0.360	5.00	1	09/24/2015 16:49	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:49	WG816526
Cadmium	1.46		0.160	1.00	1	09/24/2015 16:49	WG816526
Chromium	1.17	J	0.540	2.00	1	09/24/2015 16:49	WG816526
Copper	1.01	J	0.520	5.00	1	09/24/2015 16:49	WG816526
Cobalt	U		0.260	2.00	1	09/24/2015 16:49	WG816526
Iron	27.4	J	15.0	100	1	09/24/2015 16:49	WG816526
Lead	2.08		0.240	2.00	1	09/24/2015 16:49	WG816526
Manganese	2.95	J	0.250	5.00	1	09/24/2015 16:49	WG816526
Nickel	1.52	J	0.350	2.00	1	09/24/2015 16:49	WG816526
Selenium	U		0.380	2.00	1	09/24/2015 16:49	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:49	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:49	WG816526
Tin	0.437	J	0.300	2.00	1	09/24/2015 16:49	WG816526
Vanadium	1.26	J	0.180	5.00	1	09/24/2015 16:49	WG816526
Zinc	257		2.56	25.0	1	09/24/2015 16:49	WG816526



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 17:21	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 17:21	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 17:21	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 17:21	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 17:21	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 17:21	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 17:21	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 17:21	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 17:21	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 17:21	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 17:21	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 17:21	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 17:21	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 17:21	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 17:21	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 17:21	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 17:21	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 17:21	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 17:21	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 17:21	WG816305
1,1-Dichloroethane	1.55		0.259	1.00	1	09/20/2015 17:21	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 17:21	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 17:21	WG816305
cis-1,2-Dichloroethene	0.367	U	0.260	1.00	1	09/20/2015 17:21	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 17:21	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 17:21	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 17:21	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 17:21	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 17:21	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 17:21	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 17:21	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 17:21	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 17:21	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 17:21	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 17:21	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 17:21	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 17:21	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 17:21	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 17:21	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 17:21	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 17:21	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 17:21	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 17:21	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 17:21	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 17:21	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 17:21	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 17:21	WG816305
(S) Toluene-d8	104			90.0-115		09/20/2015 17:21	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 17:21	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 17:21	WG816305





Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	2070000		2820	10000	1	09/22/2015 12:55	WG816362

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	16.0	J	6.50	50.0	1	09/23/2015 14:19	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:20	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	30600		51.9	1000	1	09/23/2015 15:59	WG816225
Sulfate	1180000		1550	100000	20	09/24/2015 15:48	WG817423

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	23000		102	1000	1	09/21/2015 21:19	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:37	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	0.336	J	0.210	2.00	1	09/24/2015 16:51	WG816526
Arsenic	3.92		0.250	2.00	1	09/24/2015 16:51	WG816526
Barium	19.9		0.360	5.00	1	09/24/2015 16:51	WG816526
Beryllium	U		0.120	2.00	1	09/24/2015 16:51	WG816526
Cadmium	U		0.160	1.00	1	09/24/2015 16:51	WG816526
Chromium	1.43	J	0.540	2.00	1	09/24/2015 16:51	WG816526
Copper	1.57	J	0.520	5.00	1	09/24/2015 16:51	WG816526
Cobalt	2.66		0.260	2.00	1	09/24/2015 16:51	WG816526
Iron	989		15.0	100	1	09/24/2015 16:51	WG816526
Lead	2.09		0.240	2.00	1	09/24/2015 16:51	WG816526
Manganese	66.0		0.250	5.00	1	09/24/2015 16:51	WG816526
Nickel	12.1		0.350	2.00	1	09/24/2015 16:51	WG816526
Selenium	0.455	J	0.380	2.00	1	09/24/2015 16:51	WG816526
Silver	U		0.310	2.00	1	09/24/2015 16:51	WG816526
Thallium	U		0.190	2.00	1	09/24/2015 16:51	WG816526
Tin	0.606	J	0.300	2.00	1	09/24/2015 16:51	WG816526
Vanadium	1.51	J	0.180	5.00	1	09/24/2015 16:51	WG816526
Zinc	156		2.56	25.0	1	09/24/2015 16:51	WG816526



Collected date/time: 09/16/15 06:52

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 17:41	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 17:41	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 17:41	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 17:41	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 17:41	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 17:41	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 17:41	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 17:41	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 17:41	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 17:41	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 17:41	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 17:41	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 17:41	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 17:41	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 17:41	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 17:41	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 17:41	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 17:41	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 17:41	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 17:41	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 17:41	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 17:41	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 17:41	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 17:41	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 17:41	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 17:41	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 17:41	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 17:41	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 17:41	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 17:41	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 17:41	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 17:41	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 17:41	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 17:41	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 17:41	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 17:41	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 17:41	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 17:41	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 17:41	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 17:41	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 17:41	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 17:41	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 17:41	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 17:41	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 17:41	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 17:41	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 17:41	WG816305
(S) Toluene-d8	104			90.0-115		09/20/2015 17:41	WG816305
(S) Dibromofluoromethane	103			79.0-121		09/20/2015 17:41	WG816305
(S) 4-Bromofluorobenzene	102			80.1-120		09/20/2015 17:41	WG816305

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	326000		2820	10000	1	09/22/2015 12:58	WG816362

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	11.0	J	6.50	50.0	1	09/23/2015 14:19	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:21	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	6560		51.9	1000	1	09/23/2015 16:13	WG816225
Sulfate	12200		77.4	5000	1	09/23/2015 16:13	WG816225

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1370		102	1000	1	09/21/2015 21:35	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:39	WG815956

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/23/2015 21:34	WG816527
Arsenic	2.29		0.250	2.00	1	09/23/2015 21:34	WG816527
Barium	142	J6	0.360	5.00	1	09/23/2015 21:34	WG816527
Beryllium	U		0.120	2.00	1	09/23/2015 21:34	WG816527
Cadmium	U		0.160	1.00	1	09/23/2015 21:34	WG816527
Chromium	U		0.540	2.00	1	09/23/2015 21:34	WG816527
Copper	0.772	J	0.520	5.00	1	09/23/2015 21:34	WG816527
Cobalt	1.17	J	0.260	2.00	1	09/23/2015 21:34	WG816527
Iron	151		15.0	100	1	09/23/2015 21:34	WG816527
Lead	1.43	J	0.240	2.00	1	09/23/2015 21:34	WG816527
Manganese	49.4		0.250	5.00	1	09/23/2015 21:34	WG816527
Nickel	3.37		0.350	2.00	1	09/23/2015 21:34	WG816527
Selenium	U		0.380	2.00	1	09/23/2015 21:34	WG816527
Silver	U		0.310	2.00	1	09/23/2015 21:34	WG816527
Thallium	U		0.190	2.00	1	09/23/2015 21:34	WG816527
Tin	0.396	J	0.300	2.00	1	09/23/2015 21:34	WG816527
Vanadium	0.763	J	0.180	5.00	1	09/23/2015 21:34	WG816527
Zinc	36.2		2.56	25.0	1	09/23/2015 21:34	WG816527



Collected date/time: 09/16/15 07:12

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/20/2015 18:00	WG816305
Acrylonitrile	U		1.87	10.0	1	09/20/2015 18:00	WG816305
Benzene	U		0.331	1.00	1	09/20/2015 18:00	WG816305
Bromochloromethane	U		0.520	1.00	1	09/20/2015 18:00	WG816305
Bromodichloromethane	U		0.380	1.00	1	09/20/2015 18:00	WG816305
Bromoform	U		0.469	1.00	1	09/20/2015 18:00	WG816305
Bromomethane	U		0.866	5.00	1	09/20/2015 18:00	WG816305
Carbon disulfide	U		0.275	1.00	1	09/20/2015 18:00	WG816305
Carbon tetrachloride	U		0.379	1.00	1	09/20/2015 18:00	WG816305
Chlorobenzene	U		0.348	1.00	1	09/20/2015 18:00	WG816305
Chlorodibromomethane	U		0.327	1.00	1	09/20/2015 18:00	WG816305
Chloroethane	U		0.453	5.00	1	09/20/2015 18:00	WG816305
Chloroform	U		0.324	5.00	1	09/20/2015 18:00	WG816305
Chloromethane	U		0.276	2.50	1	09/20/2015 18:00	WG816305
Dibromomethane	U		0.346	1.00	1	09/20/2015 18:00	WG816305
1,2-Dibromoethane	U		0.381	1.00	1	09/20/2015 18:00	WG816305
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/20/2015 18:00	WG816305
1,2-Dichlorobenzene	U		0.349	1.00	1	09/20/2015 18:00	WG816305
1,4-Dichlorobenzene	U		0.274	1.00	1	09/20/2015 18:00	WG816305
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/20/2015 18:00	WG816305
1,1-Dichloroethane	U		0.259	1.00	1	09/20/2015 18:00	WG816305
1,2-Dichloroethane	U		0.361	1.00	1	09/20/2015 18:00	WG816305
1,1-Dichloroethene	U		0.398	1.00	1	09/20/2015 18:00	WG816305
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/20/2015 18:00	WG816305
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/20/2015 18:00	WG816305
1,2-Dichloropropane	U		0.306	1.00	1	09/20/2015 18:00	WG816305
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/20/2015 18:00	WG816305
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/20/2015 18:00	WG816305
Ethylbenzene	U		0.384	1.00	1	09/20/2015 18:00	WG816305
2-Hexanone	U		3.82	10.0	1	09/20/2015 18:00	WG816305
Iodomethane	U		1.71	10.0	1	09/20/2015 18:00	WG816305
2-Butanone (MEK)	U		3.93	15.0	1	09/20/2015 18:00	WG816305
Methylene Chloride	U		1.00	5.00	1	09/20/2015 18:00	WG816305
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/20/2015 18:00	WG816305
Styrene	U		0.307	1.00	1	09/20/2015 18:00	WG816305
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/20/2015 18:00	WG816305
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/20/2015 18:00	WG816305
Tetrachloroethene	U		0.372	1.00	1	09/20/2015 18:00	WG816305
Toluene	U		0.780	5.00	1	09/20/2015 18:00	WG816305
1,1,1-Trichloroethane	U		0.319	1.00	1	09/20/2015 18:00	WG816305
1,1,2-Trichloroethane	U		0.383	1.00	1	09/20/2015 18:00	WG816305
Trichloroethene	U		0.398	1.00	1	09/20/2015 18:00	WG816305
Trichlorofluoromethane	U		1.20	5.00	1	09/20/2015 18:00	WG816305
1,2,3-Trichloropropane	U		0.807	2.50	1	09/20/2015 18:00	WG816305
Vinyl acetate	U		1.63	10.0	1	09/20/2015 18:00	WG816305
Vinyl chloride	U		0.259	1.00	1	09/20/2015 18:00	WG816305
Xylenes, Total	U		1.06	3.00	1	09/20/2015 18:00	WG816305
(S) Toluene-d8	103			90.0-115		09/20/2015 18:00	WG816305
(S) Dibromofluoromethane	105			79.0-121		09/20/2015 18:00	WG816305
(S) 4-Bromofluorobenzene	101			80.1-120		09/20/2015 18:00	WG816305





Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	414000		2820	10000	1	09/21/2015 06:18	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	23.0	J	6.50	50.0	1	09/22/2015 10:28	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:22	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2360		51.9	1000	1	09/23/2015 20:04	WG817126
Sulfate	29000		77.4	5000	1	09/23/2015 20:04	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1200		102	1000	1	09/21/2015 21:47	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 15:59	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 00:53	WG816527
Arsenic	1.27	J	0.250	2.00	1	09/24/2015 00:53	WG816527
Barium	28.9		0.360	5.00	1	09/24/2015 00:53	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 00:53	WG816527
Cadmium	0.251	J	0.160	1.00	1	09/24/2015 00:53	WG816527
Chromium	0.755	J	0.540	2.00	1	09/24/2015 00:53	WG816527
Copper	U		0.520	5.00	1	09/24/2015 00:53	WG816527
Cobalt	0.337	J	0.260	2.00	1	09/24/2015 00:53	WG816527
Iron	51.4	J	15.0	100	1	09/24/2015 00:53	WG816527
Lead	0.834	J	0.240	2.00	1	09/24/2015 00:53	WG816527
Manganese	6.11		0.250	5.00	1	09/24/2015 00:53	WG816527
Nickel	4.75		0.350	2.00	1	09/24/2015 00:53	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 00:53	WG816527
Silver	U		0.310	2.00	1	09/24/2015 00:53	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 00:53	WG816527
Tin	0.351	J	0.300	2.00	1	09/24/2015 00:53	WG816527
Vanadium	0.318	J	0.180	5.00	1	09/24/2015 00:53	WG816527
Zinc	623		2.56	25.0	1	09/24/2015 00:53	WG816527



Collected date/time: 09/15/15 12:35

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 11:23	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 11:23	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 11:23	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 11:23	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 11:23	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 11:23	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 11:23	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 11:23	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 11:23	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 11:23	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 11:23	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 11:23	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 11:23	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 11:23	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 11:23	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 11:23	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 11:23	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 11:23	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 11:23	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 11:23	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 11:23	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 11:23	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 11:23	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 11:23	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 11:23	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 11:23	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 11:23	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 11:23	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 11:23	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 11:23	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 11:23	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 11:23	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 11:23	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 11:23	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 11:23	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 11:23	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 11:23	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 11:23	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 11:23	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 11:23	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 11:23	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 11:23	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 11:23	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 11:23	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 11:23	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 11:23	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 11:23	WG816415
(S) Toluene-d8	99.0			90.0-115		09/24/2015 11:23	WG816415
(S) Dibromofluoromethane	95.8			79.0-121		09/24/2015 11:23	WG816415
(S) 4-Bromofluorobenzene	97.7			80.1-120		09/24/2015 11:23	WG816415





Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	978000		2820	10000	1	09/21/2015 06:15	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	22.0	J	6.50	50.0	1	09/22/2015 10:28	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:23	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	121000		260	5000	5	09/23/2015 20:33	WG817126
Sulfate	21000		77.4	5000	1	09/24/2015 10:05	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	12500		102	1000	1	09/21/2015 22:03	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	0.231		0.0490	0.200	1	09/18/2015 16:01	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 00:56	WG816527
Arsenic	49.2		0.250	2.00	1	09/24/2015 00:56	WG816527
Barium	165		0.360	5.00	1	09/24/2015 00:56	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 00:56	WG816527
Cadmium	0.225	J	0.160	1.00	1	09/24/2015 00:56	WG816527
Chromium	1.31	J	0.540	2.00	1	09/24/2015 00:56	WG816527
Copper	1.08	J	0.520	5.00	1	09/24/2015 00:56	WG816527
Cobalt	76.1		0.260	2.00	1	09/24/2015 00:56	WG816527
Iron	13400		15.0	100	1	09/24/2015 00:56	WG816527
Lead	1.49	J	0.240	2.00	1	09/24/2015 00:56	WG816527
Manganese	442		0.250	5.00	1	09/24/2015 00:56	WG816527
Nickel	82.4		0.350	2.00	1	09/24/2015 00:56	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 00:56	WG816527
Silver	U		0.310	2.00	1	09/24/2015 00:56	WG816527
Thallium	2.23		0.190	2.00	1	09/24/2015 00:56	WG816527
Tin	0.360	J	0.300	2.00	1	09/24/2015 00:56	WG816527
Vanadium	0.572	J	0.180	5.00	1	09/24/2015 00:56	WG816527
Zinc	1490		2.56	25.0	1	09/24/2015 00:56	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 11:46	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 11:46	WG816415
Benzene	1.23		0.331	1.00	1	09/24/2015 11:46	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 11:46	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 11:46	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 11:46	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 11:46	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 11:46	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 11:46	WG816415
Chlorobenzene	1.08		0.348	1.00	1	09/24/2015 11:46	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 11:46	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 11:46	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 11:46	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 11:46	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 11:46	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 11:46	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 11:46	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 11:46	WG816415
1,4-Dichlorobenzene	2.07		0.274	1.00	1	09/24/2015 11:46	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 11:46	WG816415
1,1-Dichloroethane	12.1		0.259	1.00	1	09/24/2015 11:46	WG816415
1,2-Dichloroethane	0.422	U	0.361	1.00	1	09/24/2015 11:46	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 11:46	WG816415
cis-1,2-Dichloroethene	8.78		0.260	1.00	1	09/24/2015 11:46	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 11:46	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 11:46	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 11:46	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 11:46	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 11:46	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 11:46	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 11:46	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 11:46	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 11:46	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 11:46	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 11:46	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 11:46	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 11:46	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 11:46	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 11:46	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 11:46	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 11:46	WG816415
Trichloroethene	1.18		0.398	1.00	1	09/24/2015 11:46	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 11:46	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 11:46	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 11:46	WG816415
Vinyl chloride	2.00		0.259	1.00	1	09/24/2015 11:46	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 11:46	WG816415
(S) Toluene-d8	101			90.0-115		09/24/2015 11:46	WG816415
(S) Dibromofluoromethane	98.3			79.0-121		09/24/2015 11:46	WG816415
(S) 4-Bromofluorobenzene	98.0			80.1-120		09/24/2015 11:46	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	417000		2820	10000	1	09/23/2015 16:33	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/23/2015 14:20	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:24	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	6690		51.9	1000	1	09/23/2015 20:47	WG817126
Sulfate	3150	J	77.4	5000	1	09/23/2015 20:47	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	4580		102	1000	1	09/21/2015 22:16	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:04	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 00:59	WG816527
Arsenic	1.59	J	0.250	2.00	1	09/24/2015 00:59	WG816527
Barium	129		0.360	5.00	1	09/24/2015 00:59	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 00:59	WG816527
Cadmium	0.348	J	0.160	1.00	1	09/24/2015 00:59	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 00:59	WG816527
Copper	0.756	J	0.520	5.00	1	09/24/2015 00:59	WG816527
Cobalt	2.30		0.260	2.00	1	09/24/2015 00:59	WG816527
Iron	294		15.0	100	1	09/24/2015 00:59	WG816527
Lead	0.858	J	0.240	2.00	1	09/24/2015 00:59	WG816527
Manganese	1340		0.250	5.00	1	09/24/2015 00:59	WG816527
Nickel	4.00		0.350	2.00	1	09/24/2015 00:59	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 00:59	WG816527
Silver	U		0.310	2.00	1	09/24/2015 00:59	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 00:59	WG816527
Tin	U		0.300	2.00	1	09/24/2015 00:59	WG816527
Vanadium	0.535	J	0.180	5.00	1	09/24/2015 00:59	WG816527
Zinc	10.0	J	2.56	25.0	1	09/24/2015 00:59	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 12:09	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 12:09	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 12:09	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 12:09	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 12:09	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 12:09	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 12:09	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 12:09	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 12:09	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 12:09	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 12:09	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 12:09	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 12:09	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 12:09	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 12:09	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 12:09	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 12:09	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 12:09	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 12:09	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 12:09	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 12:09	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 12:09	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 12:09	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 12:09	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 12:09	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 12:09	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 12:09	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 12:09	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 12:09	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 12:09	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 12:09	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 12:09	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 12:09	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 12:09	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 12:09	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 12:09	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 12:09	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 12:09	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 12:09	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 12:09	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 12:09	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 12:09	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 12:09	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 12:09	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 12:09	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 12:09	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 12:09	WG816415
(S) Toluene-d8	100			90.0-115		09/24/2015 12:09	WG816415
(S) Dibromofluoromethane	97.2			79.0-121		09/24/2015 12:09	WG816415
(S) 4-Bromofluorobenzene	93.5			80.1-120		09/24/2015 12:09	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	210000		2820	10000	1	09/23/2015 16:33	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	11.0	J	6.50	50.0	1	09/23/2015 14:20	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:27	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	11700		51.9	1000	1	09/23/2015 21:02	WG817126
Sulfate	3950	J	77.4	5000	1	09/23/2015 21:02	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3780		102	1000	1	09/21/2015 22:30	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:06	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:01	WG816527
Arsenic	5.03		0.250	2.00	1	09/24/2015 01:01	WG816527
Barium	52.6		0.360	5.00	1	09/24/2015 01:01	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:01	WG816527
Cadmium	U		0.160	1.00	1	09/24/2015 01:01	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:01	WG816527
Copper	1.27	J	0.520	5.00	1	09/24/2015 01:01	WG816527
Cobalt	1.46	J	0.260	2.00	1	09/24/2015 01:01	WG816527
Iron	2360		15.0	100	1	09/24/2015 01:01	WG816527
Lead	2.13		0.240	2.00	1	09/24/2015 01:01	WG816527
Manganese	525		0.250	5.00	1	09/24/2015 01:01	WG816527
Nickel	2.05		0.350	2.00	1	09/24/2015 01:01	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:01	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:01	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:01	WG816527
Tin	0.346	J	0.300	2.00	1	09/24/2015 01:01	WG816527
Vanadium	1.12	J	0.180	5.00	1	09/24/2015 01:01	WG816527
Zinc	5.64	J	2.56	25.0	1	09/24/2015 01:01	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 12:32	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 12:32	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 12:32	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 12:32	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 12:32	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 12:32	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 12:32	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 12:32	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 12:32	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 12:32	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 12:32	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 12:32	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 12:32	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 12:32	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 12:32	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 12:32	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 12:32	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 12:32	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 12:32	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 12:32	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 12:32	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 12:32	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 12:32	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 12:32	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 12:32	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 12:32	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 12:32	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 12:32	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 12:32	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 12:32	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 12:32	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 12:32	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 12:32	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 12:32	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 12:32	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 12:32	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 12:32	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 12:32	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 12:32	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 12:32	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 12:32	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 12:32	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 12:32	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 12:32	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 12:32	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 12:32	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 12:32	WG816415
(S) Toluene-d8	99.5			90.0-115		09/24/2015 12:32	WG816415
(S) Dibromofluoromethane	94.9			79.0-121		09/24/2015 12:32	WG816415
(S) 4-Bromofluorobenzene	97.6			80.1-120		09/24/2015 12:32	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	279000		2820	10000	1	09/23/2015 16:31	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/23/2015 14:20	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:28	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1860		51.9	1000	1	09/23/2015 21:16	WG817126
Sulfate	4260	J	77.4	5000	1	09/23/2015 21:16	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1900		102	1000	1	09/21/2015 23:40	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:08	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:04	WG816527
Arsenic	1.31	J	0.250	2.00	1	09/24/2015 01:04	WG816527
Barium	32.7		0.360	5.00	1	09/24/2015 01:04	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:04	WG816527
Cadmium	0.165	J	0.160	1.00	1	09/24/2015 01:04	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:04	WG816527
Copper	1.42	J	0.520	5.00	1	09/24/2015 01:04	WG816527
Cobalt	0.369	J	0.260	2.00	1	09/24/2015 01:04	WG816527
Iron	248		15.0	100	1	09/24/2015 01:04	WG816527
Lead	1.13	J	0.240	2.00	1	09/24/2015 01:04	WG816527
Manganese	79.5		0.250	5.00	1	09/24/2015 01:04	WG816527
Nickel	0.474	J	0.350	2.00	1	09/24/2015 01:04	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:04	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:04	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:04	WG816527
Tin	U		0.300	2.00	1	09/24/2015 01:04	WG816527
Vanadium	0.599	J	0.180	5.00	1	09/24/2015 01:04	WG816527
Zinc	14.0	J	2.56	25.0	1	09/24/2015 01:04	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 13:48	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 13:48	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 13:48	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 13:48	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 13:48	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 13:48	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 13:48	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 13:48	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 13:48	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 13:48	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 13:48	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 13:48	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 13:48	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 13:48	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 13:48	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 13:48	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 13:48	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 13:48	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 13:48	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 13:48	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 13:48	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 13:48	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 13:48	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 13:48	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 13:48	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 13:48	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 13:48	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 13:48	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 13:48	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 13:48	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 13:48	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 13:48	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 13:48	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 13:48	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 13:48	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 13:48	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 13:48	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 13:48	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 13:48	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 13:48	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 13:48	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 13:48	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 13:48	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 13:48	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 13:48	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 13:48	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 13:48	WG816415
(S) Toluene-d8	100			90.0-115		09/24/2015 13:48	WG816415
(S) Dibromofluoromethane	96.3			79.0-121		09/24/2015 13:48	WG816415
(S) 4-Bromofluorobenzene	96.8			80.1-120		09/24/2015 13:48	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	631000		2820	10000	1	09/23/2015 16:32	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/23/2015 14:21	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	3.90	J	1.80	5.00	1	09/23/2015 18:30	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	109000		260	5000	5	09/23/2015 21:31	WG817126
Sulfate	4450	J	77.4	5000	1	09/24/2015 10:19	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	8190		102	1000	1	09/22/2015 00:08	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:15	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:07	WG816527
Arsenic	1.75	J	0.250	2.00	1	09/24/2015 01:07	WG816527
Barium	93.1		0.360	5.00	1	09/24/2015 01:07	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:07	WG816527
Cadmium	U		0.160	1.00	1	09/24/2015 01:07	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:07	WG816527
Copper	2.05	J	0.520	5.00	1	09/24/2015 01:07	WG816527
Cobalt	0.710	J	0.260	2.00	1	09/24/2015 01:07	WG816527
Iron	88.6	J	15.0	100	1	09/24/2015 01:07	WG816527
Lead	1.28	J	0.240	2.00	1	09/24/2015 01:07	WG816527
Manganese	74.2		0.250	5.00	1	09/24/2015 01:07	WG816527
Nickel	8.19		0.350	2.00	1	09/24/2015 01:07	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:07	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:07	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:07	WG816527
Tin	0.367	J	0.300	2.00	1	09/24/2015 01:07	WG816527
Vanadium	0.798	J	0.180	5.00	1	09/24/2015 01:07	WG816527
Zinc	6.37	J	2.56	25.0	1	09/24/2015 01:07	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 14:11	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 14:11	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 14:11	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 14:11	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 14:11	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 14:11	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 14:11	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 14:11	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 14:11	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 14:11	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 14:11	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 14:11	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 14:11	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 14:11	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 14:11	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 14:11	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 14:11	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 14:11	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 14:11	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 14:11	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 14:11	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 14:11	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 14:11	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 14:11	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 14:11	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 14:11	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 14:11	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 14:11	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 14:11	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 14:11	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 14:11	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 14:11	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 14:11	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 14:11	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 14:11	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 14:11	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 14:11	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 14:11	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 14:11	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 14:11	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 14:11	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 14:11	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 14:11	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 14:11	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 14:11	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 14:11	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 14:11	WG816415
(S) Toluene-d8	101			90.0-115		09/24/2015 14:11	WG816415
(S) Dibromofluoromethane	96.1			79.0-121		09/24/2015 14:11	WG816415
(S) 4-Bromofluorobenzene	97.1			80.1-120		09/24/2015 14:11	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	248000		2820	10000	1	09/21/2015 06:17	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	26.0	J	6.50	50.0	1	09/22/2015 10:29	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:31	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	11300		51.9	1000	1	09/23/2015 21:45	WG817126
Sulfate	7200		77.4	5000	1	09/23/2015 21:45	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2140		102	1000	1	09/22/2015 00:21	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:17	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:10	WG816527
Arsenic	1.30	J	0.250	2.00	1	09/24/2015 01:10	WG816527
Barium	30.3		0.360	5.00	1	09/24/2015 01:10	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:10	WG816527
Cadmium	U		0.160	1.00	1	09/24/2015 01:10	WG816527
Chromium	0.759	J	0.540	2.00	1	09/24/2015 01:10	WG816527
Copper	1.22	J	0.520	5.00	1	09/24/2015 01:10	WG816527
Cobalt	0.275	J	0.260	2.00	1	09/24/2015 01:10	WG816527
Iron	595		15.0	100	1	09/24/2015 01:10	WG816527
Lead	2.57		0.240	2.00	1	09/24/2015 01:10	WG816527
Manganese	14.9		0.250	5.00	1	09/24/2015 01:10	WG816527
Nickel	1.67	J	0.350	2.00	1	09/24/2015 01:10	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:10	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:10	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:10	WG816527
Tin	U		0.300	2.00	1	09/24/2015 01:10	WG816527
Vanadium	2.07	J	0.180	5.00	1	09/24/2015 01:10	WG816527
Zinc	22.2	J	2.56	25.0	1	09/24/2015 01:10	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 14:34	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 14:34	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 14:34	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 14:34	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 14:34	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 14:34	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 14:34	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 14:34	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 14:34	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 14:34	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 14:34	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 14:34	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 14:34	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 14:34	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 14:34	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 14:34	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 14:34	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 14:34	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 14:34	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 14:34	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 14:34	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 14:34	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 14:34	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 14:34	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 14:34	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 14:34	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 14:34	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 14:34	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 14:34	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 14:34	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 14:34	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 14:34	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 14:34	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 14:34	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 14:34	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 14:34	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 14:34	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 14:34	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 14:34	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 14:34	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 14:34	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 14:34	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 14:34	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 14:34	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 14:34	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 14:34	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 14:34	WG816415
(S) Toluene-d8	100			90.0-115		09/24/2015 14:34	WG816415
(S) Dibromofluoromethane	97.4			79.0-121		09/24/2015 14:34	WG816415
(S) 4-Bromofluorobenzene	95.2			80.1-120		09/24/2015 14:34	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	305000		2820	10000	1	09/23/2015 16:32	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/23/2015 14:21	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:32	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	14300		51.9	1000	1	09/23/2015 22:00	WG817126
Sulfate	2130	J	77.4	5000	1	09/23/2015 22:00	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3390		102	1000	1	09/22/2015 00:36	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:19	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:12	WG816527
Arsenic	3.27		0.250	2.00	1	09/24/2015 01:12	WG816527
Barium	74.7		0.360	5.00	1	09/24/2015 01:12	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:12	WG816527
Cadmium	U		0.160	1.00	1	09/24/2015 01:12	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:12	WG816527
Copper	0.951	J	0.520	5.00	1	09/24/2015 01:12	WG816527
Cobalt	1.06	J	0.260	2.00	1	09/24/2015 01:12	WG816527
Iron	1190		15.0	100	1	09/24/2015 01:12	WG816527
Lead	2.09		0.240	2.00	1	09/24/2015 01:12	WG816527
Manganese	547		0.250	5.00	1	09/24/2015 01:12	WG816527
Nickel	1.93	J	0.350	2.00	1	09/24/2015 01:12	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:12	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:12	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:12	WG816527
Tin	U		0.300	2.00	1	09/24/2015 01:12	WG816527
Vanadium	1.28	J	0.180	5.00	1	09/24/2015 01:12	WG816527
Zinc	6.86	J	2.56	25.0	1	09/24/2015 01:12	WG816527



Collected date/time: 09/16/15 11:45

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 14:57	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 14:57	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 14:57	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 14:57	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 14:57	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 14:57	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 14:57	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 14:57	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 14:57	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 14:57	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 14:57	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 14:57	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 14:57	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 14:57	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 14:57	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 14:57	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 14:57	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 14:57	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 14:57	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 14:57	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 14:57	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 14:57	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 14:57	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 14:57	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 14:57	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 14:57	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 14:57	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 14:57	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 14:57	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 14:57	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 14:57	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 14:57	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 14:57	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 14:57	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 14:57	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 14:57	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 14:57	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 14:57	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 14:57	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 14:57	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 14:57	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 14:57	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 14:57	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 14:57	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 14:57	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 14:57	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 14:57	WG816415
(S) Toluene-d8	101			90.0-115		09/24/2015 14:57	WG816415
(S) Dibromofluoromethane	94.9			79.0-121		09/24/2015 14:57	WG816415
(S) 4-Bromofluorobenzene	95.6			80.1-120		09/24/2015 14:57	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	337000		2820	10000	1	09/23/2015 16:32	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	9.00	J	6.50	50.0	1	09/23/2015 14:22	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:34	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	13600		51.9	1000	1	09/23/2015 22:14	WG817126
Sulfate	34700		77.4	5000	1	09/23/2015 22:14	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	6290		102	1000	1	09/22/2015 00:49	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:21	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:15	WG816527
Arsenic	4.01		0.250	2.00	1	09/24/2015 01:15	WG816527
Barium	99.6		0.360	5.00	1	09/24/2015 01:15	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:15	WG816527
Cadmium	3.19		0.160	1.00	1	09/24/2015 01:15	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:15	WG816527
Copper	1.62	J	0.520	5.00	1	09/24/2015 01:15	WG816527
Cobalt	5.95		0.260	2.00	1	09/24/2015 01:15	WG816527
Iron	3920		15.0	100	1	09/24/2015 01:15	WG816527
Lead	5.96		0.240	2.00	1	09/24/2015 01:15	WG816527
Manganese	3680		0.250	5.00	1	09/24/2015 01:15	WG816527
Nickel	5.89		0.350	2.00	1	09/24/2015 01:15	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:15	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:15	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:15	WG816527
Tin	U		0.300	2.00	1	09/24/2015 01:15	WG816527
Vanadium	1.80	J	0.180	5.00	1	09/24/2015 01:15	WG816527
Zinc	100		2.56	25.0	1	09/24/2015 01:15	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 15:20	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 15:20	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 15:20	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 15:20	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 15:20	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 15:20	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 15:20	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 15:20	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 15:20	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 15:20	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 15:20	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 15:20	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 15:20	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 15:20	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 15:20	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 15:20	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 15:20	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 15:20	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 15:20	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 15:20	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 15:20	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 15:20	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 15:20	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 15:20	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 15:20	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 15:20	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 15:20	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 15:20	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 15:20	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 15:20	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 15:20	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 15:20	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 15:20	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 15:20	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 15:20	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 15:20	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 15:20	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 15:20	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 15:20	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 15:20	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 15:20	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 15:20	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 15:20	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 15:20	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 15:20	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 15:20	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 15:20	WG816415
(S) Toluene-d8	101			90.0-115		09/24/2015 15:20	WG816415
(S) Dibromofluoromethane	95.2			79.0-121		09/24/2015 15:20	WG816415
(S) 4-Bromofluorobenzene	97.2			80.1-120		09/24/2015 15:20	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	209000		2820	10000	1	09/23/2015 16:33	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/23/2015 14:22	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:35	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	33700		51.9	1000	1	09/23/2015 22:57	WG817126
Sulfate	3070	J	77.4	5000	1	09/23/2015 22:57	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	6100		102	1000	1	09/22/2015 01:13	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:23	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:18	WG816527
Arsenic	2.90		0.250	2.00	1	09/24/2015 01:18	WG816527
Barium	42.6		0.360	5.00	1	09/24/2015 01:18	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:18	WG816527
Cadmium	U		0.160	1.00	1	09/24/2015 01:18	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:18	WG816527
Copper	2.01	J	0.520	5.00	1	09/24/2015 01:18	WG816527
Cobalt	0.864	J	0.260	2.00	1	09/24/2015 01:18	WG816527
Iron	1120		15.0	100	1	09/24/2015 01:18	WG816527
Lead	2.87		0.240	2.00	1	09/24/2015 01:18	WG816527
Manganese	149		0.250	5.00	1	09/24/2015 01:18	WG816527
Nickel	3.93		0.350	2.00	1	09/24/2015 01:18	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:18	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:18	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:18	WG816527
Tin	0.373	J	0.300	2.00	1	09/24/2015 01:18	WG816527
Vanadium	1.86	J	0.180	5.00	1	09/24/2015 01:18	WG816527
Zinc	8.74	J	2.56	25.0	1	09/24/2015 01:18	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 15:43	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 15:43	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 15:43	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 15:43	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 15:43	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 15:43	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 15:43	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 15:43	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 15:43	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 15:43	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 15:43	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 15:43	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 15:43	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 15:43	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 15:43	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 15:43	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 15:43	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 15:43	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 15:43	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 15:43	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 15:43	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 15:43	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 15:43	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 15:43	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 15:43	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 15:43	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 15:43	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 15:43	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 15:43	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 15:43	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 15:43	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 15:43	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 15:43	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 15:43	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 15:43	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 15:43	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 15:43	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 15:43	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 15:43	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 15:43	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 15:43	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 15:43	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 15:43	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 15:43	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 15:43	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 15:43	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 15:43	WG816415
(S) Toluene-d8	101			90.0-115		09/24/2015 15:43	WG816415
(S) Dibromofluoromethane	95.3			79.0-121		09/24/2015 15:43	WG816415
(S) 4-Bromofluorobenzene	97.2			80.1-120		09/24/2015 15:43	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	1620000		2820	10000	1	09/23/2015 16:33	WG816363

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	8.00	J	6.50	50.0	1	09/23/2015 14:22	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/23/2015 18:36	WG816896

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	655000		1040	20000	20	09/23/2015 23:26	WG817126
Sulfate	1760	J	77.4	5000	1	09/24/2015 10:34	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	58400		102	1000	1	09/22/2015 01:30	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:26	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	0.707	J	0.210	2.00	1	09/24/2015 01:26	WG816527
Arsenic	5.21		0.250	2.00	1	09/24/2015 01:26	WG816527
Barium	3610		0.360	5.00	1	09/24/2015 01:26	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:26	WG816527
Cadmium	U		0.160	1.00	1	09/24/2015 01:26	WG816527
Chromium	1.68	J	0.540	2.00	1	09/24/2015 01:26	WG816527
Copper	2.16	J	0.520	5.00	1	09/24/2015 01:26	WG816527
Cobalt	5.43		0.260	2.00	1	09/24/2015 01:26	WG816527
Iron	20200		15.0	100	1	09/24/2015 01:26	WG816527
Lead	1.08	J	0.240	2.00	1	09/24/2015 01:26	WG816527
Manganese	1460		0.250	5.00	1	09/24/2015 01:26	WG816527
Nickel	39.6		0.350	2.00	1	09/24/2015 01:26	WG816527
Selenium	0.511	J	0.380	2.00	1	09/24/2015 01:26	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:26	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:26	WG816527
Tin	4.49		0.300	2.00	1	09/24/2015 01:26	WG816527
Vanadium	0.864	J	0.180	5.00	1	09/24/2015 01:26	WG816527
Zinc	24.9	J	2.56	25.0	1	09/24/2015 01:26	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 16:06	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 16:06	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 16:06	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 16:06	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 16:06	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 16:06	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 16:06	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 16:06	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 16:06	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 16:06	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 16:06	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 16:06	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 16:06	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 16:06	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 16:06	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 16:06	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 16:06	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 16:06	WG816415
1,4-Dichlorobenzene	0.753	L	0.274	1.00	1	09/24/2015 16:06	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 16:06	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 16:06	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 16:06	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 16:06	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 16:06	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 16:06	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 16:06	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 16:06	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 16:06	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 16:06	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 16:06	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 16:06	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 16:06	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 16:06	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 16:06	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 16:06	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 16:06	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 16:06	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 16:06	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 16:06	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 16:06	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 16:06	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 16:06	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 16:06	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 16:06	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 16:06	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 16:06	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 16:06	WG816415
(S) Toluene-d8	100			90.0-115		09/24/2015 16:06	WG816415
(S) Dibromofluoromethane	97.7			79.0-121		09/24/2015 16:06	WG816415
(S) 4-Bromofluorobenzene	96.0			80.1-120		09/24/2015 16:06	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	437000		2820	10000	1	09/21/2015 06:18	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	18.0	J P1	6.50	50.0	1	09/22/2015 10:29	WG816620

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/24/2015 14:26	WG816897

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	16700		51.9	1000	1	09/23/2015 23:41	WG817126
Sulfate	8120		77.4	5000	1	09/23/2015 23:41	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1820		102	1000	1	09/22/2015 01:46	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:28	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:29	WG816527
Arsenic	1.07	J	0.250	2.00	1	09/24/2015 01:29	WG816527
Barium	44.0		0.360	5.00	1	09/24/2015 01:29	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:29	WG816527
Cadmium	0.429	J	0.160	1.00	1	09/24/2015 01:29	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:29	WG816527
Copper	1.42	J	0.520	5.00	1	09/24/2015 01:29	WG816527
Cobalt	U		0.260	2.00	1	09/24/2015 01:29	WG816527
Iron	17.8	J	15.0	100	1	09/24/2015 01:29	WG816527
Lead	1.33	J	0.240	2.00	1	09/24/2015 01:29	WG816527
Manganese	0.755	J	0.250	5.00	1	09/24/2015 01:29	WG816527
Nickel	0.767	J	0.350	2.00	1	09/24/2015 01:29	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:29	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:29	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:29	WG816527
Tin	0.342	J	0.300	2.00	1	09/24/2015 01:29	WG816527
Vanadium	0.488	J	0.180	5.00	1	09/24/2015 01:29	WG816527
Zinc	40.9		2.56	25.0	1	09/24/2015 01:29	WG816527



Collected date/time: 09/15/15 16:05

L789188

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 16:29	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 16:29	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 16:29	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 16:29	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 16:29	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 16:29	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 16:29	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 16:29	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 16:29	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 16:29	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 16:29	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 16:29	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 16:29	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 16:29	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 16:29	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 16:29	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 16:29	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 16:29	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 16:29	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 16:29	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 16:29	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 16:29	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 16:29	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 16:29	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 16:29	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 16:29	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 16:29	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 16:29	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 16:29	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 16:29	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 16:29	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 16:29	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 16:29	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 16:29	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 16:29	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 16:29	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 16:29	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 16:29	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 16:29	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 16:29	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 16:29	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 16:29	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 16:29	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 16:29	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 16:29	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 16:29	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 16:29	WG816415
(S) Toluene-d8	98.5			90.0-115		09/24/2015 16:29	WG816415
(S) Dibromofluoromethane	95.7			79.0-121		09/24/2015 16:29	WG816415
(S) 4-Bromofluorobenzene	96.1			80.1-120		09/24/2015 16:29	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dissolved Solids	25000		2820	10000	1	09/21/2015 06:13	WG815969

1 Cp

2 Tc

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	14.0	J	6.50	50.0	1	09/23/2015 14:23	WG816932

3 Ss

4 Cn

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Cyanide	U		1.80	5.00	1	09/24/2015 14:27	WG816897

5 Sr

6 Gl

Wet Chemistry by Method 9056

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	182	J	51.9	1000	1	09/24/2015 00:24	WG817126
Sulfate	U		77.4	5000	1	09/24/2015 00:24	WG817126

7 Al

8 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	130	J	102	1000	1	09/22/2015 02:00	WG816125

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0490	0.200	1	09/18/2015 16:30	WG815958

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Antimony	U		0.210	2.00	1	09/24/2015 01:31	WG816527
Arsenic	0.693	J	0.250	2.00	1	09/24/2015 01:31	WG816527
Barium	U		0.360	5.00	1	09/24/2015 01:31	WG816527
Beryllium	U		0.120	2.00	1	09/24/2015 01:31	WG816527
Cadmium	U		0.160	1.00	1	09/24/2015 01:31	WG816527
Chromium	U		0.540	2.00	1	09/24/2015 01:31	WG816527
Copper	U		0.520	5.00	1	09/24/2015 01:31	WG816527
Cobalt	U		0.260	2.00	1	09/24/2015 01:31	WG816527
Iron	U		15.0	100	1	09/24/2015 01:31	WG816527
Lead	1.09	J	0.240	2.00	1	09/24/2015 01:31	WG816527
Manganese	U		0.250	5.00	1	09/24/2015 01:31	WG816527
Nickel	U		0.350	2.00	1	09/24/2015 01:31	WG816527
Selenium	U		0.380	2.00	1	09/24/2015 01:31	WG816527
Silver	U		0.310	2.00	1	09/24/2015 01:31	WG816527
Thallium	U		0.190	2.00	1	09/24/2015 01:31	WG816527
Tin	0.332	J	0.300	2.00	1	09/24/2015 01:31	WG816527
Vanadium	0.390	J	0.180	5.00	1	09/24/2015 01:31	WG816527
Zinc	U		2.56	25.0	1	09/24/2015 01:31	WG816527



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	09/24/2015 08:55	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 08:55	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 08:55	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 08:55	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 08:55	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 08:55	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 08:55	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 08:55	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 08:55	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 08:55	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 08:55	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 08:55	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 08:55	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 08:55	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 08:55	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 08:55	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 08:55	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 08:55	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 08:55	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 08:55	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 08:55	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 08:55	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 08:55	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 08:55	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 08:55	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 08:55	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 08:55	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 08:55	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 08:55	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 08:55	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 08:55	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 08:55	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 08:55	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 08:55	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 08:55	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 08:55	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 08:55	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 08:55	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 08:55	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 08:55	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 08:55	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 08:55	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 08:55	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 08:55	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 08:55	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 08:55	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 08:55	WG816415
(S) Toluene-d8	101			90.0-115		09/24/2015 08:55	WG816415
(S) Dibromofluoromethane	97.9			79.0-121		09/24/2015 08:55	WG816415
(S) 4-Bromofluorobenzene	97.7			80.1-120		09/24/2015 08:55	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	09/24/2015 09:18	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 09:18	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 09:18	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 09:18	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 09:18	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 09:18	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 09:18	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 09:18	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 09:18	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 09:18	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 09:18	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 09:18	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 09:18	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 09:18	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 09:18	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 09:18	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 09:18	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 09:18	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 09:18	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 09:18	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 09:18	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 09:18	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 09:18	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 09:18	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 09:18	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 09:18	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 09:18	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 09:18	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 09:18	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 09:18	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 09:18	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 09:18	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 09:18	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 09:18	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 09:18	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 09:18	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 09:18	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 09:18	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 09:18	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 09:18	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 09:18	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 09:18	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 09:18	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 09:18	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 09:18	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 09:18	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 09:18	WG816415
(S) Toluene-d8	100			90.0-115		09/24/2015 09:18	WG816415
(S) Dibromofluoromethane	96.5			79.0-121		09/24/2015 09:18	WG816415
(S) 4-Bromofluorobenzene	96.5			80.1-120		09/24/2015 09:18	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	09/24/2015 05:49	WG816415
Acrylonitrile	U		1.87	10.0	1	09/24/2015 05:49	WG816415
Benzene	U		0.331	1.00	1	09/24/2015 05:49	WG816415
Bromochloromethane	U		0.520	1.00	1	09/24/2015 05:49	WG816415
Bromodichloromethane	U		0.380	1.00	1	09/24/2015 05:49	WG816415
Bromoform	U		0.469	1.00	1	09/24/2015 05:49	WG816415
Bromomethane	U		0.866	5.00	1	09/24/2015 05:49	WG816415
Carbon disulfide	U		0.275	1.00	1	09/24/2015 05:49	WG816415
Carbon tetrachloride	U		0.379	1.00	1	09/24/2015 05:49	WG816415
Chlorobenzene	U		0.348	1.00	1	09/24/2015 05:49	WG816415
Chlorodibromomethane	U		0.327	1.00	1	09/24/2015 05:49	WG816415
Chloroethane	U		0.453	5.00	1	09/24/2015 05:49	WG816415
Chloroform	U		0.324	5.00	1	09/24/2015 05:49	WG816415
Chloromethane	U		0.276	2.50	1	09/24/2015 05:49	WG816415
Dibromomethane	U		0.346	1.00	1	09/24/2015 05:49	WG816415
1,2-Dibromoethane	U		0.381	1.00	1	09/24/2015 05:49	WG816415
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	09/24/2015 05:49	WG816415
1,2-Dichlorobenzene	U		0.349	1.00	1	09/24/2015 05:49	WG816415
1,4-Dichlorobenzene	U		0.274	1.00	1	09/24/2015 05:49	WG816415
trans-1,4-Dichloro-2-butene	U		0.866	2.50	1	09/24/2015 05:49	WG816415
1,1-Dichloroethane	U		0.259	1.00	1	09/24/2015 05:49	WG816415
1,2-Dichloroethane	U		0.361	1.00	1	09/24/2015 05:49	WG816415
1,1-Dichloroethene	U		0.398	1.00	1	09/24/2015 05:49	WG816415
cis-1,2-Dichloroethene	U		0.260	1.00	1	09/24/2015 05:49	WG816415
trans-1,2-Dichloroethene	U		0.396	1.00	1	09/24/2015 05:49	WG816415
1,2-Dichloropropane	U		0.306	1.00	1	09/24/2015 05:49	WG816415
cis-1,3-Dichloropropene	U		0.418	1.00	1	09/24/2015 05:49	WG816415
trans-1,3-Dichloropropene	U		0.419	1.00	1	09/24/2015 05:49	WG816415
Ethylbenzene	U		0.384	1.00	1	09/24/2015 05:49	WG816415
2-Hexanone	U		3.82	10.0	1	09/24/2015 05:49	WG816415
Iodomethane	U		1.71	10.0	1	09/24/2015 05:49	WG816415
2-Butanone (MEK)	U		3.93	15.0	1	09/24/2015 05:49	WG816415
Methylene Chloride	U		1.00	5.00	1	09/24/2015 05:49	WG816415
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	09/24/2015 05:49	WG816415
Styrene	U		0.307	1.00	1	09/24/2015 05:49	WG816415
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	09/24/2015 05:49	WG816415
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	09/24/2015 05:49	WG816415
Tetrachloroethene	U		0.372	1.00	1	09/24/2015 05:49	WG816415
Toluene	U		0.780	5.00	1	09/24/2015 05:49	WG816415
1,1,1-Trichloroethane	U		0.319	1.00	1	09/24/2015 05:49	WG816415
1,1,2-Trichloroethane	U		0.383	1.00	1	09/24/2015 05:49	WG816415
Trichloroethene	U		0.398	1.00	1	09/24/2015 05:49	WG816415
Trichlorofluoromethane	U		1.20	5.00	1	09/24/2015 05:49	WG816415
1,2,3-Trichloropropane	U		0.807	2.50	1	09/24/2015 05:49	WG816415
Vinyl acetate	U		1.63	10.0	1	09/24/2015 05:49	WG816415
Vinyl chloride	U		0.259	1.00	1	09/24/2015 05:49	WG816415
Xylenes, Total	U		1.06	3.00	1	09/24/2015 05:49	WG816415
(S) Toluene-d8	101			90.0-115		09/24/2015 05:49	WG816415
(S) Dibromofluoromethane	95.1			79.0-121		09/24/2015 05:49	WG816415
(S) 4-Bromofluorobenzene	96.3			80.1-120		09/24/2015 05:49	WG816415

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Gl

⁷ Al

⁸ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

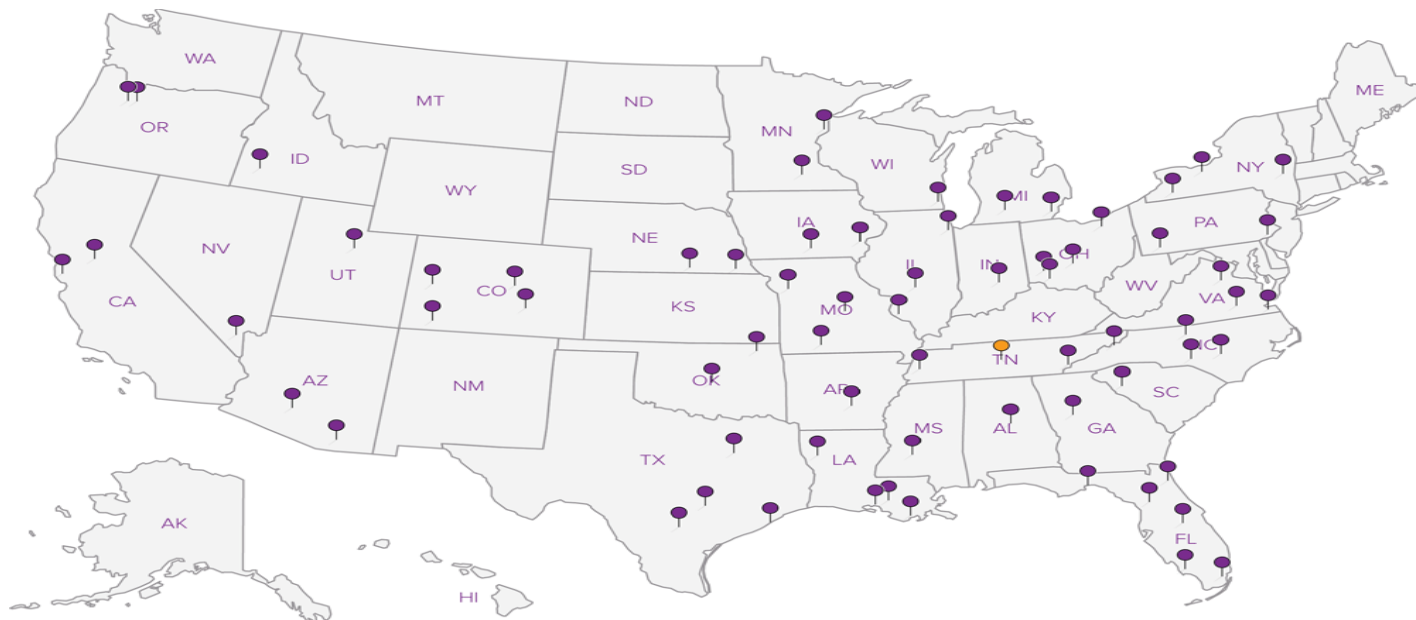
¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
Canada	1461.01	DOD	1461.01
EPA–Crypto	TN00003	USDA	S-67674

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Chimney Rock Consulting

7529 Counts Massie Road
North Little Rock, AR 72113

Report to:
Stacie Whitmer

Project
Description: Nabors Landfill

Phone: 501-812-4551
Fax:

Collected by (print):
Darrin Motley
Collected by (signature):
Darrin Motley

Immediately
Packed on Ice M Y X

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

No. of
Cntrs

MW-1

MW-2

MW-3

MW-4

MW-5

MW-6

MW-7

CAO-1

CAO-2

CAO-3

GW

GW

GW

GW

GW

GW

GW

GW

GW

GW

9-15-15

9-15-15

9-15-15

9-15-15

9-15-15

9-15-15

9-16-15

9-15-15

9-15-15

1446

1210

1317

1531

1601

1641

1007

1150

1130

7

7

7

7

7

7

7

7

7

7

CN 250mlHDPEAmb-NaOH

Cl, SO4, TDS 250mlHDPE-NoPres

M6010AP1 + Fe,Mn,Sn 500mlHDPE-HNO3

SULFIDE 125mlAmb-S-NaOH+ZnAc

TOC 250mlAmb-Septa-HCl

V8260AP1 40mlAmb-HCl

V8260AP1- Trip Blk 40mlAmb-HCl

>12

<2

>12

<2

* Matrix: SS - Soil GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other GW

Remarks: 644313678604 644313678626 874554808630
8648 8589 644313678567
8528

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Date:

Date:

Date:

Time:

Time:

Time:

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature)

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ☐ UPS

☒ FedEx ☐ Courier ☐ _____

Temp: 21.0 °C Bottles Received: 241

Date: 9/17/15 Time: 0900

Hold #

Condition: (lab use only)

COC Seal Intact: Y N NA

pH Checked:

NCF:

Chain of Custody Page ____ of ____



YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# 789188

D112

Acctnum: CHIROCKAR

Template: T98870

Prelogin: P522461

TSR: 134 - Mark W. Beasley

PB:

Shipped Via: FedEx Ground

Rem./Contaminant Sample # (lab only)

-01

-02

-03

-04

-05

-06

-07

-08

-09

Chimney Rock Consulting 7529 Counts Massie Road North Little Rock, AR 72113				Billing Information: Accounts Payable 7529 Counts Massie Road N. Little Rock, AR 72113				Analysis / Container / Preservative												Chain of Custody Page <u> </u> of <u> </u>	
				Report to: Stacie Whitmer				Email To: stacie@chimrockconsulting.com				 ESC L.A.B S.C.I.E.N.C.E.S YOUR LAB OF CHOICE 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859									
Project Description: Nabors Landfill				City/State Collected: Mountain Home Ar				CN 250mlHDPEAmb-NaOH Cl, SO4, TDS 250mlHDPE-NoPres M6010AP1 + Fe, Mn, Sn 500mlHDPE-HNO3 SULFIDE 125mlAmb-S-NaOH+ZnAc TOC 250mlAmb-Septa-HCl V8260AP1 40mlAmb-HCl V8260AP1- Trip Blk 40mlAmb-HCl <2 >12 <2												L# 789188	
Phone: 501-812-4551 Fax:		Client Project #		Lab Project # CHIROCKAR-NABORS		P.O. #														Table #	
Collected by (print): Darren Motley		Site/Facility ID #		Date Results Needed		Email? ☐ No ☒ Yes FAX? ☐ No ☐ Yes		No. of Cntrs		Acctnum: CHIROCKAR Template: T98870 Prelogin: P522461 TSR: 134 - Mark W. Beasley PB:											
Collected by (signature): [Signature]		Rush? (Lab MUST Be Notified) ☐ Same Day 200% ☐ Next Day 100% ☐ Two Day 50% ☐ Three Day 25%		Immediately Packed on Ice: N ☐ Y ☒		Shipped Via: FedEX Ground		Rem./Contaminant		Sample # (lab only)											
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time																
NAB-1		GW				7	X	X	X	X	X	X									
NAB-2	G	GW		9-16-15	834	7	X	X	X	X	X	X					-10				
NAB-3	G	GW		9-15-15	902	7	X	X	X	X	X	X					-11				
NAB-4	G	GW		9-15-15	1010	7	X	X	X	X	X	X					-12				
NAB-7	G	GW		9-15-15	1210	7	X	X	X	X	X	X					-13				
NAB-8	G	GW		9-16-15	630	7	X	X	X	X	X	X					-14				
MW-509D	G	GW		9-16-15	745	7	X	X	X	X	X	X					-15				
MW-577	G	GW		9-16-15	805	7	X	X	X	X	X	X					-16				
MW-689D	G	GW		9-15-15	932	7	X	X	X	X	X	X					-17				
MW-633D	G	GW		7-15-15	1106	7	X	X	X	X	X	X					-18				

* Matrix: SS - Soil GW - Groundwater WW - Waste/Water DW - Drinking Water OT - Other GW

pH Temp
 Flow Other

Remarks:

Relinquished by: (Signature) [Signature]	Date: 9-16-15	Time: 1320	Received by: (Signature) [Signature]	Samples returned via: ☒ UPS ☒ FedEx ☐ Courier ☐ _____	Condition: (lab use only) [Signature] TOI
Relinquished by: (Signature) [Signature]	Date:	Time:	Received by: (Signature) [Signature]	Temp: 21 °C Bottles Received: 241	COC Seal Intact: <u> </u> Y <u> </u> N <u> </u> NA
Relinquished by: (Signature) [Signature]	Date:	Time:	Received for lab by: (Signature) [Signature]	Date: 9/17/15 Time: 0900	pH Checked: <2, >12 NCF:

Chimney Rock Consulting

7529 Counts Massie Road
North Little Rock, AR 72113

Report to:
Stacie Whitmer

Project
Description: Nabors Landfill

Phone: 501-812-4551
Fax:

Collected by (print):
Darren Notkey

Collected by (signature):
Darren Notkey

Immediately
Packed on Ice N ☐ Y ☒

Billing Information:

Accounts Payable
7329 Counts Massie Road
N. Little Rock, AR 72113

Email To: stacie@chimrockconsulting.com

City/State
Collected: Maintain Home
Ar

Lab Project #
CHIROCKAR-NABORS

P.O. #

Date Results Needed

Email? ☐ No ☒ Yes

FAX? ☐ No ☐ Yes

No.
of
Cntrs

Analysis / Container / Preservative

CN 250mlHDPEAmb-NaOH	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe, Mn, Sn 500mlHDPE-HNO3	SULFIDE 125mlAmb-S-NaOH+ZnAc	TOC 250mlAmb-Septa-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl

Chain of Custody Page 1 of 1



YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# 789188

Table #

Acctnum: CHIROCKAR

Template: T98870

Prelogin: P522461

TSR: 134 - Mark W. Beasley

PB:

Shipped Via: FedEX Ground

Rem./Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CN 250mlHDPEAmb-NaOH	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe, Mn, Sn 500mlHDPE-HNO3	SULFIDE 125mlAmb-S-NaOH+ZnAc	TOC 250mlAmb-Septa-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl	Rem./Contaminant	Sample # (lab only)
NE-2	G	GW		9-16-15	652	7	X	X	X	X	X	X			-19
NE-3	G	GW		9-16-15	712	7	X	X	X	X	X	X			-20
NE-6	G	GW		9-15-15	1235	7	X	X	X	X	X	X			-21
MW-1R	G	GW		9-15-15	1416	7	X	X	X	X	X	X			-22
TSP-1		GW				7	X	X	X	X	X	X			
TSP-2		GW				7	X	X	X	X	X	X			
TSP-3	G	GW		9-16-15	7:26	7	X	X	X	X	X	X			-23
TSP-4		GW				7	X	X	X	X	X	X			
SP-4		GW				7	X	X	X	X	X	X			
SP-5		GW				7	X	X	X	X	X	X			

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other Cow

Remarks:

pH Temp

Flow Other

Hold #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Samples returned via: ☐ UPS

☒ FedEx ☐ Courier ☐

Condition: (lab use only)

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 21.6 °C Bottles Received: 241

COC Seal Intact: Y N NA

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 9/17/15 Time: 0900

pH Checked: NCF:

Chimney Rock Consulting

7529 Counts Massie Road
North Little Rock, AR 72113

Billing Information:

Accounts Payable
7529 Counts Massie Road
N. Little Rock, AR 72113

Report to:
Stacie Whitmer

Email To: stacie@chimrockconsulting.com

Project
Description: Nabors Landfill

City/State Mountain Home
Collected: AR

Phone: 501-812-4551
Fax:

Client Project #

Lab Project #
CHIROCKAR-NABORS

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Darren Motley
Darren Motley
Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed

Email? ____ No X Yes
FAX? ____ No ____ Yes

Immediately
Packed on Ice N ____ Y X

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	CN 250mlHDPEAmb-NaOH	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe, Mn, Sn 500mlHDPE-HNO3	SULFIDE 125mlAmb-S-NaOH+ZnAc	TOC 250mlAmb-Septa-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl					
SP-7	G	GW		9-16-15	1136	7	X	X	X	X	X	X						-24
SPRING-A	G	GW		9-16-15	1052	7	X	X	X	X	X	X						-25
SPRING-B	G	GW		9-16-15	1210	7	X	X	X	X	X	X						-26
SP-NE-3	G	GW		9-15-15	820	7	X	X	X	X	X	X						-27
LANDFILL ENTRANCE SEEP	G	GW		9-16-15	1145	7	X	X	X	X	X	X						-28
CLASS IV DRAW	G	GW		9-16-15	1035	7	X	X	X	X	X	X						-29
CLASS I DRAW	G	GW		9-16-15	1115	7	X	X	X	X	X	X						-30
LEACHATE	G	GW		9-16-15	1015	7	X	X	X	X	X	X						-31
DUPLICATE	G	GW		9-15-15	1605	7	X	X	X	X	X	X						-32
FIELD BLANK	G	GW		9-15-15	1610	7	X	X	X	X	X	X						-33

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other GW

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Samples returned via: ☐ UPS

☒ FedEx ☐ Courier ☐ _____

Hold #

Condition: (lab use only)

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 21 °C Bottles Received: 241

COC Seal Intact: ____ Y ____ N NA

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 9/17/15 Time: 0900

pH Checked: <2 >12

NCF:

Chain of Custody Page ____ of ____
ESC
L.A.B S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# 789188

Table #

Acctnum: CHIROCKAR

Template: T98870

Prelogin: P522461

TSR: 134 - Mark W. Beasley

PB:

Shipped Via: FedEX Ground

Rem./Contaminant Sample # (lab only)

Chimney Rock Consulting

7529 Counts Massie Road
North Little Rock, AR 72113

Billing Information:

Accounts Payable
7529 Counts Massie Road
N. Little Rock, AR 72113

Report to:
Stacie Whitmer

Email To: stacie@chimrockconsulting.com

Project
Description: Nabors Landfill

City/State: *Mountain Home, Ar*
Collected:

Phone: 501-812-4551
Fax:

Client Project #

Lab Project #
CHIROCKAR-NABORS

Collected by (print):
Darren Motley

Site/Facility ID #

P.O. #

Collected by (signature):
Darren Motley

Rush? (Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%
Three Day 25%

Date Results Needed

Email? ☐ No ☒ Yes

FAX? ☐ No ☐ Yes

Immediately
Packed on Ice ☒ Y ☐ N

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CN 250mlHDPEAmb-NaOH	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe, Mn, Sn 500mlHDPE-HNO3	SULFIDE 125mlAmb-S-NaOH+ZnAc	TOC 250mlAmb-Septa-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl				
		GW				7	X	X	X	X	X	X					
		GW				7	X	X	X	X	X	X					
		GW				7	X	X	X	X	X	X					
EQUIPMENT BLANK	6	GW		9-15-15	1615	2						X					-34
TRIP BLANK		GW		9-15-15	1620	18							X				-35

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Hold #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Samples returned via: ☐ UPS

☒ FedEx ☐ Courier ☐ _____

Condition: (lab use only)

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 0 °C Bottles Received:

2.1 241

COC Seal Intact: ☐ Y ☒ N ☐ NA

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 9/17/15

Time: 0900

pH Checked:

NCF:

<2, >12

Chain of Custody Page ____ of ____



YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# 789188

Table #

Acctnum: CHIROCKAR

Template: T98870

Prelogin: P522461

TSR: 134 - Mark W. Beasley

PB:

Shipped Via: FedEx Ground

Rem./Contaminant Sample # (lab only)

APPENDIX D

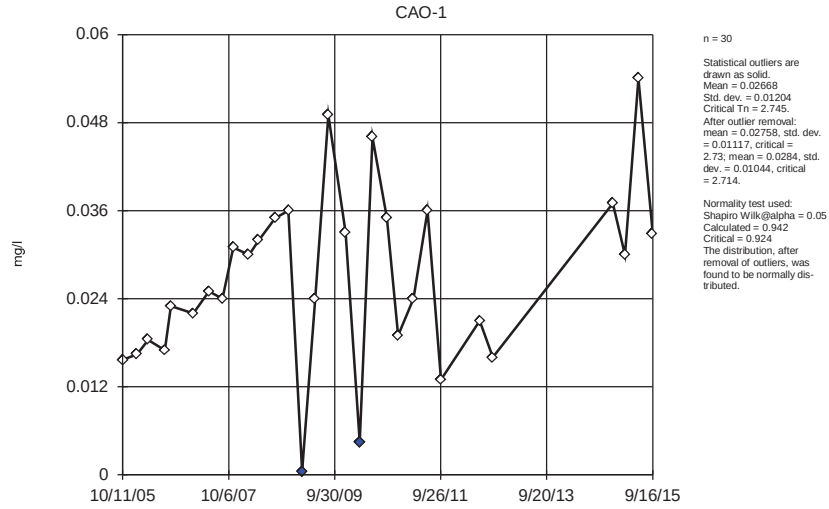
STATISTICAL DATABASE

**AN ELECTRONIC DATABASE FILE IS INCLUDED WITH THIS
REPORT SUBMITTAL**

APPENDIX E

STATISTICAL EVALUATION

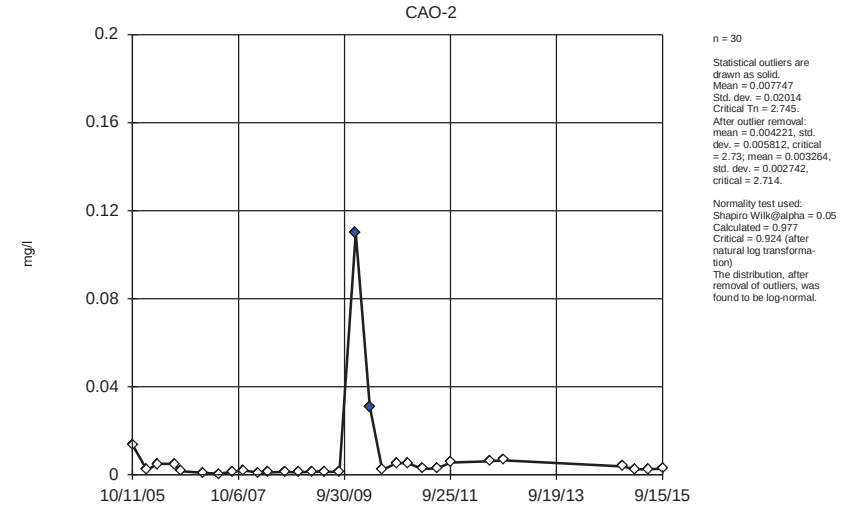
EPA 1989 Outlier Screening



Constituent: Arsenic Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

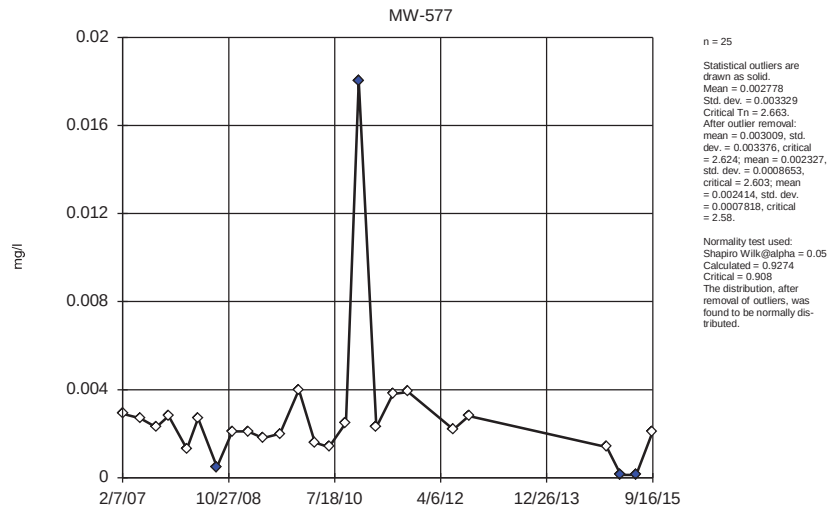
EPA 1989 Outlier Screening



Constituent: Arsenic Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

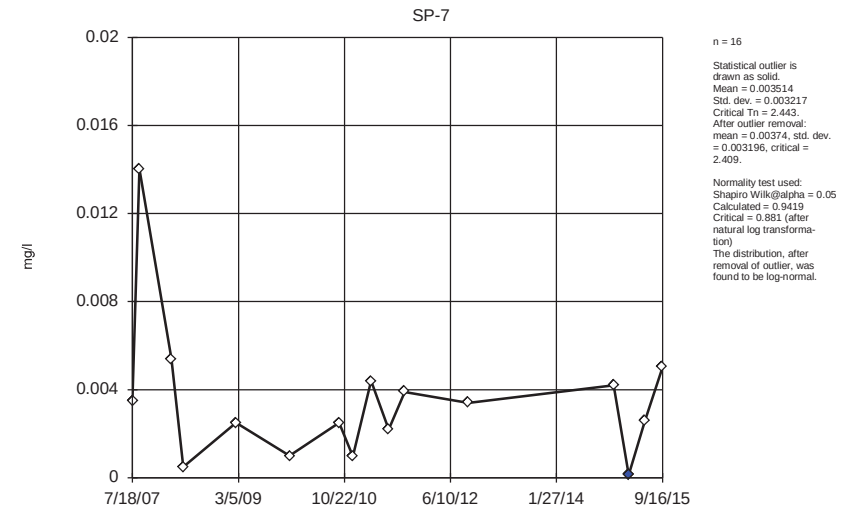
EPA 1989 Outlier Screening



Constituent: Arsenic Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

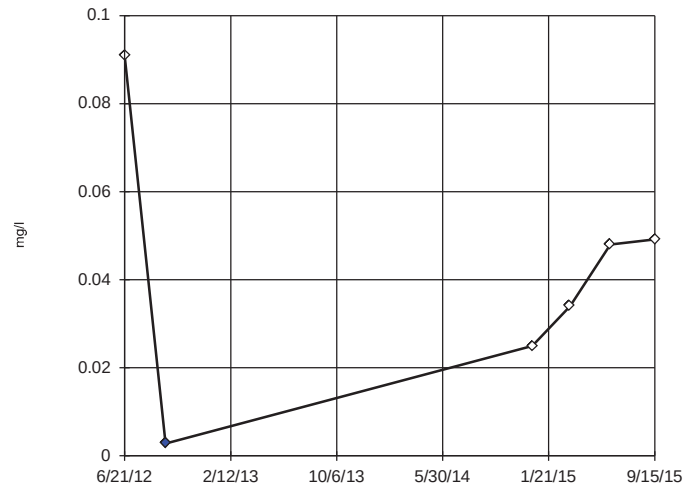


Constituent: Arsenic Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

MW-1R



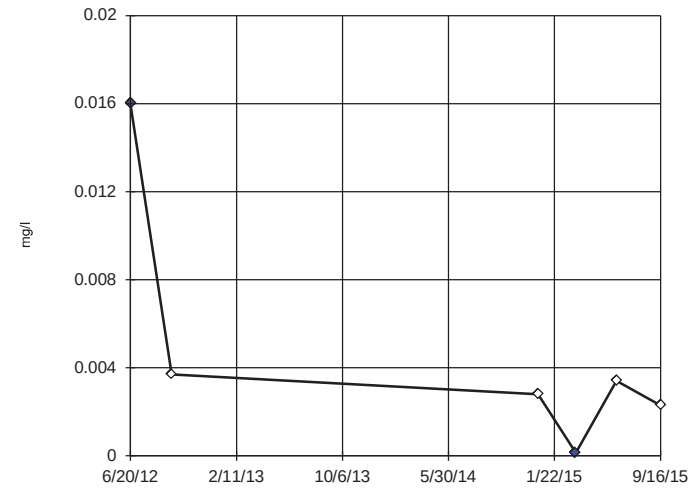
n = 6
Statistical outlier is drawn as solid.
Mean = 0.04167
Std. dev. = 0.02959
Critical Tn = 1.822.
After outlier removal:
mean = 0.04944, std. dev. = 0.02532, critical = 1.672.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9808
Critical = 0.762
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Arsenic Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NE-3



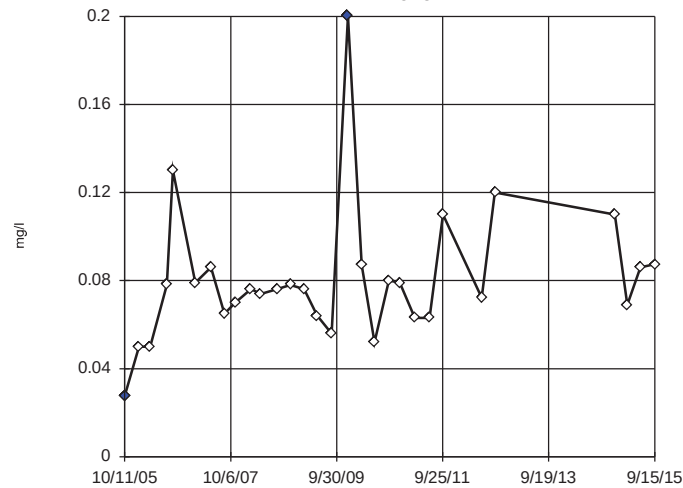
n = 6
Statistical outliers are drawn as solid.
Mean = 0.004719
Std. dev. = 0.00567
Critical Tn = 1.822.
After outlier removal:
mean = 0.005638, std. dev. = 0.005818, critical = 1.672; mean = 0.003048, std. dev. = 0.0006285, critical = 1.463.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9653
Critical = 0.748
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: Arsenic Analysis Run 10/7/2015 3:08 PM

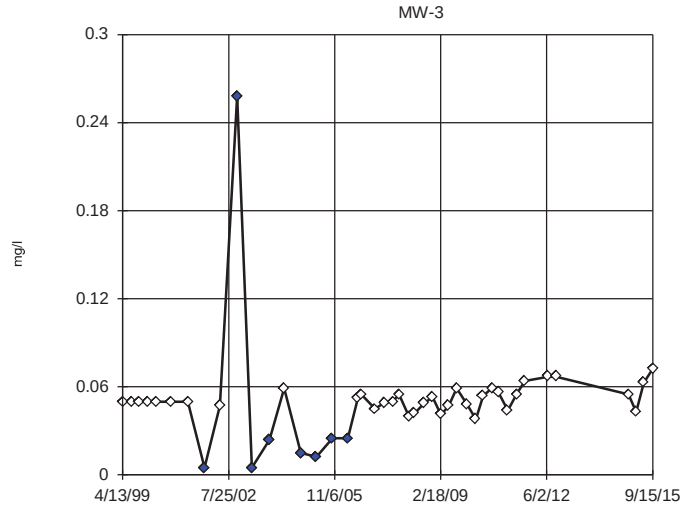
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

CAO-2



EPA 1989 Outlier Screening



Constituent: Barium Analysis Run 10/7/2015 3:08 PM

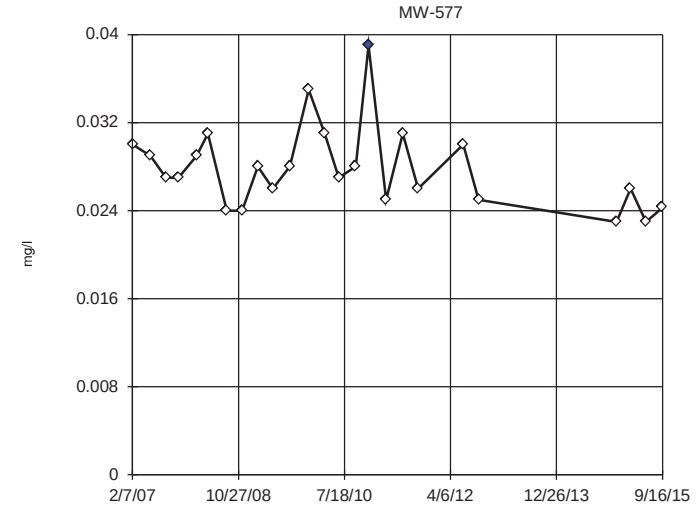
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

n = 44

Statistical outliers are drawn as solid.
Mean = 0.05109
Std. dev. = 0.0355
Critical Tn = 2.905.
After outlier removal:
mean = 0.05328, std. dev. = 0.03483, critical = 2.887; mean = 0.04829, std. dev. = 0.01305, critical = 2.877; mean = 0.04919, std. dev. = 0.01187, critical = 2.866; mean = 0.05006, std. dev. = 0.01064, critical = 2.857; m...

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9601
Critical = 0.935
The distribution, after removal of outliers, was found to be normally distributed.

EPA 1989 Outlier Screening



Constituent: Barium Analysis Run 10/7/2015 3:08 PM

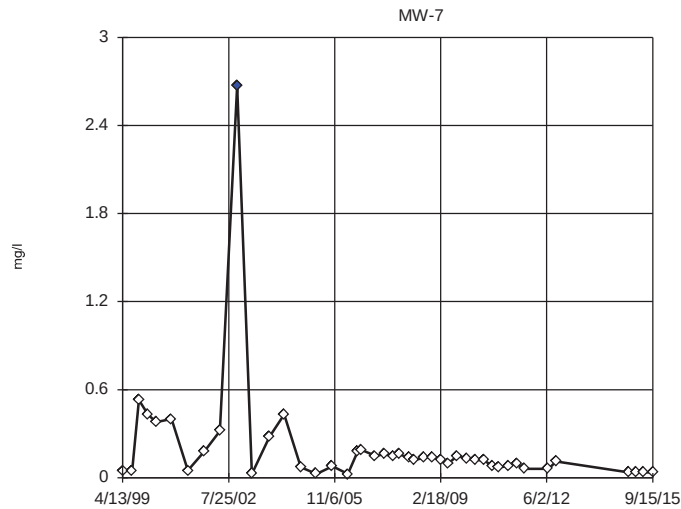
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

n = 25

Statistical outlier is drawn as solid.
Mean = 0.02785
Std. dev. = 0.003737
Critical Tn = 2.663.
After outlier removal:
mean = 0.02739, std. dev. = 0.00299, critical = 2.644.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9577
Critical = 0.916
The distribution, after removal of outlier, was found to be normally distributed.

EPA 1989 Outlier Screening



Constituent: Barium Analysis Run 10/7/2015 3:08 PM

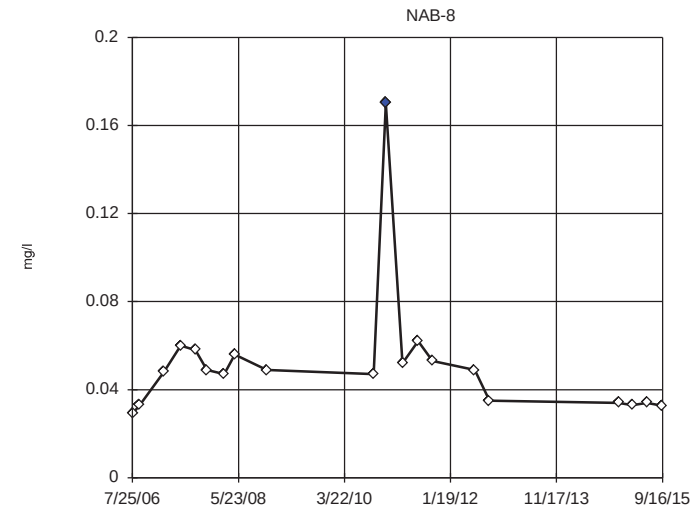
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

n = 44

Statistical outlier is drawn as solid.
Mean = 0.2039
Std. dev. = 0.3997
Critical Tn = 2.905.
After outlier removal:
mean = 0.1466, std. dev. = 0.1242, critical = 2.896.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9602
Critical = 0.943 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

EPA 1989 Outlier Screening



Constituent: Barium Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

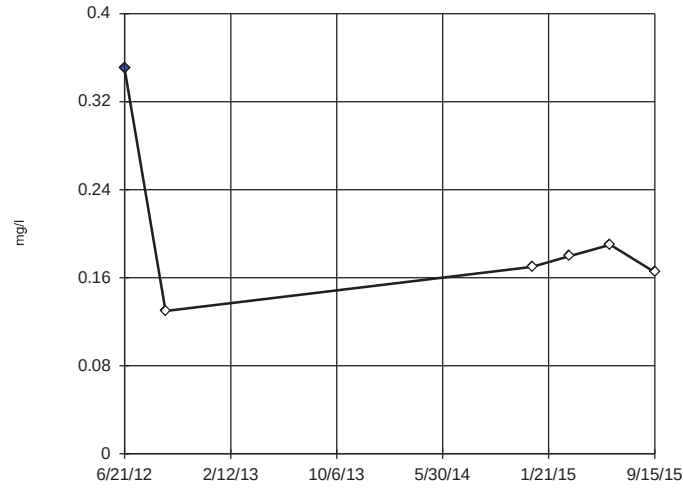
n = 20

Statistical outlier is drawn as solid.
Mean = 0.05154
Std. dev. = 0.02973
Critical Tn = 2.557.
After outlier removal:
mean = 0.0453, std. dev. = 0.01059, critical = 2.532.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9046
Critical = 0.901
The distribution, after removal of outlier, was found to be normally distributed.

EPA 1989 Outlier Screening

MW-1R



n = 6

Statistical outlier is drawn as solid.

Mean = 0.1975

Std. dev. = 0.07744

Critical Tn = 1.822

After outlier removal: mean = 0.167, std. dev. = 0.0228, critical = 1.672.

Normality test used: Shapiro Wilk@alpha = 0.05

Calculated = 0.9095

Critical = 0.762

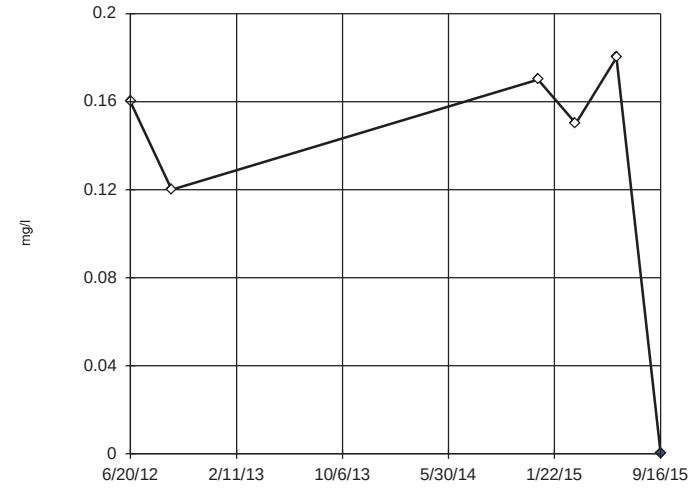
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Barium Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NE-3



n = 6

Statistical outlier is drawn as solid.

Mean = 0.13

Std. dev. = 0.06686

Critical Tn = 1.822

After outlier removal: mean = 0.156, std. dev. = 0.02302, critical = 1.672.

Normality test used: Shapiro Wilk@alpha = 0.05

Calculated = 0.9426

Critical = 0.762

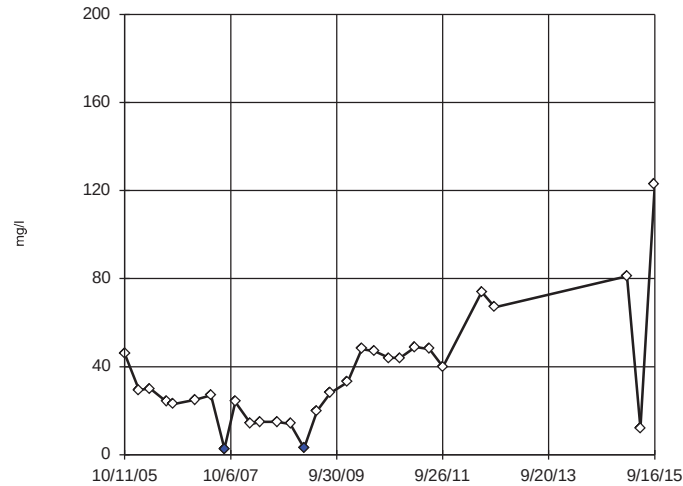
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Barium Analysis Run 10/7/2015 3:08 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

CAO-1



n = 29

Statistical outliers are drawn as solid.

Mean = 36.21

Std. dev. = 25.71

Critical Tn = 2.73

After outlier removal: mean = 37.41, std. dev. = 25.35, critical = 2.714; mean = 38.69, std. dev. = 24.9, critical = 2.698.

Normality test used: Shapiro Wilk@alpha = 0.05

Calculated = 0.9698

Critical = 0.923 (after natural log transformation)

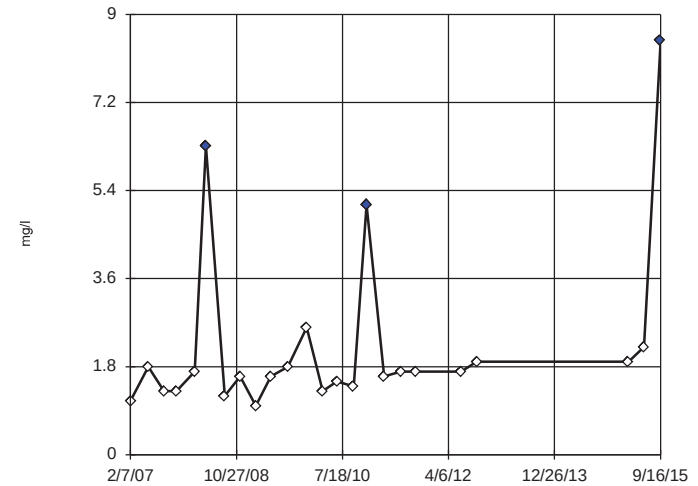
The distribution, after removal of outliers, was found to be log-normal.

Constituent: Chloride Analysis Run 10/7/2015 3:09 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

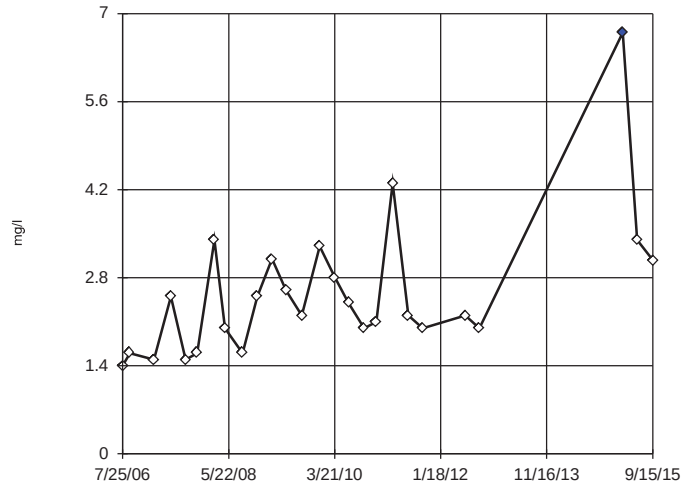
EPA 1989 Outlier Screening

MW-577



EPA 1989 Outlier Screening

NAB-7



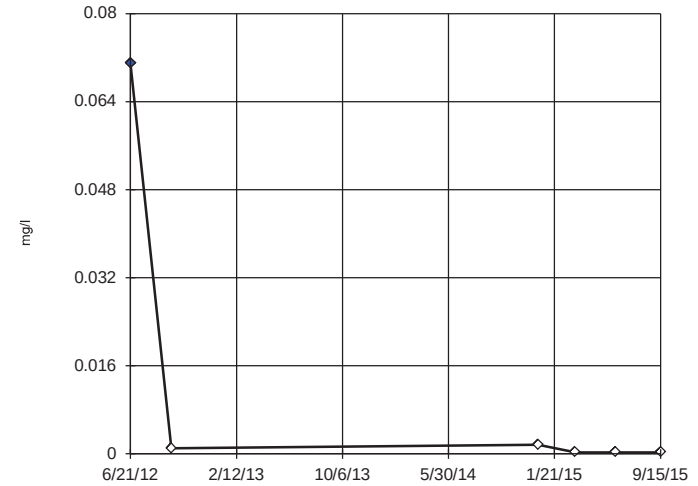
n = 26
Statistical outlier is drawn as solid.
Mean = 2.538
Std. dev. = 1.113
Critical Tn = 2.681
After outlier removal:
mean = 2.371, std. dev. = 0.7349, critical = 2.663.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9301
Critical = 0.919
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Chloride Analysis Run 10/7/2015 3:09 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

MW-1R



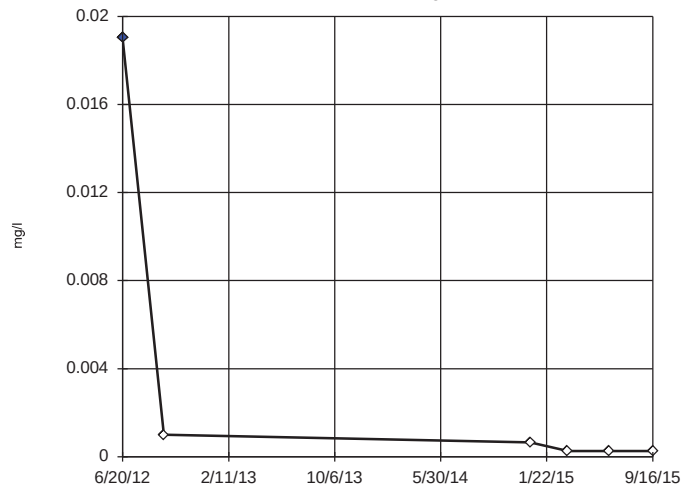
n = 6
Statistical outlier is drawn as solid.
Mean = 0.01241
Std. dev. = 0.02871
Critical Tn = 1.822
After outlier removal:
mean = 0.000696, std. dev. = 0.0006463, critical = 1.672.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.7719
Critical = 0.762
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Copper Analysis Run 10/7/2015 3:10 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NE-3



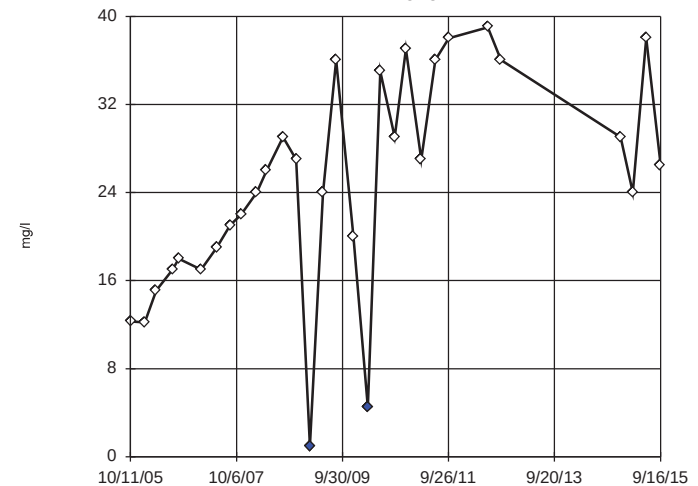
n = 6
Statistical outlier is drawn as solid.
Mean = 0.003573
Std. dev. = 0.007563
Critical Tn = 1.822
After outlier removal:
mean = 0.000489, std. dev. = 0.0003345, critical = 1.672.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.7732
Critical = 0.762
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Copper Analysis Run 10/7/2015 3:10 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

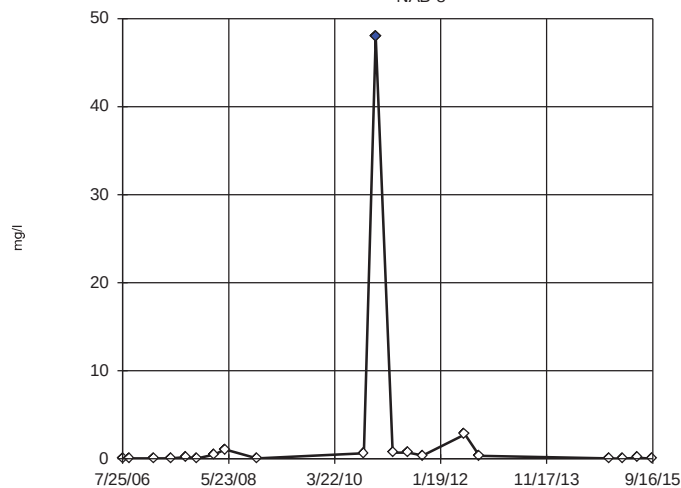
EPA 1989 Outlier Screening

CAO-1



EPA 1989 Outlier Screening

NAB-8



n = 20

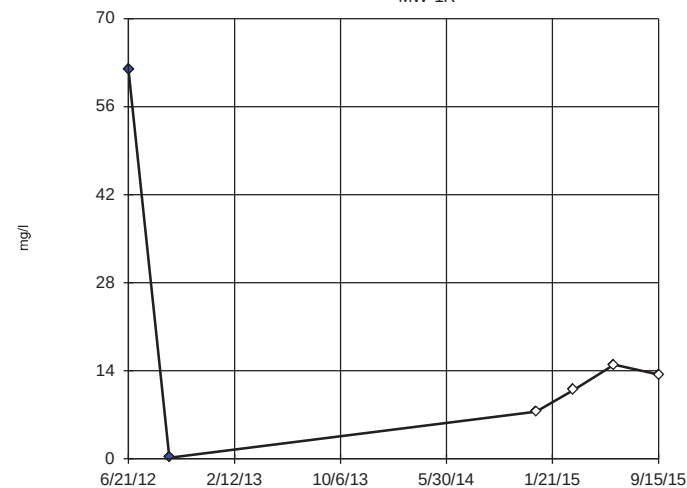
Statistical outlier is drawn as solid.
Mean = 2.801
Std. dev. = 10.66
Critical Tn = 2.557
After outlier removal:
mean = 0.4217, std. dev. = 0.6572, critical = 2.532.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.94
Critical = 0.901 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Iron Analysis Run 10/7/2015 3:10 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

MW-1R



n = 6

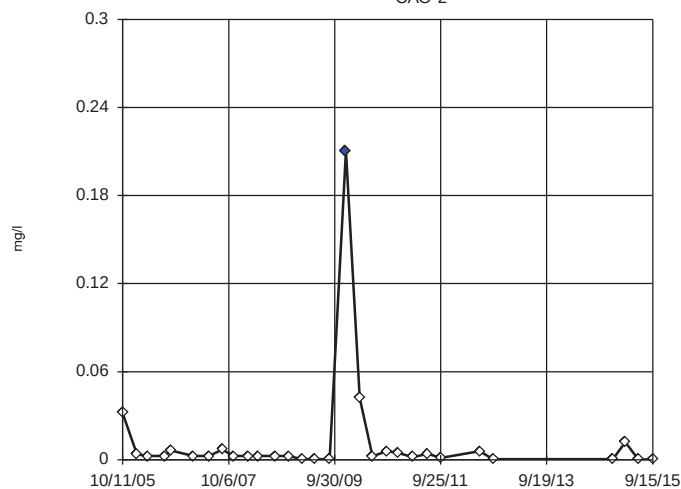
Statistical outliers are drawn as solid.
Mean = 18.19
Std. dev. = 22.1
Critical Tn = 1.522
After outlier removal:
mean = 21.78, std. dev. = 22.66, critical = 1.672;
mean = 11.73, std. dev. = 3.261, critical = 1.463.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9676
Critical = 0.748
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: Iron Analysis Run 10/7/2015 3:10 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

CAO-2



n = 30

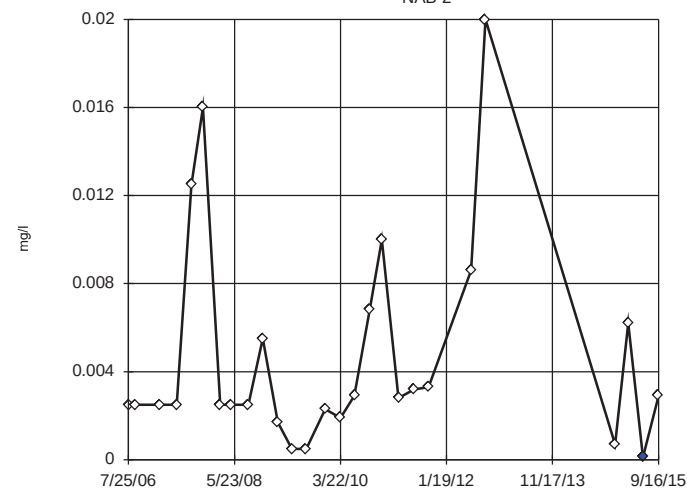
Statistical outlier is drawn as solid.
Mean = 0.01213
Std. dev. = 0.03845
Critical Tn = 2.745
After outlier removal:
mean = 0.005311, std. dev. = 0.009225, critical = 2.73.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9345
Critical = 0.926 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Lead Analysis Run 10/7/2015 3:10 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NAB-2



n = 27

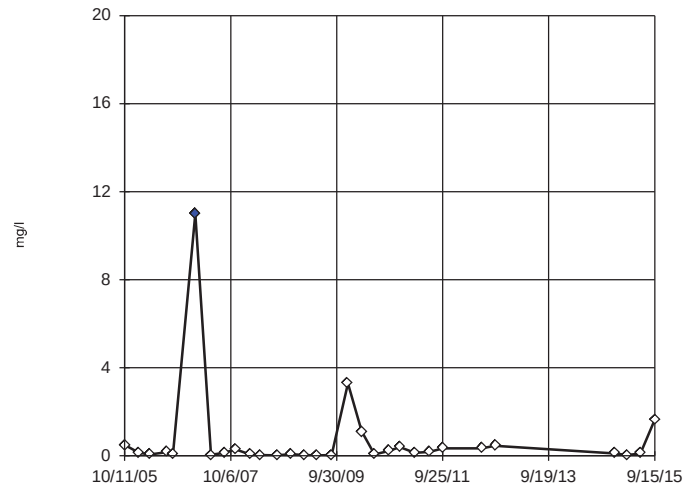
Statistical outlier is drawn as solid.
Mean = 0.004663
Std. dev. = 0.004869
Critical Tn = 2.698
After outlier removal:
mean = 0.004838, std. dev. = 0.004878, critical = 2.681.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9261
Critical = 0.92 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Lead Analysis Run 10/7/2015 3:11 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

CAO-2



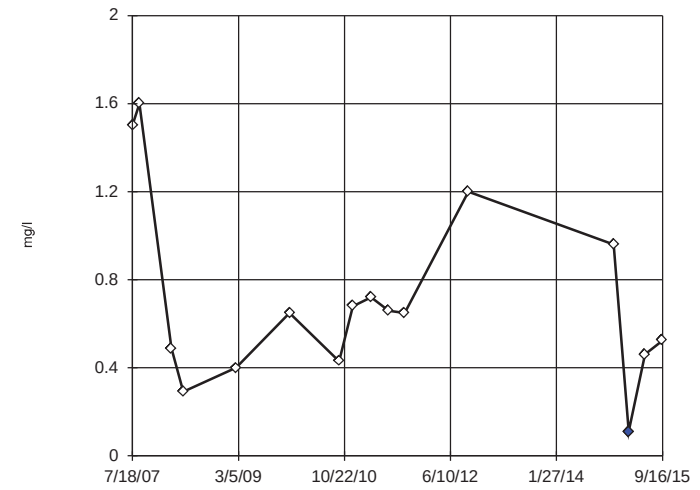
n = 30
Statistical outlier is drawn as solid.
Mean = 0.7084
Std. dev. = 2.051
Critical Tn = 2.745.
After outlier removal:
mean = 0.3535, std. dev. = 0.6664, critical = 2.73.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9829
Critical = 0.926 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Manganese Analysis Run 10/7/2015 3:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

SP-7



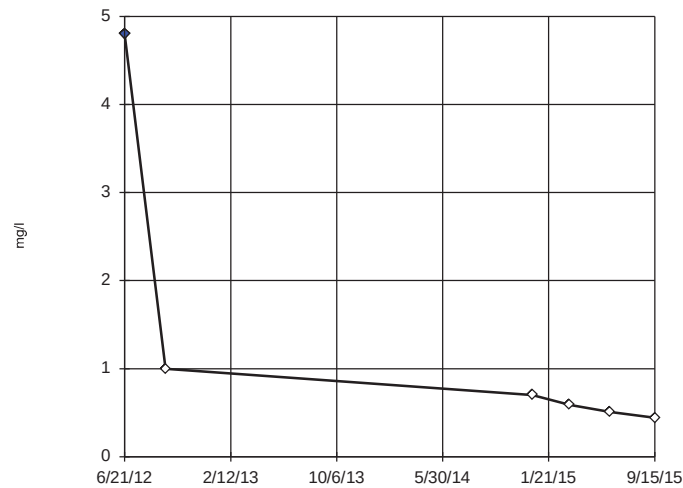
n = 16
Statistical outlier is drawn as solid.
Mean = 0.7078
Std. dev. = 0.4152
Critical Tn = 2.443.
After outlier removal:
mean = 0.7477, std. dev. = 0.3968, critical = 2.409.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9536
Critical = 0.881 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Manganese Analysis Run 10/7/2015 3:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

MW-1R



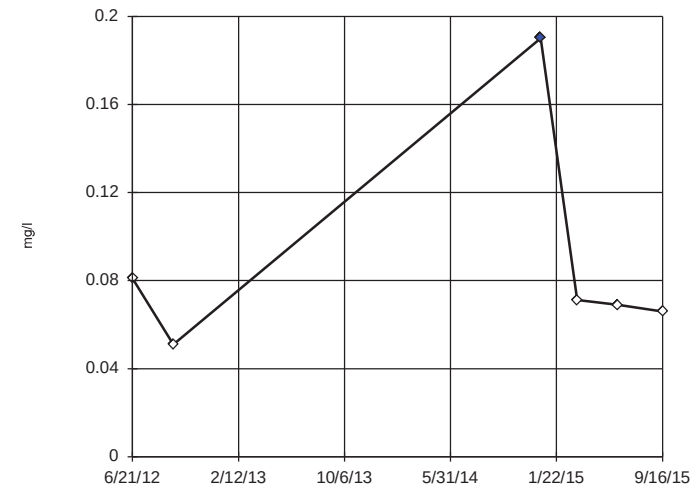
n = 6
Statistical outlier is drawn as solid.
Mean = 1.34
Std. dev. = 1.706
Critical Tn = 1.822.
After outlier removal:
mean = 0.6484, std. dev. = 0.2188, critical = 1.672.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9069
Critical = 0.762
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Manganese Analysis Run 10/7/2015 3:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NE-2



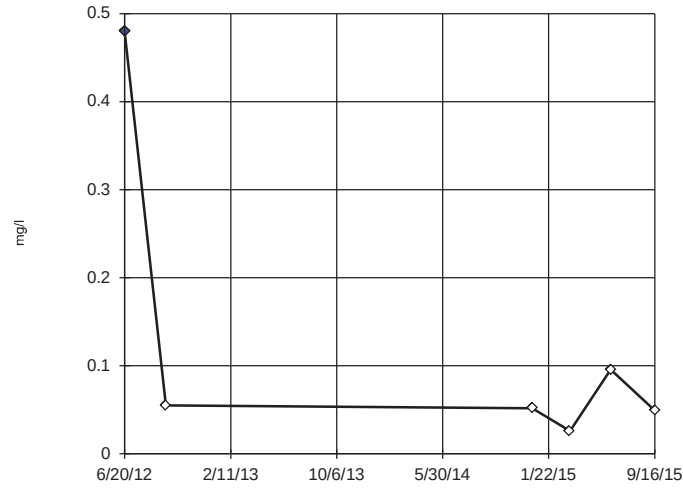
n = 6
Statistical outlier is drawn as solid.
Mean = 0.088
Std. dev. = 0.0509
Critical Tn = 1.822.
After outlier removal:
mean = 0.0676, std. dev. = 0.01085, critical = 1.672.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9488
Critical = 0.762
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Manganese Analysis Run 10/7/2015 3:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NE-3



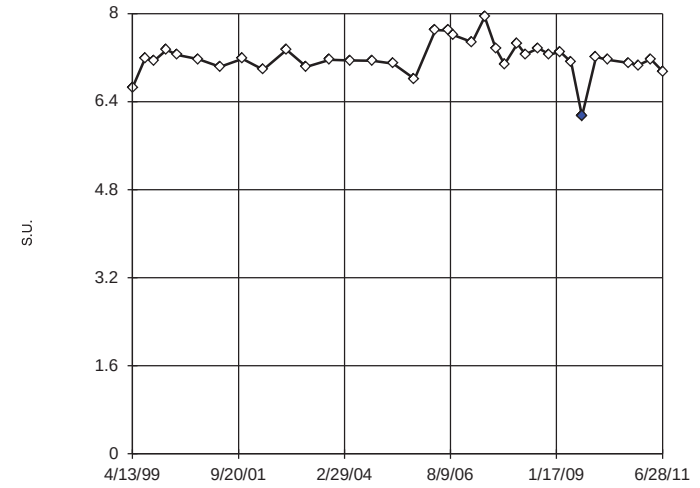
n = 6
Statistical outlier is drawn as solid.
Mean = 0.1264
Std. dev. = 0.1747
Critical Tn = 1.822
After outlier removal:
mean = 0.05568, std. dev. = 0.0253, critical = 1.672.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.8952
Critical = 0.762
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Manganese Analysis Run 10/7/2015 3:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

MW-4



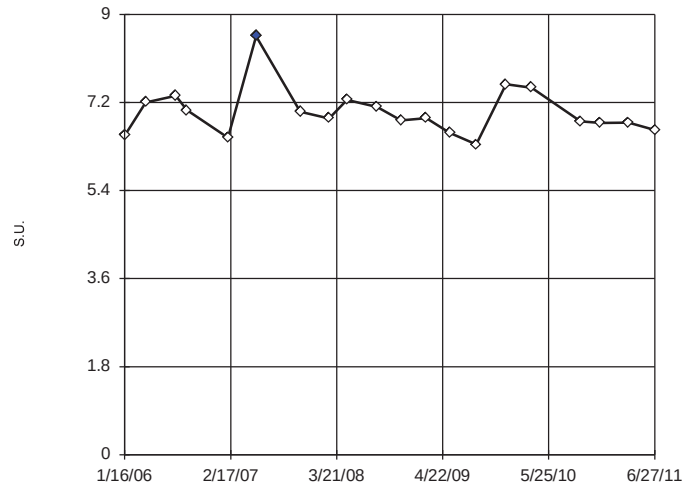
n = 36
Statistical outlier is drawn as solid.
Mean = 7.196
Std. dev. = 0.3063
Critical Tn = 2.823
After outlier removal:
mean = 7.226, std. dev. = 0.2507, critical = 2.811.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9501
Critical = 0.934
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: pH Analysis Run 10/7/2015 3:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

CAO-2



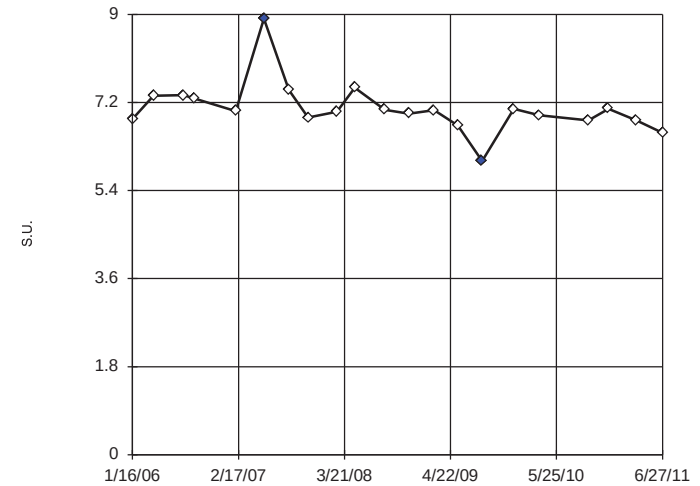
n = 20
Statistical outlier is drawn as solid.
Mean = 7.003
Std. dev. = 0.4947
Critical Tn = 2.557
After outlier removal:
mean = 6.922, std. dev. = 0.344, critical = 2.532.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9748
Critical = 0.901
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: pH Analysis Run 10/7/2015 3:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

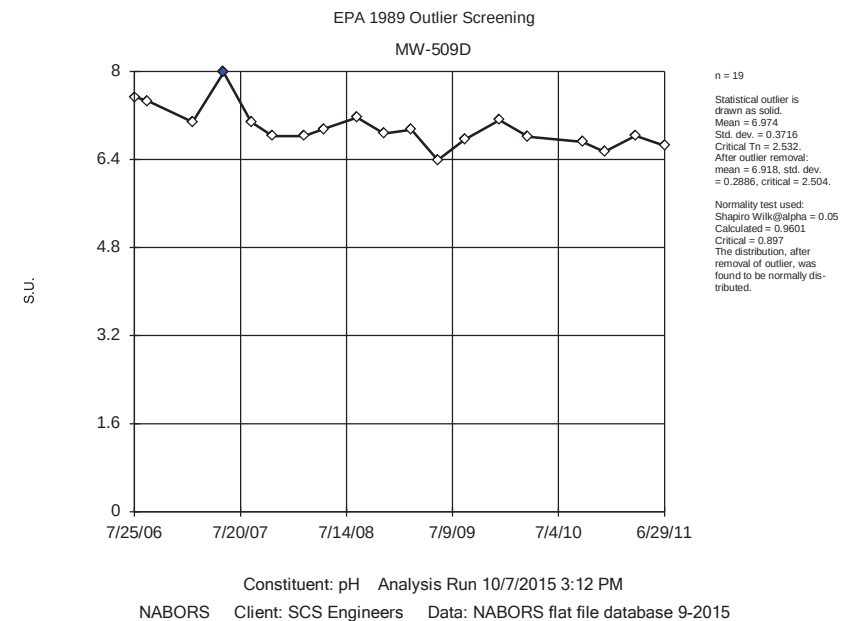
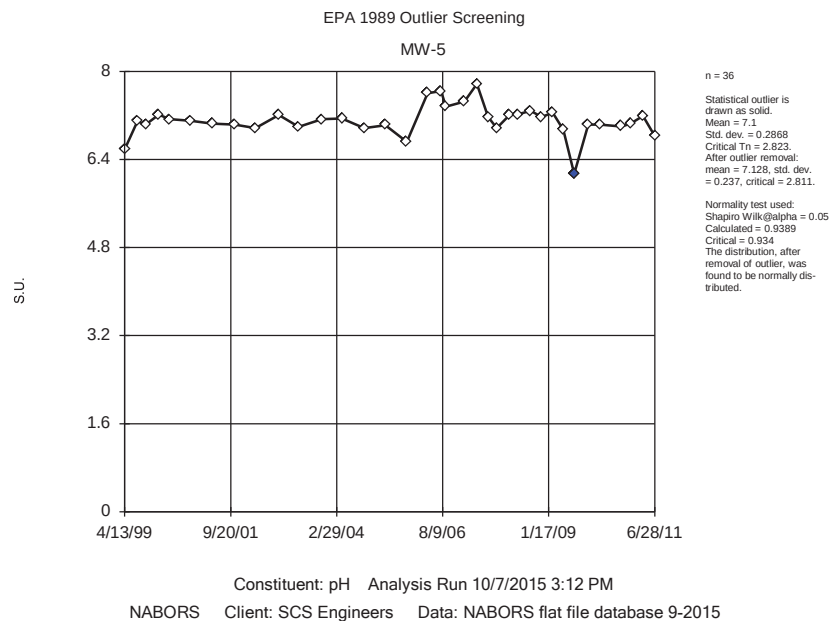
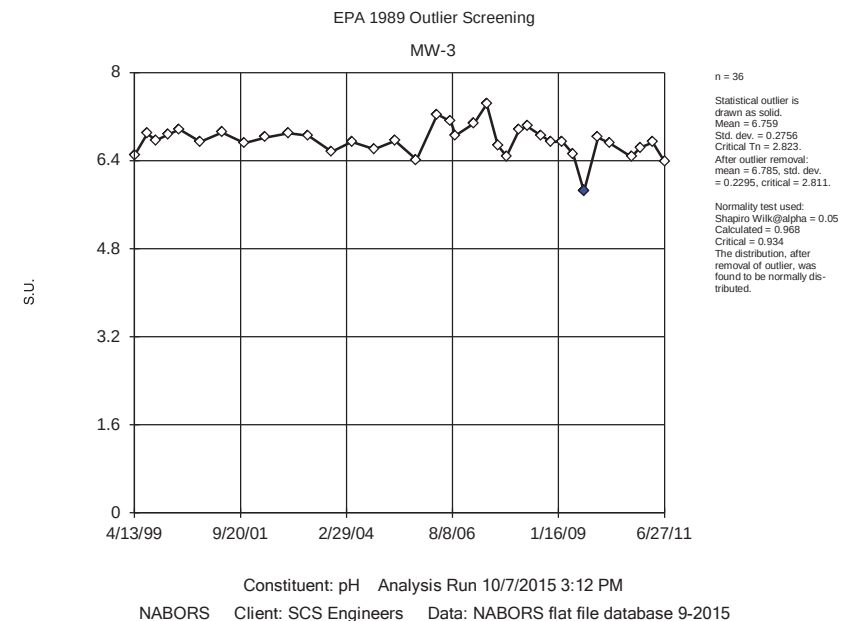
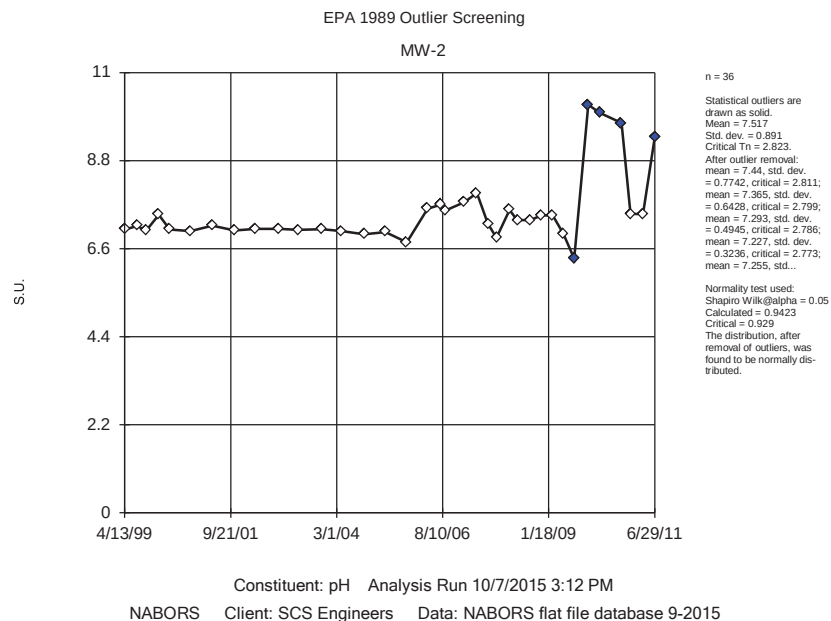
CAO-3

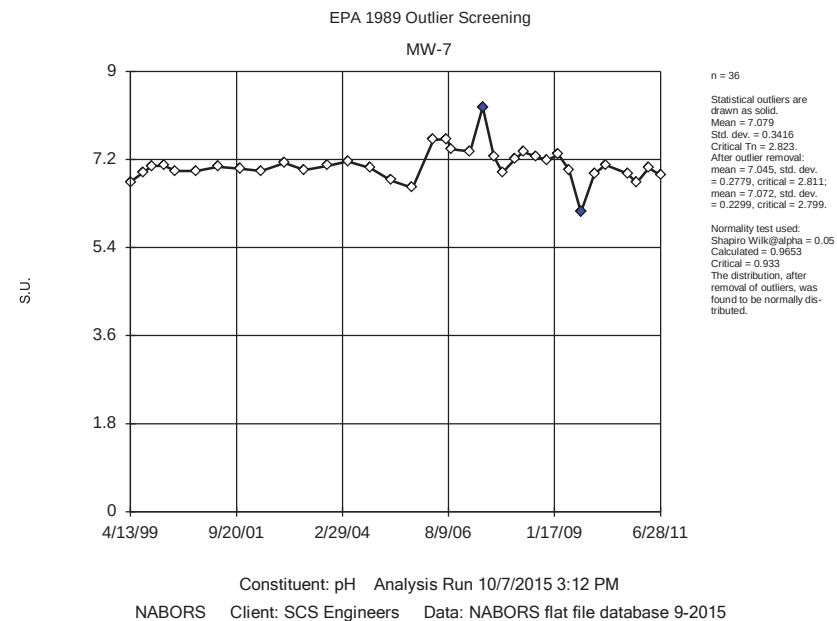
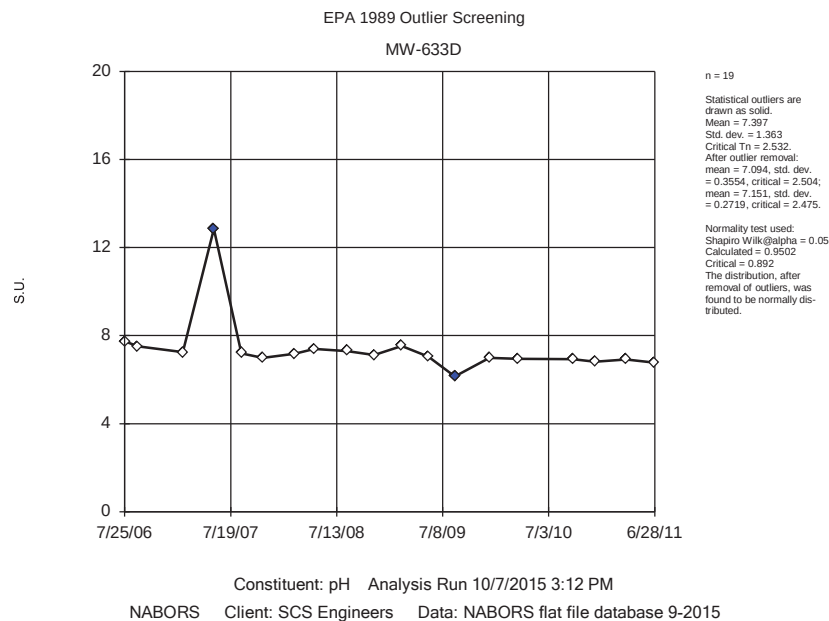
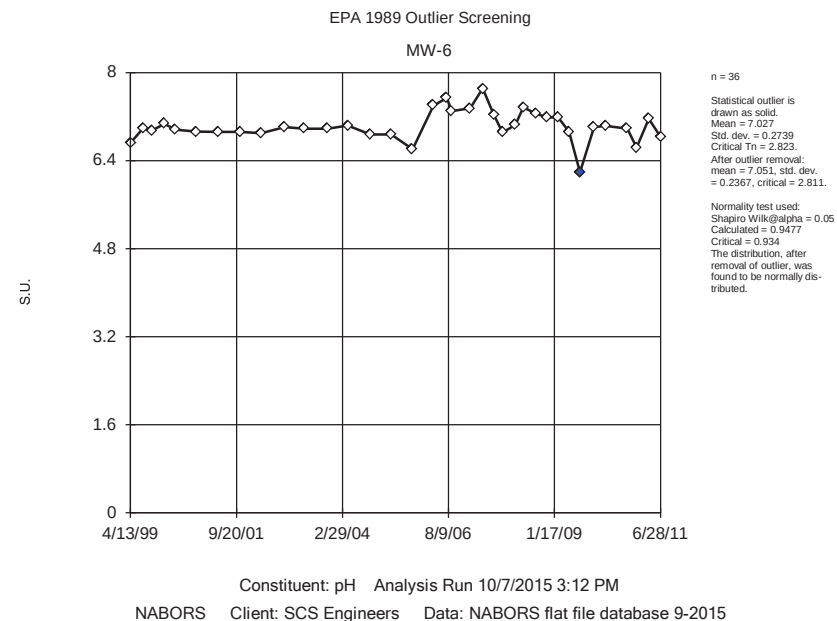
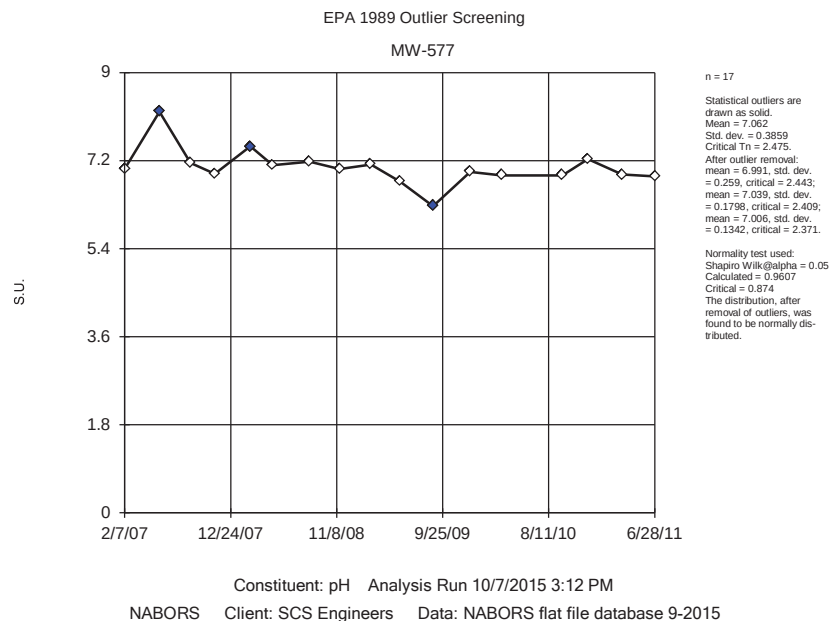


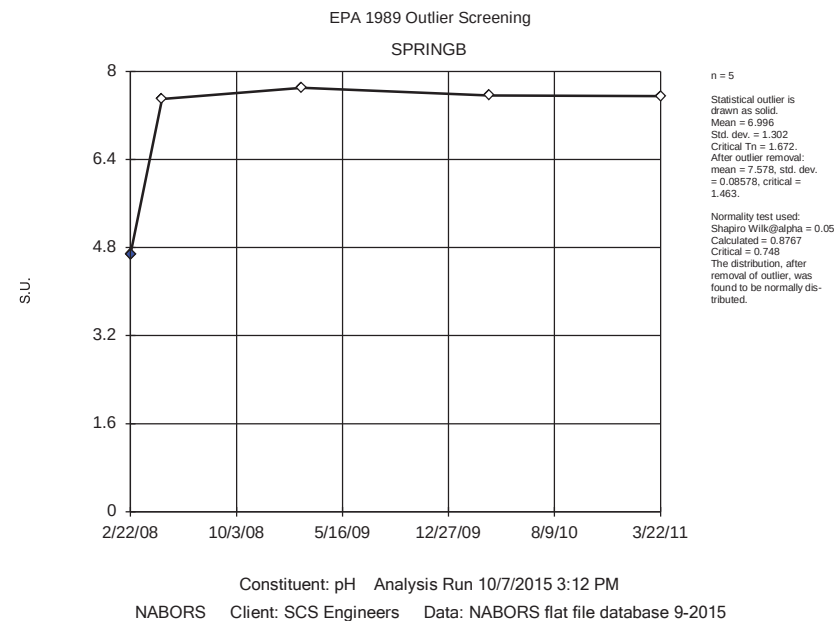
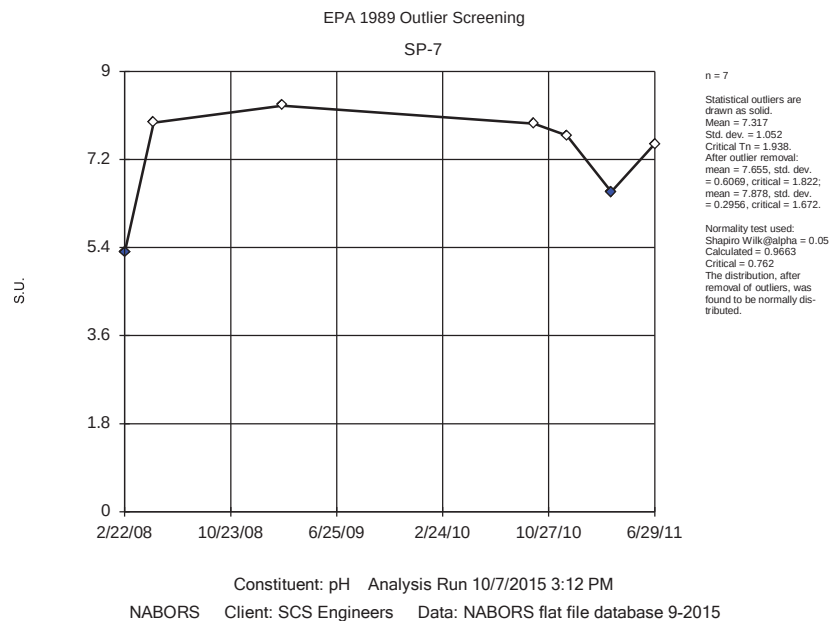
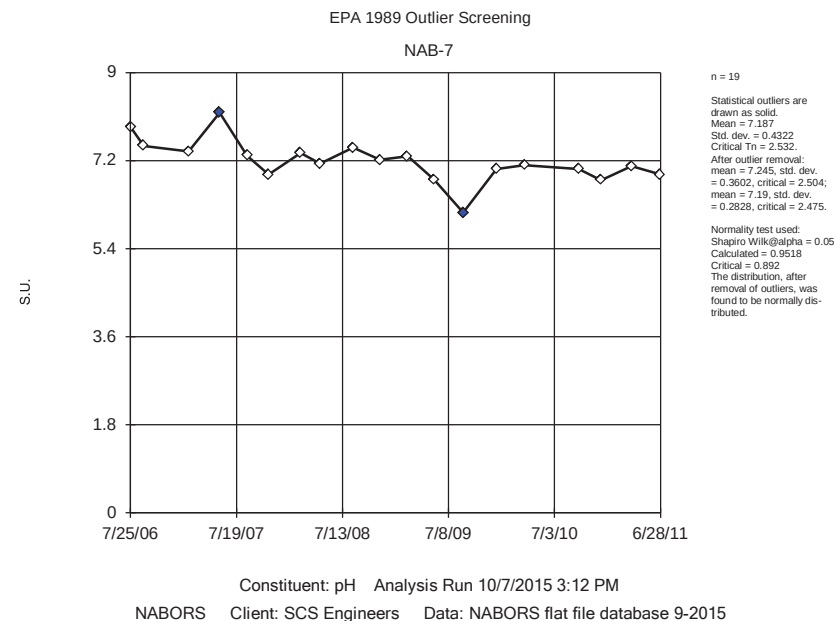
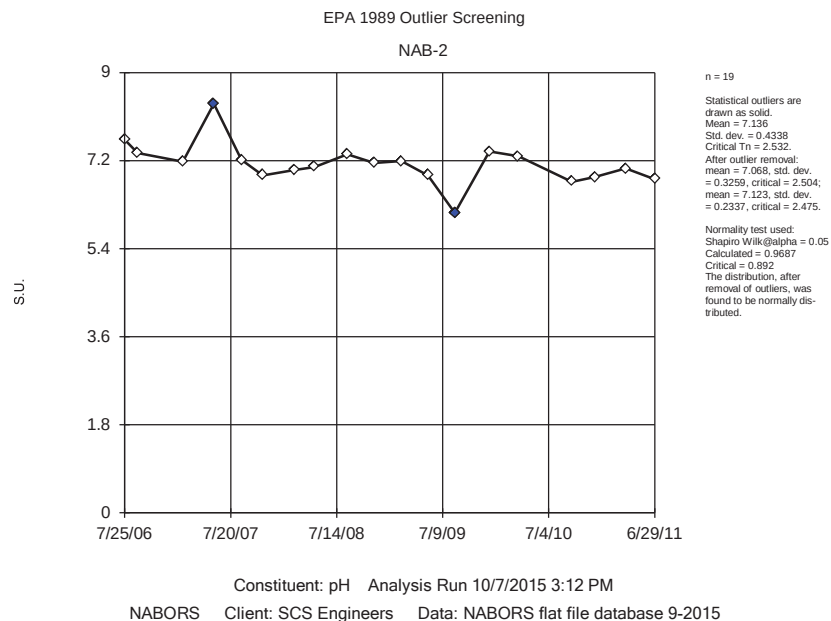
n = 21
Statistical outliers are drawn as solid.
Mean = 7.08
Std. dev. = 0.5306
Critical Tn = 2.58
After outlier removal:
mean = 6.989, std. dev. = 0.3334, critical = 2.557; mean = 7.04, std. dev. = 0.2454, critical = 2.532.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9583
Critical = 0.901
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: pH Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

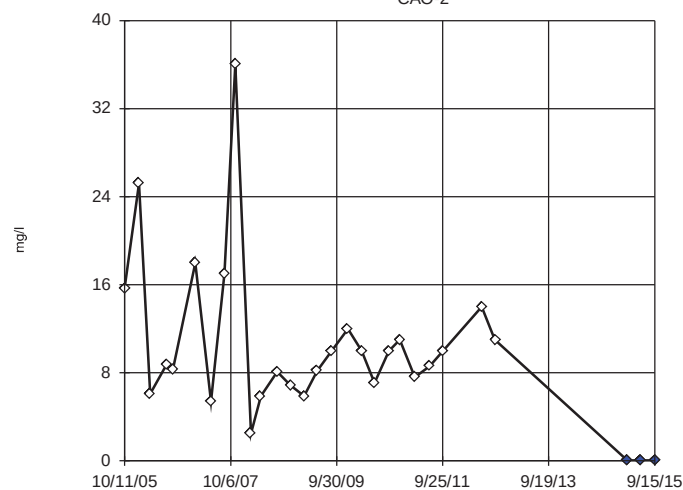






EPA 1989 Outlier Screening

CAO-2



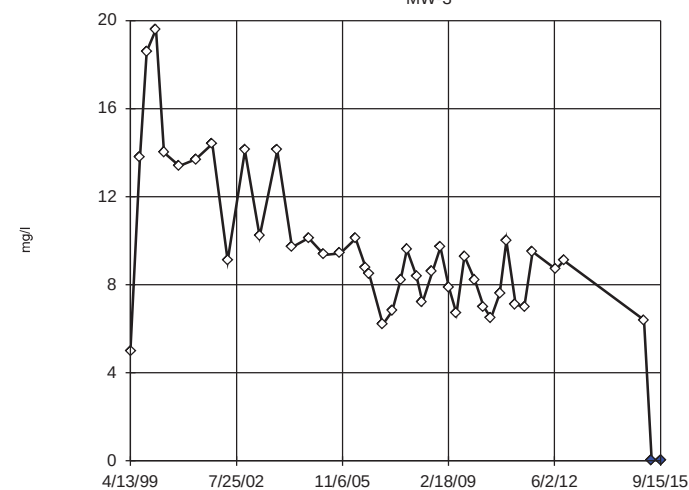
n = 29
Statistical outliers are drawn as solid.
Mean = 9.978
Std. dev. = 7.406
Critical Tn = 2.73.
After outlier removal: mean = 10.71, std. dev. = 7.135, critical = 2.698; mean = 11.13, std. dev. = 6.943, critical = 2.681.
Normality test used: Shapiro Wilk(alpha = 0.05)
Calculated = 0.961
Critical = 0.92 (after natural log transformation)
The distribution, after removal of outliers, was found to be log-normal.

Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

MW-3



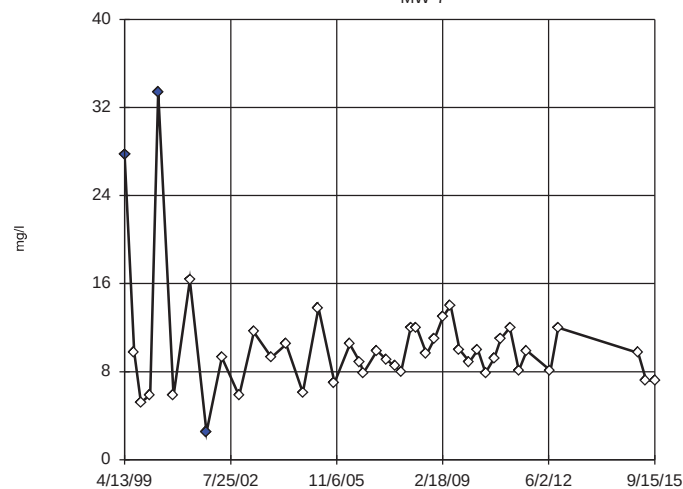
n = 43
Statistical outliers are drawn as solid.
Mean = 9.344
Std. dev. = 3.795
Critical Tn = 2.896.
After outlier removal: mean = 9.565, std. dev. = 3.548, critical = 2.887; mean = 9.798, std. dev. = 3.253, critical = 2.877.
Normality test used: Shapiro Wilk(alpha = 0.05)
Calculated = 0.9497
Critical = 0.941 (after natural log transformation)
The distribution, after removal of outliers, was found to be log-normal.

Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

MW-7



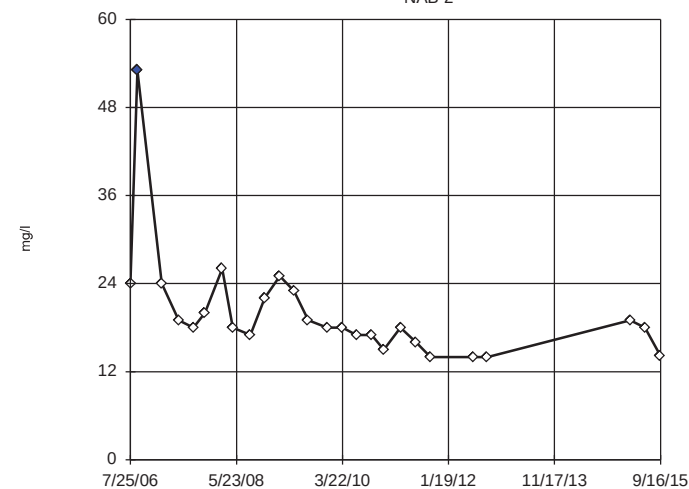
n = 43
Statistical outliers are drawn as solid.
Mean = 10.36
Std. dev. = 5.242
Critical Tn = 2.896.
After outlier removal: mean = 10.55, std. dev. = 5.158, critical = 2.887; mean = 9.992, std. dev. = 3.728, critical = 2.877; mean = 9.55, std. dev. = 2.453, critical = 2.866.
Normality test used: Shapiro Wilk(alpha = 0.05)
Calculated = 0.9739
Critical = 0.94
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NAB-2



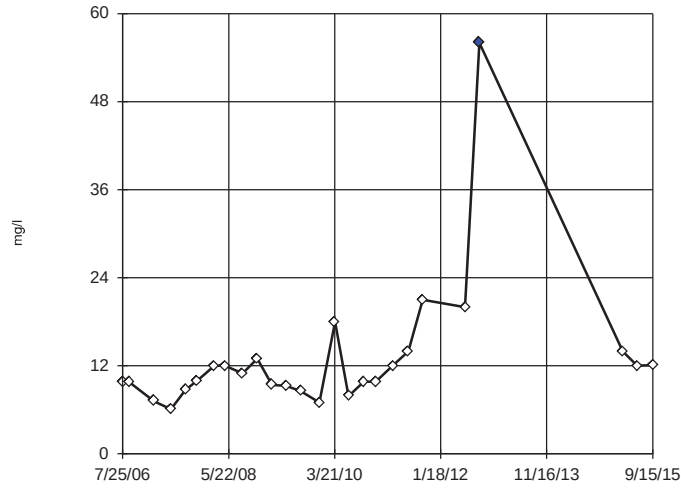
n = 26
Statistical outlier is drawn as solid.
Mean = 20
Std. dev. = 7.57
Critical Tn = 2.681.
After outlier removal: mean = 18.68, std. dev. = 3.539, critical = 2.663.
Normality test used: Shapiro Wilk(alpha = 0.05)
Calculated = 0.9321
Critical = 0.918 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NAB-3



n = 26

Statistical outlier is drawn as solid.
Mean = 13.09
Std. dev. = 9.501
Critical Tn = 2.681
After outlier removal:
mean = 11.37, std. dev. = 3.773, critical = 2.663.

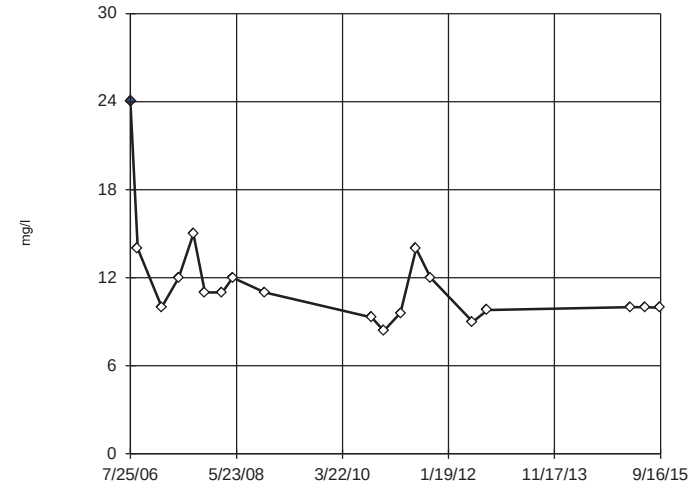
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9622
Critical = 0.919 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NAB-8



n = 19

Statistical outlier is drawn as solid.
Mean = 11.69
Std. dev. = 3.481
Critical Tn = 2.532
After outlier removal:
mean = 11, std. dev. = 1.849, critical = 2.504.

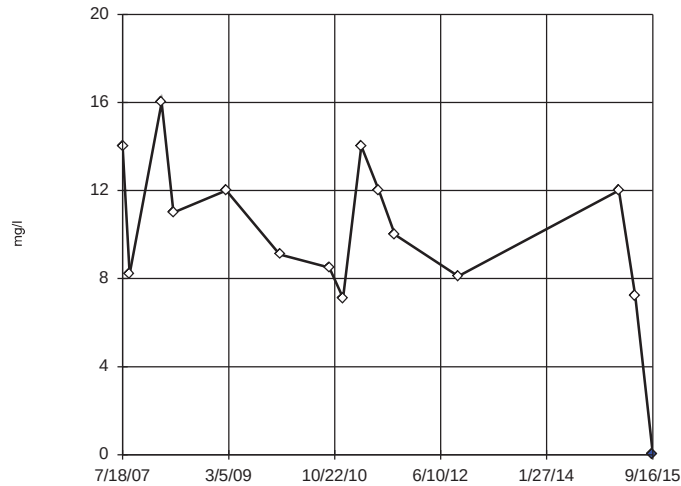
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9118
Critical = 0.897
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

SP-7



n = 15

Statistical outlier is drawn as solid.
Mean = 9.949
Std. dev. = 3.839
Critical Tn = 2.409
After outlier removal:
mean = 10.66, std. dev. = 2.789, critical = 2.371.

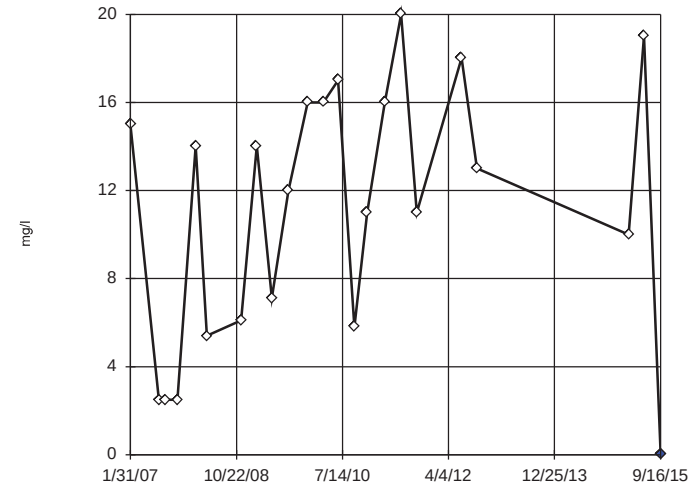
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9372
Critical = 0.874
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

SPRINGA



n = 23

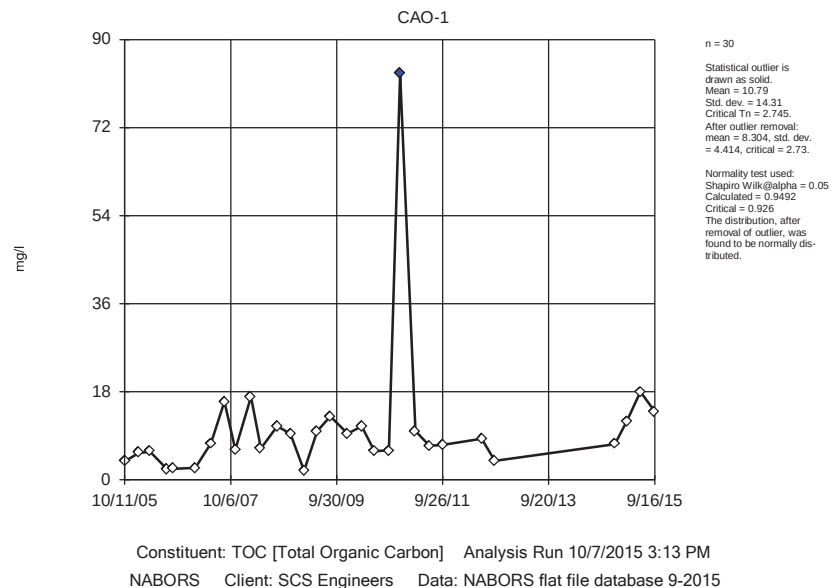
Statistical outlier is drawn as solid.
Mean = 11.04
Std. dev. = 5.952
Critical Tn = 2.624
After outlier removal:
mean = 11.54, std. dev. = 5.576, critical = 2.603.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.934
Critical = 0.911
The distribution, after removal of outlier, was found to be normally distributed.

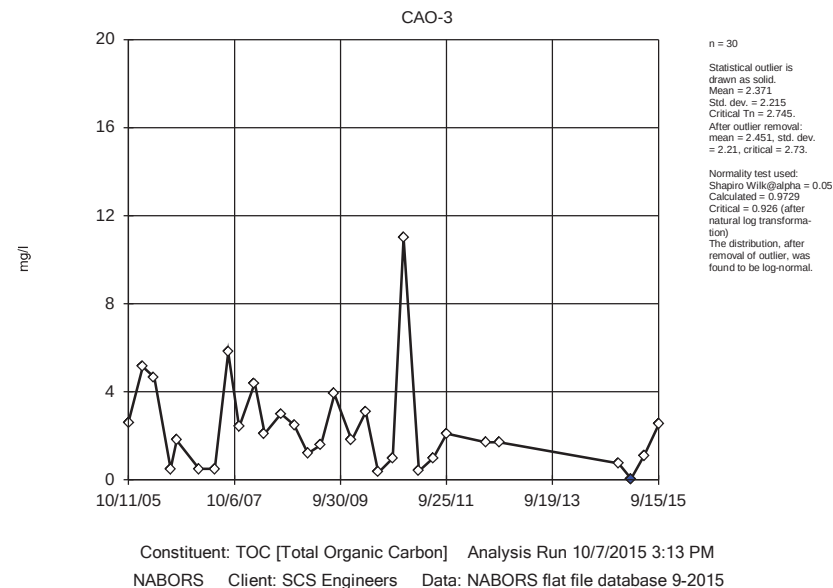
Constituent: Sulfate Analysis Run 10/7/2015 3:12 PM

N

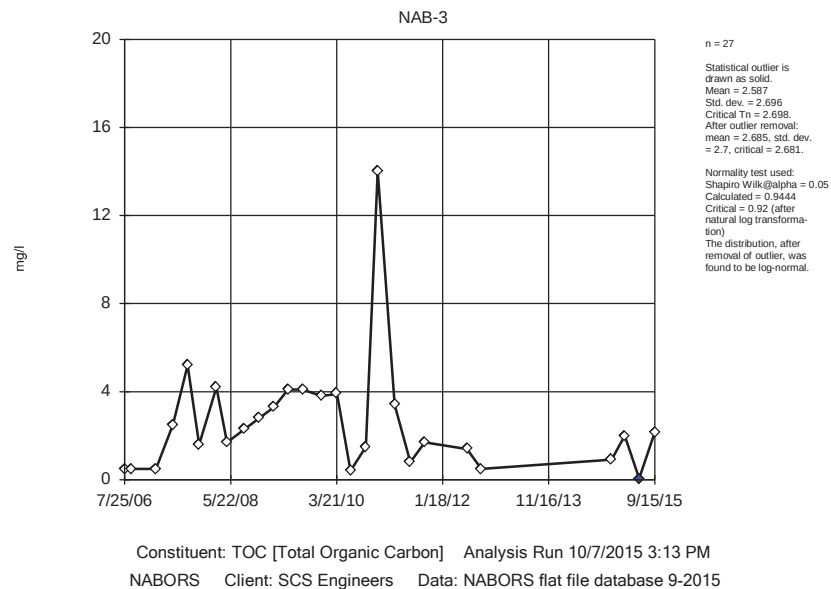
EPA 1989 Outlier Screening



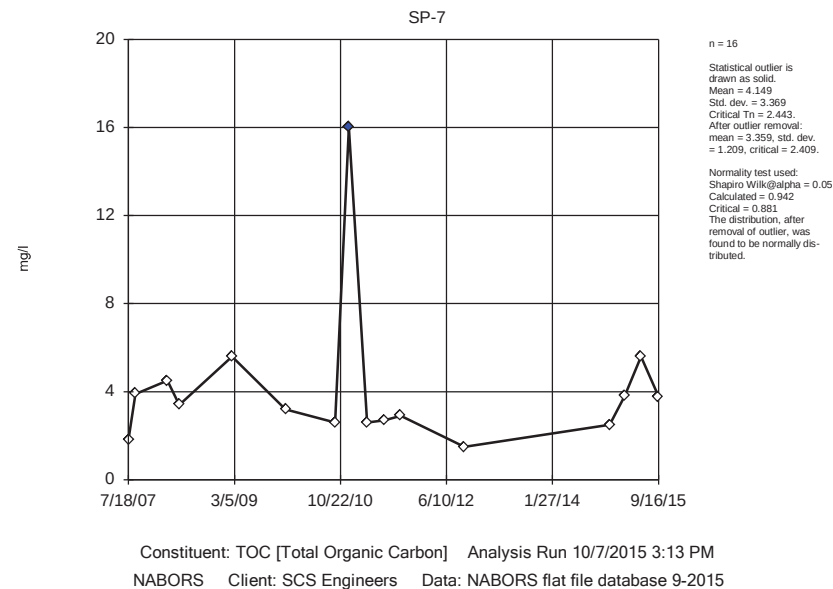
EPA 1989 Outlier Screening

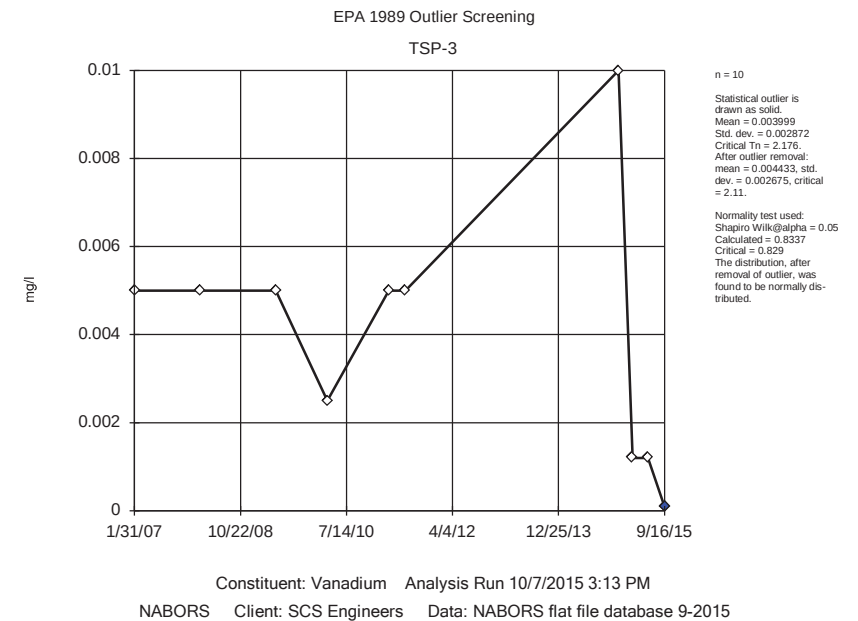
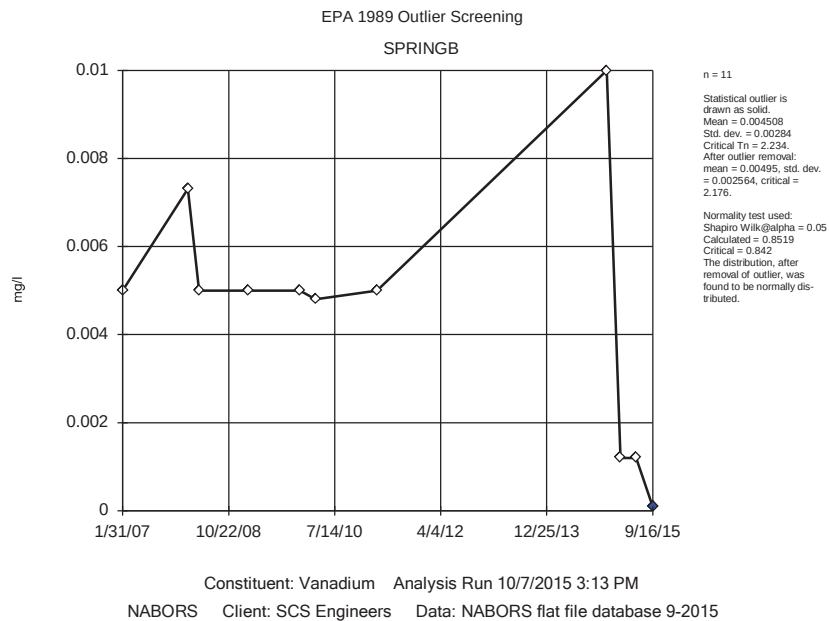
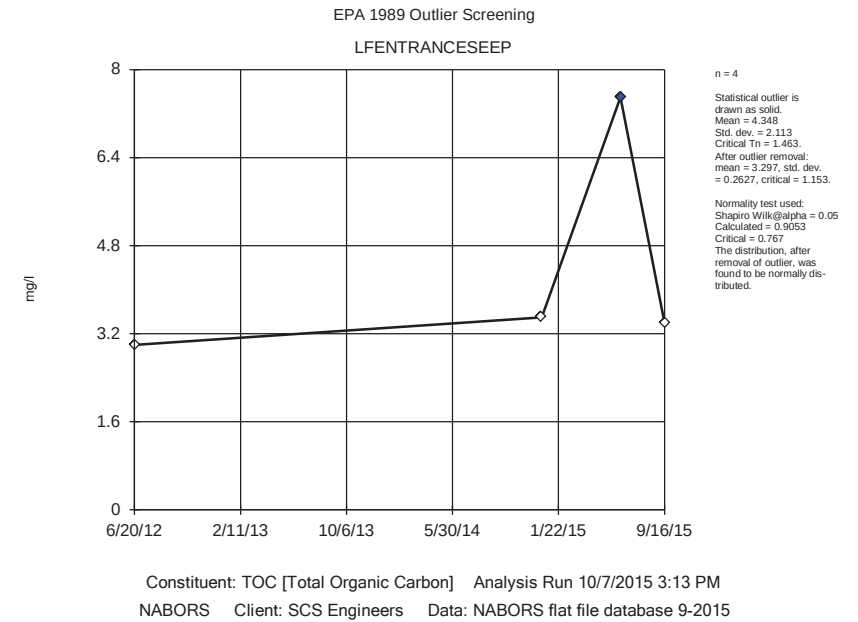
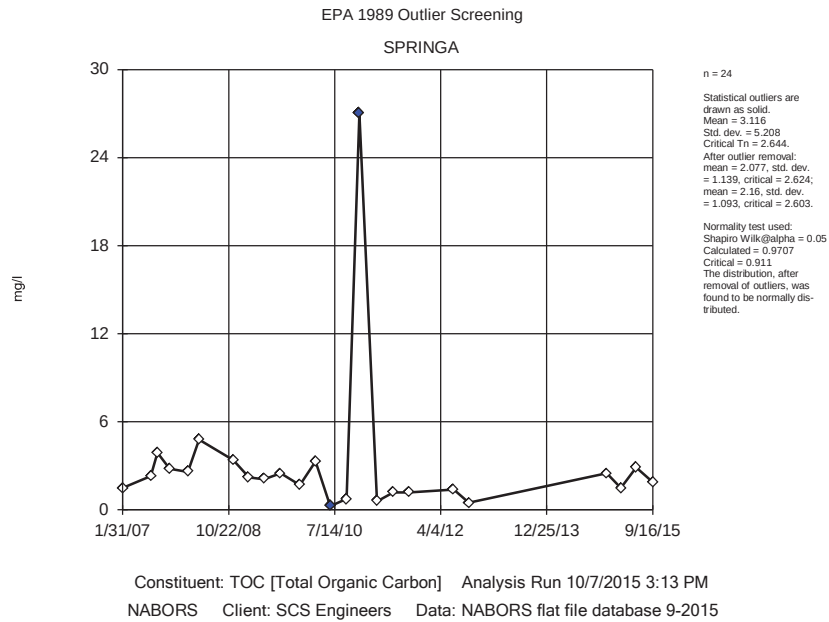


EPA 1989 Outlier Screening



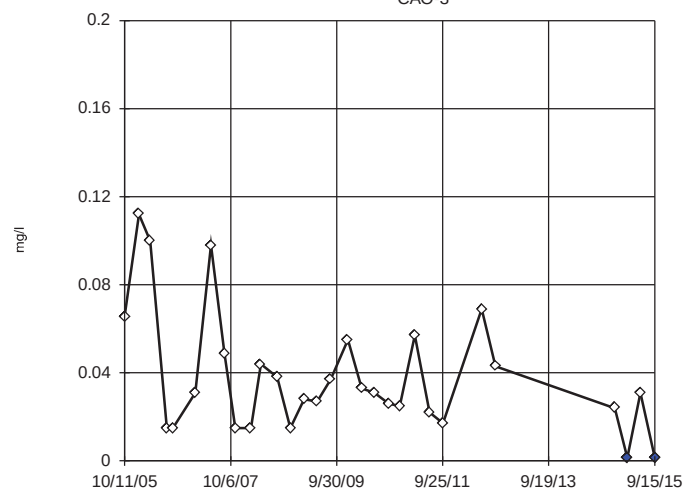
EPA 1989 Outlier Screening





EPA 1989 Outlier Screening

CAO-3



Constituent: Zinc Analysis Run 10/7/2015 3:14 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

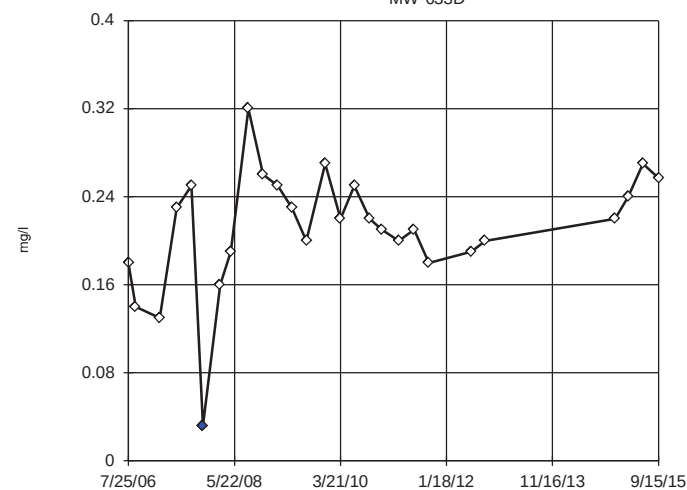
n = 30

Statistical outliers are drawn as solid.
Mean = 0.03801
Std. dev. = 0.02781
Critical Tn = 2.745.
After outlier removal:
mean = 0.03928, std. dev. = 0.0274, critical = 2.73.
mean = 0.04063, std. dev. = 0.0269, critical = 2.714.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9403
Critical = 0.924 (after natural log transformation)
The distribution, after removal of outliers, was found to be log-normal.

EPA 1989 Outlier Screening

MW-633D



Constituent: Zinc Analysis Run 10/7/2015 3:14 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

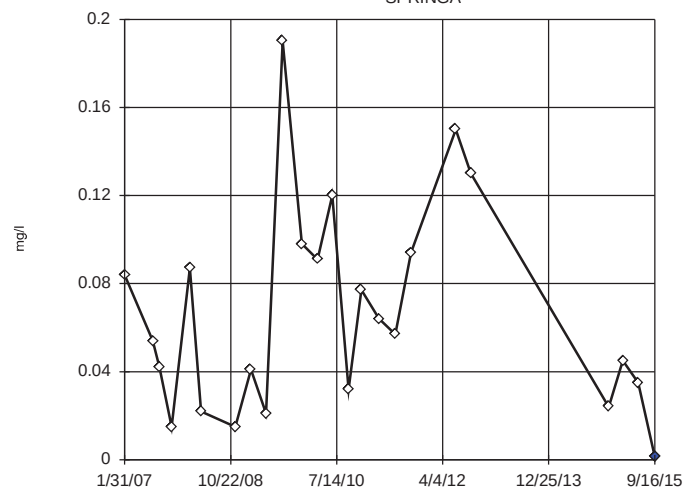
n = 27

Statistical outlier is drawn as solid.
Mean = 0.2114
Std. dev. = 0.05517
Critical Tn = 2.698.
After outlier removal:
mean = 0.2183, std. dev. = 0.04275, critical = 2.681.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9633
Critical = 0.92
The distribution, after removal of outlier, was found to be normally distributed.

EPA 1989 Outlier Screening

SPRINGA



Constituent: Zinc Analysis Run 10/7/2015 3:14 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

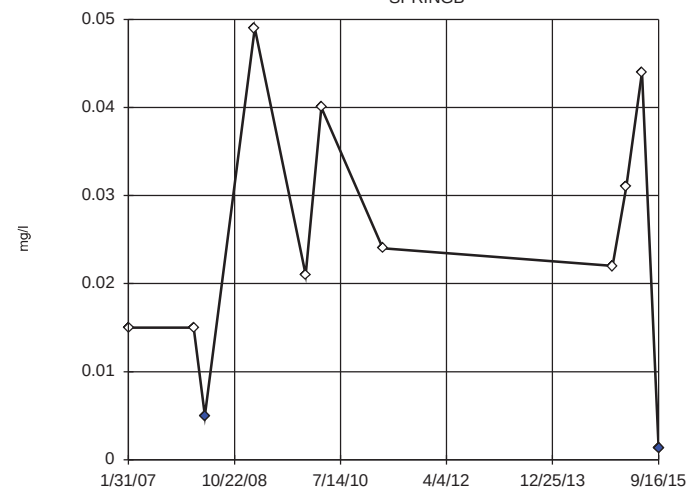
n = 24

Statistical outlier is drawn as solid.
Mean = 0.06622
Std. dev. = 0.04749
Critical Tn = 2.644.
After outlier removal:
mean = 0.06904, std. dev. = 0.04645, critical = 2.624.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9173
Critical = 0.914
The distribution, after removal of outlier, was found to be normally distributed.

EPA 1989 Outlier Screening

SPRINGB



Constituent: Zinc Analysis Run 10/7/2015 3:14 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

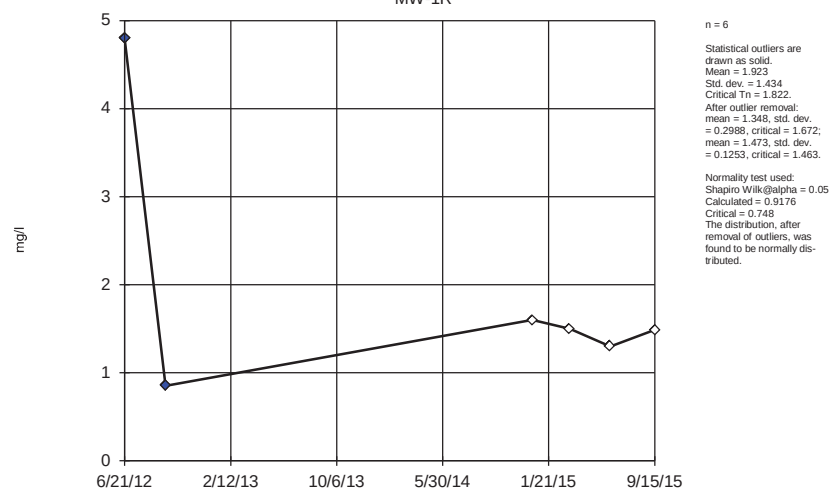
n = 11

Statistical outliers are drawn as solid.
Mean = 0.0243
Std. dev. = 0.01543
Critical Tn = 2.234.
After outlier removal:
mean = 0.0266, std. dev. = 0.01414, critical = 2.176; mean = 0.029, std. dev. = 0.01265, critical = 2.11.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9049
Critical = 0.829
The distribution, after removal of outliers, was found to be normally distributed.

EPA 1989 Outlier Screening

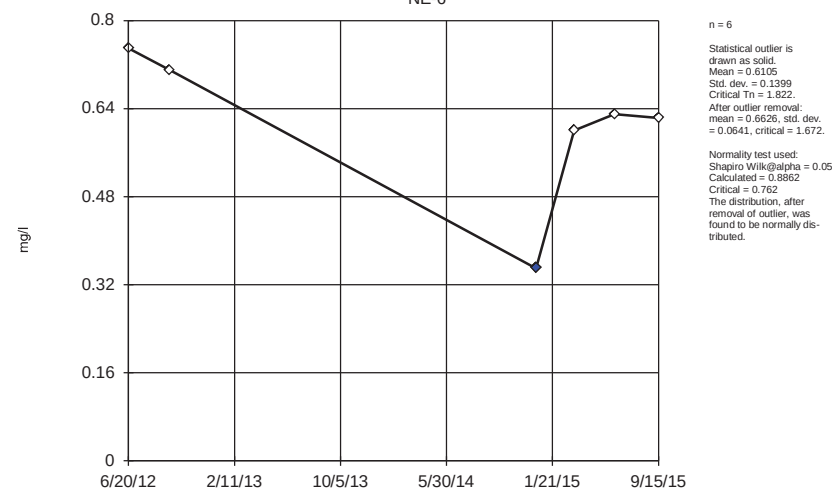
MW-1R



Constituent: Zinc Analysis Run 10/7/2015 3:14 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

EPA 1989 Outlier Screening

NE-6



Constituent: Zinc Analysis Run 10/7/2015 3:14 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.001339	0.001207	unknown	ShapiroWilk
Antimony (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	28	0.000...	0.0006894	unknown	ShapiroWilk
Antimony (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	28	0.000...	0.0006862	unknown	ShapiroWilk
Antimony (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.000...	0.0006757	unknown	ShapiroWilk
Antimony (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.001398	0.001196	unknown	ShapiroWilk
Antimony (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.001353	0.001211	unknown	ShapiroWilk
Antimony (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.001369	0.001201	unknown	ShapiroWilk
Antimony (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0002054	unknown	ShapiroWilk
Antimony (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0002465	unknown	ShapiroWilk
Antimony (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.00138	0.001202	unknown	ShapiroWilk
Antimony (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0002725	unknown	ShapiroWilk
Antimony (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0001516	unknown	ShapiroWilk
Antimony (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.001357	0.001207	unknown	ShapiroWilk
Antimony (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0001971	unknown	ShapiroWilk
Antimony (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0001653	unknown	ShapiroWilk
Antimony (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0006417	unknown	ShapiroWilk
Antimony (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0003208	unknown	ShapiroWilk
Antimony (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.000...	0.0002189	unknown	ShapiroWilk
Antimony (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.000...	0.0006841	unknown	ShapiroWilk
Antimony (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0006334	unknown	ShapiroWilk
Antimony (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.000...	0.0006746	unknown	ShapiroWilk
Antimony (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.000718	0.0009575	unknown	ShapiroWilk
Antimony (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.0009271	normal	ShapiroWilk
Antimony (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0005081	normal	ShapiroWilk
Antimony (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.001336	ln(x)	ShapiroWilk
Antimony (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0002717	normal	ShapiroWilk
Antimony (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.00093	0.001376	ln(x)	ShapiroWilk
Antimony (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.0009443	normal	ShapiroWilk
Arsenic (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.001425	0.001241	unknown	ShapiroWilk
Arsenic (mg/l)	CAO-1	Yes	0.0005,0....	2/20/2009...	EPA 1989	0.05	30	0.02668	0.01204	normal	ShapiroWilk
Arsenic (mg/l)	CAO-2	Yes	0.11,0.031	12/16/200...	EPA 1989	0.05	30	0.007747	0.02014	ln(x)	ShapiroWilk
Arsenic (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.001862	0.002652	ln(x)	ShapiroWilk
Arsenic (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.004074	0.002168	ln(x)	ShapiroWilk
Arsenic (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.001529	0.001301	unknown	ShapiroWilk
Arsenic (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.001437	0.001238	unknown	ShapiroWilk
Arsenic (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.005381	0.007152	ln(x)	ShapiroWilk
Arsenic (mg/l)	MW-577	Yes	0.000125,...	3/10/2015...	EPA 1989	0.05	25	0.002778	0.003329	normal	ShapiroWilk
Arsenic (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.001428	0.001249	unknown	ShapiroWilk
Arsenic (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.001513	0.001664	unknown	ShapiroWilk
Arsenic (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.002637	0.003989	unknown	ShapiroWilk
Arsenic (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.001482	0.001348	unknown	ShapiroWilk
Arsenic (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.03834	0.03654	ln(x)	ShapiroWilk
Arsenic (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.001885	0.001954	ln(x)	ShapiroWilk
Arsenic (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.007062	0.004403	ln(x)	ShapiroWilk
Arsenic (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.01255	0.02572	ln(x)	ShapiroWilk
Arsenic (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.003879	0.005739	ln(x)	ShapiroWilk
Arsenic (mg/l)	SP-7	Yes	0.000125	3/9/2015	EPA 1989	0.05	16	0.003514	0.003217	ln(x)	ShapiroWilk
Arsenic (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.000946	0.0008257	unknown	ShapiroWilk
Arsenic (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.001007	0.001022	ln(x)	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Arsenic (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.000...	0.0005852	ln(x)	ShapiroWilk
Arsenic (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.004993	0.003394	normal	ShapiroWilk
Arsenic (mg/l)	MW-1R	Yes	0.0028	9/20/2012	EPA 1989	0.05	6	0.04167	0.02959	normal	ShapiroWilk
Arsenic (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.02097	0.01591	normal	ShapiroWilk
Arsenic (mg/l)	NE-3	Yes	0.000125,...	3/11/2015...	EPA 1989	0.05	6	0.004719	0.00567	normal	ShapiroWilk
Arsenic (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.001996	0.002589	normal	ShapiroWilk
Arsenic (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.0004275	unknown	ShapiroWilk
Barium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.0358	0.02209	unknown	ShapiroWilk
Barium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.2038	0.06651	unknown	ShapiroWilk
Barium (mg/l)	CAO-2	Yes	0.0275,0.2	10/11/200...	EPA 1989	0.05	30	0.08046	0.03097	ln(x)	ShapiroWilk
Barium (mg/l)	CAO-3	Yes	0.025	10/11/2005	EPA 1989	0.05	30	0.04502	0.005983	normal	ShapiroWilk
Barium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.0343	0.02603	unknown	ShapiroWilk
Barium (mg/l)	MW-3	Yes	0.005,0.0...	10/25/200...	EPA 1989	0.05	44	0.05109	0.0355	normal	ShapiroWilk
Barium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.03568	0.02031	unknown	ShapiroWilk
Barium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.04689	0.0305	unknown	ShapiroWilk
Barium (mg/l)	MW-577	Yes	0.039	12/8/2010	EPA 1989	0.05	25	0.02785	0.003737	normal	ShapiroWilk
Barium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.05015	0.04318	unknown	ShapiroWilk
Barium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.03728	0.002159	normal	ShapiroWilk
Barium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.0355	0.01524	unknown	ShapiroWilk
Barium (mg/l)	MW-7	Yes	2.67	10/31/2002	EPA 1989	0.05	44	0.2039	0.3997	ln(x)	ShapiroWilk
Barium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.0272	0.007258	unknown	ShapiroWilk
Barium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.04049	0.006737	normal	ShapiroWilk
Barium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.03013	0.007418	unknown	ShapiroWilk
Barium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.02183	0.003169	normal	ShapiroWilk
Barium (mg/l)	NAB-8	Yes	0.17	12/7/2010	EPA 1989	0.05	20	0.05154	0.02973	normal	ShapiroWilk
Barium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.06073	0.007947	normal	ShapiroWilk
Barium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.04095	0.007862	normal	ShapiroWilk
Barium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.1064	0.02953	normal	ShapiroWilk
Barium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.0963	0.04989	ln(x)	ShapiroWilk
Barium (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.09143	0.02809	normal	ShapiroWilk
Barium (mg/l)	MW-1R	Yes	0.35	6/21/2012	EPA 1989	0.05	6	0.1975	0.07744	normal	ShapiroWilk
Barium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.03348	0.02111	normal	ShapiroWilk
Barium (mg/l)	NE-3	Yes	0.00018	9/16/2015	EPA 1989	0.05	6	0.13	0.06686	normal	ShapiroWilk
Barium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.03148	0.001898	normal	ShapiroWilk
Barium (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.0333	0.009755	normal	ShapiroWilk
Beryllium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.0003352	unknown	ShapiroWilk
Beryllium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.000...	0.0003264	unknown	ShapiroWilk
Beryllium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.000...	0.0004933	unknown	ShapiroWilk
Beryllium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.000...	0.0003089	unknown	ShapiroWilk
Beryllium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.0005987	unknown	ShapiroWilk
Beryllium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.000778	0.000477	unknown	ShapiroWilk
Beryllium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.0003351	unknown	ShapiroWilk
Beryllium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.001152	0.001446	ln(x)	ShapiroWilk
Beryllium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0002914	unknown	ShapiroWilk
Beryllium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.000727	0.0003349	unknown	ShapiroWilk
Beryllium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0003257	unknown	ShapiroWilk
Beryllium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0004949	unknown	ShapiroWilk
Beryllium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.000755	0.0003714	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0003142	unknown	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Beryllium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0003176	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0003271	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0003088	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.000...	0.0007193	unknown	ShapiroWilk
Beryllium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.004358	0.01564	unknown	ShapiroWilk
Beryllium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.000301	unknown	ShapiroWilk
Beryllium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.00044	0.0003401	unknown	ShapiroWilk
Beryllium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.000434	0.0003579	unknown	ShapiroWilk
Beryllium (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.000205	0.0002074	normal	ShapiroWilk
Beryllium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.001574	ln(x)	ShapiroWilk
Beryllium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0002257	unknown	ShapiroWilk
Beryllium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.00023	0.0002161	unknown	ShapiroWilk
Beryllium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.00022	0.0002191	unknown	ShapiroWilk
Beryllium (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.00009	0.00006	unknown	ShapiroWilk
Cadmium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.001396	0.0007774	unknown	ShapiroWilk
Cadmium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.001712	0.002037	unknown	ShapiroWilk
Cadmium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.001332	0.001333	unknown	ShapiroWilk
Cadmium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.001267	0.001002	unknown	ShapiroWilk
Cadmium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.001287	0.0009179	unknown	ShapiroWilk
Cadmium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.001843	0.0008708	unknown	ShapiroWilk
Cadmium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.001292	0.0009114	unknown	ShapiroWilk
Cadmium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.007559	0.008221	unknown	ShapiroWilk
Cadmium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.00091	0.001023	unknown	ShapiroWilk
Cadmium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.00125	0.0008964	unknown	ShapiroWilk
Cadmium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.001731	0.0007565	unknown	ShapiroWilk
Cadmium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.000986	0.001069	unknown	ShapiroWilk
Cadmium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.001282	0.0009225	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.001244	0.001148	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.001473	0.001068	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.002113	0.0008542	normal	ShapiroWilk
Cadmium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.001111	0.001093	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.001448	0.00162	unknown	ShapiroWilk
Cadmium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.000...	0.000927	unknown	ShapiroWilk
Cadmium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.001125	0.0009934	unknown	ShapiroWilk
Cadmium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.000...	0.0009294	unknown	ShapiroWilk
Cadmium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.000876	0.001123	unknown	ShapiroWilk
Cadmium (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.00017	0.0001042	normal	ShapiroWilk
Cadmium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.006535	0.01445	ln(x)	ShapiroWilk
Cadmium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.000275	0.0002473	normal	ShapiroWilk
Cadmium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0005696	ln(x)	ShapiroWilk
Cadmium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.000312	normal	ShapiroWilk
Cadmium (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.00013	0.0001	unknown	ShapiroWilk
Chloride (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	4.444	1.691	ln(x)	ShapiroWilk
Chloride (mg/l)	CAO-1	Yes	2.7,3	8/25/2007...	EPA 1989	0.05	29	36.21	25.71	ln(x)	ShapiroWilk
Chloride (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	20.77	12.32	unknown	ShapiroWilk
Chloride (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	6.676	5.469	unknown	ShapiroWilk
Chloride (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	6.738	3.778	unknown	ShapiroWilk
Chloride (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	7.197	2.791	ln(x)	ShapiroWilk
Chloride (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	4.143	0.9113	normal	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Chloride (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	4.081	1.314	normal	ShapiroWilk
Chloride (mg/l)	MW-577	Yes	8.45,6.3,5.1	9/16/2015...	EPA 1989	0.05	24	2.24	1.796	normal	ShapiroWilk
Chloride (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	7.581	2.913	unknown	ShapiroWilk
Chloride (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	5.874	1.297	unknown	ShapiroWilk
Chloride (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	2.901	1.325	ln(x)	ShapiroWilk
Chloride (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	3.975	2.296	unknown	ShapiroWilk
Chloride (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	2.676	0.9241	ln(x)	ShapiroWilk
Chloride (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	3.265	1.025	normal	ShapiroWilk
Chloride (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	3.85	0.5708	normal	ShapiroWilk
Chloride (mg/l)	NAB-7	Yes	6.7	3/10/2015	EPA 1989	0.05	26	2.538	1.113	normal	ShapiroWilk
Chloride (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	1.775	0.2791	normal	ShapiroWilk
Chloride (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	8.94	4.563	normal	ShapiroWilk
Chloride (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	3.055	1.154	normal	ShapiroWilk
Chloride (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	46.37	43.16	ln(x)	ShapiroWilk
Chloride (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	5.753	2.252	normal	ShapiroWilk
Chloride (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	83.2	38.36	normal	ShapiroWilk
Chloride (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	46.52	14.4	normal	ShapiroWilk
Chloride (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	4.472	2.295	normal	ShapiroWilk
Chloride (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	2.152	0.1689	normal	ShapiroWilk
Chromium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.005048	0.004426	unknown	ShapiroWilk
Chromium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.00551	0.0067	unknown	ShapiroWilk
Chromium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.005874	0.008826	unknown	ShapiroWilk
Chromium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.004264	0.001622	unknown	ShapiroWilk
Chromium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.004239	0.001657	unknown	ShapiroWilk
Chromium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.004368	0.001495	unknown	ShapiroWilk
Chromium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.004398	0.001485	unknown	ShapiroWilk
Chromium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.008148	0.008434	unknown	ShapiroWilk
Chromium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.004275	0.001573	unknown	ShapiroWilk
Chromium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.004353	0.00155	unknown	ShapiroWilk
Chromium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.004425	0.001468	unknown	ShapiroWilk
Chromium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.006439	0.005735	unknown	ShapiroWilk
Chromium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.004384	0.00157	unknown	ShapiroWilk
Chromium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.004577	0.001951	unknown	ShapiroWilk
Chromium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.004488	0.002051	unknown	ShapiroWilk
Chromium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.00746	0.0153	unknown	ShapiroWilk
Chromium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.004406	0.001482	unknown	ShapiroWilk
Chromium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.008838	0.01459	unknown	ShapiroWilk
Chromium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.004167	0.001793	unknown	ShapiroWilk
Chromium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.004445	0.001503	unknown	ShapiroWilk
Chromium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.003652	0.00204	unknown	ShapiroWilk
Chromium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.003427	0.002118	unknown	ShapiroWilk
Chromium (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.001867	0.00215	normal	ShapiroWilk
Chromium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.01251	0.02578	ln(x)	ShapiroWilk
Chromium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.004612	0.005991	ln(x)	ShapiroWilk
Chromium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.009978	0.01969	ln(x)	ShapiroWilk
Chromium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.002778	0.002439	ln(x)	ShapiroWilk
Chromium (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.001667	0.002231	ln(x)	ShapiroWilk
Cobalt (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.007896	0.007601	unknown	ShapiroWilk
Cobalt (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.05092	0.02211	normal	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Cobalt (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.01058	0.01991	unknown	ShapiroWilk
Cobalt (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.009114	0.01801	unknown	ShapiroWilk
Cobalt (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.007823	0.007644	unknown	ShapiroWilk
Cobalt (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.008016	0.007517	unknown	ShapiroWilk
Cobalt (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.007835	0.007636	unknown	ShapiroWilk
Cobalt (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.005027	0.002756	unknown	ShapiroWilk
Cobalt (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.004497	0.0014	unknown	ShapiroWilk
Cobalt (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.007896	0.007601	unknown	ShapiroWilk
Cobalt (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.004397	0.001484	unknown	ShapiroWilk
Cobalt (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.003953	0.001631	unknown	ShapiroWilk
Cobalt (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.008192	0.007681	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.004434	0.001414	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.004309	0.001453	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.004293	0.001513	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.005349	0.006319	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.005121	0.003826	unknown	ShapiroWilk
Cobalt (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.003889	0.001786	unknown	ShapiroWilk
Cobalt (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.004476	0.001426	unknown	ShapiroWilk
Cobalt (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.004339	0.003435	unknown	ShapiroWilk
Cobalt (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.00384	0.001664	unknown	ShapiroWilk
Cobalt (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.003945	0.004256	normal	ShapiroWilk
Cobalt (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.09785	0.03856	normal	ShapiroWilk
Cobalt (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.003277	0.001865	normal	ShapiroWilk
Cobalt (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.004072	0.004409	normal	ShapiroWilk
Cobalt (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.002905	0.002325	ln(x)	ShapiroWilk
Cobalt (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.001857	0.002149	normal	ShapiroWilk
Copper (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.003594	0.003628	unknown	ShapiroWilk
Copper (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.0047	0.0041	unknown	ShapiroWilk
Copper (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.005061	0.006263	unknown	ShapiroWilk
Copper (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.004787	0.00437	unknown	ShapiroWilk
Copper (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.003654	0.003491	unknown	ShapiroWilk
Copper (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.003581	0.003639	unknown	ShapiroWilk
Copper (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.003577	0.00364	unknown	ShapiroWilk
Copper (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.009951	0.0117	unknown	ShapiroWilk
Copper (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.004138	0.004412	unknown	ShapiroWilk
Copper (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.003697	0.003594	unknown	ShapiroWilk
Copper (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.004291	0.0045	unknown	ShapiroWilk
Copper (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.006379	0.006674	unknown	ShapiroWilk
Copper (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.003478	0.003495	unknown	ShapiroWilk
Copper (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.004333	0.004469	unknown	ShapiroWilk
Copper (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.004667	0.004285	unknown	ShapiroWilk
Copper (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.00457	0.004262	unknown	ShapiroWilk
Copper (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.004222	0.004535	unknown	ShapiroWilk
Copper (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.007429	0.01179	unknown	ShapiroWilk
Copper (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.002702	0.003656	unknown	ShapiroWilk
Copper (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.003274	0.004066	unknown	ShapiroWilk
Copper (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.002671	0.003721	ln(x)	ShapiroWilk
Copper (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.002845	0.003986	ln(x)	ShapiroWilk
Copper (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.000755	0.0006069	normal	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Copper (mg/l)	MW-1R	Yes	0.071	6/21/2012	EPA 1989	0.05	6	0.01241	0.02871	normal	ShapiroWilk
Copper (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.00308	0.003537	normal	ShapiroWilk
Copper (mg/l)	NE-3	Yes	0.019	6/20/2012	EPA 1989	0.05	6	0.003573	0.007563	normal	ShapiroWilk
Copper (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.00088	0.0008725	ln(x)	ShapiroWilk
Copper (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.000155	unknown	ShapiroWilk
Cyanide (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	13	0.006554	0.01607	unknown	ShapiroWilk
Cyanide (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	13	0.002162	0.0009474	unknown	ShapiroWilk
Cyanide (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	13	0.002238	0.000854	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	13	0.002454	0.001452	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	13	0.002131	0.0007016	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	11	0.002618	0.001588	unknown	ShapiroWilk
Cyanide (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	10	0.00202	0.0007729	unknown	ShapiroWilk
Cyanide (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	12	0.003058	0.003519	unknown	ShapiroWilk
Cyanide (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	5	0.00154	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	6	0.0017	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.0017	0.0009238	unknown	ShapiroWilk
Cyanide (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.0017	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.0017	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.0017	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.0017	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.0013	0.0008	unknown	ShapiroWilk
Iron (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.07303	0.1504	unknown	ShapiroWilk
Iron (mg/l)	CAO-1	Yes	1,4.5	2/20/2009...	EPA 1989	0.05	30	24.65	9.969	normal	ShapiroWilk
Iron (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	3.101	8.698	unknown	ShapiroWilk
Iron (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.6817	1.207	ln(x)	ShapiroWilk
Iron (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.05744	0.07387	unknown	ShapiroWilk
Iron (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.1993	0.6127	unknown	ShapiroWilk
Iron (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.05154	0.05132	unknown	ShapiroWilk
Iron (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	5.142	9.166	unknown	ShapiroWilk
Iron (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.5087	0.79	ln(x)	ShapiroWilk
Iron (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.04329	0.03529	unknown	ShapiroWilk
Iron (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.2939	0.4176	unknown	ShapiroWilk
Iron (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	2.955	5.516	ln(x)	ShapiroWilk
Iron (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.1019	0.1171	unknown	ShapiroWilk
Iron (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.3832	0.5823	ln(x)	ShapiroWilk
Iron (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.2455	0.3724	unknown	ShapiroWilk
Iron (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.3091	0.4003	unknown	ShapiroWilk

Outlier Analysis

NABORS

Client: SCS Engineers

Data: NABORS flat file database 9-2015

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<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Iron (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.8173	2.003	unknown	ShapiroWilk
Iron (mg/l)	NAB-8	Yes	48	12/7/2010	EPA 1989	0.05	20	2.801	10.66	ln(x)	ShapiroWilk
Iron (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	2.799	1.705	ln(x)	ShapiroWilk
Iron (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.5676	0.8221	ln(x)	ShapiroWilk
Iron (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.987	1.386	ln(x)	ShapiroWilk
Iron (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.2766	0.4792	ln(x)	ShapiroWilk
Iron (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	4.515	4.345	normal	ShapiroWilk
Iron (mg/l)	MW-1R	Yes	0.21,62	9/20/2012...	EPA 1989	0.05	6	18.19	22.1	normal	ShapiroWilk
Iron (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	7.015	5.269	normal	ShapiroWilk
Iron (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	2.841	5.492	ln(x)	ShapiroWilk
Iron (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.7969	1.223	unknown	ShapiroWilk
Iron (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.9688	0.457	normal	ShapiroWilk
Lead (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.001883	0.001418	unknown	ShapiroWilk
Lead (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.004278	0.006036	ln(x)	ShapiroWilk
Lead (mg/l)	CAO-2	Yes	0.21	12/16/2009	EPA 1989	0.05	30	0.01213	0.03845	ln(x)	ShapiroWilk
Lead (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.004298	0.007318	ln(x)	ShapiroWilk
Lead (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.002151	0.001721	unknown	ShapiroWilk
Lead (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.002059	0.001913	unknown	ShapiroWilk
Lead (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.001942	0.001698	unknown	ShapiroWilk
Lead (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.01961	0.03685	ln(x)	ShapiroWilk
Lead (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.003142	0.004445	ln(x)	ShapiroWilk
Lead (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.001993	0.001645	unknown	ShapiroWilk
Lead (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.002997	0.00593	unknown	ShapiroWilk
Lead (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.01613	0.02849	ln(x)	ShapiroWilk
Lead (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.001996	0.001447	unknown	ShapiroWilk
Lead (mg/l)	NAB-2	Yes	0.00012	6/9/2015	EPA 1989	0.05	27	0.004663	0.004869	ln(x)	ShapiroWilk
Lead (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.001957	0.001413	unknown	ShapiroWilk
Lead (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.003173	0.003529	unknown	ShapiroWilk
Lead (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.03018	0.0726	ln(x)	ShapiroWilk
Lead (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.01018	0.03298	unknown	ShapiroWilk
Lead (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.002494	0.001964	unknown	ShapiroWilk
Lead (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.001727	0.002097	ln(x)	ShapiroWilk
Lead (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.001745	0.001916	ln(x)	ShapiroWilk
Lead (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.001889	0.002387	ln(x)	ShapiroWilk
Lead (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.001977	0.001807	normal	ShapiroWilk
Lead (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.04184	0.09712	ln(x)	ShapiroWilk
Lead (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.005417	0.006346	ln(x)	ShapiroWilk
Lead (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.008687	0.01503	ln(x)	ShapiroWilk
Lead (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.002022	0.002652	ln(x)	ShapiroWilk
Lead (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.003068	0.001551	normal	ShapiroWilk
Manganese (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.0118	0.009947	unknown	ShapiroWilk
Manganese (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	6.037	3.171	normal	ShapiroWilk
Manganese (mg/l)	CAO-2	Yes	11	2/7/2007	EPA 1989	0.05	30	0.7084	2.051	ln(x)	ShapiroWilk
Manganese (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.02836	0.03912	ln(x)	ShapiroWilk
Manganese (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.01273	0.009658	unknown	ShapiroWilk
Manganese (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.08179	0.2986	unknown	ShapiroWilk
Manganese (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.01188	0.009864	unknown	ShapiroWilk
Manganese (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.1485	0.2768	unknown	ShapiroWilk
Manganese (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.01037	0.01277	unknown	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Manganese (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.01173	0.009994	unknown	ShapiroWilk
Manganese (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.01537	0.019	unknown	ShapiroWilk
Manganese (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.03574	0.06037	ln(x)	ShapiroWilk
Manganese (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.1937	0.3144	unknown	ShapiroWilk
Manganese (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.01899	0.01242	ln(x)	ShapiroWilk
Manganese (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.1653	0.2877	ln(x)	ShapiroWilk
Manganese (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.01982	0.02073	ln(x)	ShapiroWilk
Manganese (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.01871	0.04684	unknown	ShapiroWilk
Manganese (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.04926	0.1606	ln(x)	ShapiroWilk
Manganese (mg/l)	SP-7	Yes	0.11	3/9/2015	EPA 1989	0.05	16	0.7078	0.4152	ln(x)	ShapiroWilk
Manganese (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.08781	0.05002	normal	ShapiroWilk
Manganese (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.5483	0.7998	ln(x)	ShapiroWilk
Manganese (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.5654	0.8455	ln(x)	ShapiroWilk
Manganese (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	1.469	1.271	normal	ShapiroWilk
Manganese (mg/l)	MW-1R	Yes	4.8	6/21/2012	EPA 1989	0.05	6	1.34	1.706	normal	ShapiroWilk
Manganese (mg/l)	NE-2	Yes	0.19	12/18/2014	EPA 1989	0.05	6	0.088	0.0509	normal	ShapiroWilk
Manganese (mg/l)	NE-3	Yes	0.48	6/20/2012	EPA 1989	0.05	6	0.1264	0.1747	normal	ShapiroWilk
Manganese (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.01372	0.01468	normal	ShapiroWilk
Manganese (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.03475	0.04369	normal	ShapiroWilk
Mercury (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000246	unknown	ShapiroWilk
Mercury (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.000104	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	26	0.000184	0.0001724	unknown	ShapiroWilk
Mercury (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.00182	0.002609	ln(x)	ShapiroWilk
Mercury (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.0000...	unknown	ShapiroWilk
Nickel (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.009865	0.008312	unknown	ShapiroWilk
Nickel (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.05364	0.02832	normal	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Nickel (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.0188	0.02733	unknown	ShapiroWilk
Nickel (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.01521	0.01983	unknown	ShapiroWilk
Nickel (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.009479	0.007777	unknown	ShapiroWilk
Nickel (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.01115	0.01026	unknown	ShapiroWilk
Nickel (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.009434	0.007725	unknown	ShapiroWilk
Nickel (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.01054	0.004761	unknown	ShapiroWilk
Nickel (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.008847	0.002816	unknown	ShapiroWilk
Nickel (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.009379	0.007801	unknown	ShapiroWilk
Nickel (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.009251	0.002994	unknown	ShapiroWilk
Nickel (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.008855	0.002933	unknown	ShapiroWilk
Nickel (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.01085	0.0106	unknown	ShapiroWilk
Nickel (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.0107	0.007102	unknown	ShapiroWilk
Nickel (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.01041	0.007243	unknown	ShapiroWilk
Nickel (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.01667	0.02566	unknown	ShapiroWilk
Nickel (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.009241	0.002727	unknown	ShapiroWilk
Nickel (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.01168	0.009398	unknown	ShapiroWilk
Nickel (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.008547	0.003093	unknown	ShapiroWilk
Nickel (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.008878	0.002831	unknown	ShapiroWilk
Nickel (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.008063	0.003088	unknown	ShapiroWilk
Nickel (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.00789	0.003424	unknown	ShapiroWilk
Nickel (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.005656	0.005101	normal	ShapiroWilk
Nickel (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.09023	0.03812	normal	ShapiroWilk
Nickel (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.02183	0.01468	normal	ShapiroWilk
Nickel (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.009445	0.01143	ln(x)	ShapiroWilk
Nickel (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.006608	0.003809	unknown	ShapiroWilk
Nickel (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.003769	0.00429	normal	ShapiroWilk
pH (S.U.)	MW-4	Yes	6.14	8/19/2009	EPA 1989	0.05	36	7.196	0.3063	normal	ShapiroWilk
pH (S.U.)	CAO-1	No	n/a	n/a	EPA 1989	0.05	21	6.496	0.3702	normal	ShapiroWilk
pH (S.U.)	CAO-2	Yes	8.55	5/24/2007	EPA 1989	0.05	20	7.003	0.4947	normal	ShapiroWilk
pH (S.U.)	CAO-3	Yes	8.91,6	5/24/2007...	EPA 1989	0.05	21	7.08	0.5306	normal	ShapiroWilk
pH (S.U.)	MW-2	Yes	10.2,10,9...	12/18/200...	EPA 1989	0.05	36	7.517	0.891	normal	ShapiroWilk
pH (S.U.)	MW-3	Yes	5.84	8/19/2009	EPA 1989	0.05	36	6.759	0.2756	normal	ShapiroWilk
pH (S.U.)	MW-5	Yes	6.13	8/19/2009	EPA 1989	0.05	36	7.1	0.2868	normal	ShapiroWilk
pH (S.U.)	MW-509D	Yes	7.98	5/24/2007	EPA 1989	0.05	19	6.974	0.3716	normal	ShapiroWilk
pH (S.U.)	MW-577	Yes	8.2,6.27,...	5/24/2007...	EPA 1989	0.05	17	7.062	0.3859	normal	ShapiroWilk
pH (S.U.)	MW-6	Yes	6.19	8/19/2009	EPA 1989	0.05	36	7.027	0.2739	normal	ShapiroWilk
pH (S.U.)	MW-633D	Yes	12.84,6.14	5/24/2007...	EPA 1989	0.05	19	7.397	1.363	normal	ShapiroWilk
pH (S.U.)	MW-689D	No	n/a	n/a	EPA 1989	0.05	17	6.957	0.455	normal	ShapiroWilk
pH (S.U.)	MW-7	Yes	8.27,6.12	5/24/2007...	EPA 1989	0.05	36	7.079	0.3416	normal	ShapiroWilk
pH (S.U.)	NAB-2	Yes	8.36,6.13	5/24/2007...	EPA 1989	0.05	19	7.136	0.4338	normal	ShapiroWilk
pH (S.U.)	NAB-3	No	n/a	n/a	EPA 1989	0.05	19	6.988	0.5278	normal	ShapiroWilk
pH (S.U.)	NAB-4	No	n/a	n/a	EPA 1989	0.05	18	7.102	0.4437	unknown	ShapiroWilk
pH (S.U.)	NAB-7	Yes	6.14,8.18	8/27/2009...	EPA 1989	0.05	19	7.187	0.4322	normal	ShapiroWilk
pH (S.U.)	NAB-8	No	n/a	n/a	EPA 1989	0.05	13	7.281	0.4178	normal	ShapiroWilk
pH (S.U.)	SP-7	Yes	5.29,6.54	2/22/2008...	EPA 1989	0.05	7	7.317	1.052	normal	ShapiroWilk
pH (S.U.)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	11	7.103	0.6061	normal	ShapiroWilk
pH (S.U.)	SPRINGB	Yes	4.67	2/22/2008	EPA 1989	0.05	5	6.996	1.302	normal	ShapiroWilk
pH (S.U.)	TSP-3	No	n/a	n/a	EPA 1989	0.05	5	7.326	0.4623	normal	ShapiroWilk
Selenium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.005206	0.006954	unknown	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Selenium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.007794	0.01341	ln(x)	ShapiroWilk
Selenium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.005864	0.01002	unknown	ShapiroWilk
Selenium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.004342	0.005227	unknown	ShapiroWilk
Selenium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.005232	0.00722	unknown	ShapiroWilk
Selenium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.004706	0.005312	unknown	ShapiroWilk
Selenium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.005117	0.006678	unknown	ShapiroWilk
Selenium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.005317	0.008944	unknown	ShapiroWilk
Selenium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.003483	0.00449	unknown	ShapiroWilk
Selenium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.004828	0.005472	unknown	ShapiroWilk
Selenium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.005521	0.00821	unknown	ShapiroWilk
Selenium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.005242	0.01065	unknown	ShapiroWilk
Selenium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.00539	0.007107	unknown	ShapiroWilk
Selenium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.004477	0.005845	unknown	ShapiroWilk
Selenium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.005484	0.009985	unknown	ShapiroWilk
Selenium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.004578	0.006652	unknown	ShapiroWilk
Selenium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.004469	0.005932	unknown	ShapiroWilk
Selenium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.006923	0.01164	unknown	ShapiroWilk
Selenium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.003203	0.006655	unknown	ShapiroWilk
Selenium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.003565	0.006009	unknown	ShapiroWilk
Selenium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.00224	0.003846	unknown	ShapiroWilk
Selenium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.002357	0.004035	unknown	ShapiroWilk
Selenium (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.00047	0.0003824	normal	ShapiroWilk
Selenium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.000345	0.0001698	unknown	ShapiroWilk
Selenium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0006674	ln(x)	ShapiroWilk
Selenium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0004807	normal	ShapiroWilk
Selenium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0003186	normal	ShapiroWilk
Selenium (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.000405	unknown	ShapiroWilk
Silver (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.004563	0.001325	unknown	ShapiroWilk
Silver (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.004927	0.004666	unknown	ShapiroWilk
Silver (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.004187	0.001744	unknown	ShapiroWilk
Silver (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.004183	0.001681	unknown	ShapiroWilk
Silver (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.004358	0.001464	unknown	ShapiroWilk
Silver (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.004403	0.001452	unknown	ShapiroWilk
Silver (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.005861	0.009071	unknown	ShapiroWilk
Silver (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.007221	0.01401	unknown	ShapiroWilk
Silver (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.004502	0.001387	unknown	ShapiroWilk
Silver (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.005726	0.009105	unknown	ShapiroWilk
Silver (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.004969	0.002298	unknown	ShapiroWilk
Silver (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.008718	0.02114	unknown	ShapiroWilk
Silver (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.005067	0.004692	unknown	ShapiroWilk
Silver (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.004584	0.001321	unknown	ShapiroWilk
Silver (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.008928	0.02225	unknown	ShapiroWilk
Silver (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.004564	0.00173	unknown	ShapiroWilk
Silver (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.004491	0.00132	unknown	ShapiroWilk
Silver (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.3091	1.363	unknown	ShapiroWilk
Silver (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.004835	0.003157	unknown	ShapiroWilk
Silver (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.004431	0.001386	unknown	ShapiroWilk
Silver (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.003778	0.001869	unknown	ShapiroWilk
Silver (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.003795	0.001969	unknown	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Silver (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.002889	0.00249	normal	ShapiroWilk
Silver (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.002992	0.002246	ln(x)	ShapiroWilk
Silver (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.002992	0.002246	ln(x)	ShapiroWilk
Silver (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.002992	0.002246	ln(x)	ShapiroWilk
Silver (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.002992	0.002246	ln(x)	ShapiroWilk
Silver (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.001989	0.002092	normal	ShapiroWilk
Sulfate (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	11.43	2.011	normal	ShapiroWilk
Sulfate (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	13.66	7.991	unknown	ShapiroWilk
Sulfate (mg/l)	CAO-2	Yes	0.0385,0....	3/11/2015...	EPA 1989	0.05	29	9.978	7.406	ln(x)	ShapiroWilk
Sulfate (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	27.82	32.87	unknown	ShapiroWilk
Sulfate (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	18.7	8.073	unknown	ShapiroWilk
Sulfate (mg/l)	MW-3	Yes	0.0385,0....	6/8/2015,...	EPA 1989	0.05	43	9.344	3.795	ln(x)	ShapiroWilk
Sulfate (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	7.213	2.169	unknown	ShapiroWilk
Sulfate (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	8.204	2.299	normal	ShapiroWilk
Sulfate (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	51.83	15.28	normal	ShapiroWilk
Sulfate (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	5.953	1.633	unknown	ShapiroWilk
Sulfate (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	14.09	2.311	ln(x)	ShapiroWilk
Sulfate (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	11.56	3.674	unknown	ShapiroWilk
Sulfate (mg/l)	MW-7	Yes	2.5,33.4,...	10/25/200...	EPA 1989	0.05	43	10.36	5.242	normal	ShapiroWilk
Sulfate (mg/l)	NAB-2	Yes	53	9/7/2006	EPA 1989	0.05	26	20	7.57	ln(x)	ShapiroWilk
Sulfate (mg/l)	NAB-3	Yes	56	9/20/2012	EPA 1989	0.05	26	13.09	9.501	ln(x)	ShapiroWilk
Sulfate (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	38.19	12	ln(x)	ShapiroWilk
Sulfate (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	20.48	5.925	normal	ShapiroWilk
Sulfate (mg/l)	NAB-8	Yes	24	7/25/2006	EPA 1989	0.05	19	11.69	3.481	normal	ShapiroWilk
Sulfate (mg/l)	SP-7	Yes	0.0387	9/16/2015	EPA 1989	0.05	15	9.949	3.839	normal	ShapiroWilk
Sulfate (mg/l)	SPRINGA	Yes	0.0387	9/16/2015	EPA 1989	0.05	23	11.04	5.952	normal	ShapiroWilk
Sulfate (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	15.17	13.47	normal	ShapiroWilk
Sulfate (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	6.12	4.649	normal	ShapiroWilk
Sulfate (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	18.8	3.701	normal	ShapiroWilk
Sulfate (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	1616	369.2	normal	ShapiroWilk
Sulfate (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	22.24	8.671	normal	ShapiroWilk
Sulfate (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	32.2	2.588	normal	ShapiroWilk
Thallium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.0001698	unknown	ShapiroWilk
Thallium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.000...	0.001389	unknown	ShapiroWilk
Thallium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.000...	0.0005562	unknown	ShapiroWilk
Thallium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.000...	0.0002067	unknown	ShapiroWilk
Thallium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.001591	unknown	ShapiroWilk
Thallium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.001742	unknown	ShapiroWilk
Thallium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.001459	unknown	ShapiroWilk
Thallium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0002319	unknown	ShapiroWilk
Thallium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0001734	unknown	ShapiroWilk
Thallium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.0008454	unknown	ShapiroWilk
Thallium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0001346	unknown	ShapiroWilk
Thallium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0001762	unknown	ShapiroWilk
Thallium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.000...	0.0008454	unknown	ShapiroWilk
Thallium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0001668	unknown	ShapiroWilk
Thallium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0001668	unknown	ShapiroWilk
Tin (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	23	0.01075	0.02815	unknown	ShapiroWilk
Tin (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	22	0.01177	0.03044	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Tin (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	23	0.004741	0.009322	unknown	ShapiroWilk
Tin (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	16	0.005927	0.01006	unknown	ShapiroWilk
Tin (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	14	0.001773	0.003488	unknown	ShapiroWilk
Tin (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	21	0.00234	0.003836	unknown	ShapiroWilk
Tin (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.002396	0.00403	unknown	ShapiroWilk
Tin (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.001427	0.003219	unknown	ShapiroWilk
Tin (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.000335	0.0002142	normal	ShapiroWilk
Tin (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0007209	ln(x)	ShapiroWilk
Tin (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.000475	0.0004845	ln(x)	ShapiroWilk
Tin (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.00387	0.007112	ln(x)	ShapiroWilk
Tin (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0001795	unknown	ShapiroWilk
Tin (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.00021	0.00012	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	2.606	7.636	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	CAO-1	Yes	83	12/8/2010	EPA 1989	0.05	30	10.79	14.31	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	3.135	2.81	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	CAO-3	Yes	0.05	3/11/2015	EPA 1989	0.05	30	2.371	2.215	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	2.798	7.363	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	2.443	4.262	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	1.919	2.914	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	2.026	1.635	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	3.682	10.14	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	2.643	4.798	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	2.103	2.109	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	1.962	2.133	unknown	ShapiroWilk
Vanadium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.06826	0.09128	unknown	ShapiroWilk
Vanadium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	27	0.004611	0.001758	unknown	ShapiroWilk
Vanadium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.00934	0.01045	unknown	ShapiroWilk
Vanadium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.06816	0.09132	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.005966	0.004954	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.00727	0.009354	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.007903	0.0123	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.006537	0.006948	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.0102	0.02073	unknown	ShapiroWilk
Vanadium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.005243	0.003113	unknown	ShapiroWilk
Vanadium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.005625	0.005504	unknown	ShapiroWilk
Vanadium (mg/l)	SPRINGB	Yes	0.00009	9/16/2015	EPA 1989	0.05	11	0.004508	0.00284	normal	ShapiroWilk
Vanadium (mg/l)	TSP-3	Yes	0.00009	9/16/2015	EPA 1989	0.05	10	0.003999	0.002872	normal	ShapiroWilk
Vanadium (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.002272	0.002132	normal	ShapiroWilk
Vanadium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.01675	0.03266	ln(x)	ShapiroWilk
Vanadium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.003915	0.004048	normal	ShapiroWilk
Vanadium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.005748	0.006613	normal	ShapiroWilk
Vanadium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.003748	0.003704	normal	ShapiroWilk
Vanadium (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.003122	0.004615	ln(x)	ShapiroWilk
Zinc (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.06568	0.03311	unknown	ShapiroWilk
Zinc (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.604	0.469	unknown	ShapiroWilk
Zinc (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.041	0.06944	ln(x)	ShapiroWilk
Zinc (mg/l)	CAO-3	Yes	0.00128,0...	9/15/2015...	EPA 1989	0.05	30	0.03801	0.02781	ln(x)	ShapiroWilk
Zinc (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.01306	0.008285	unknown	ShapiroWilk
Zinc (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.06352	0.04132	unknown	ShapiroWilk

Outlier Analysis

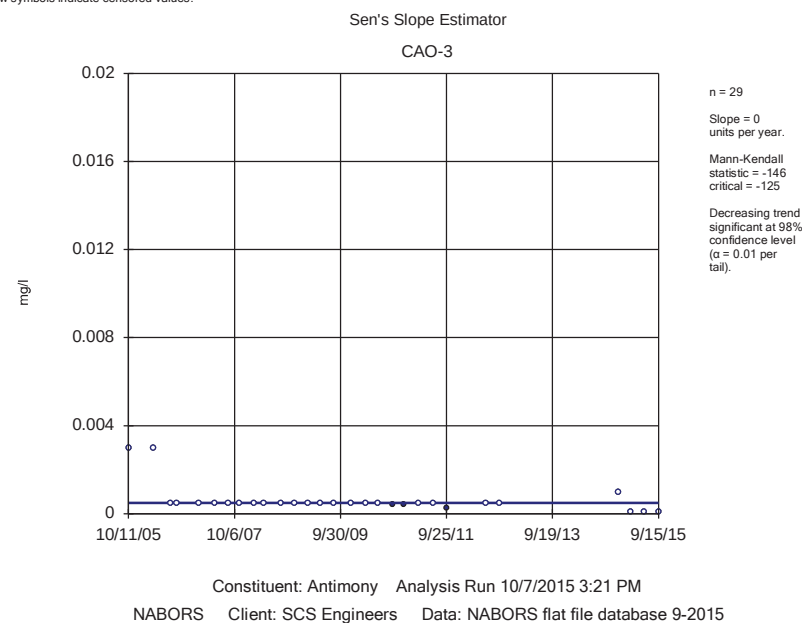
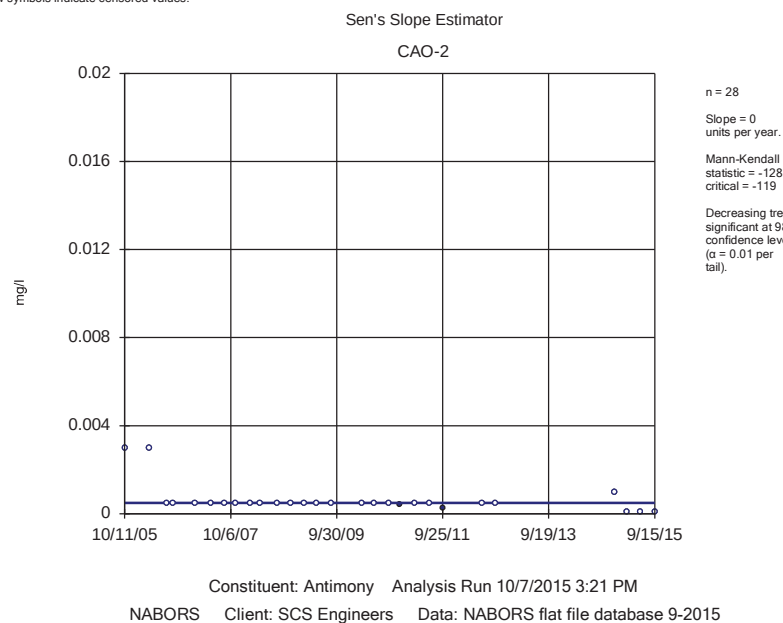
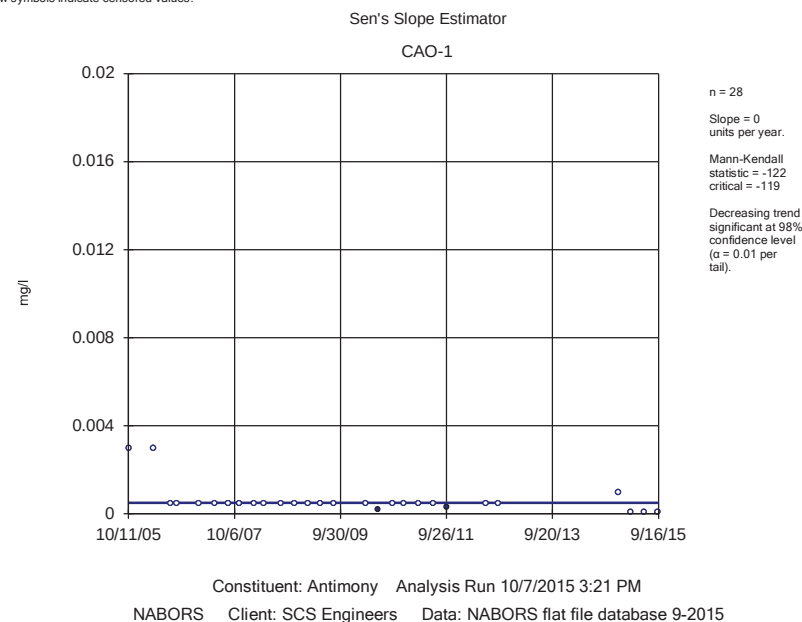
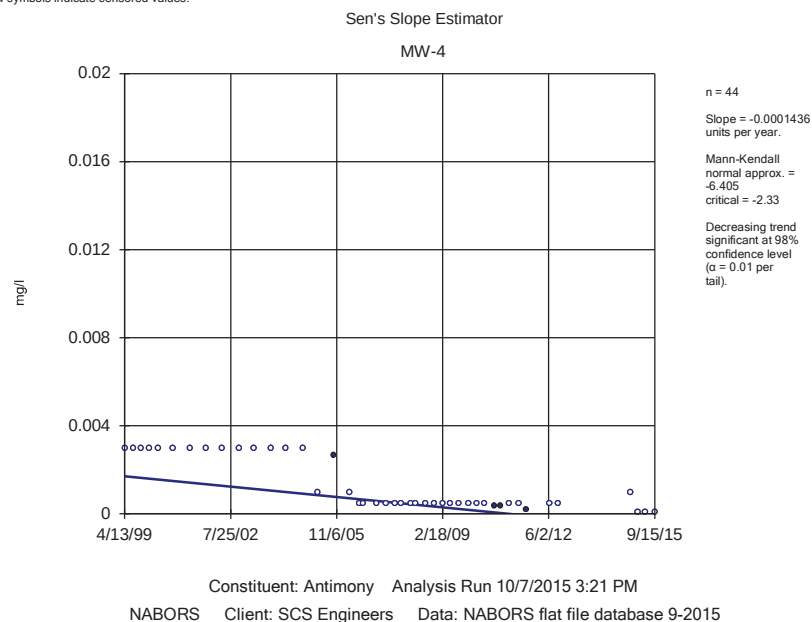
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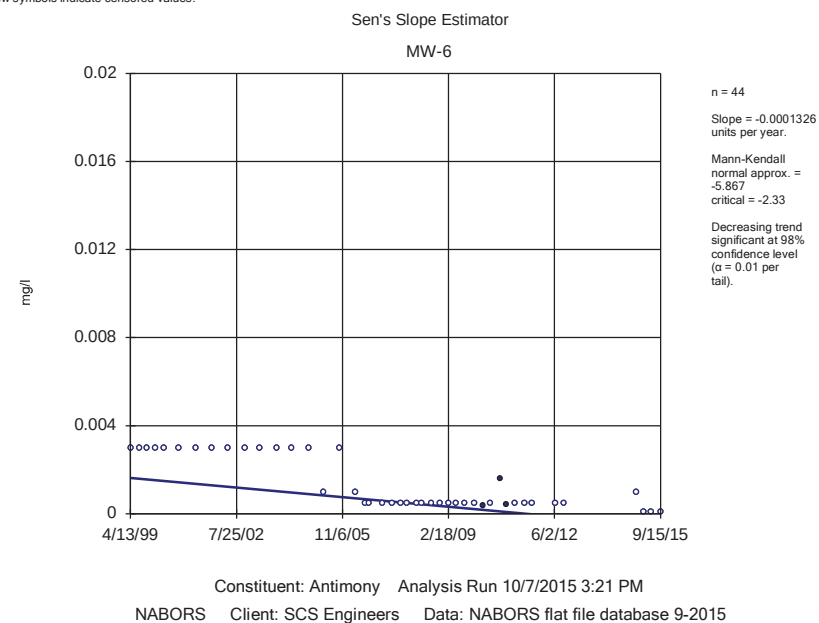
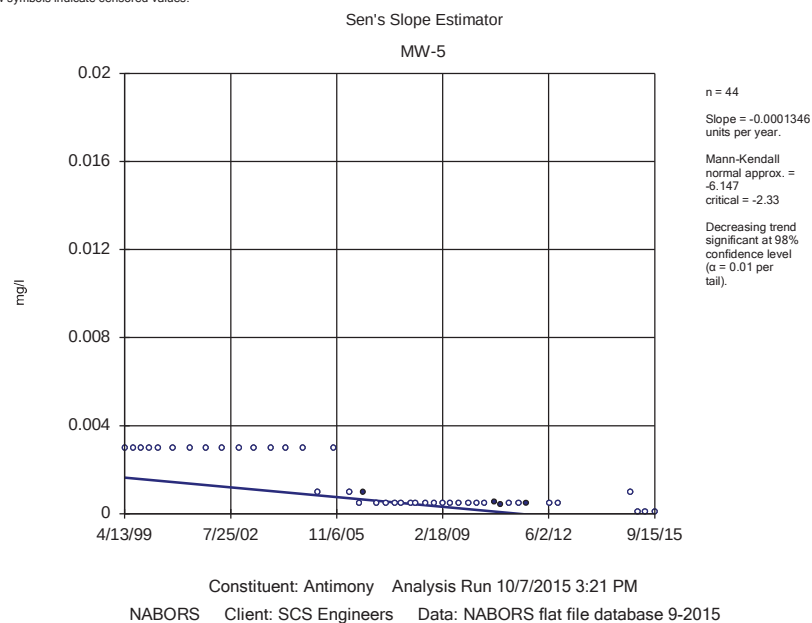
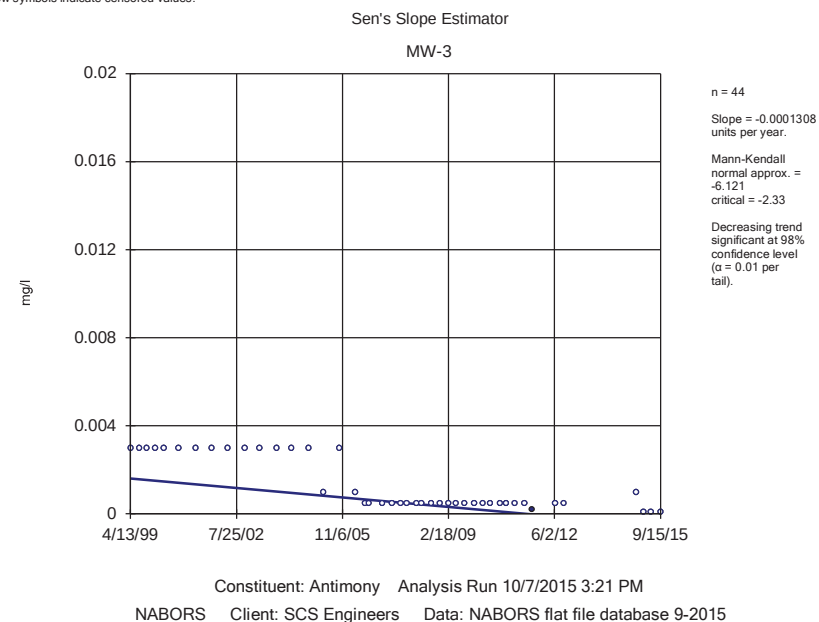
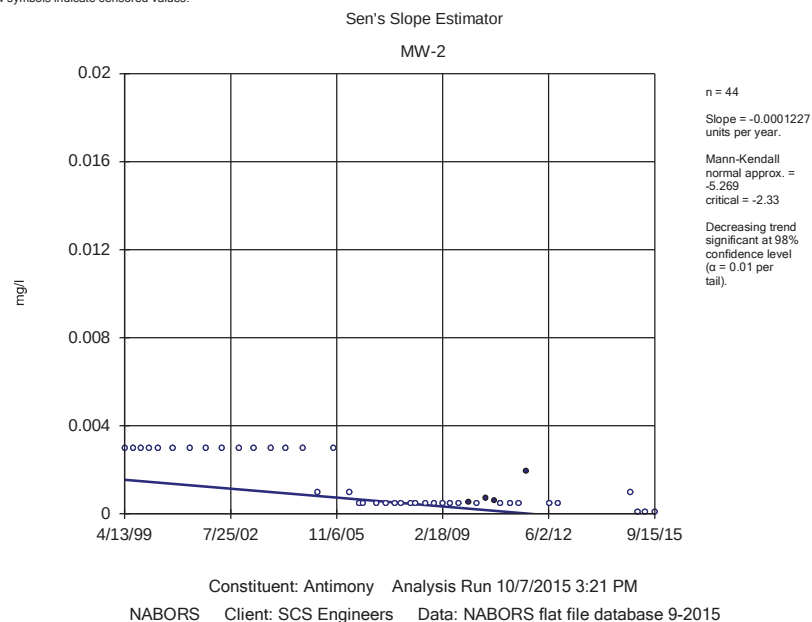
Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Zinc (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.02408	0.01171	unknown	ShapiroWilk
Zinc (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.9235	1.551	unknown	ShapiroWilk
Thallium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0001468	unknown	ShapiroWilk
Thallium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0001668	unknown	ShapiroWilk
Thallium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.000...	0.0002082	unknown	ShapiroWilk
Thallium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.000...	0.0002176	unknown	ShapiroWilk
Thallium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0004508	unknown	ShapiroWilk
Thallium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	0.000435	0.0002637	unknown	ShapiroWilk
Thallium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.000...	0.0002771	unknown	ShapiroWilk
Thallium (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.0004297	normal	ShapiroWilk
Thallium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	0.001903	0.002477	ln(x)	ShapiroWilk
Thallium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0001985	unknown	ShapiroWilk
Thallium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0003625	normal	ShapiroWilk
Thallium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.000...	0.0002476	unknown	ShapiroWilk
Thallium (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.000...	0.0004525	unknown	ShapiroWilk
Tin (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	22	0.006006	0.01405	unknown	ShapiroWilk
Tin (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	22	0.006775	0.01683	unknown	ShapiroWilk
Tin (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	22	0.01506	0.04418	unknown	ShapiroWilk
Tin (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	22	0.008695	0.01871	unknown	ShapiroWilk
Tin (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	22	0.003893	0.005651	unknown	ShapiroWilk
Tin (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	22	0.005475	0.01149	unknown	ShapiroWilk
Tin (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	22	0.006508	0.01608	unknown	ShapiroWilk
Tin (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	23	0.0251	0.0864	unknown	ShapiroWilk
Tin (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	22	0.008498	0.02744	unknown	ShapiroWilk
Tin (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	22	0.007115	0.01779	unknown	ShapiroWilk
Tin (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	23	0.01472	0.03298	unknown	ShapiroWilk
Tin (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	23	0.009571	0.02005	unknown	ShapiroWilk
Tin (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	22	0.003059	0.004354	unknown	ShapiroWilk
Tin (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	23	0.008244	0.02289	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	3.937	11.07	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	1.789	1.691	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-3	Yes	0.05	6/9/2015	EPA 1989	0.05	27	2.587	2.696	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	2.84	6.281	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	2.897	5.792	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	3.165	3.015	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	SP-7	Yes	16	12/8/2010	EPA 1989	0.05	16	4.149	3.369	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	SPRINGA	Yes	27,0.26	12/8/2010...	EPA 1989	0.05	24	3.116	5.208	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	11	6.681	3.698	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	4.098	1.52	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	LFENTRANC...	Yes	7.5	6/10/2015	EPA 1989	0.05	4	4.348	2.113	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	6	14.25	11.21	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	65.5	31.26	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	1.91	1.898	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	6	0.8017	0.88	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	2.81	0.9175	normal	ShapiroWilk
Vanadium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	44	0.06799	0.09135	unknown	ShapiroWilk
Vanadium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	30	0.005844	0.004718	unknown	ShapiroWilk
Vanadium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	30	0.008116	0.01288	unknown	ShapiroWilk
Vanadium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	30	0.006023	0.00579	unknown	ShapiroWilk

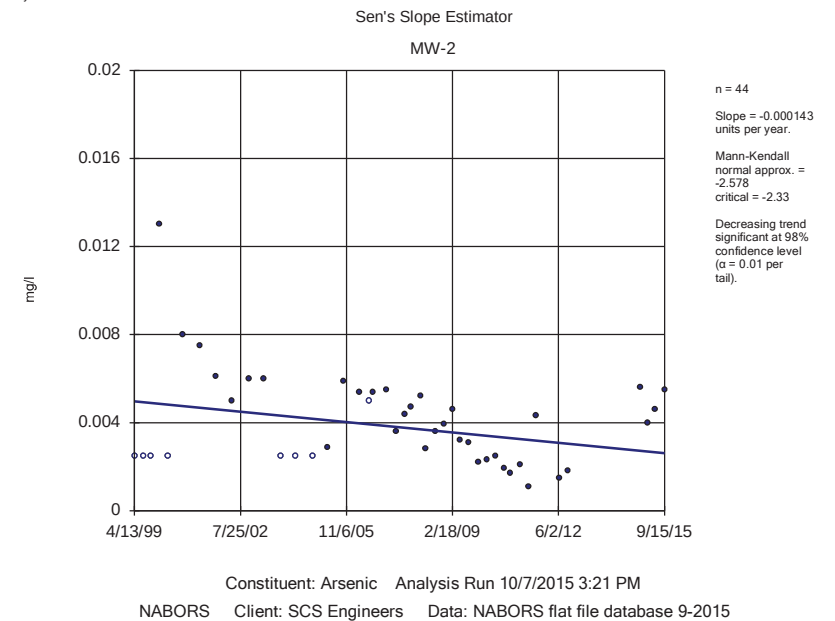
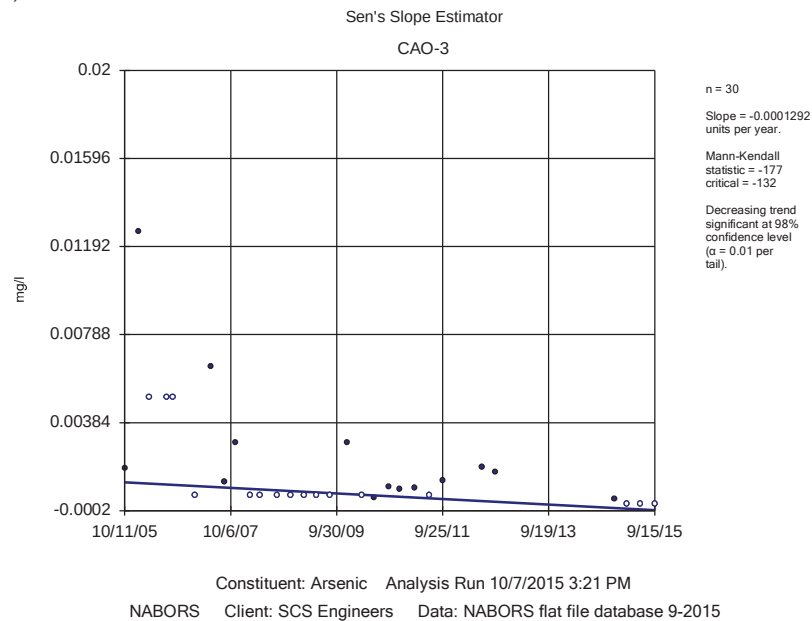
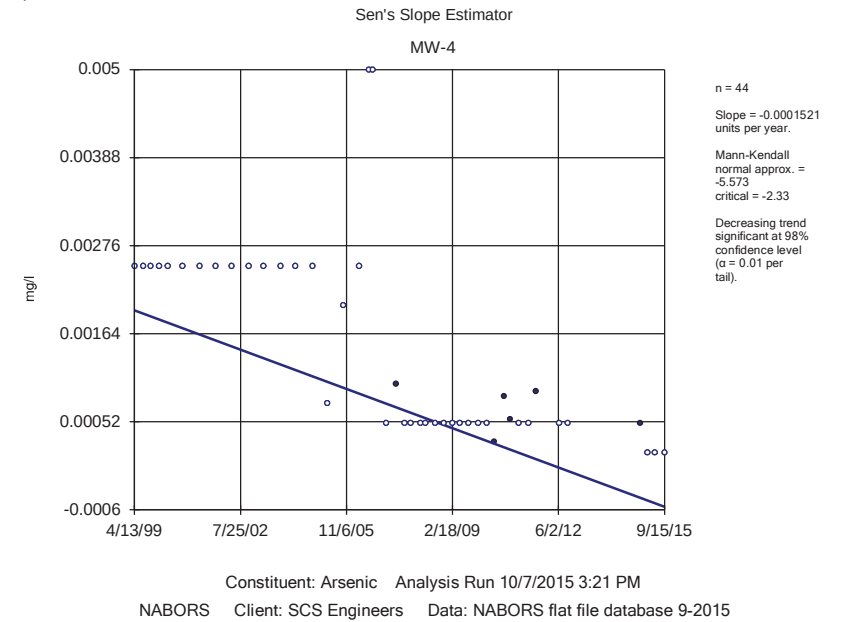
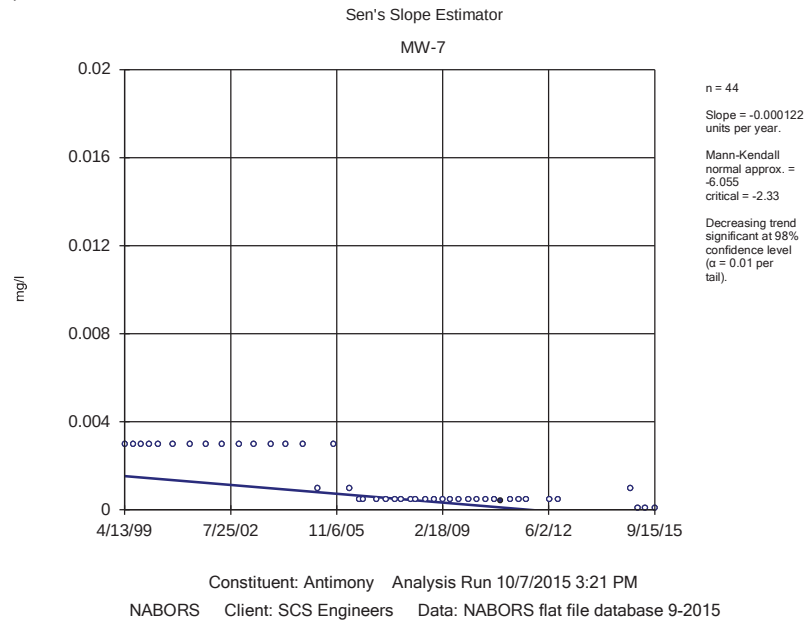
Outlier Analysis

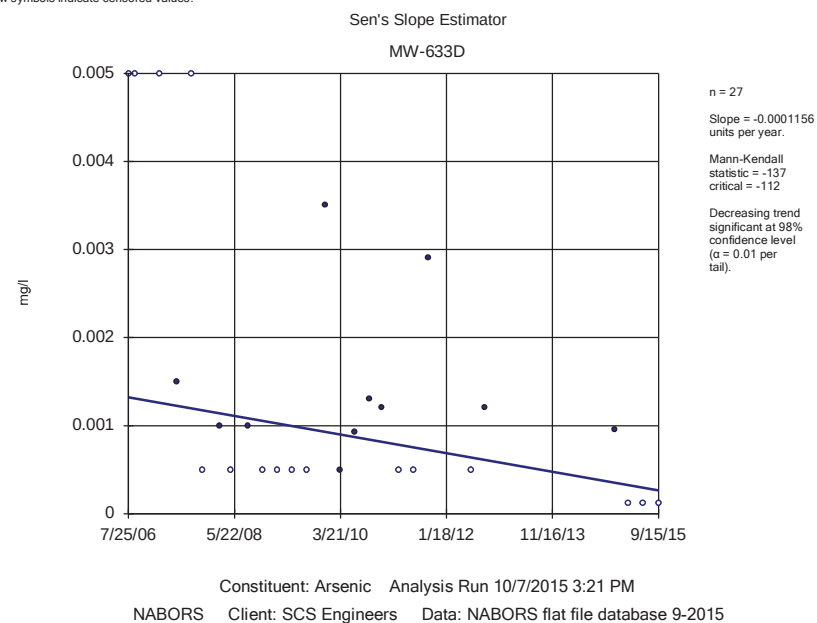
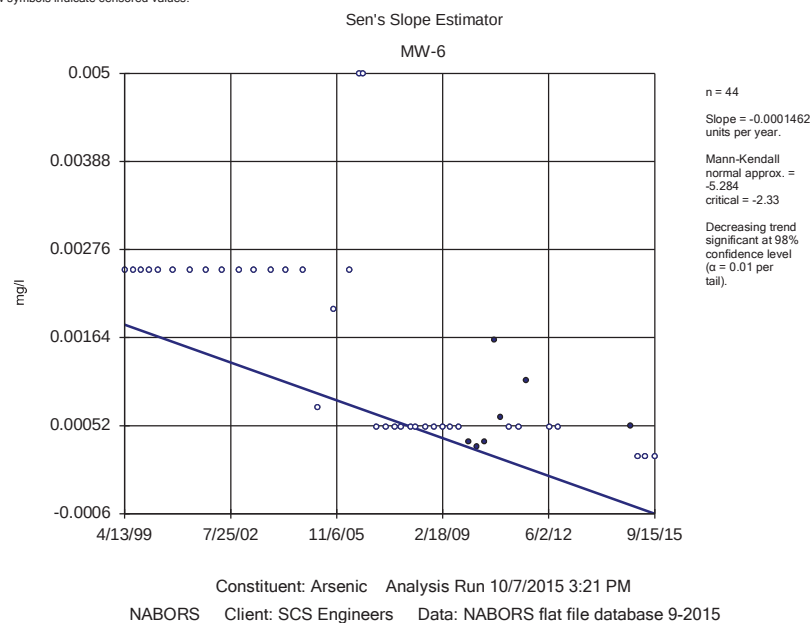
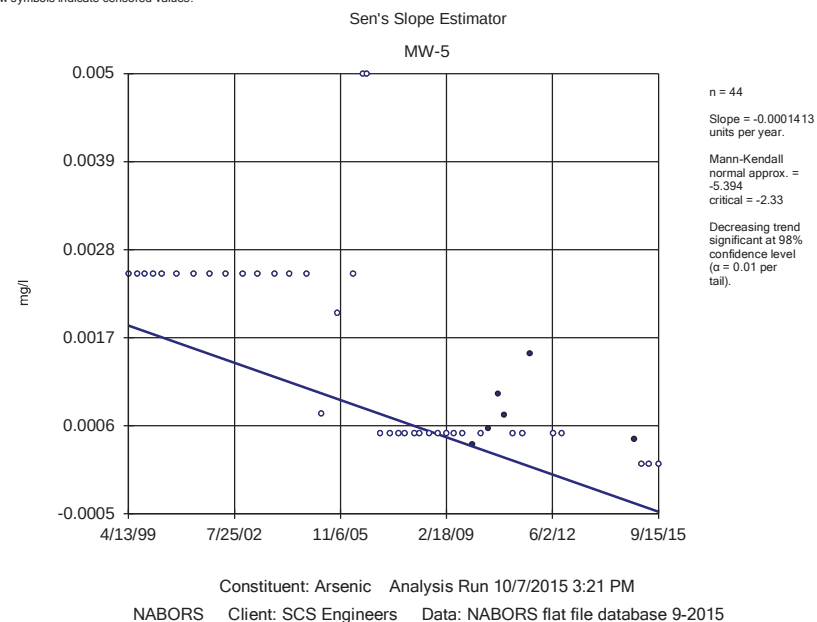
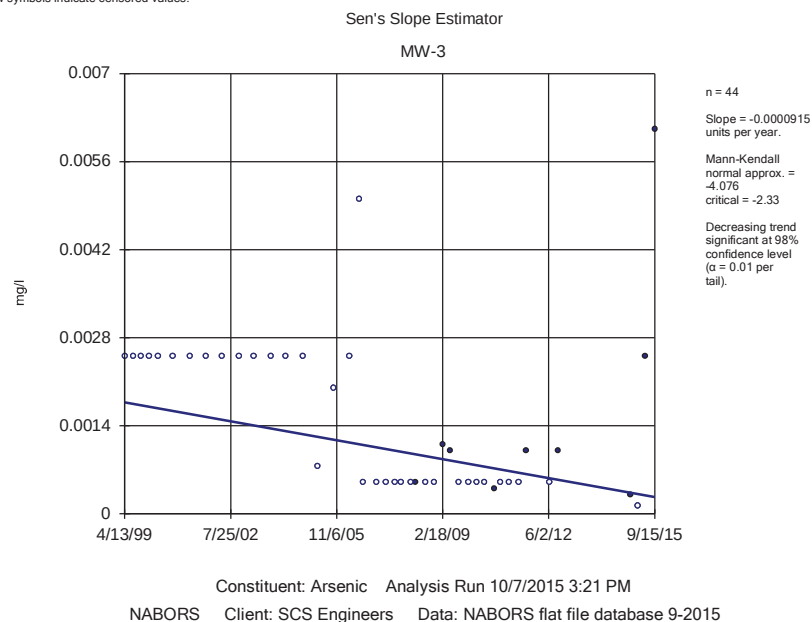
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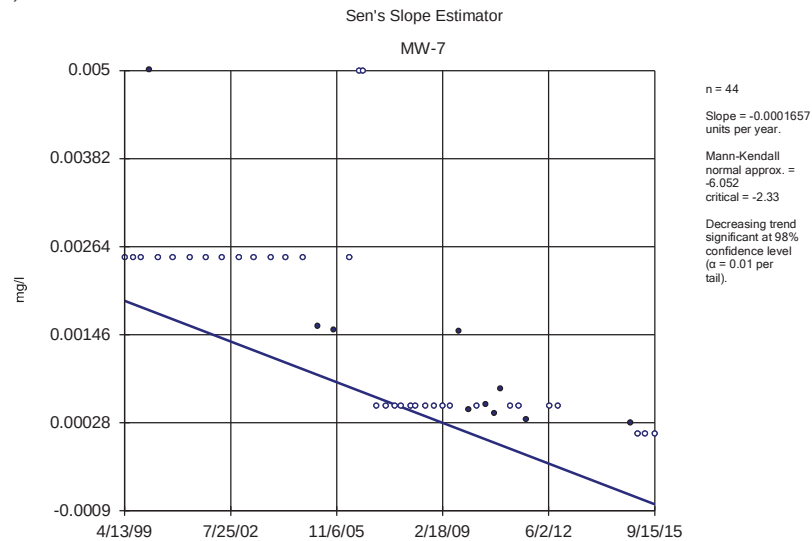
<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Vanadium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	44	0.06742	0.09166	unknown	ShapiroWilk
Vanadium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	44	0.06883	0.091	unknown	ShapiroWilk
Vanadium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	44	0.06799	0.09139	unknown	ShapiroWilk
Vanadium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	27	0.01461	0.02061	unknown	ShapiroWilk
Vanadium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.00564	0.005182	unknown	ShapiroWilk
Zinc (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	25	0.01601	0.01769	ln(x)	ShapiroWilk
Zinc (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	44	0.03195	0.01476	unknown	ShapiroWilk
Zinc (mg/l)	MW-633D	Yes	0.032	11/6/2007	EPA 1989	0.05	27	0.2114	0.05517	normal	ShapiroWilk
Zinc (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	25	0.03492	0.04192	unknown	ShapiroWilk
Zinc (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	44	0.0178	0.01562	unknown	ShapiroWilk
Zinc (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	27	0.03676	0.01456	normal	ShapiroWilk
Zinc (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	27	0.1112	0.04708	ln(x)	ShapiroWilk
Zinc (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	26	0.4912	0.2141	normal	ShapiroWilk
Zinc (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	27	0.0483	0.02853	unknown	ShapiroWilk
Zinc (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	20	0.04965	0.1534	unknown	ShapiroWilk
Zinc (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	16	0.01644	0.01904	ln(x)	ShapiroWilk
Zinc (mg/l)	SPRINGA	Yes	0.00128	9/16/2015	EPA 1989	0.05	24	0.06622	0.04749	normal	ShapiroWilk
Zinc (mg/l)	SPRINGB	Yes	0.00128,0...	9/16/2015...	EPA 1989	0.05	11	0.0243	0.01543	normal	ShapiroWilk
Zinc (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	10	0.3392	1.04	unknown	ShapiroWilk
Zinc (mg/l)	LFENTRANC...	No	n/a	n/a	EPA 1989	0.05	4	0.006395	0.007932	normal	ShapiroWilk
Zinc (mg/l)	MW-1R	Yes	4.8,0.85	6/21/2012...	EPA 1989	0.05	6	1.923	1.434	normal	ShapiroWilk
Zinc (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	6	0.2045	0.3938	ln(x)	ShapiroWilk
Zinc (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	6	0.09353	0.08935	ln(x)	ShapiroWilk
Zinc (mg/l)	NE-6	Yes	0.35	12/16/2014	EPA 1989	0.05	6	0.6105	0.1399	normal	ShapiroWilk
Zinc (mg/l)	SP-NE-3	No	n/a	n/a	EPA 1989	0.05	4	0.02389	0.03552	normal	ShapiroWilk



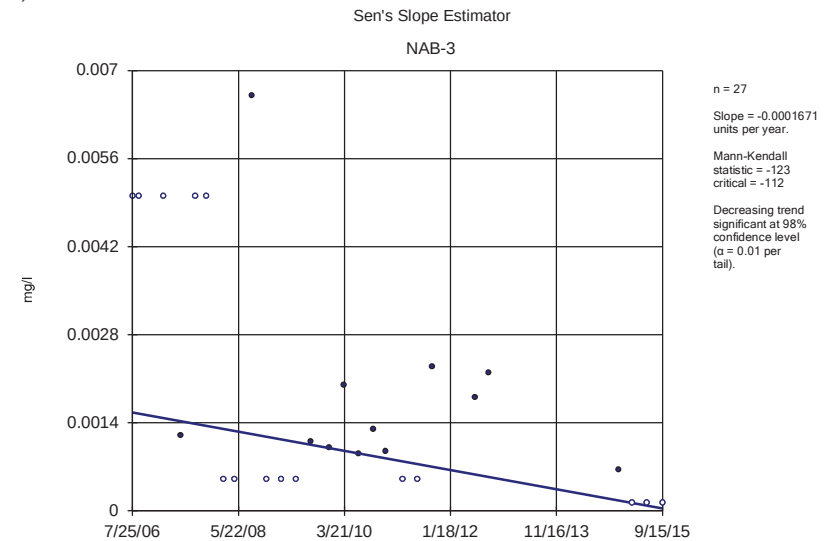




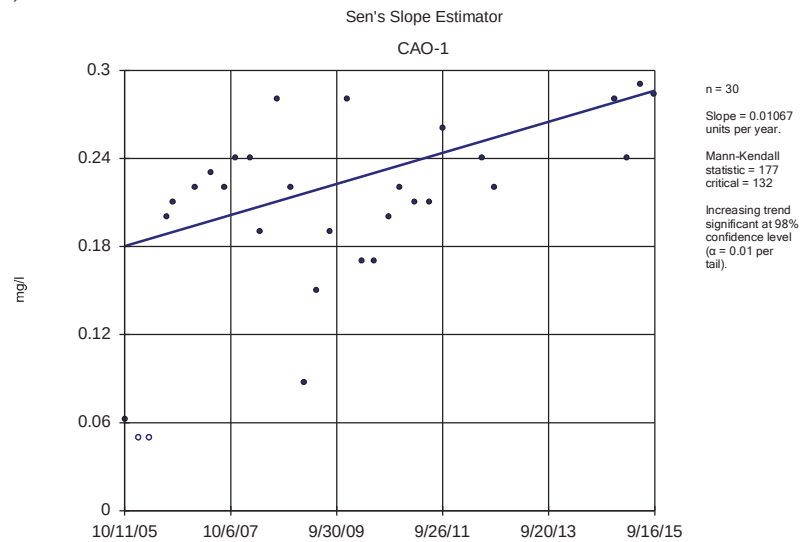




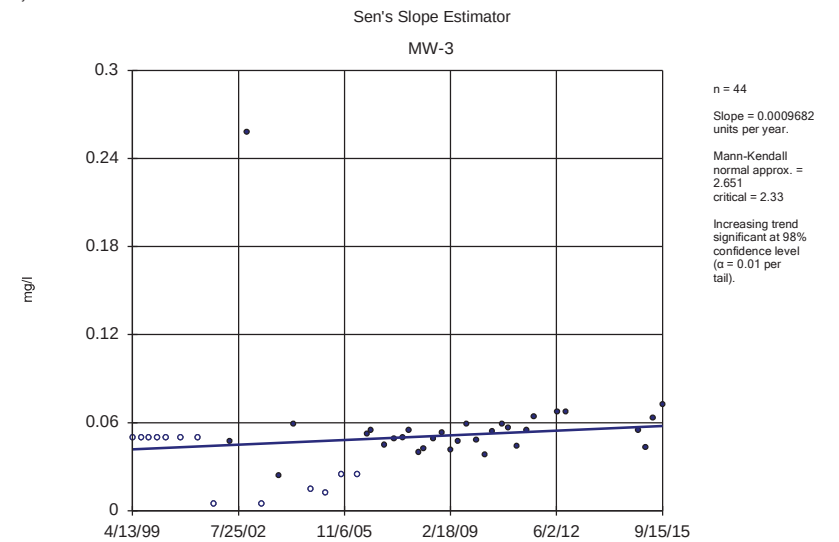
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015



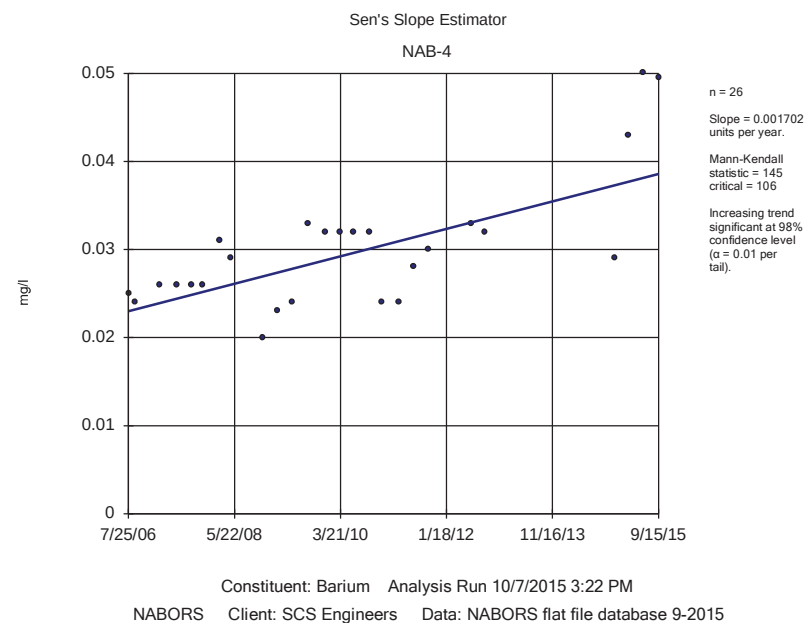
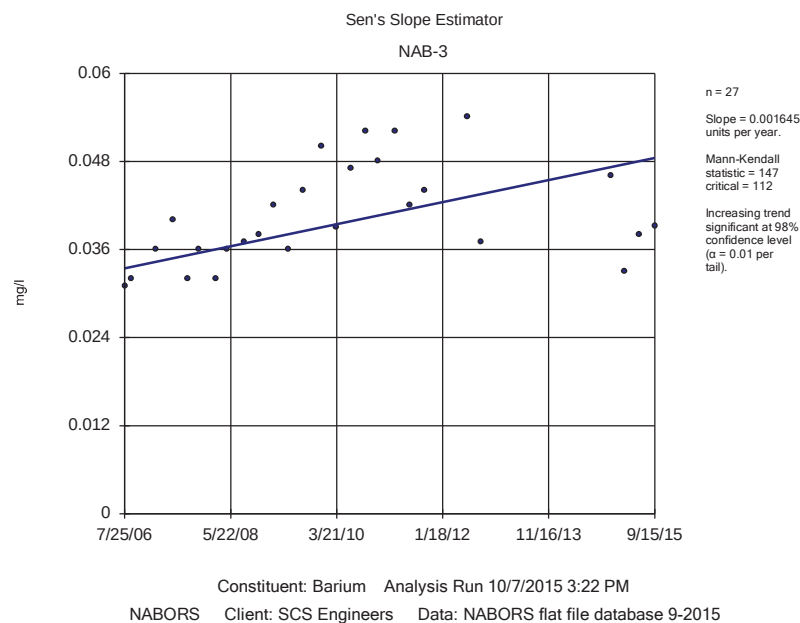
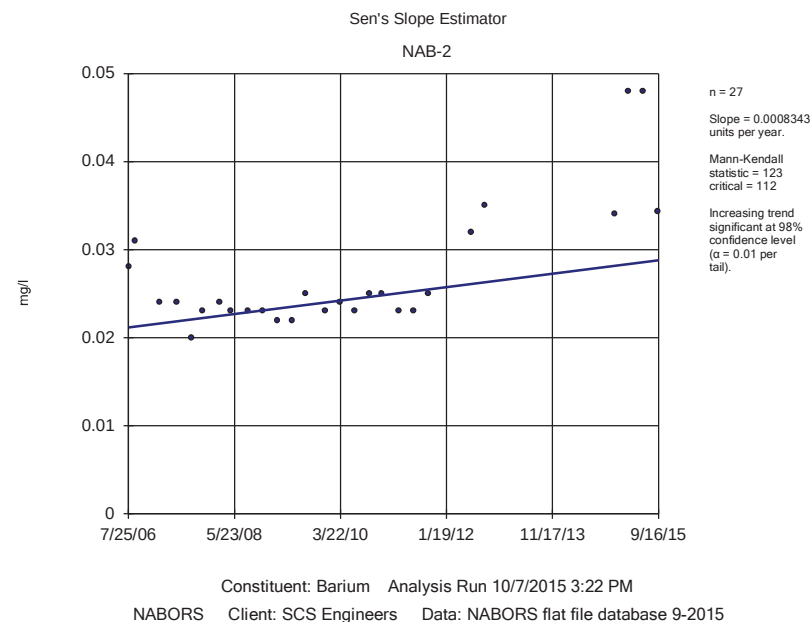
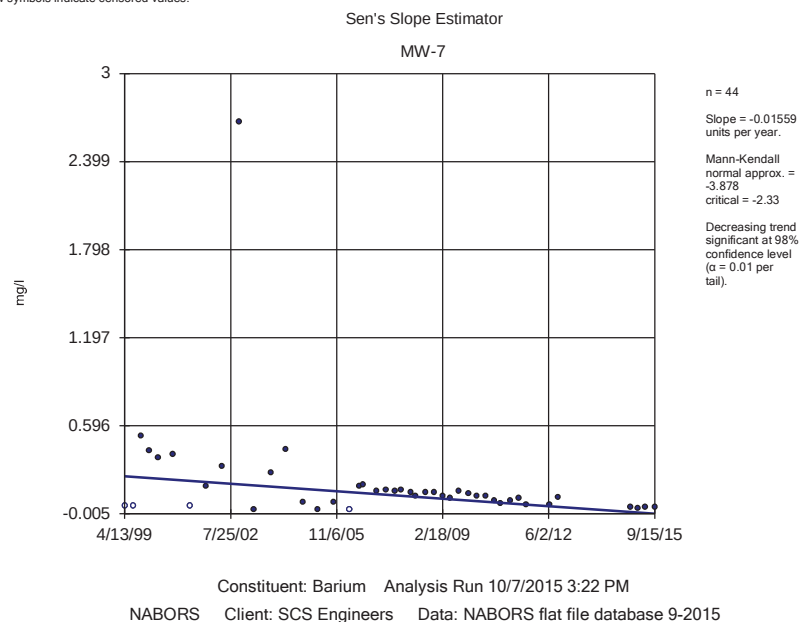
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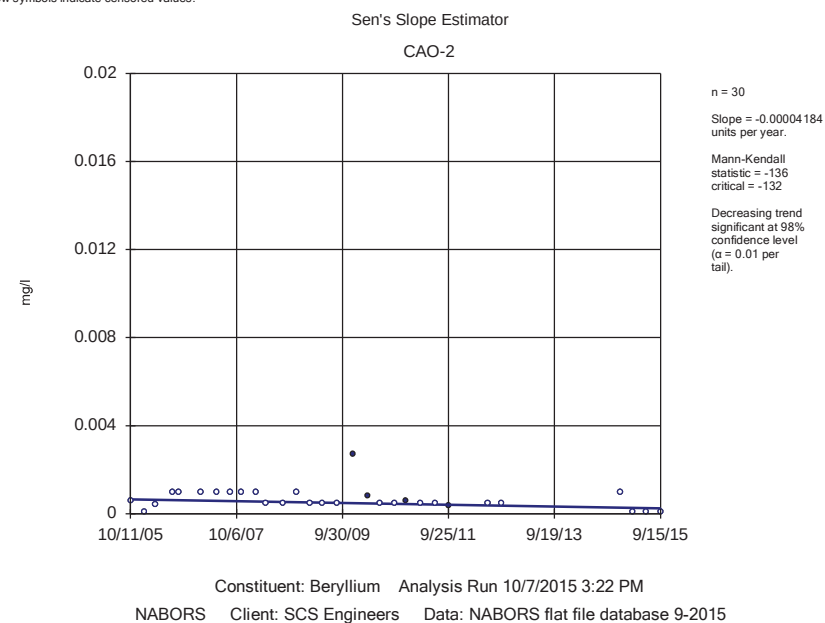
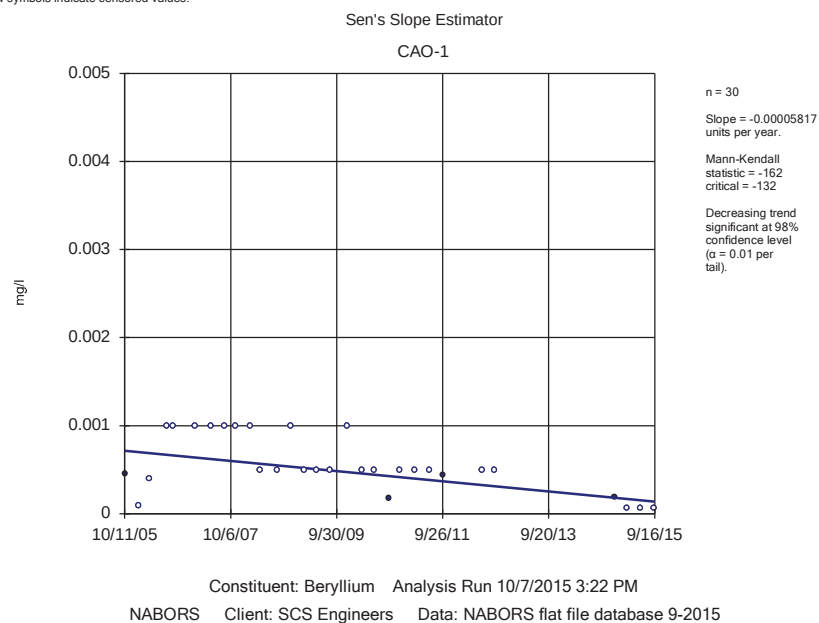
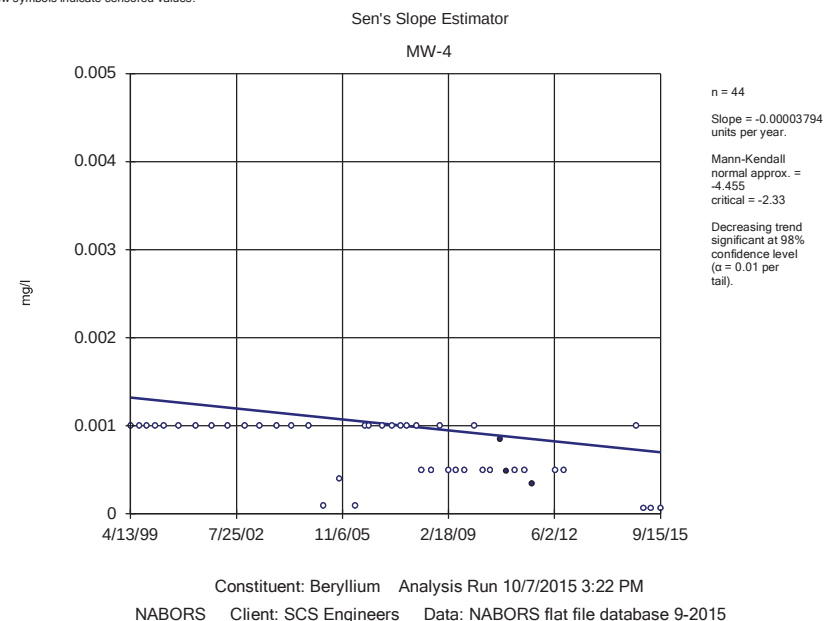
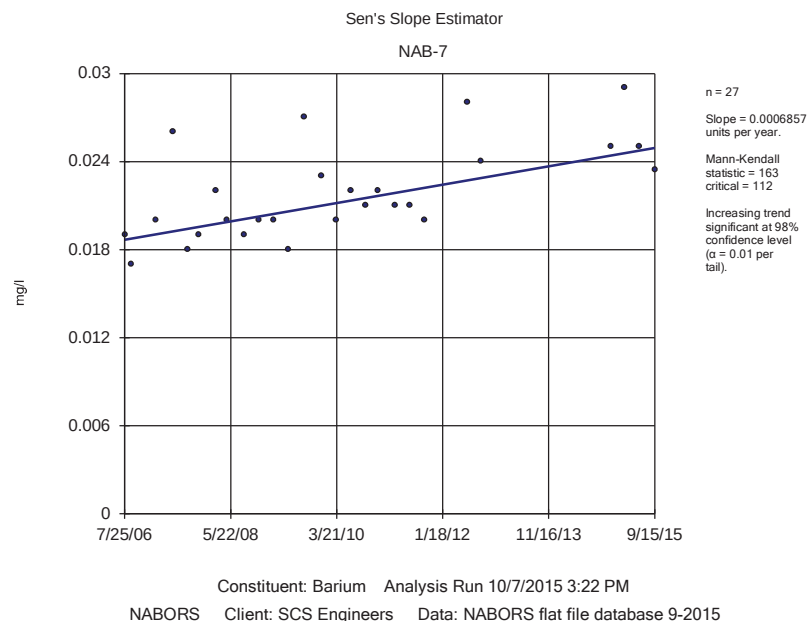


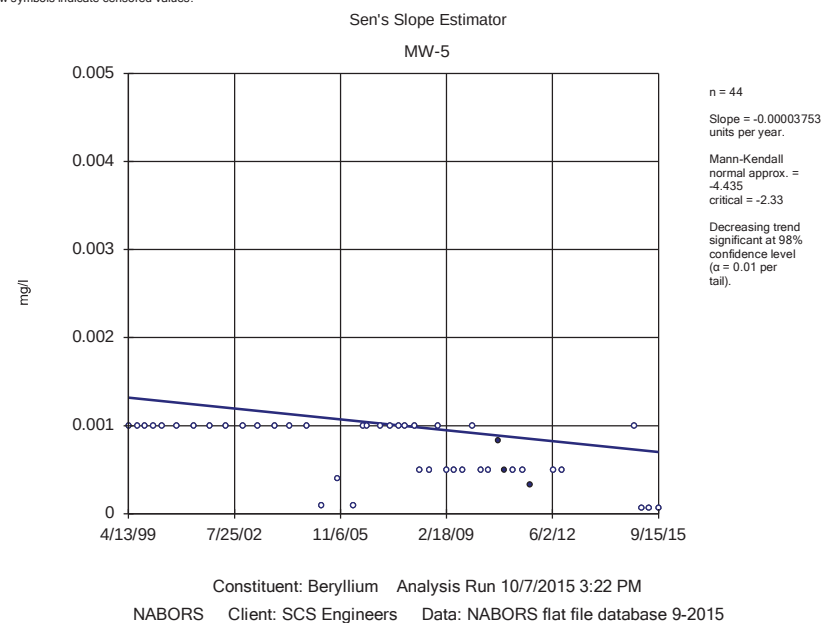
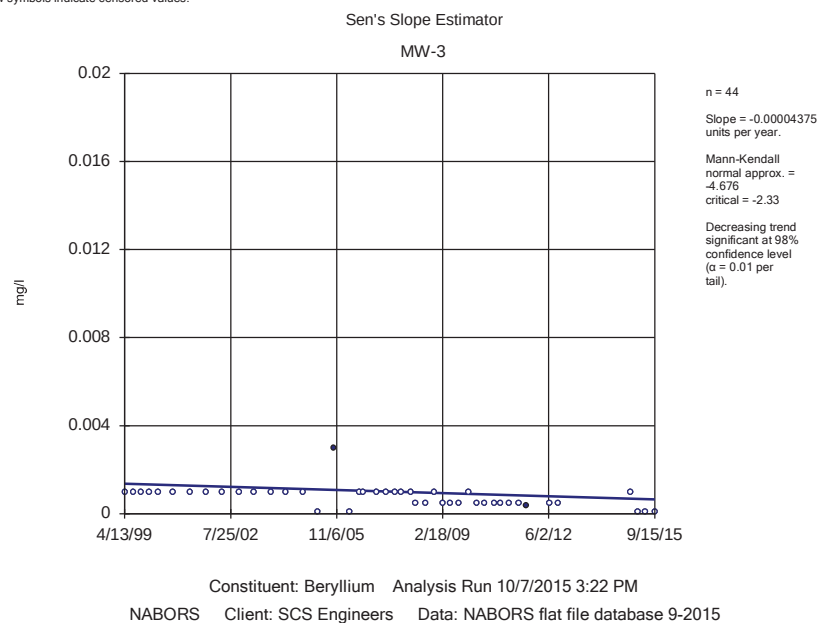
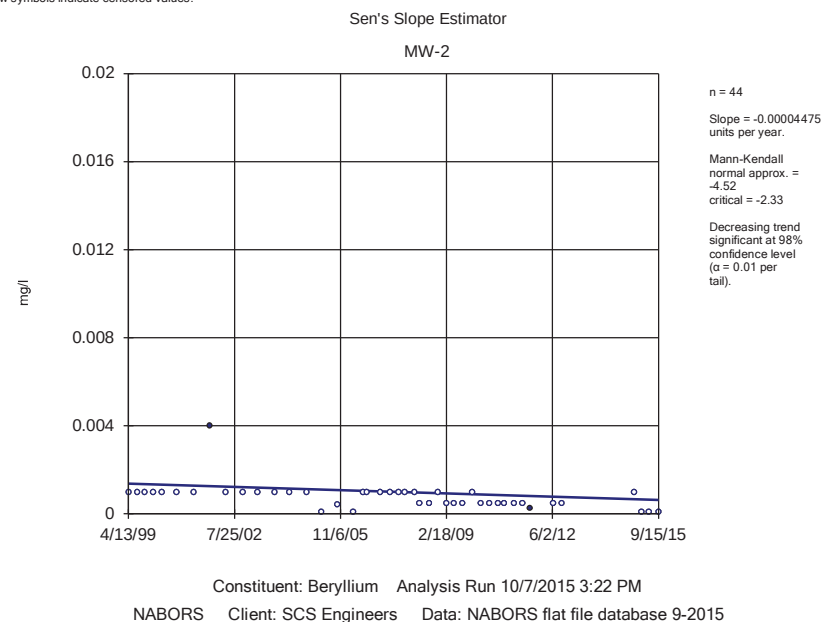
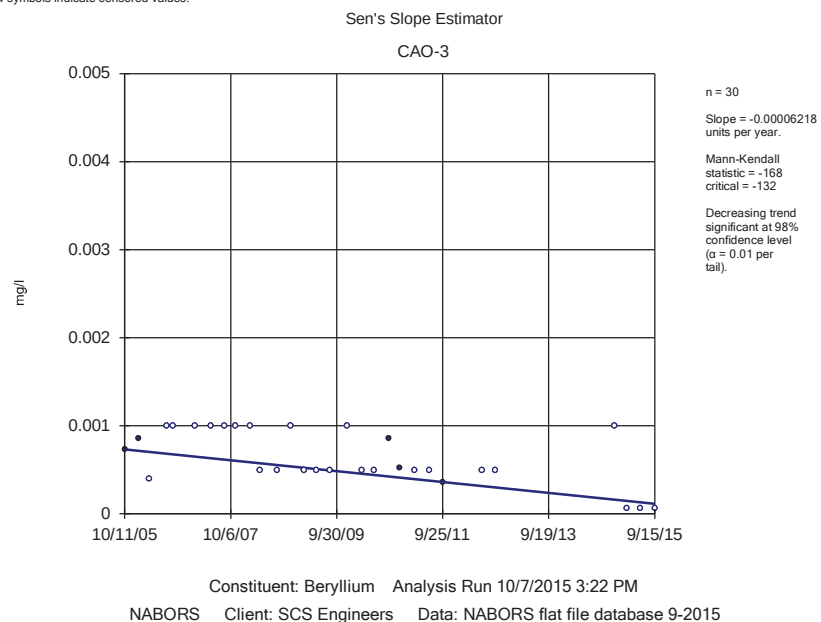
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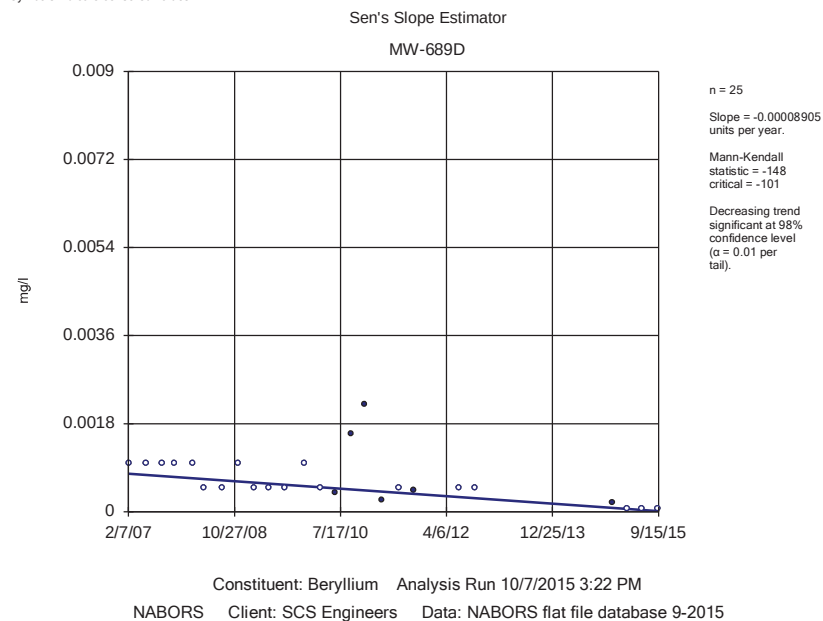
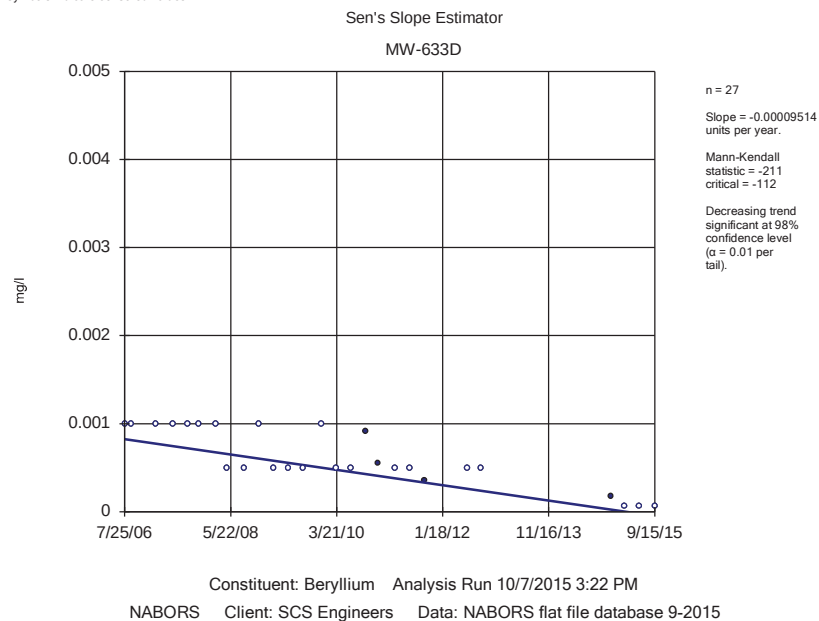
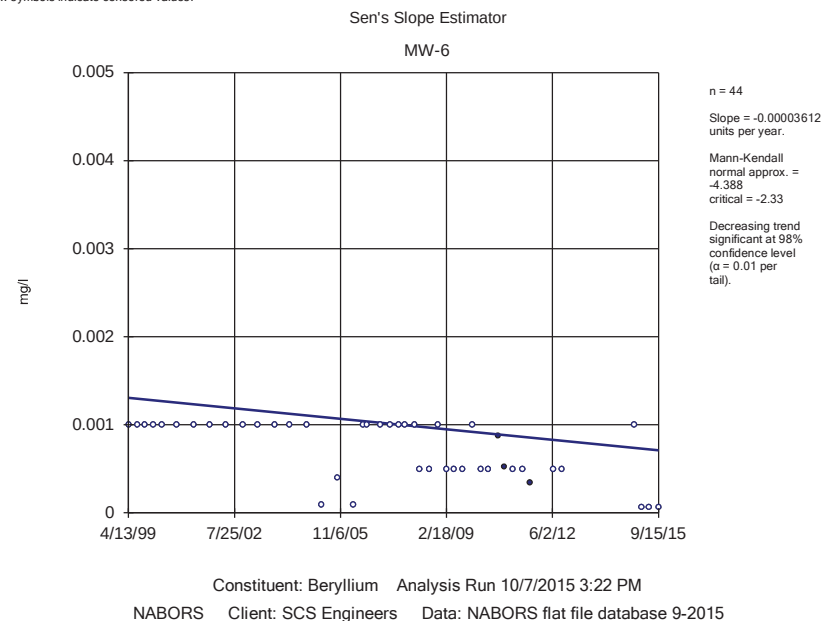
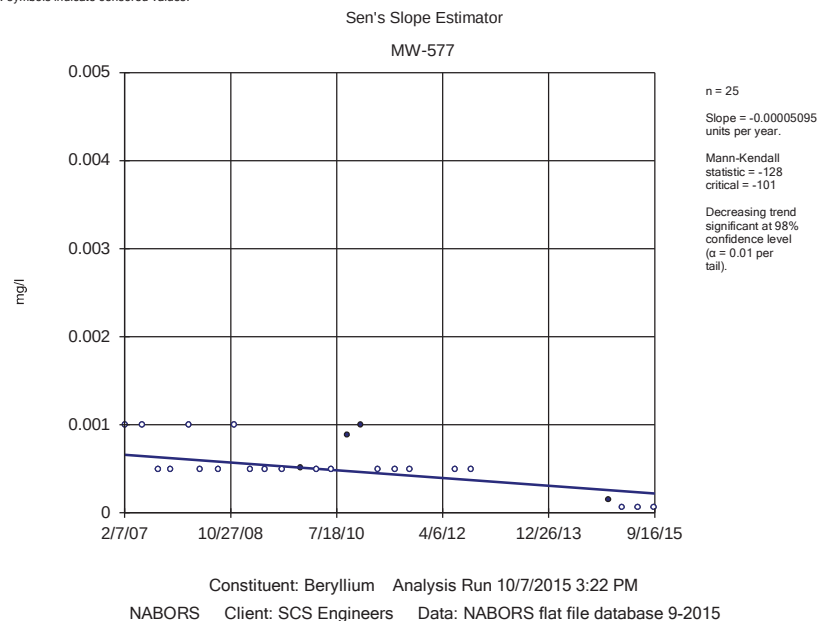


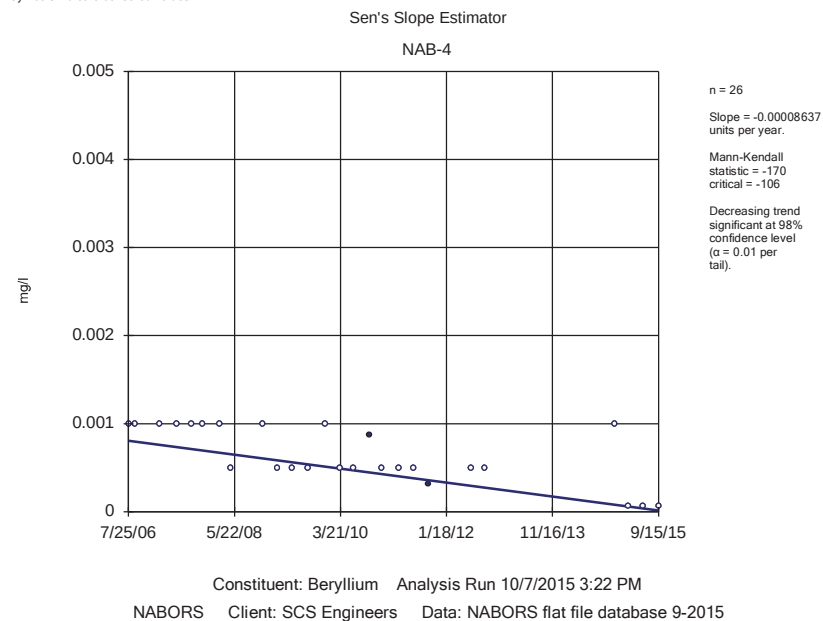
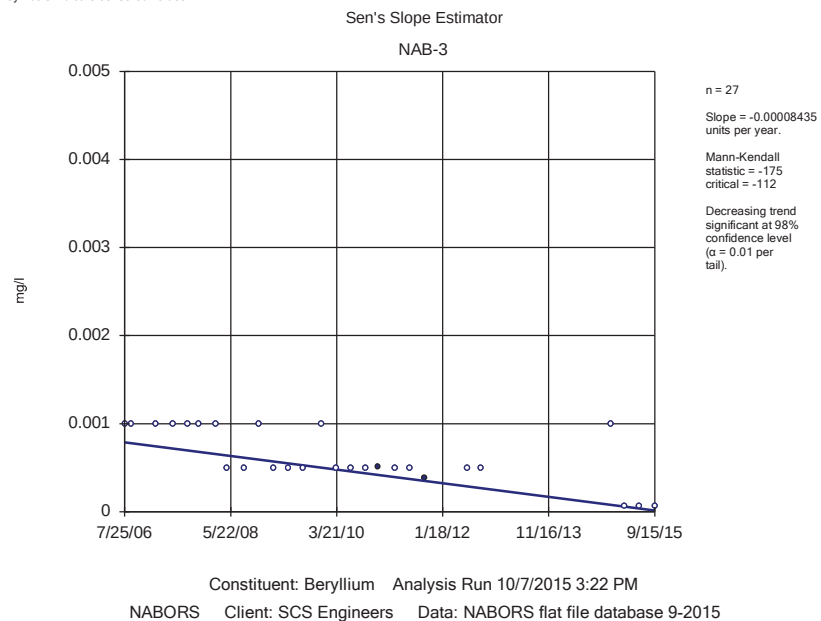
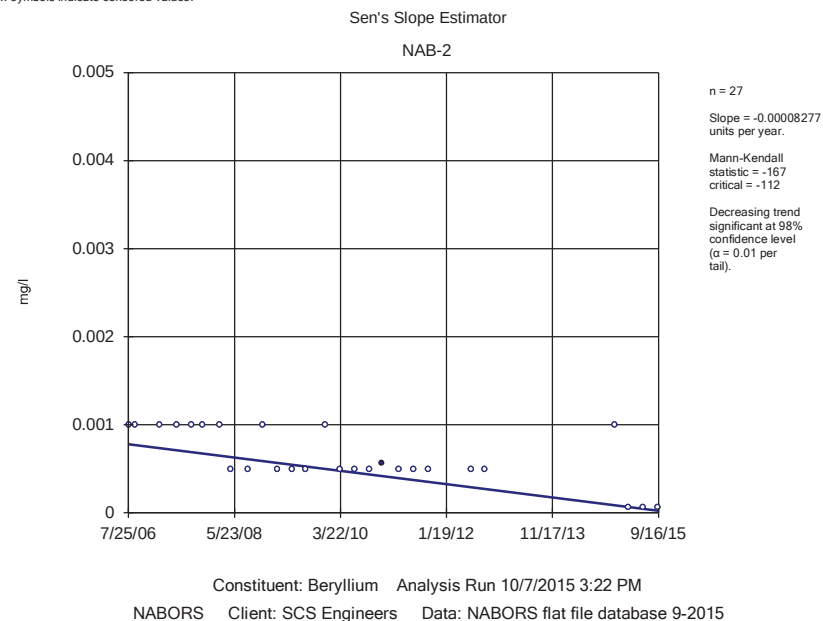
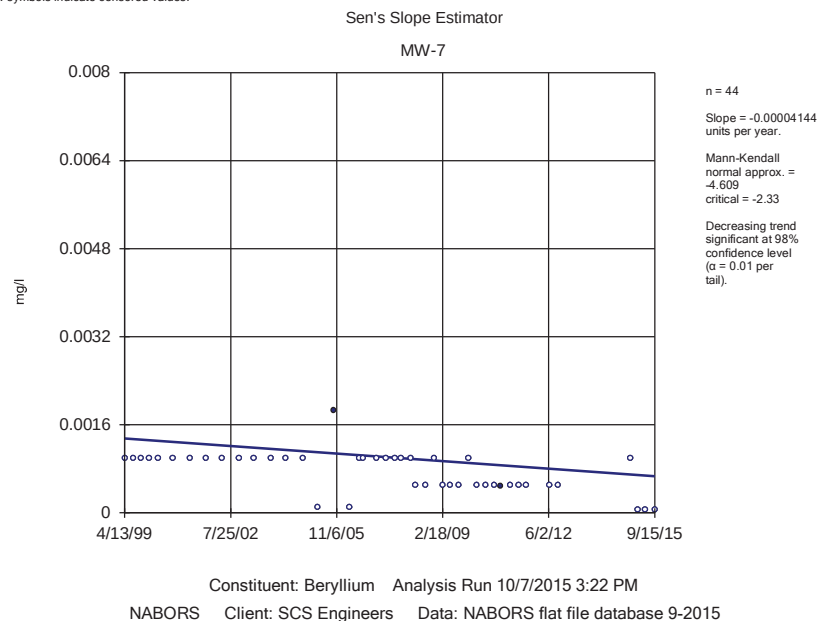
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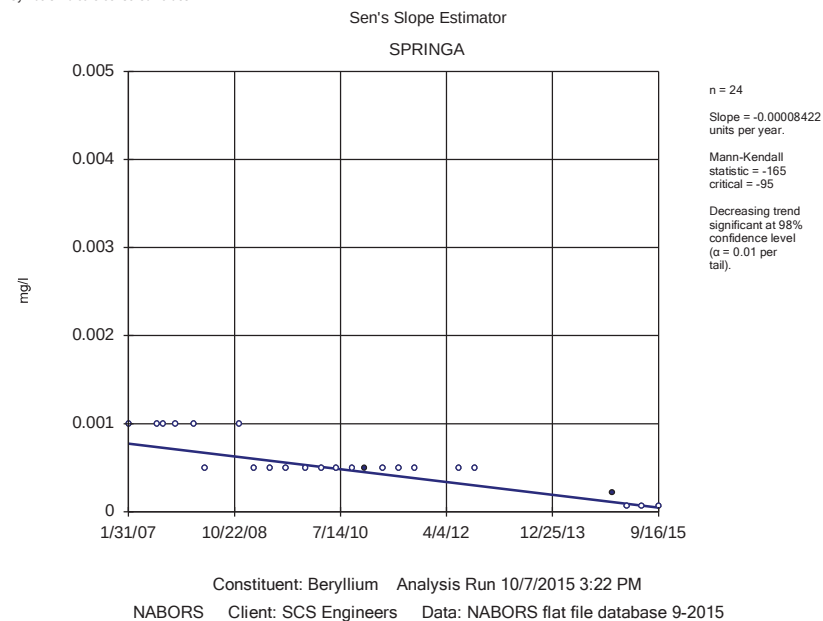
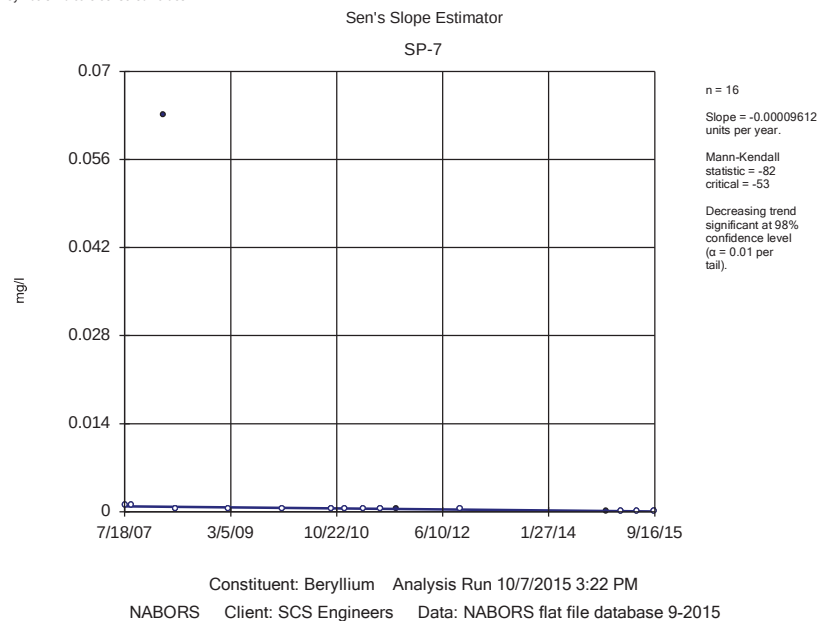
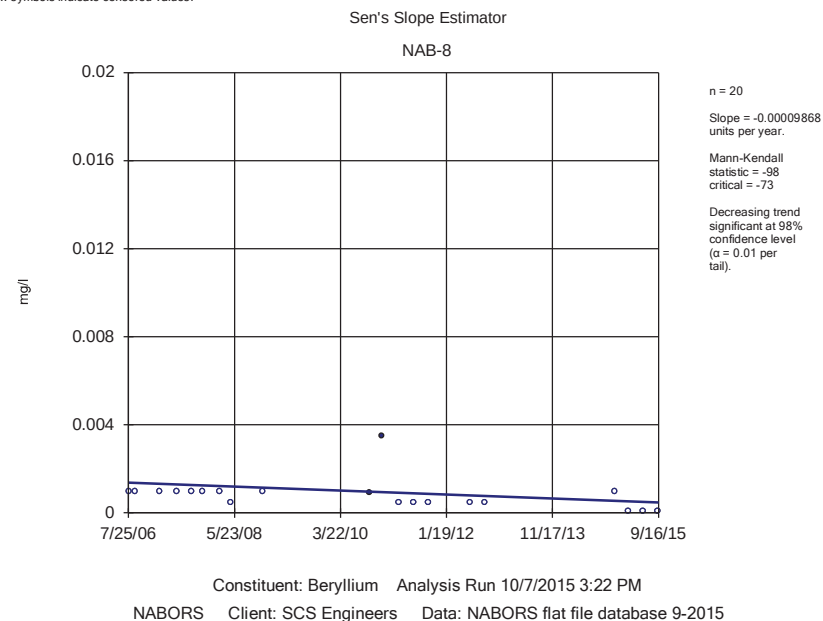
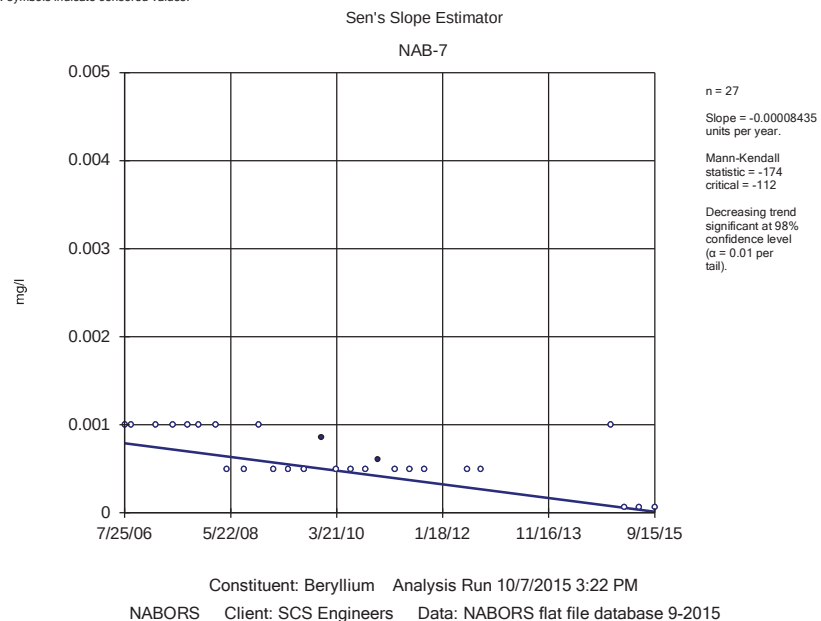


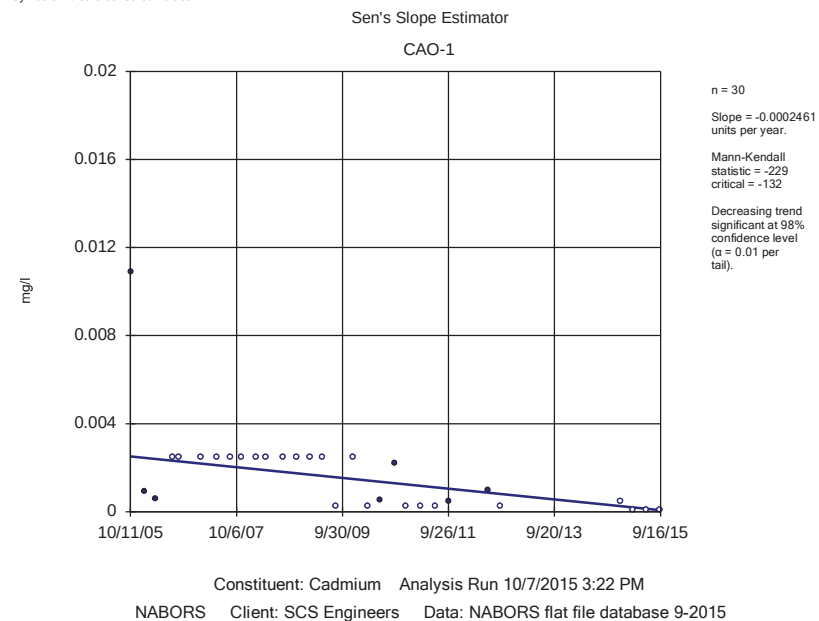
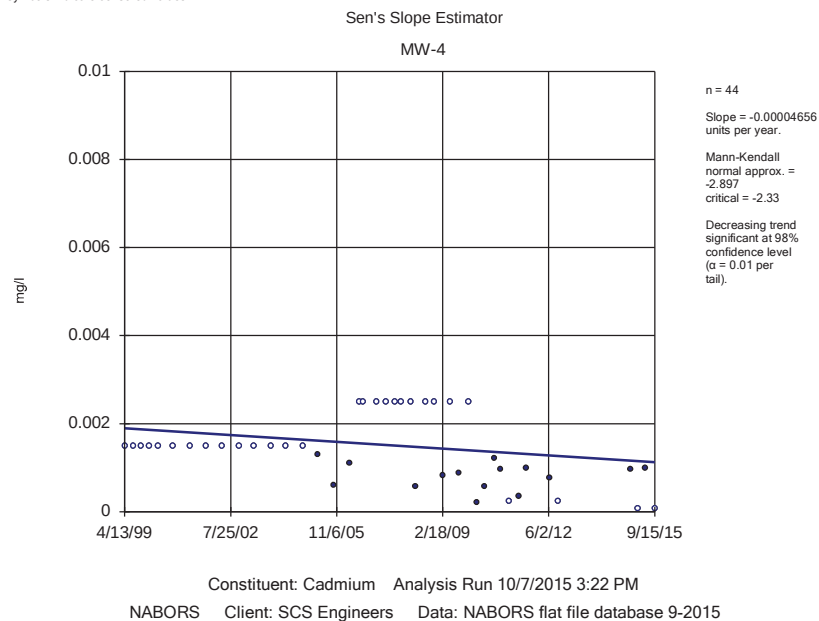
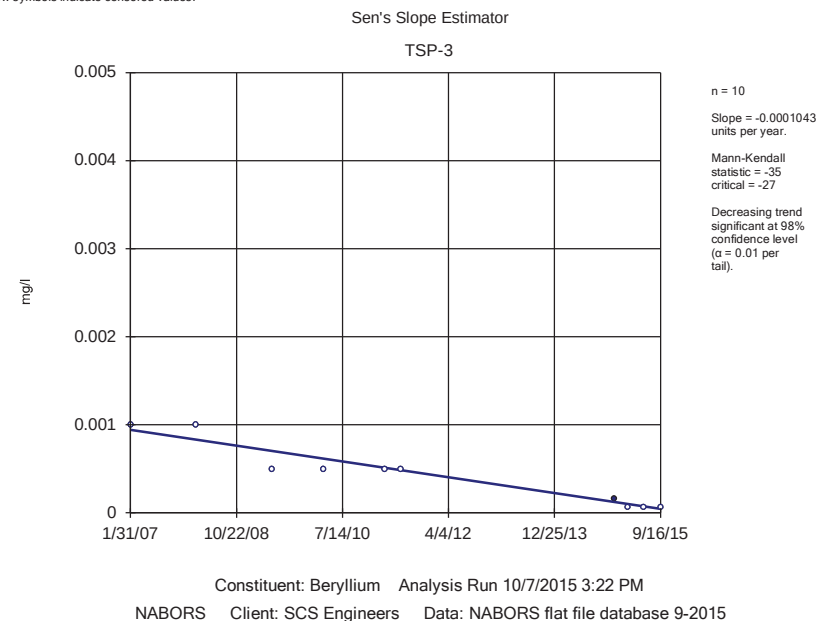
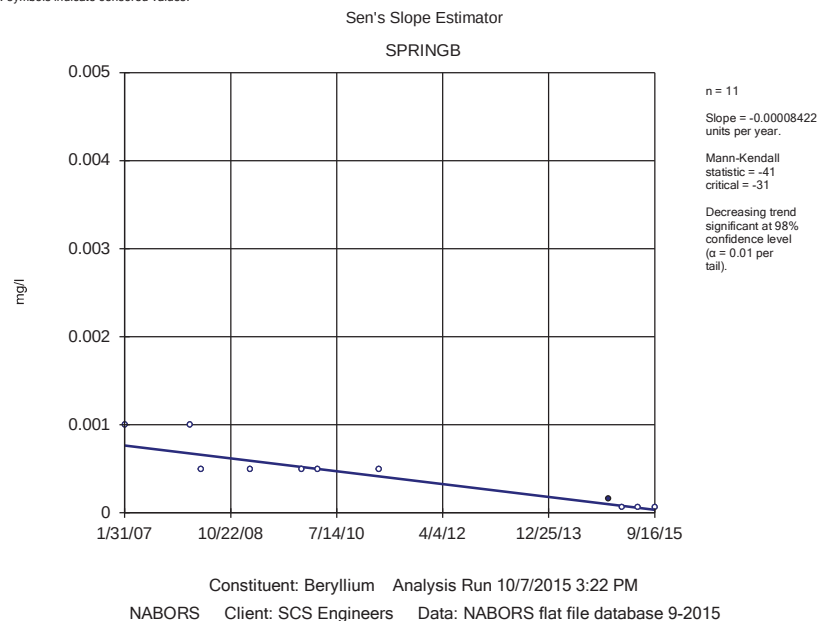


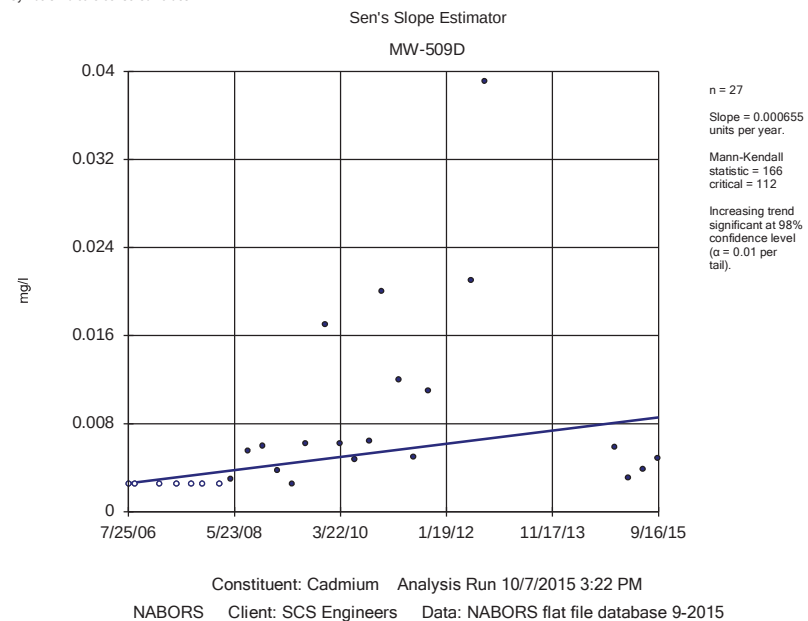
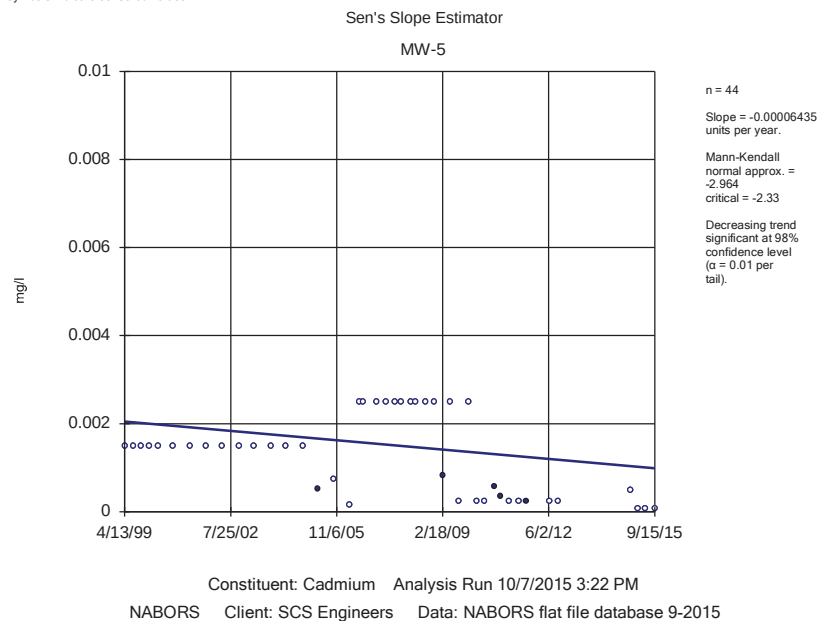
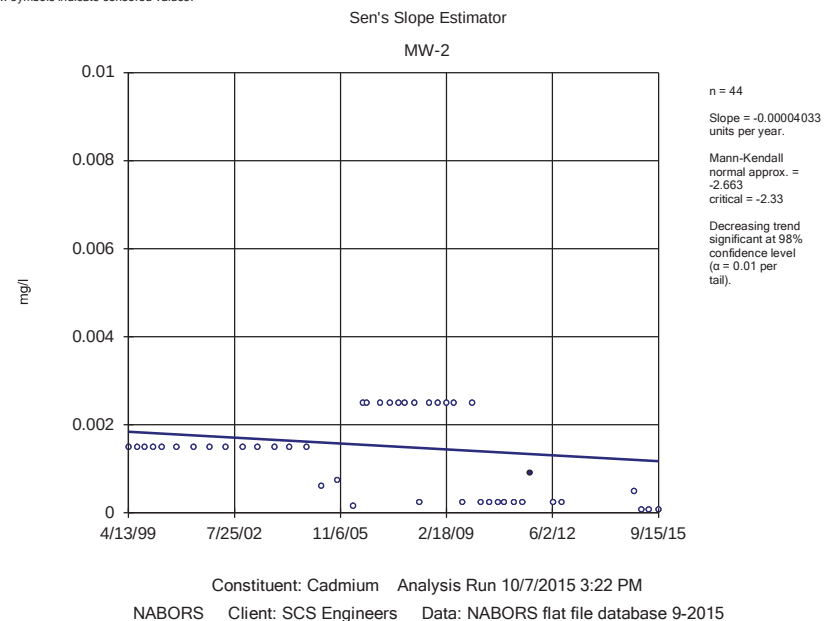
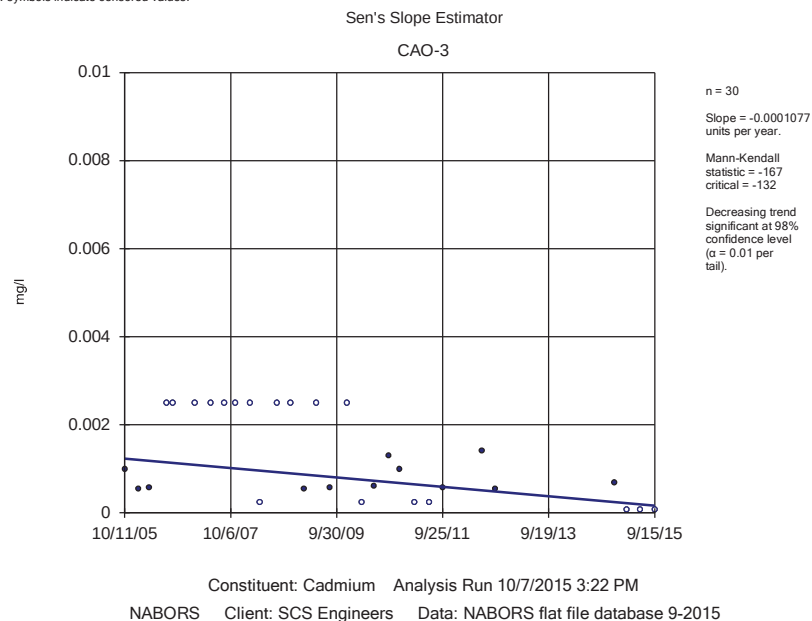


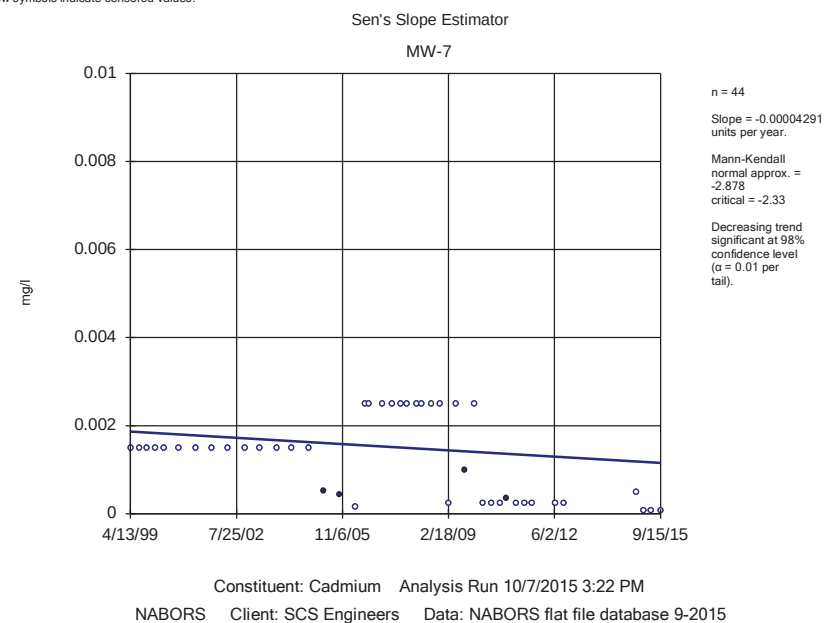
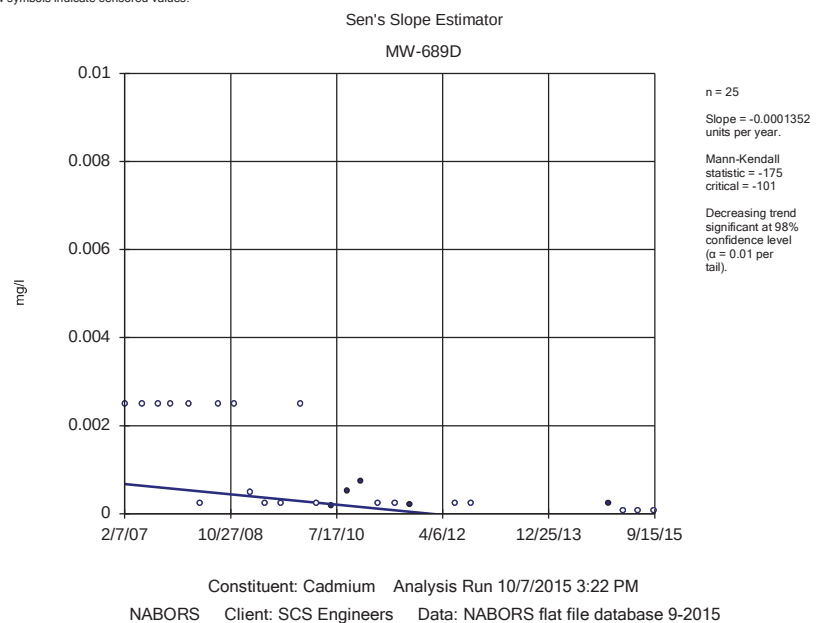
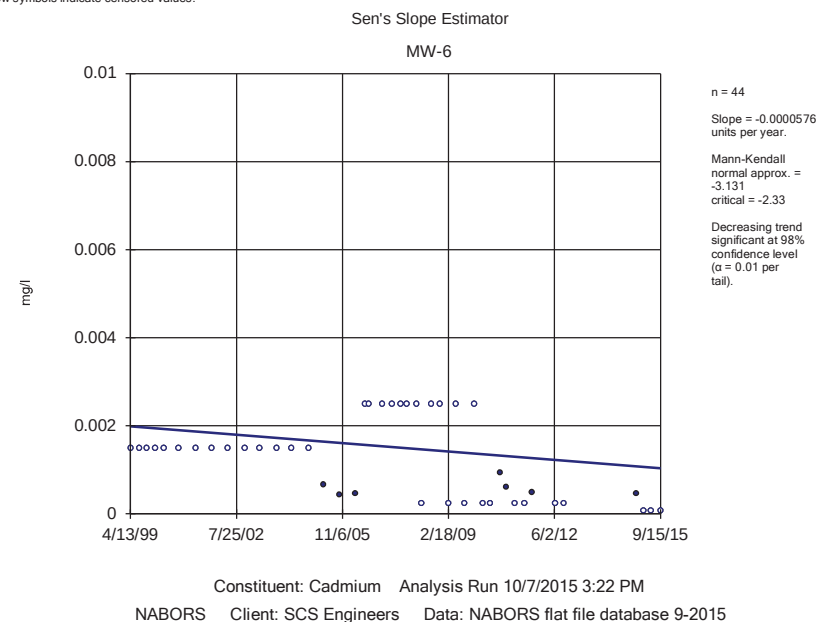
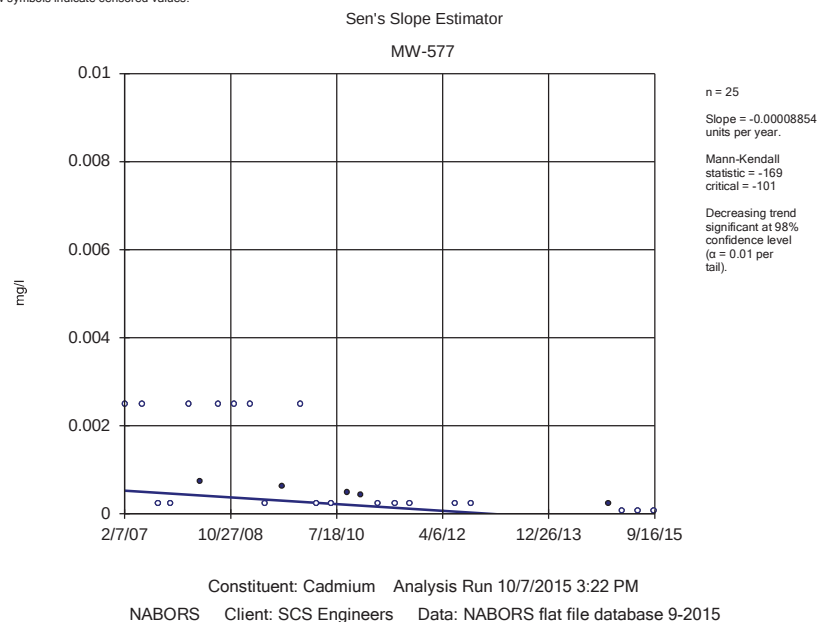


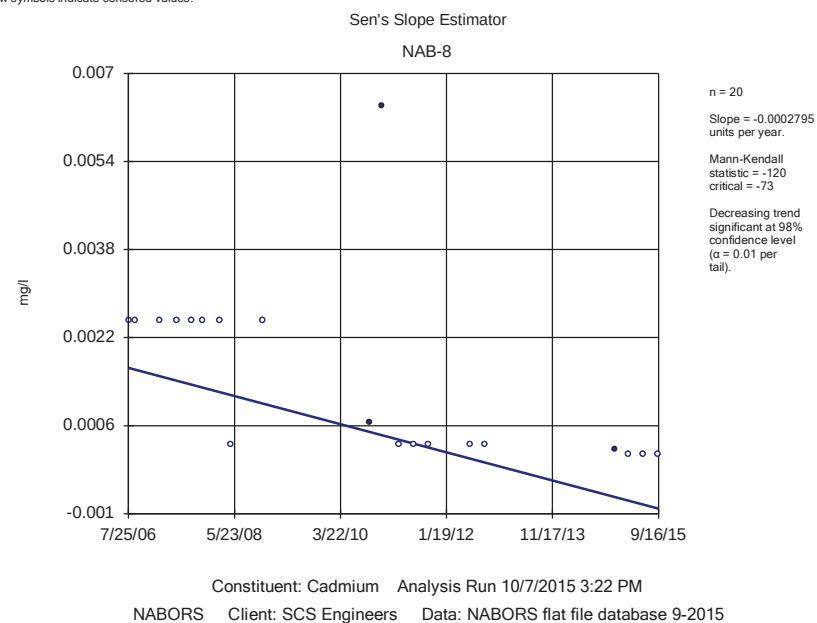
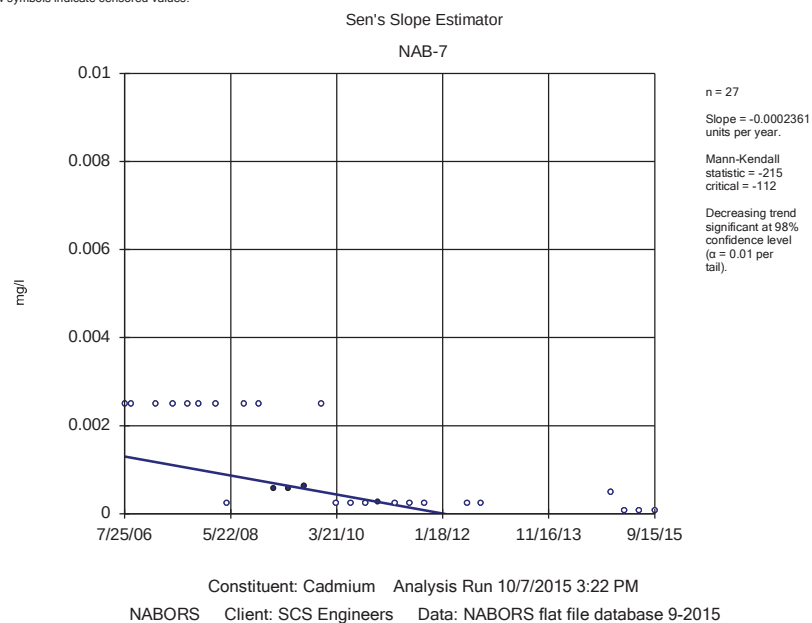
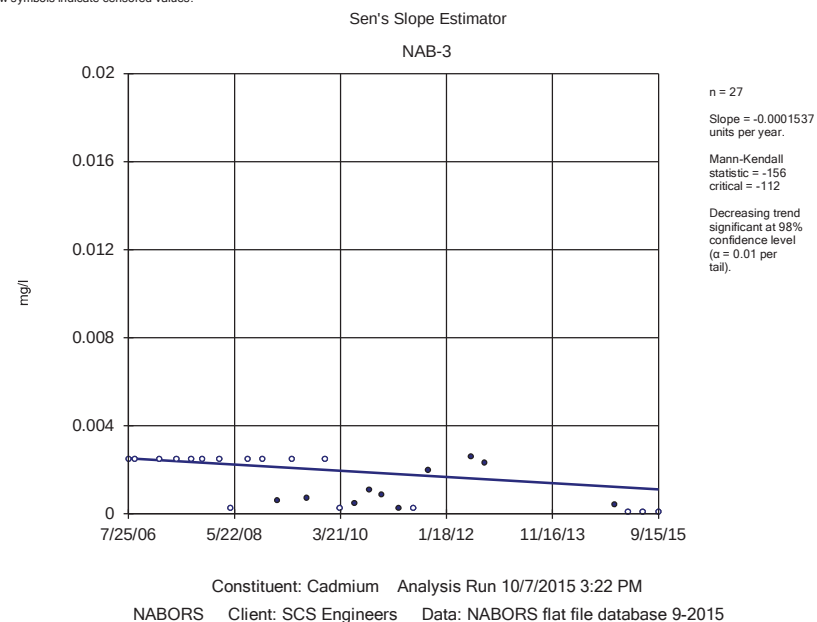
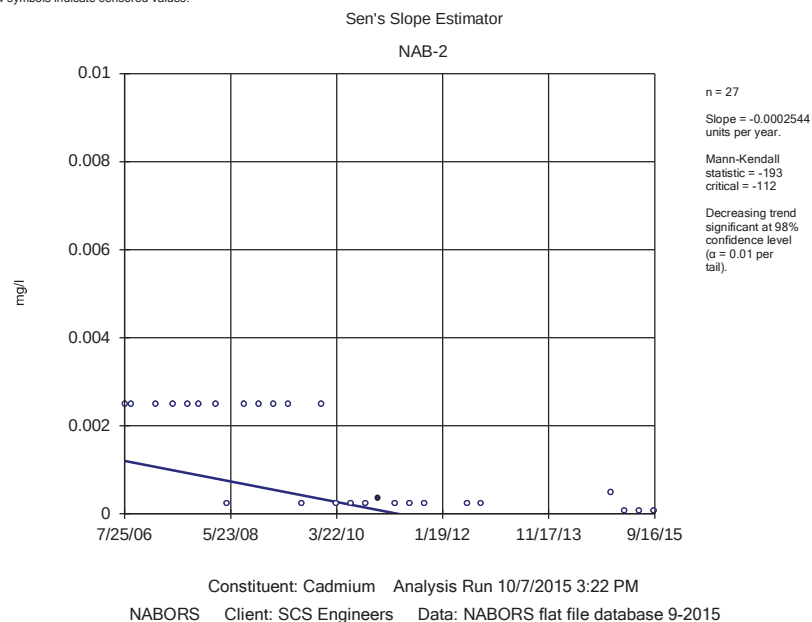


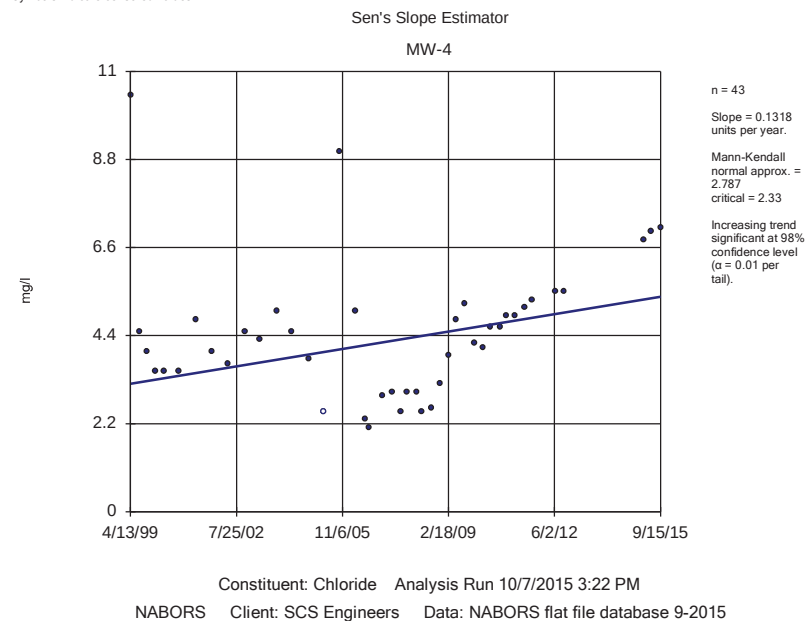
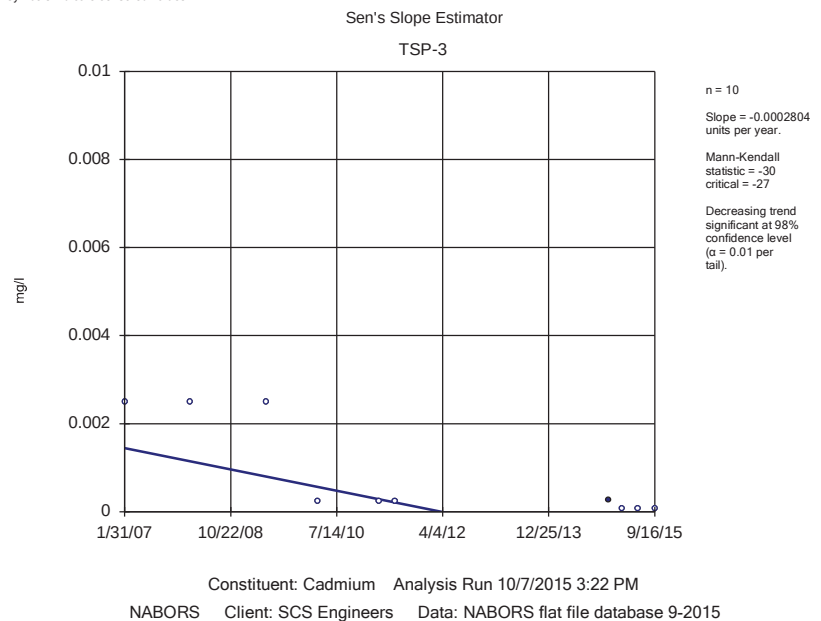
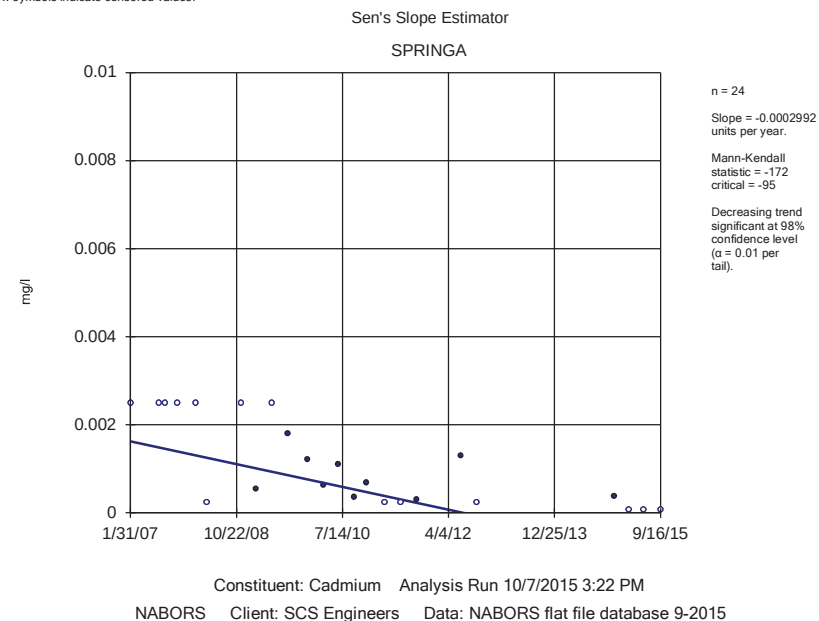
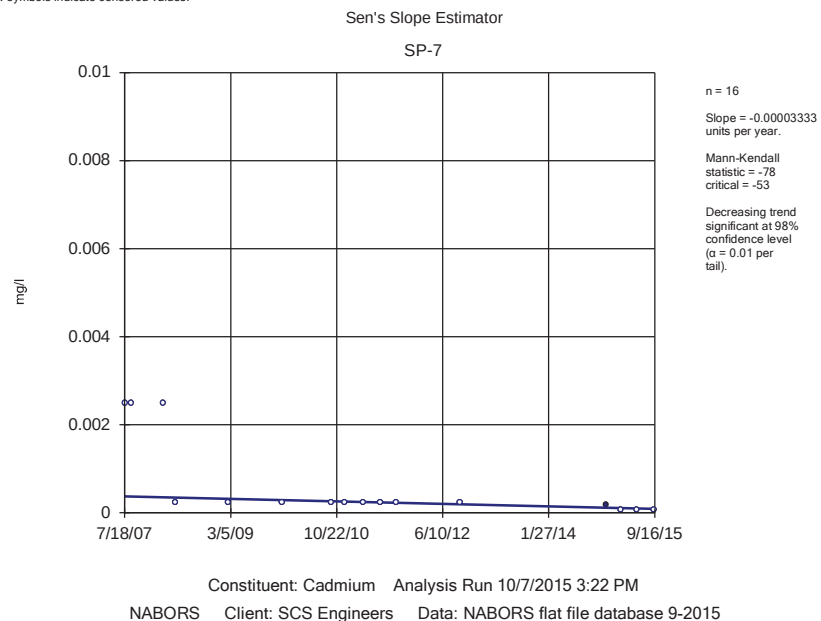


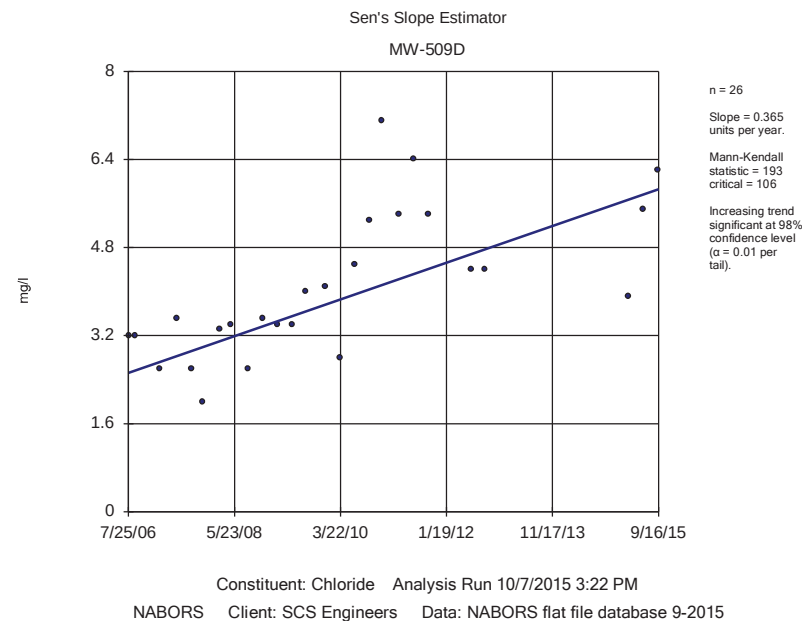
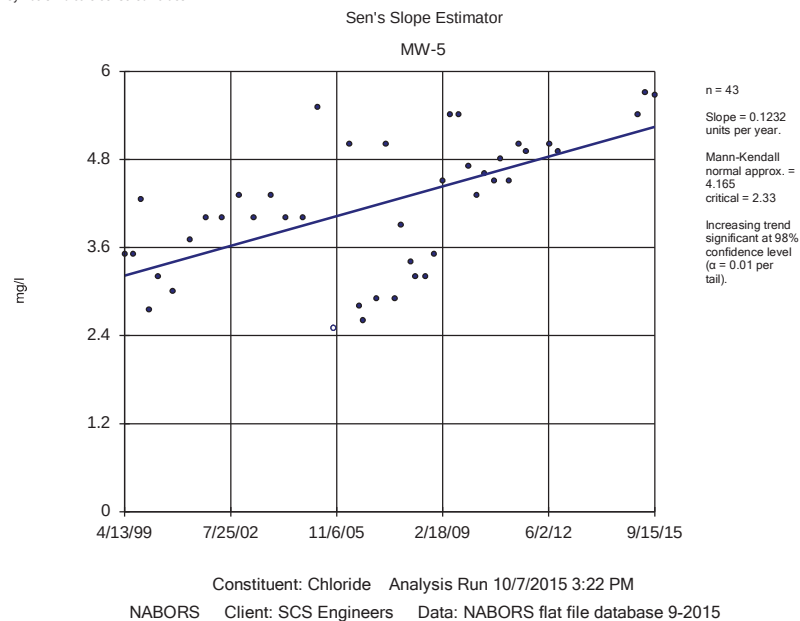
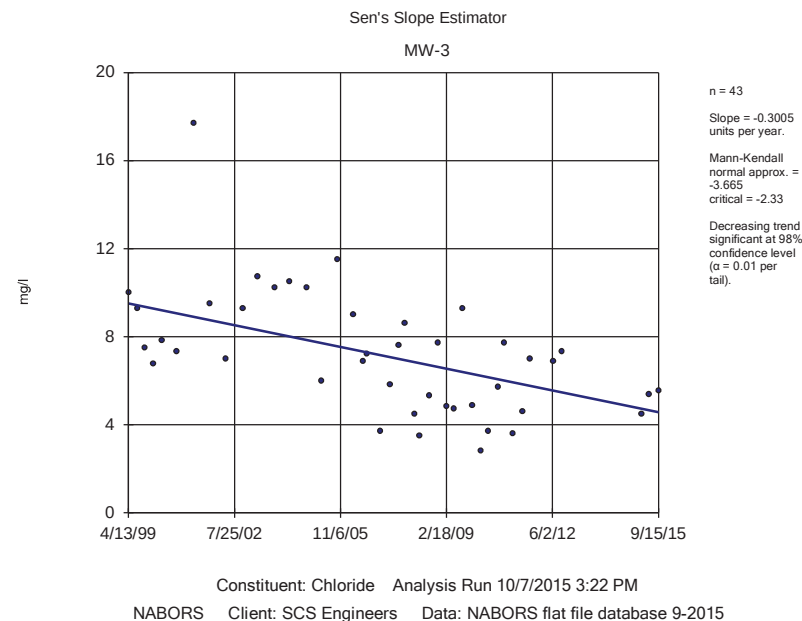
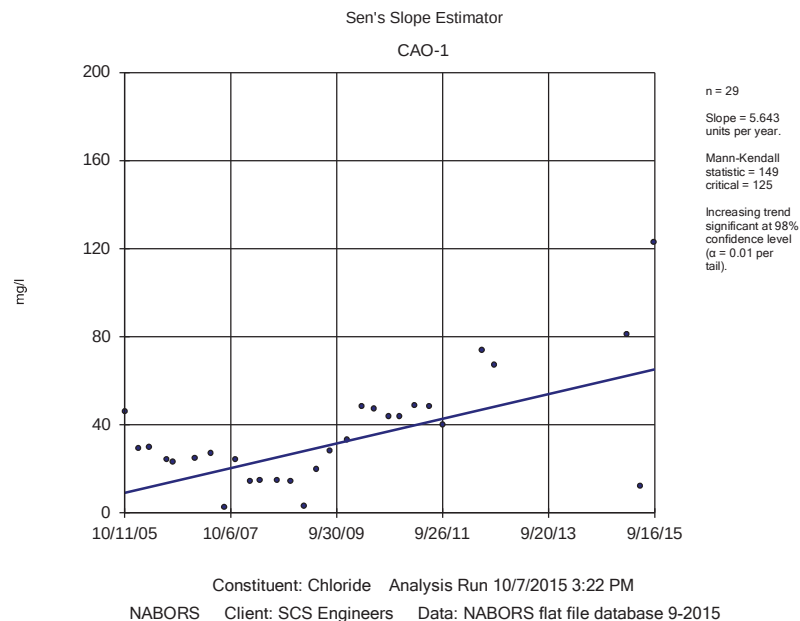


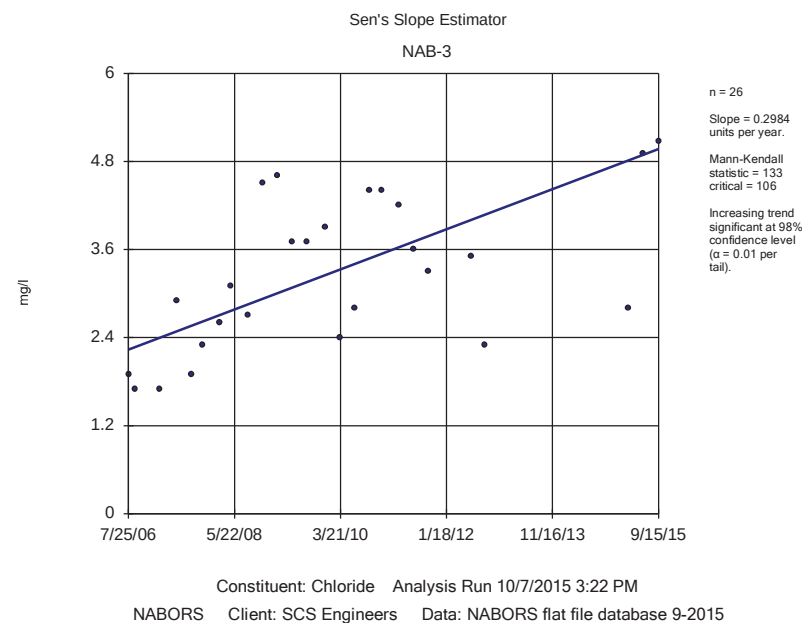
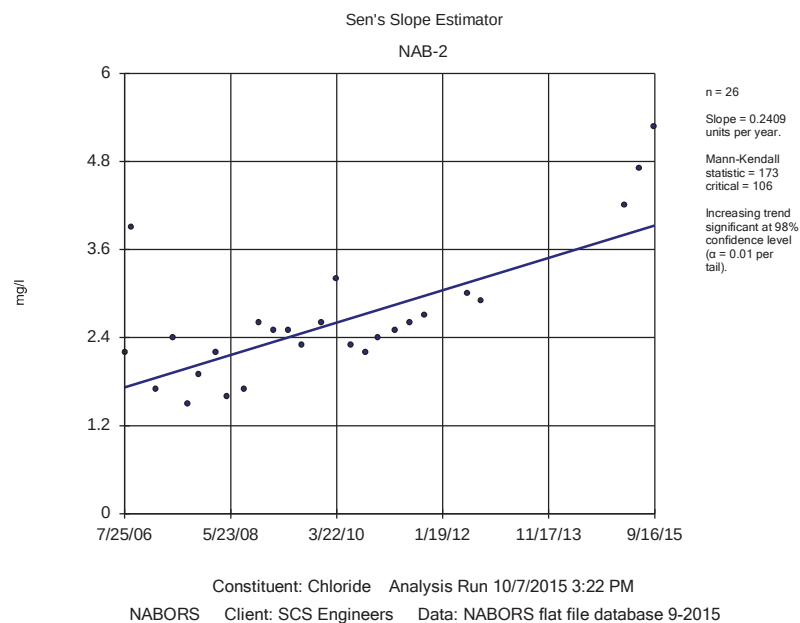
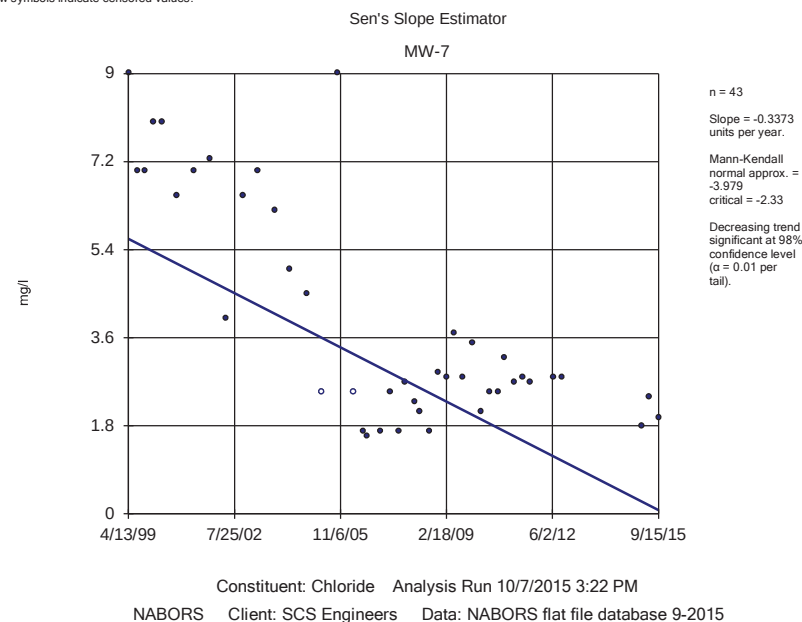
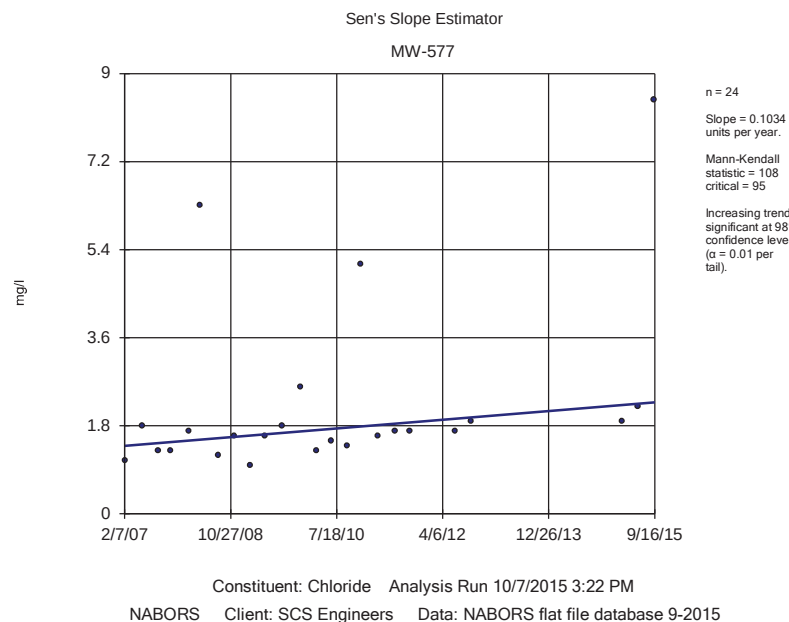


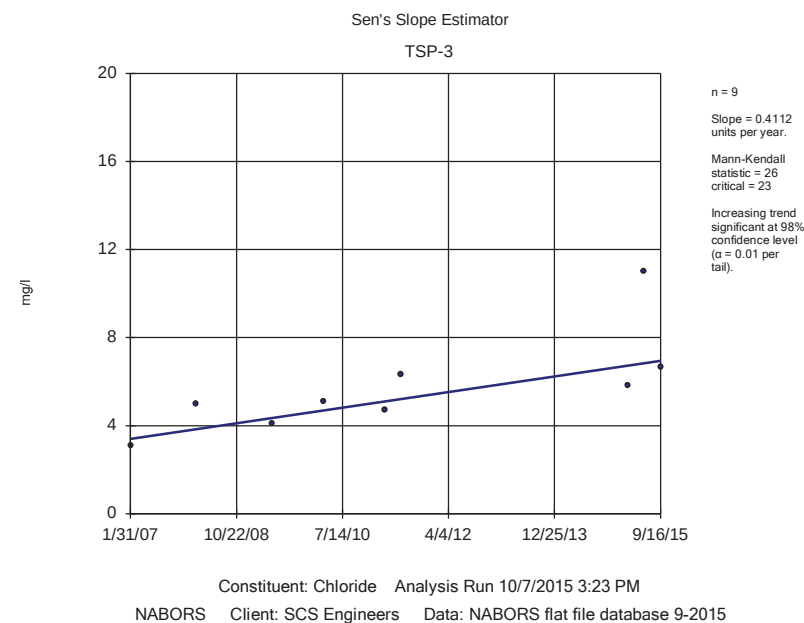
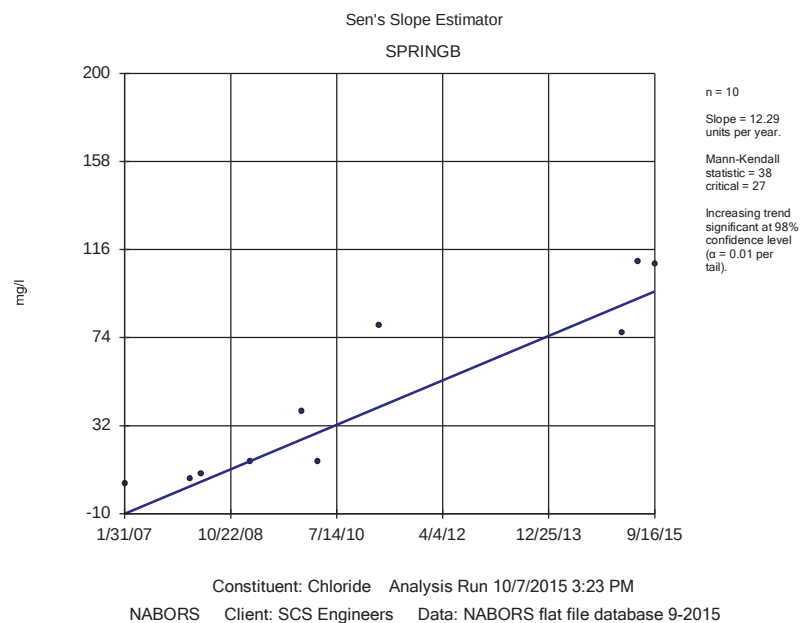
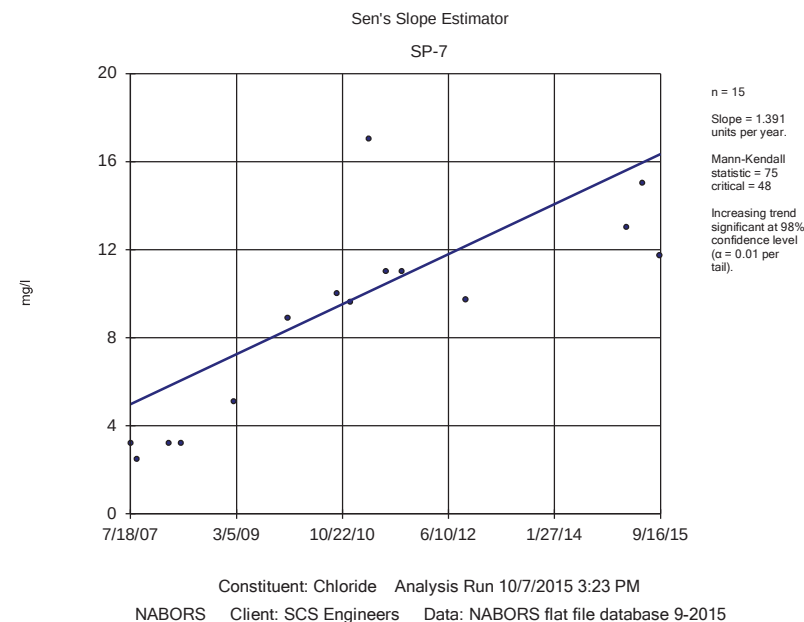
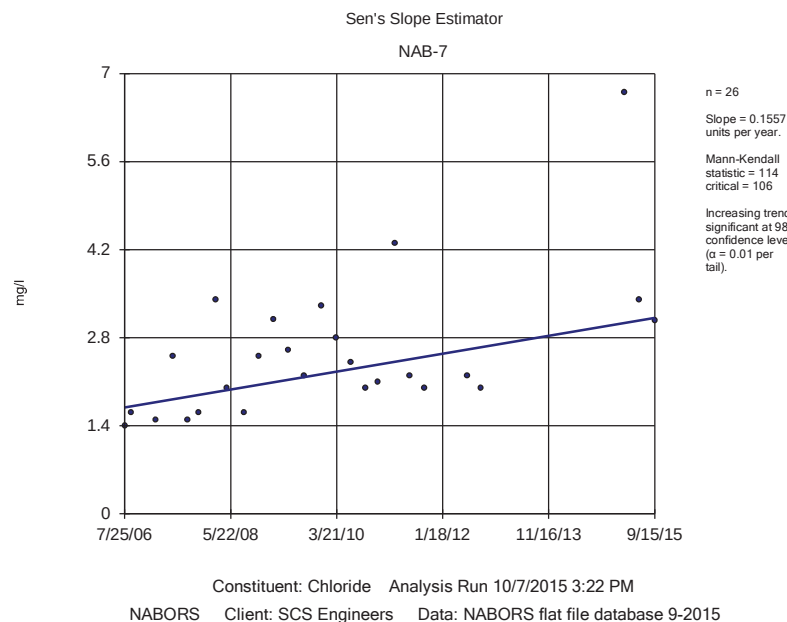


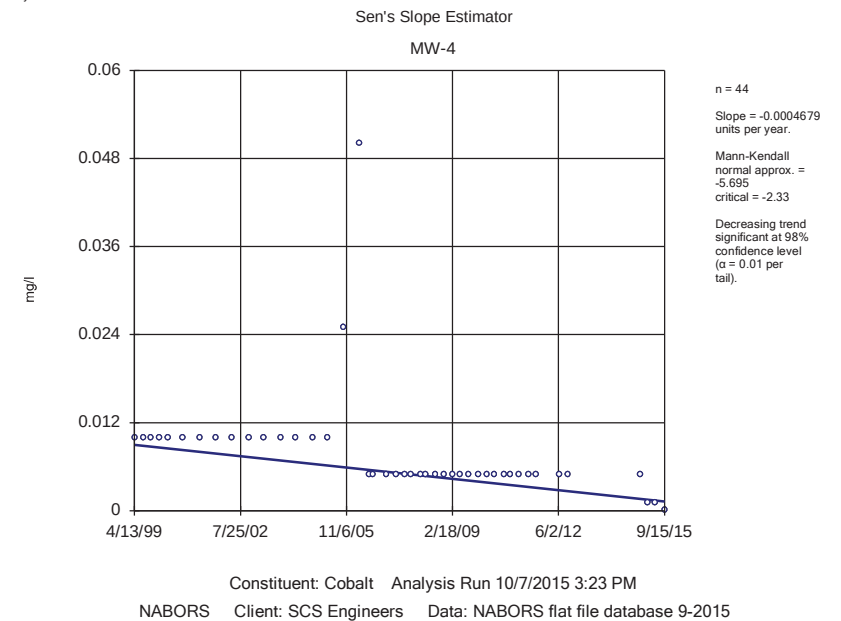
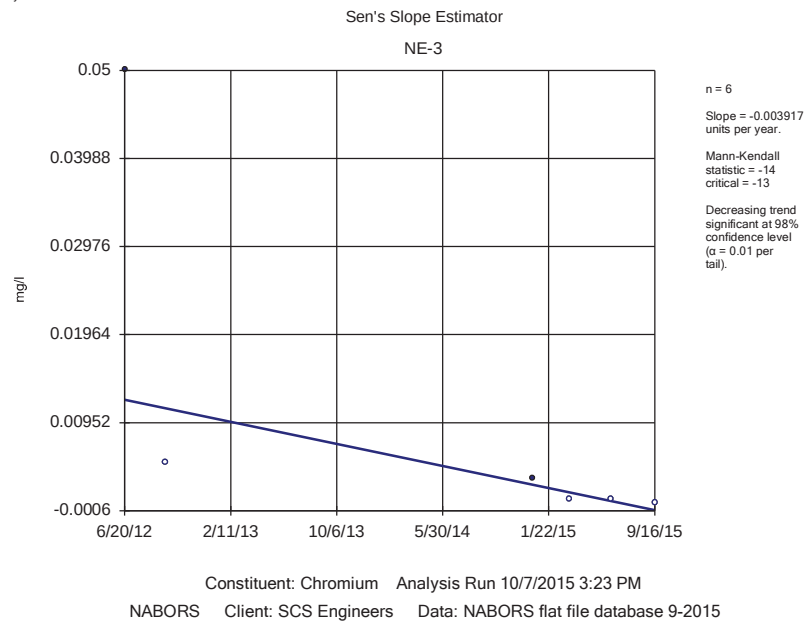
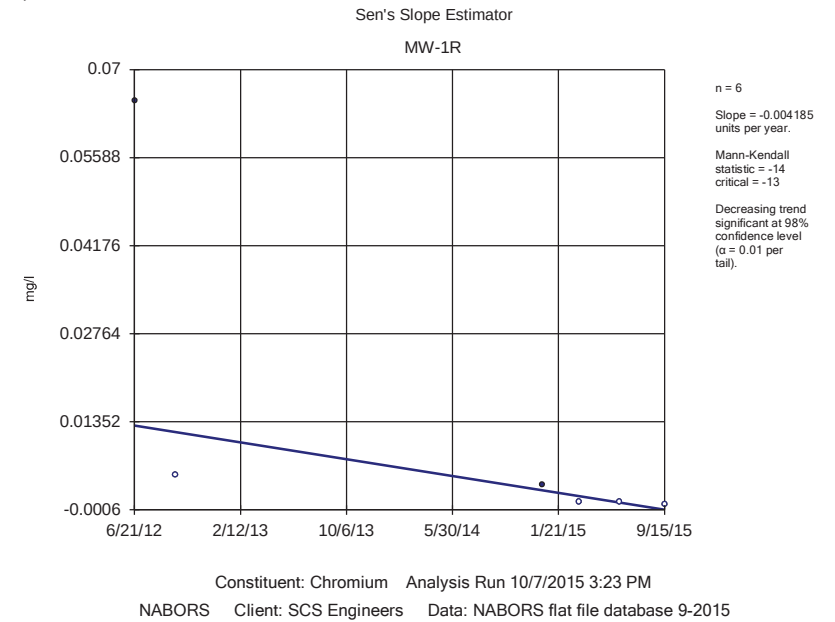
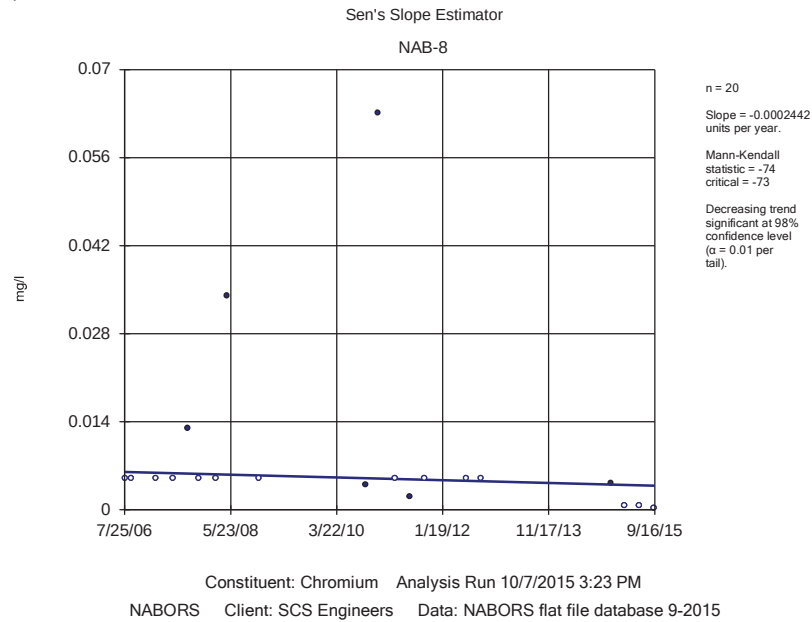


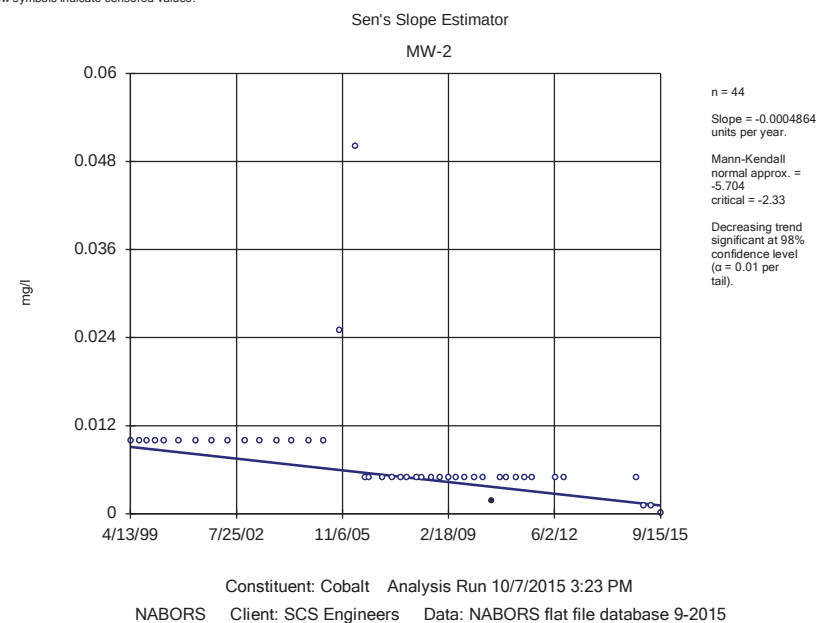
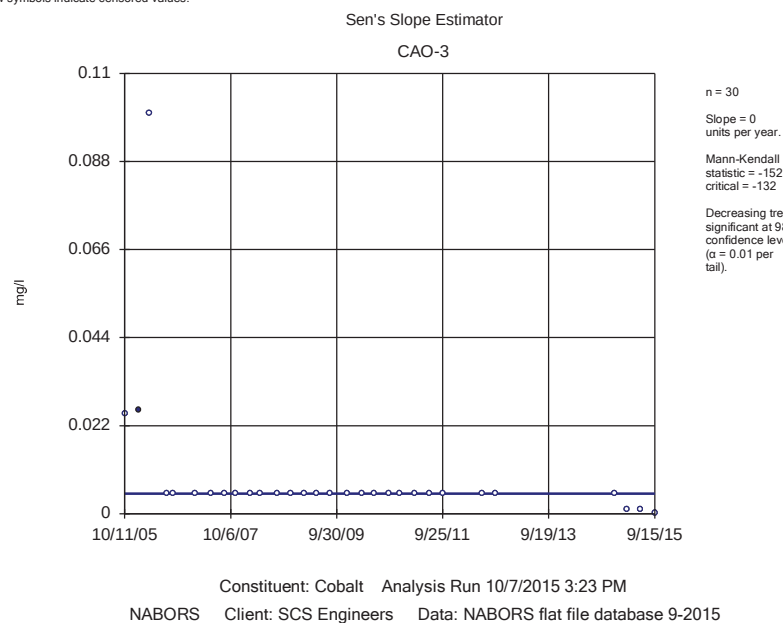
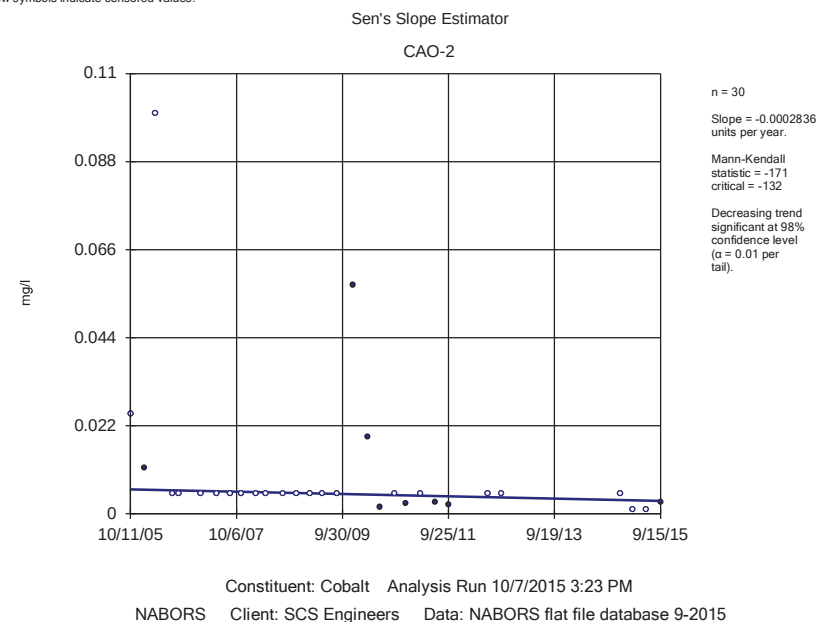
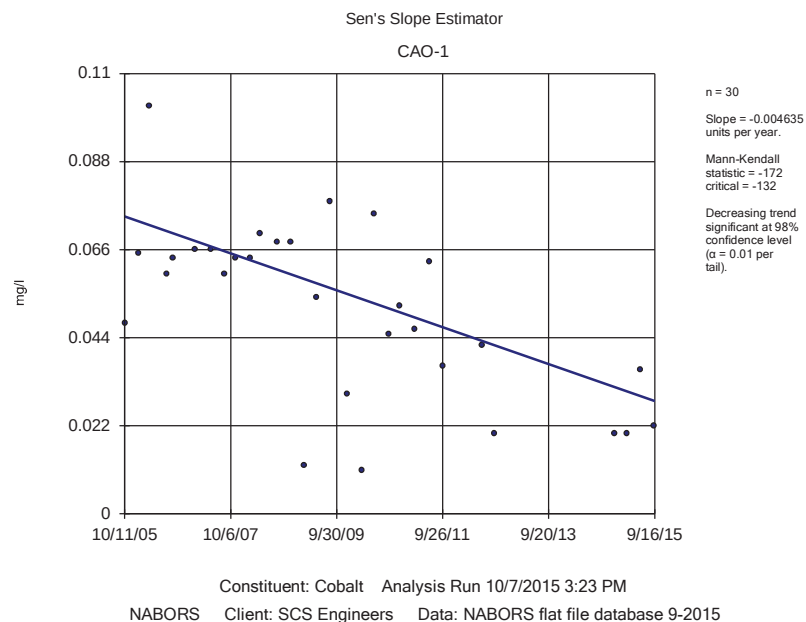


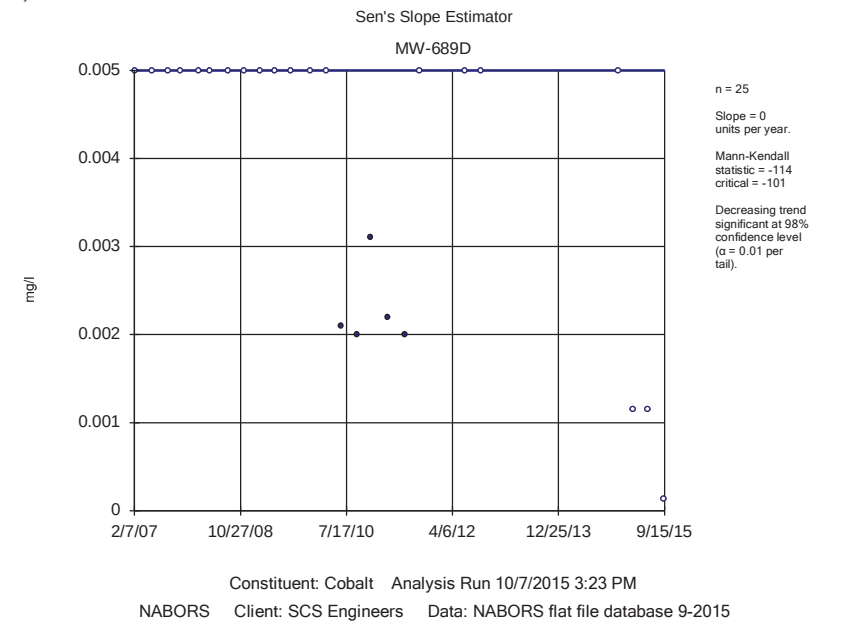
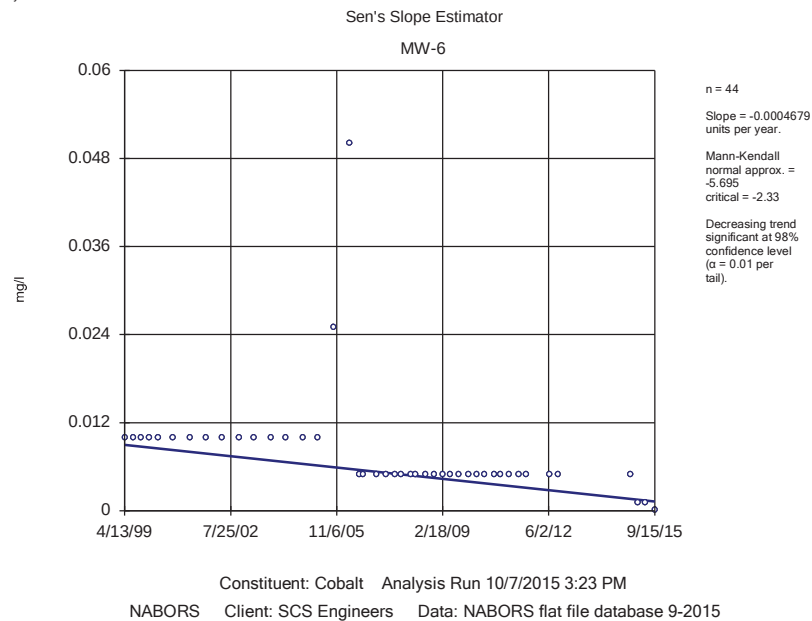
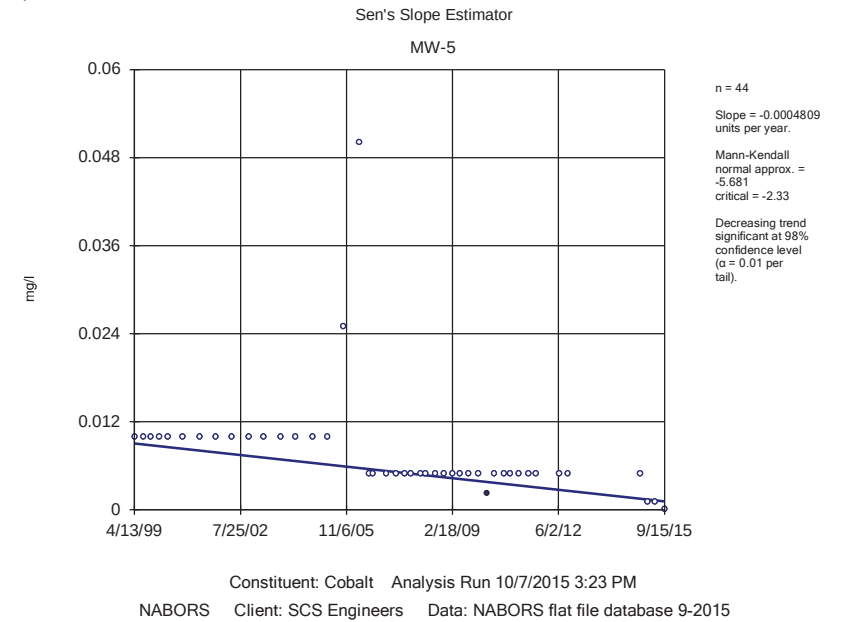
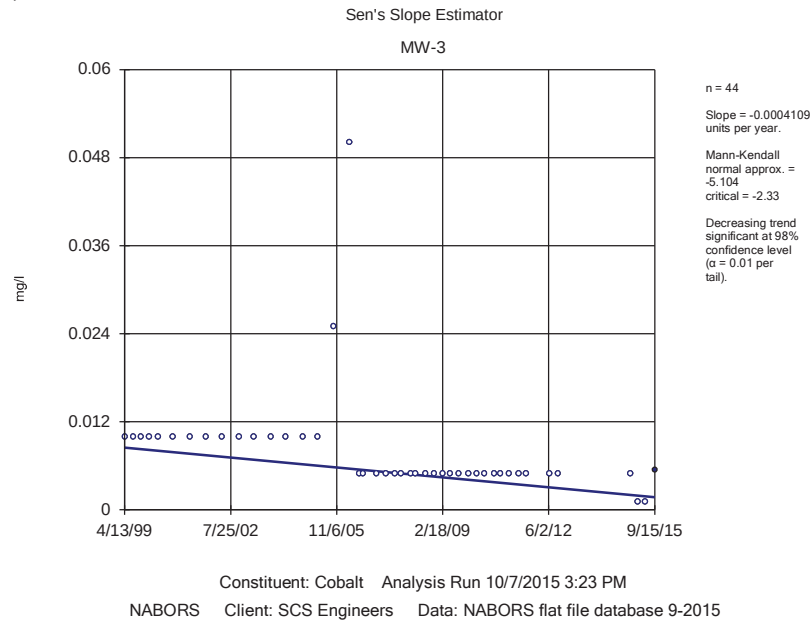


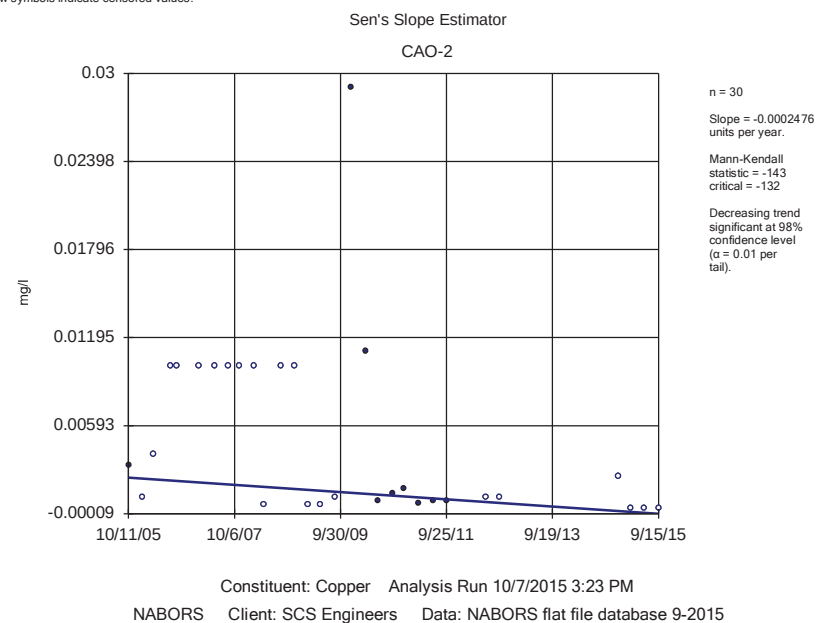
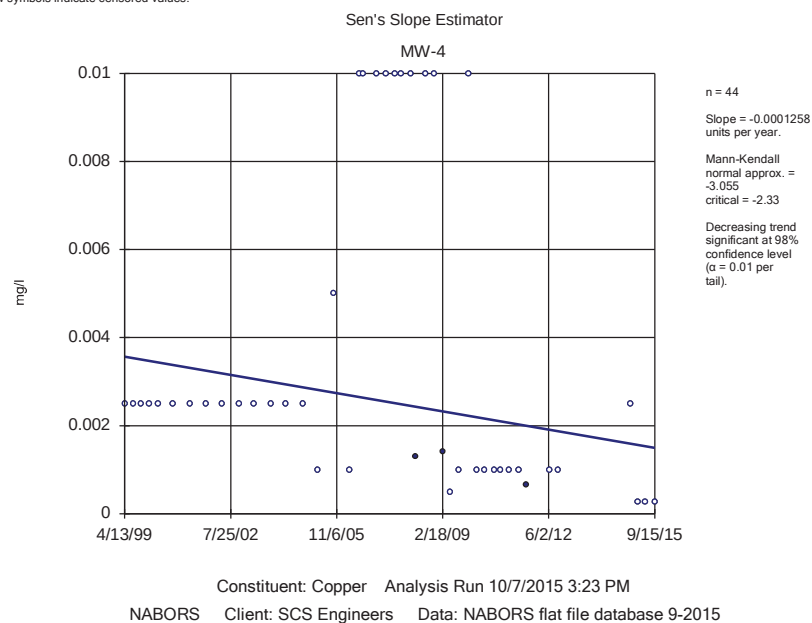
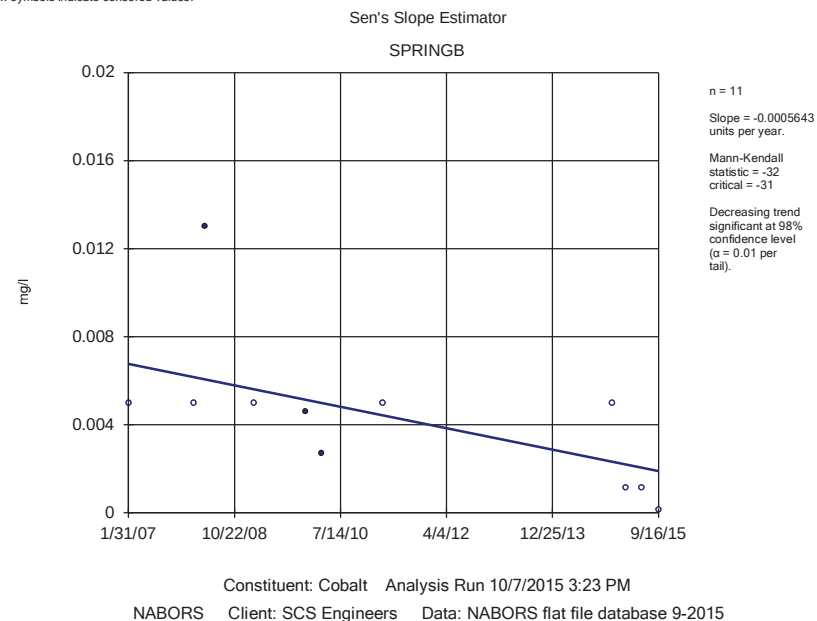
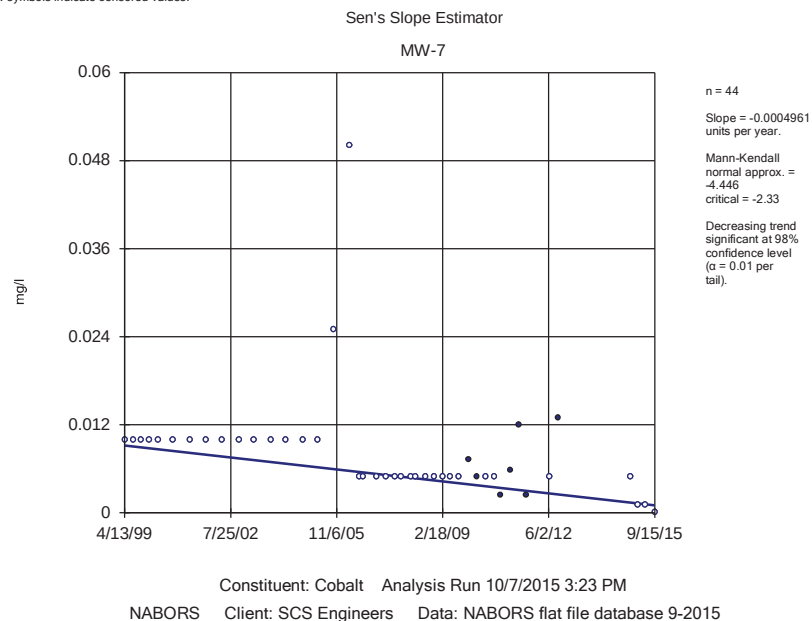


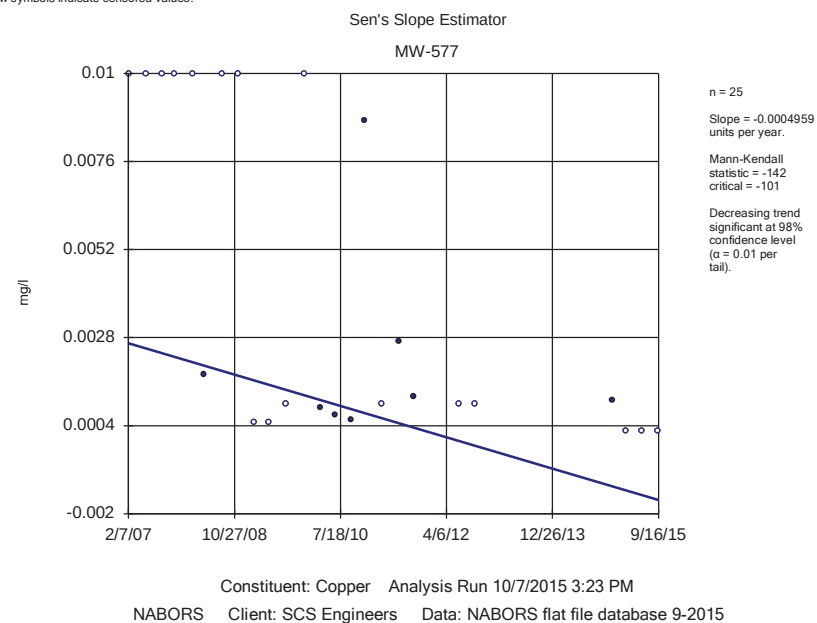
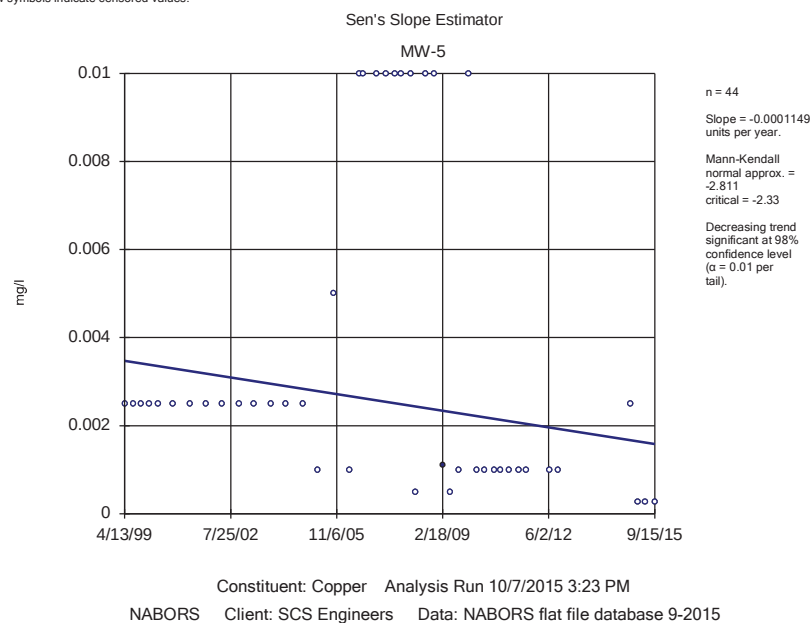
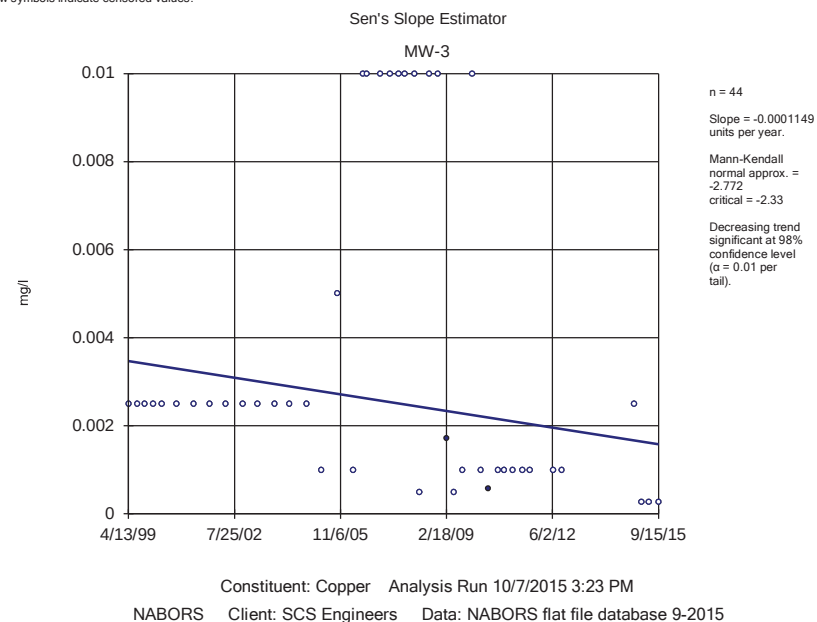
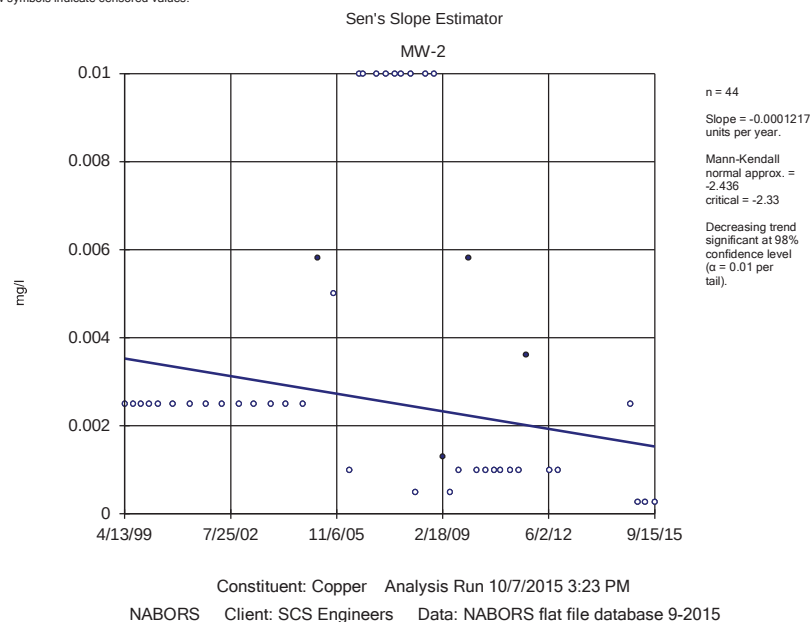


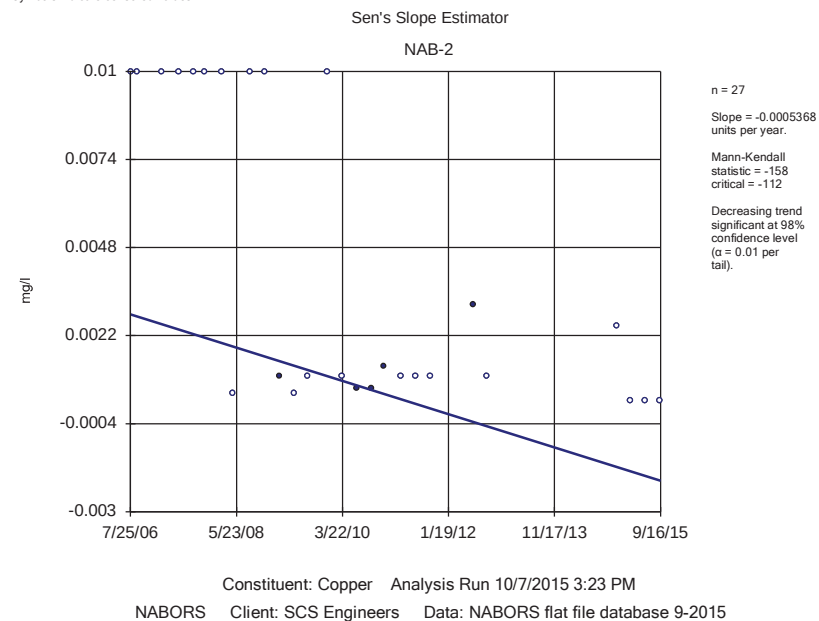
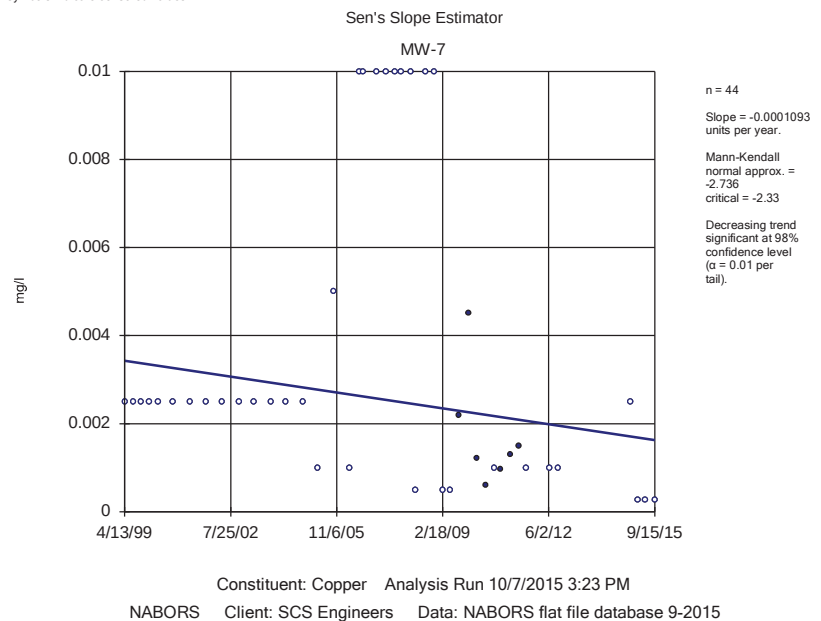
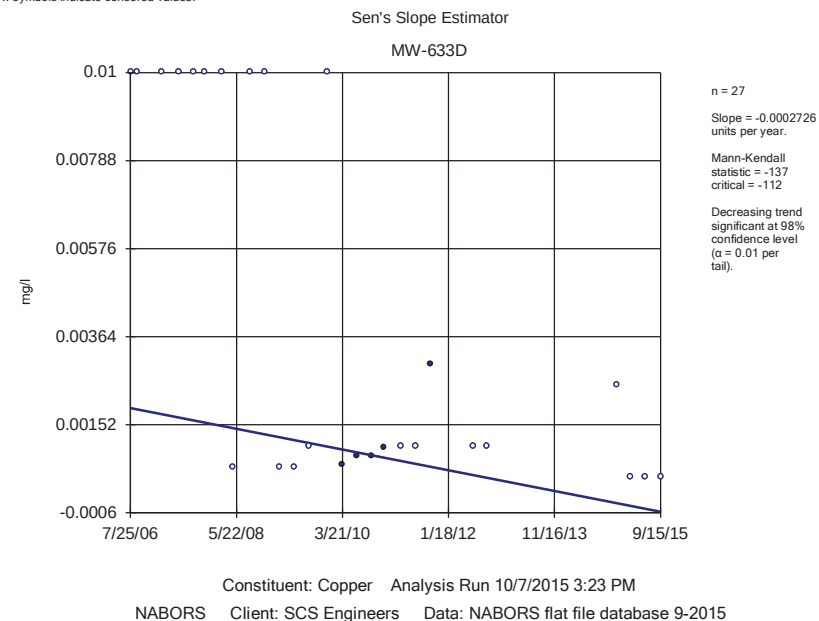
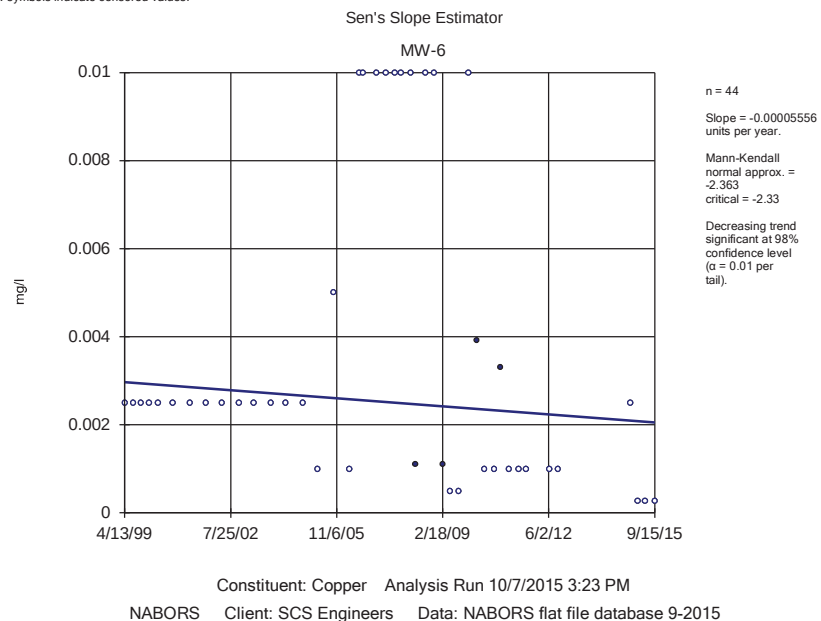


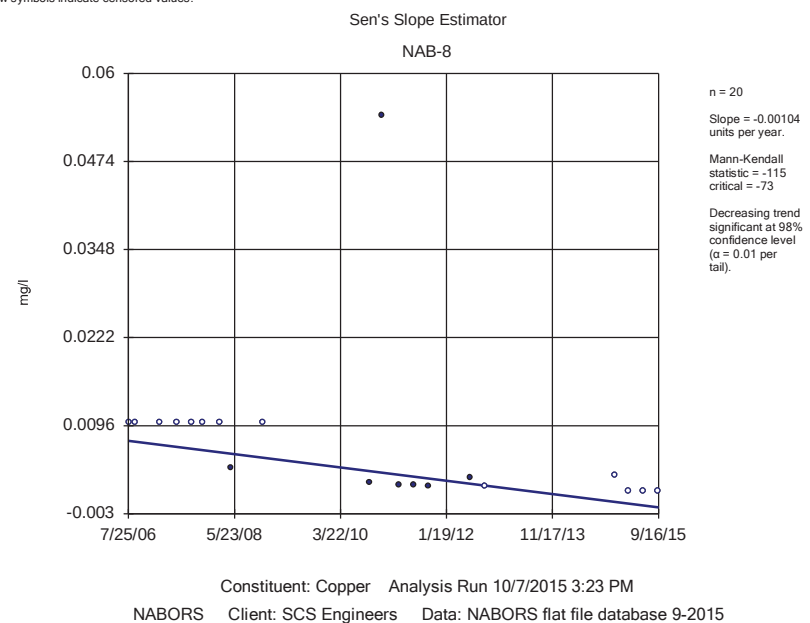
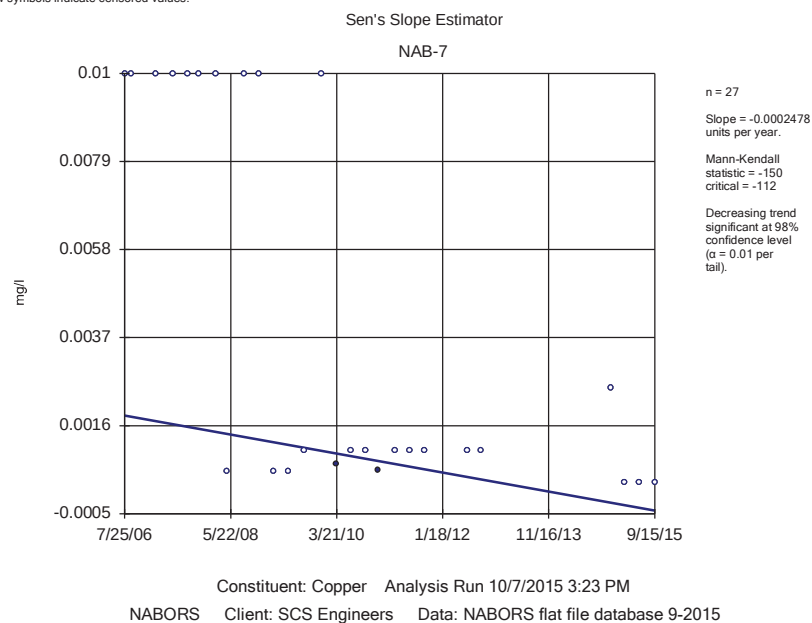
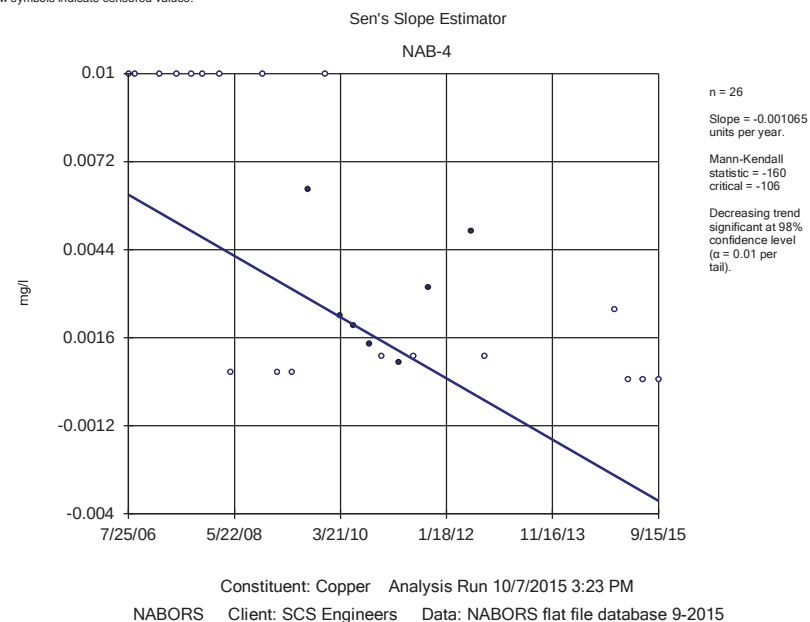
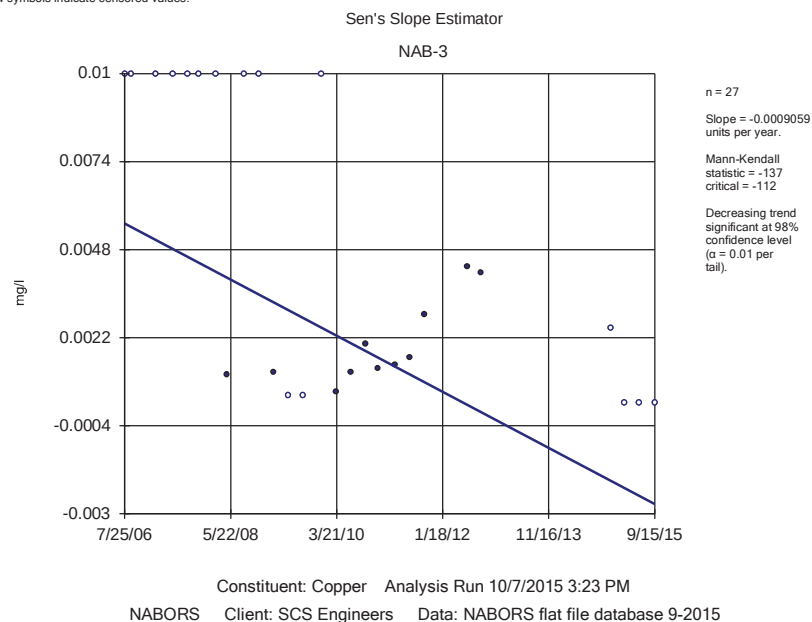


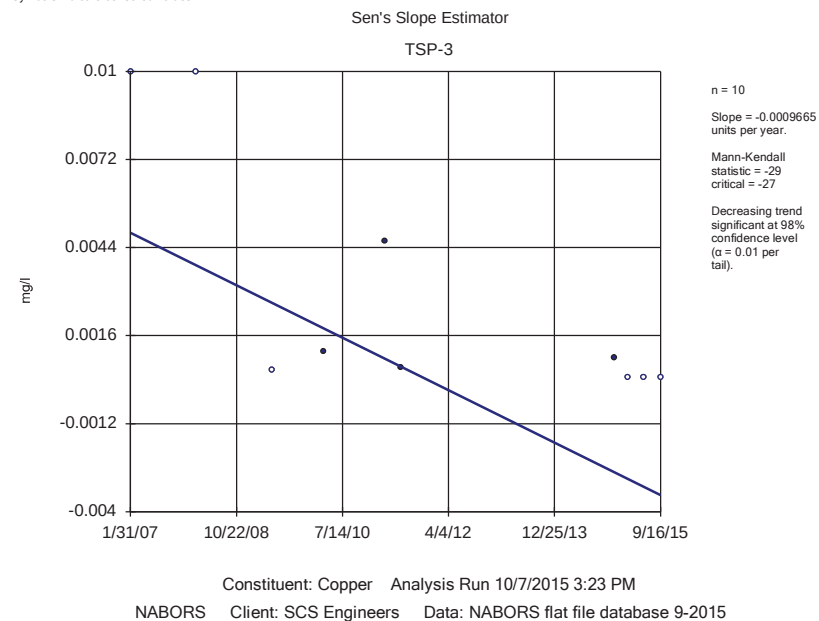
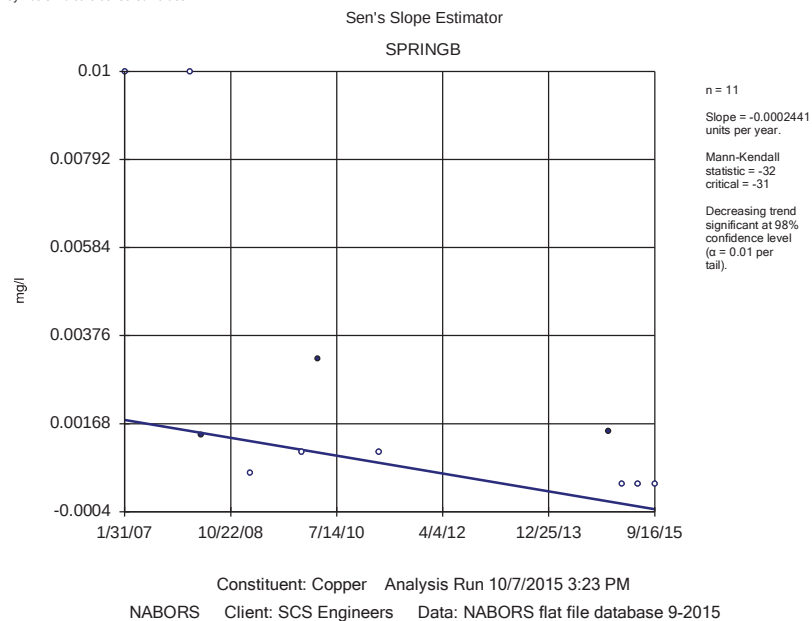
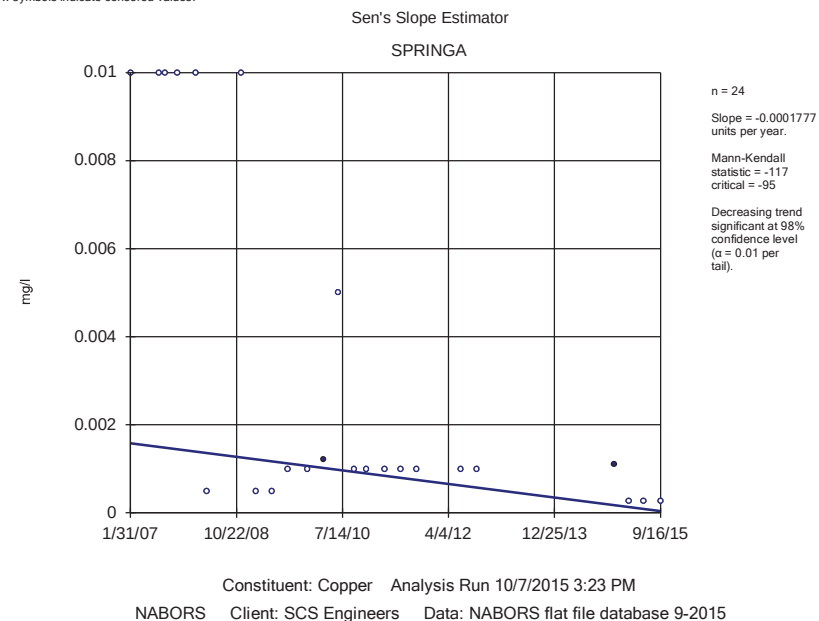
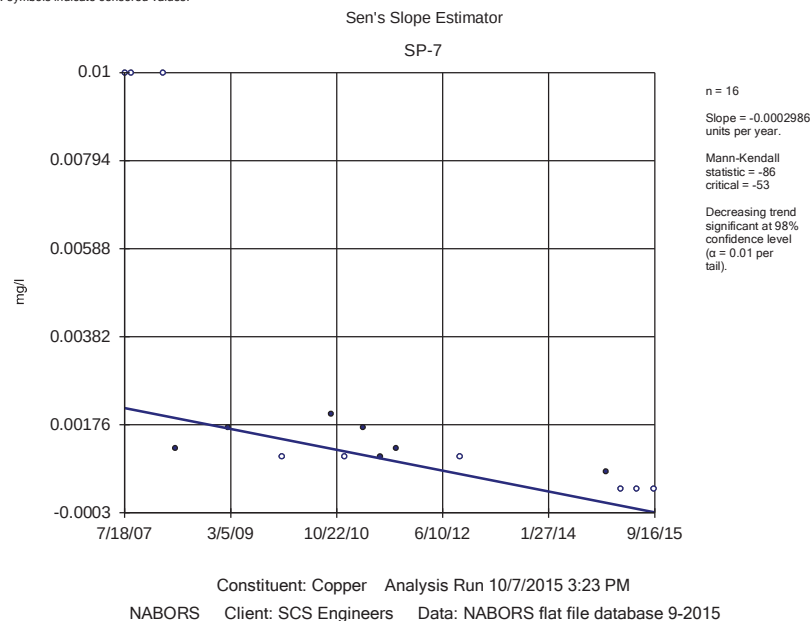


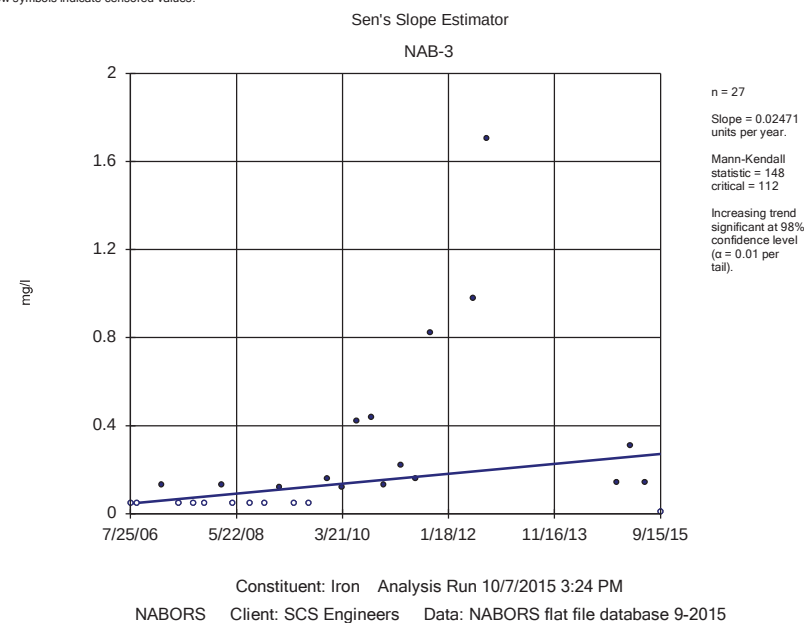
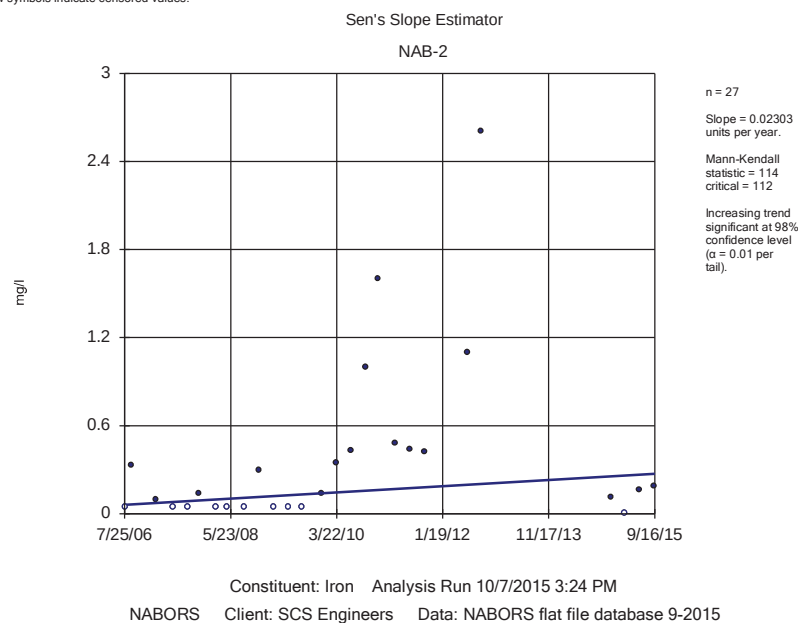
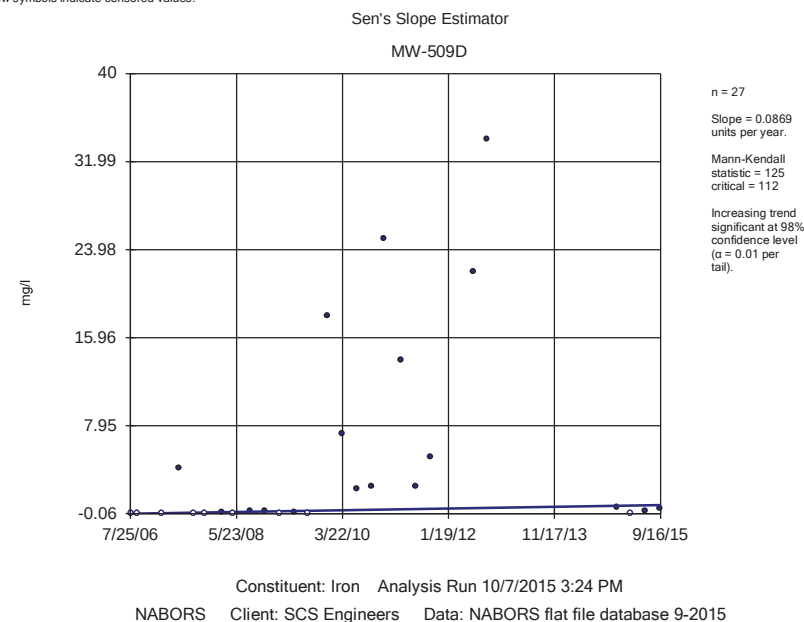
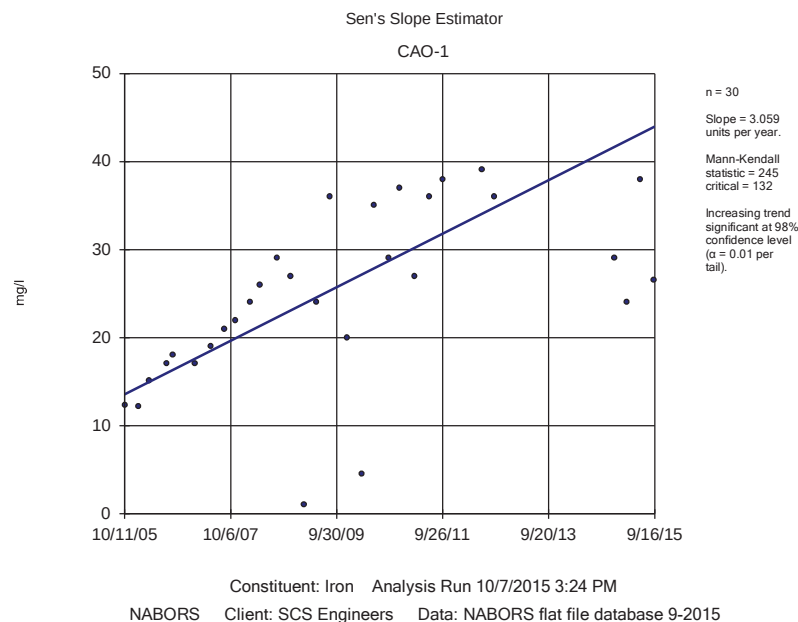


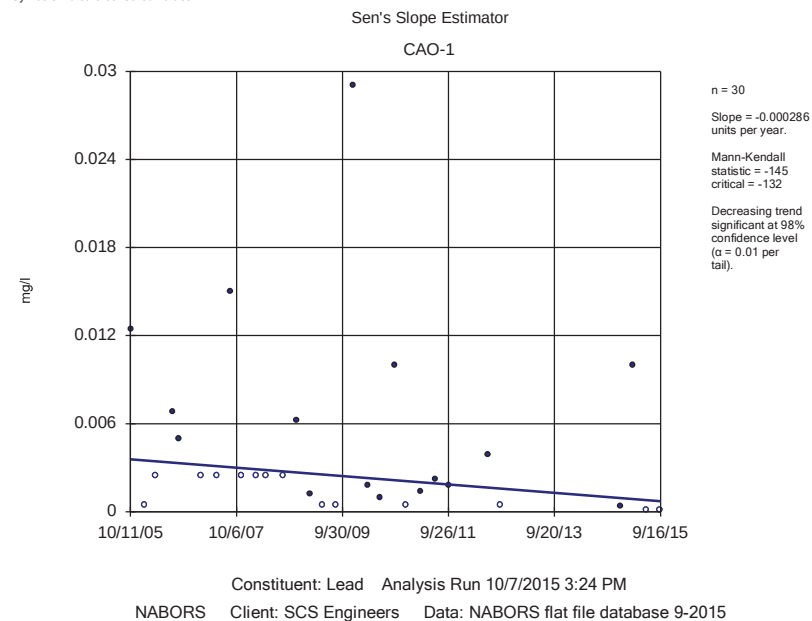
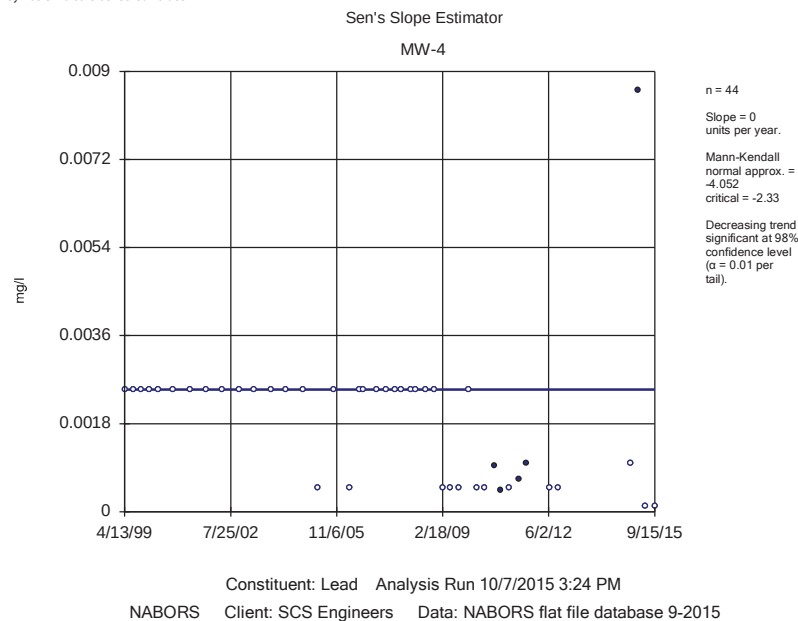
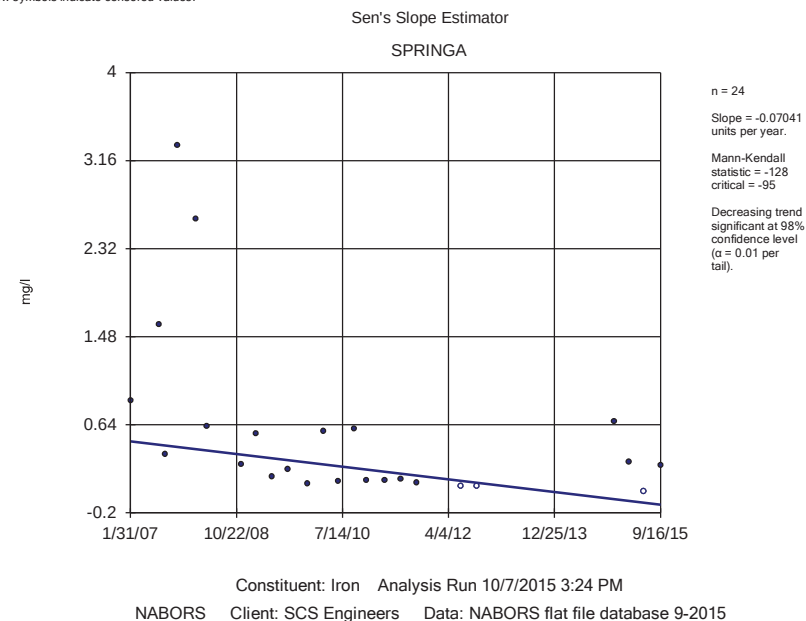
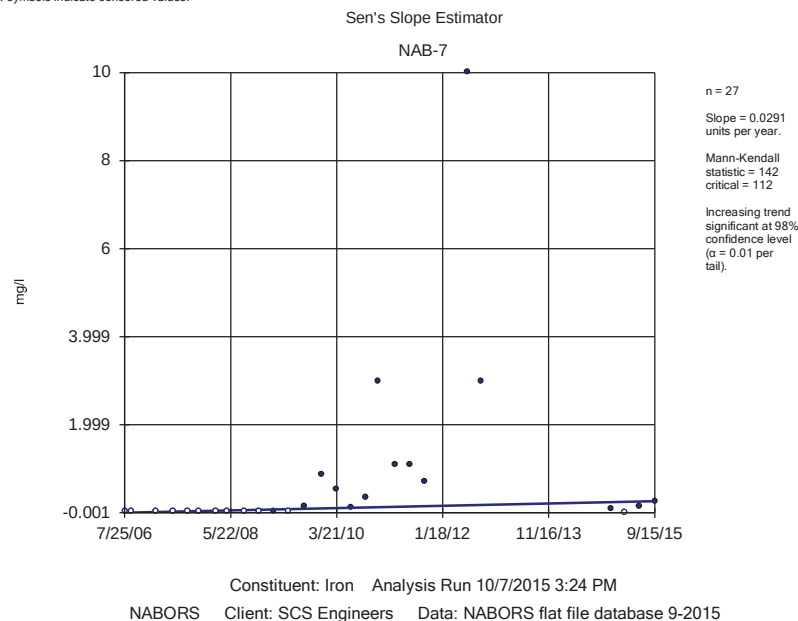


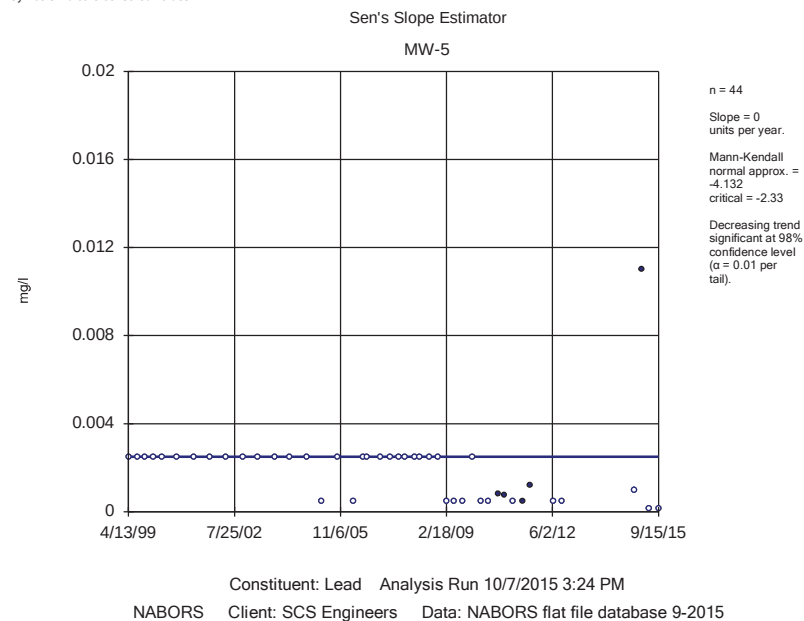
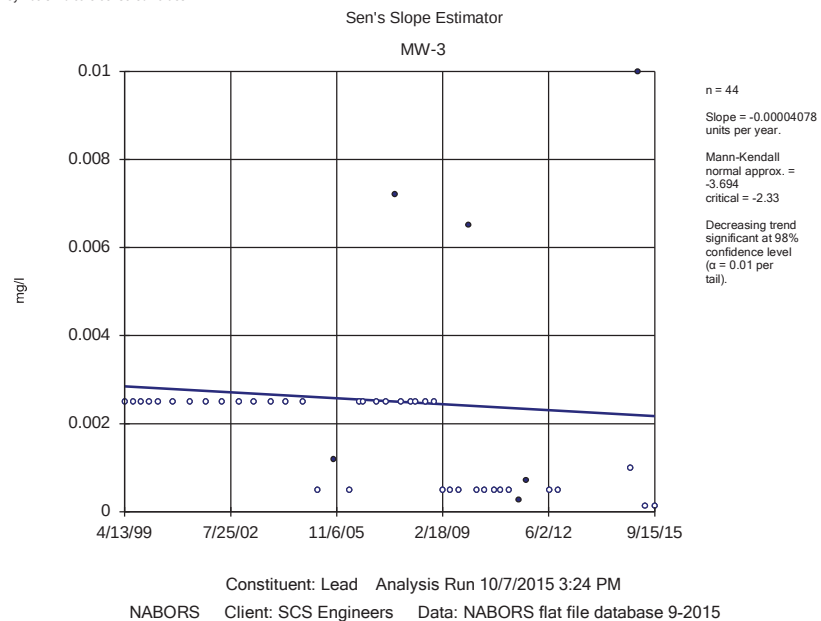
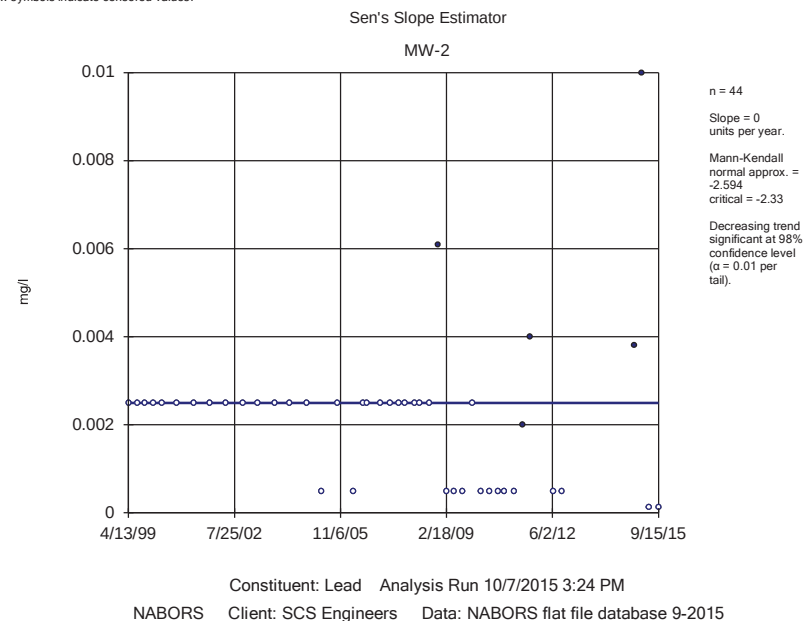
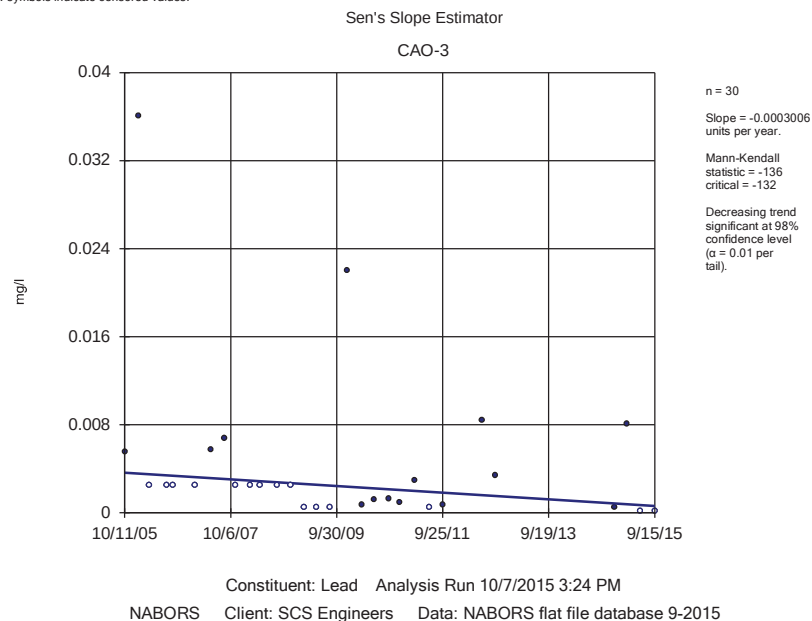


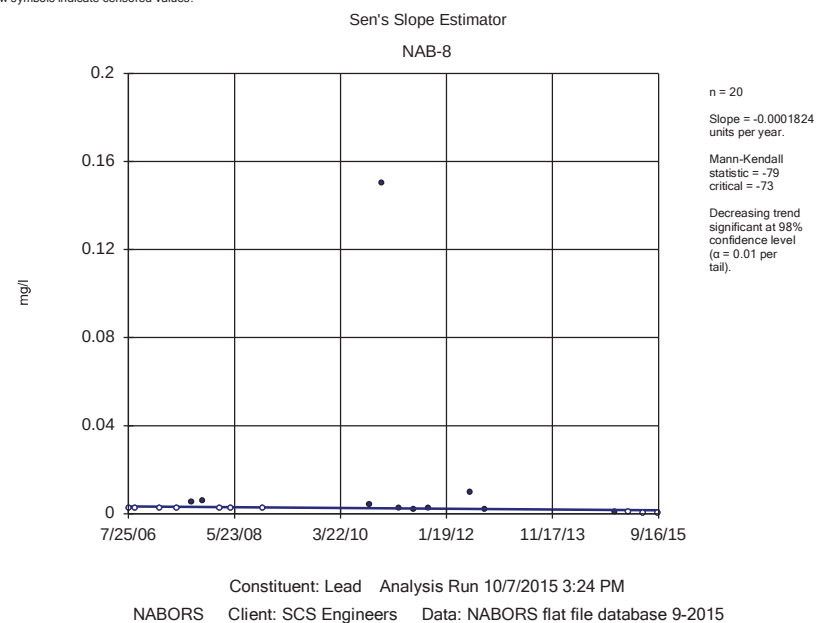
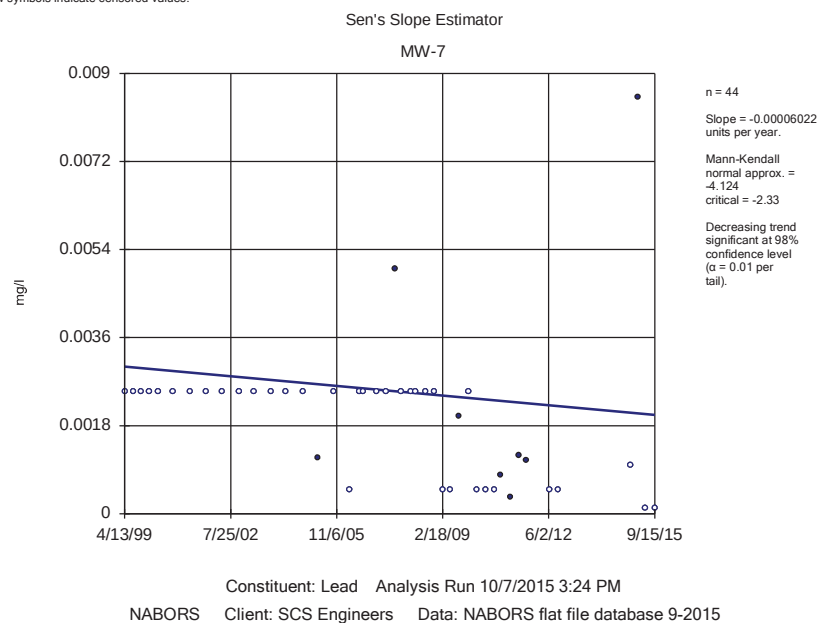
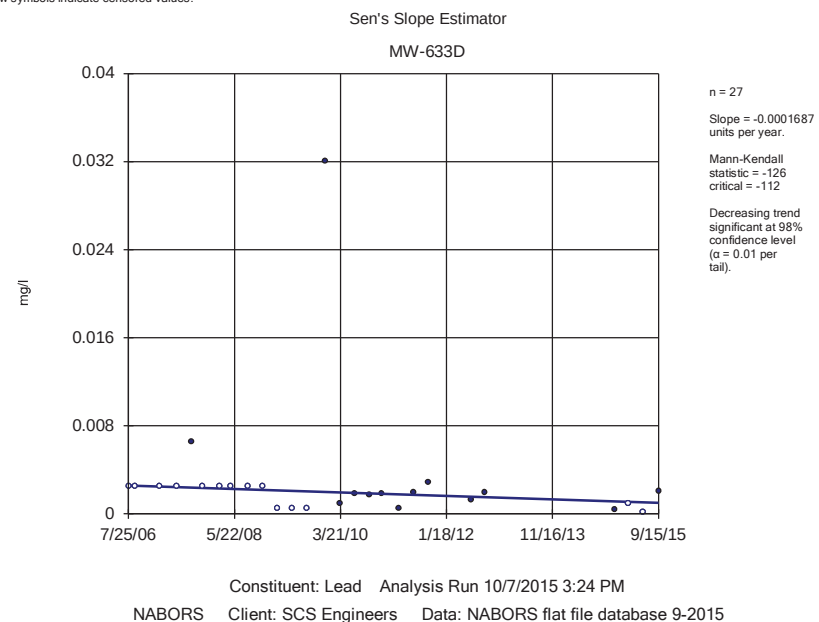
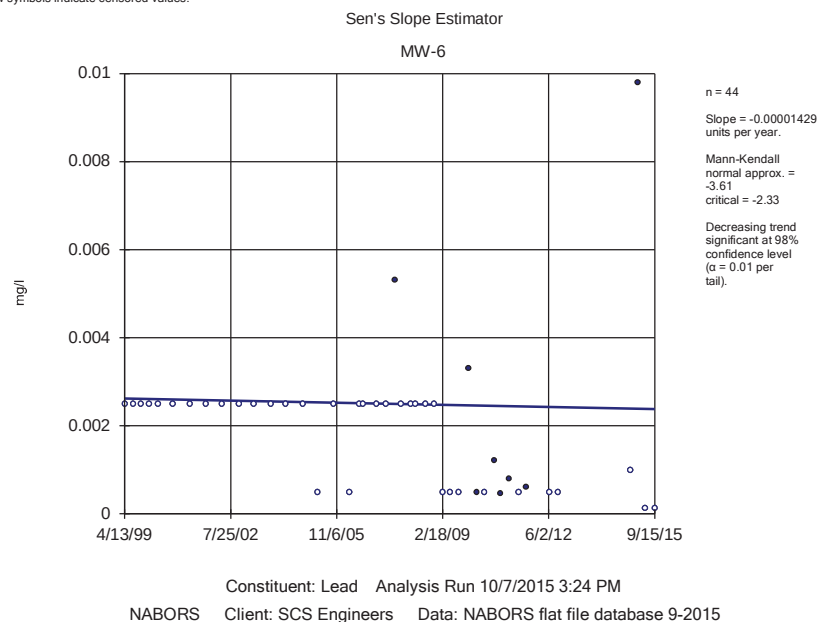


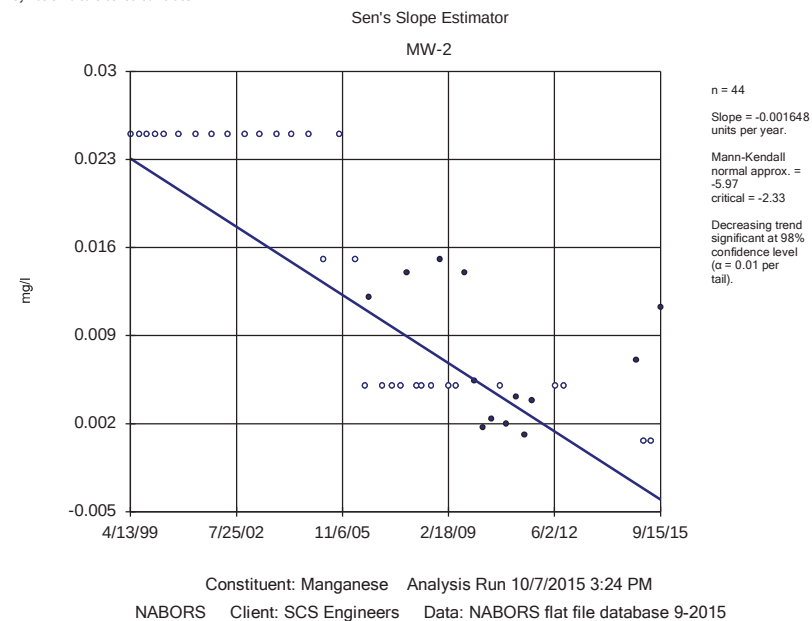
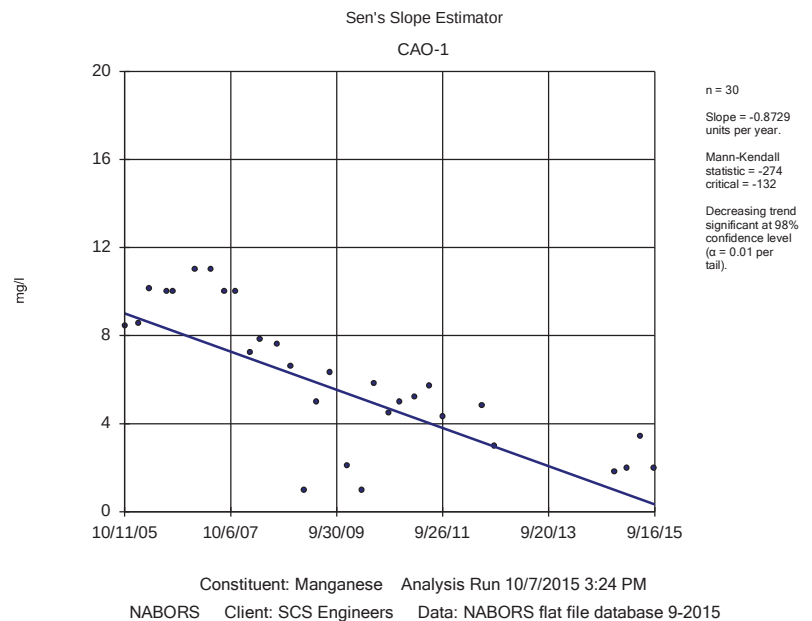
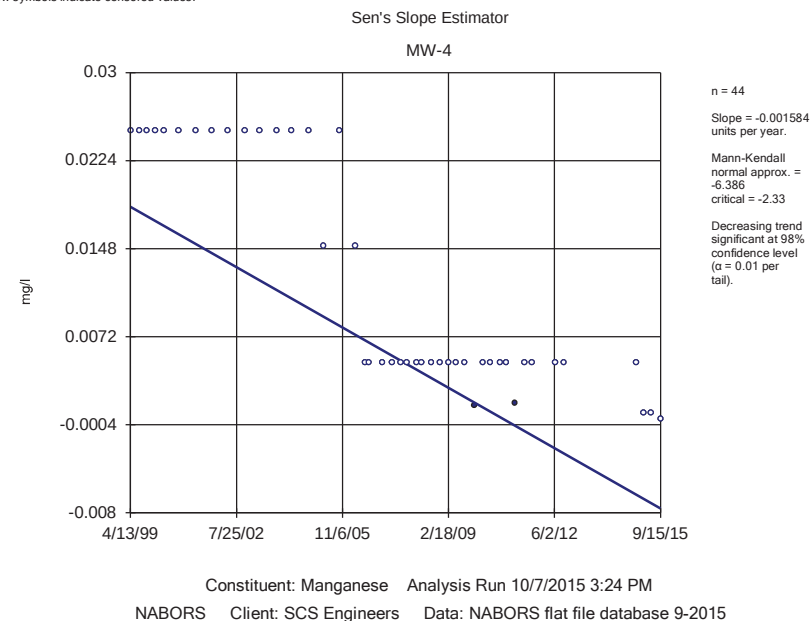
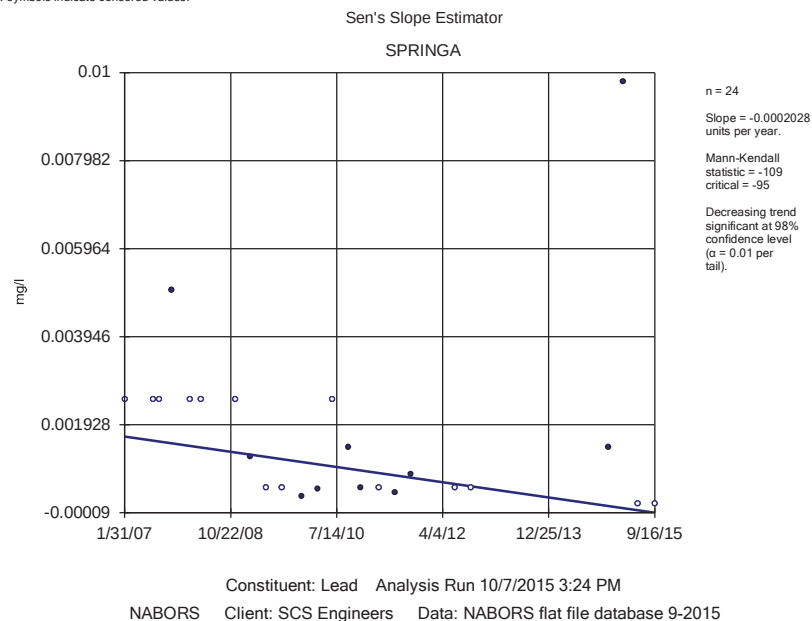


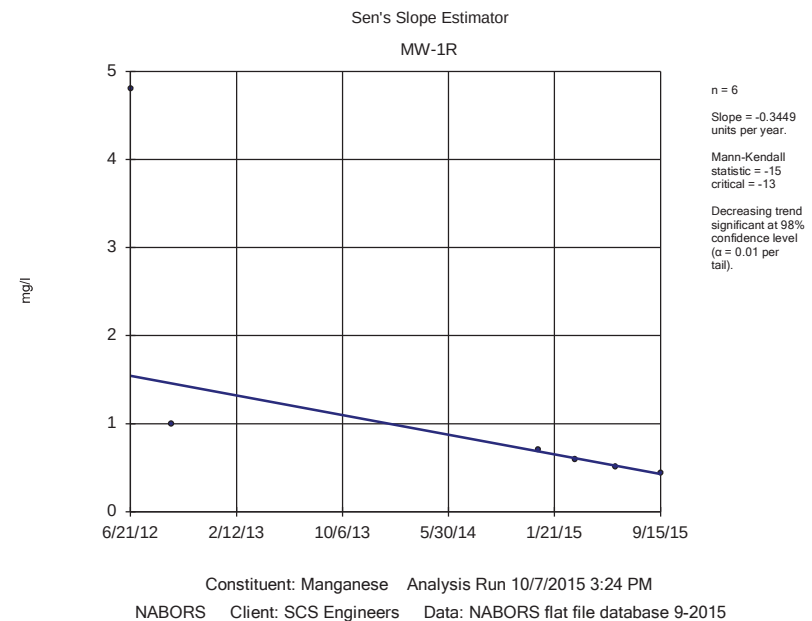
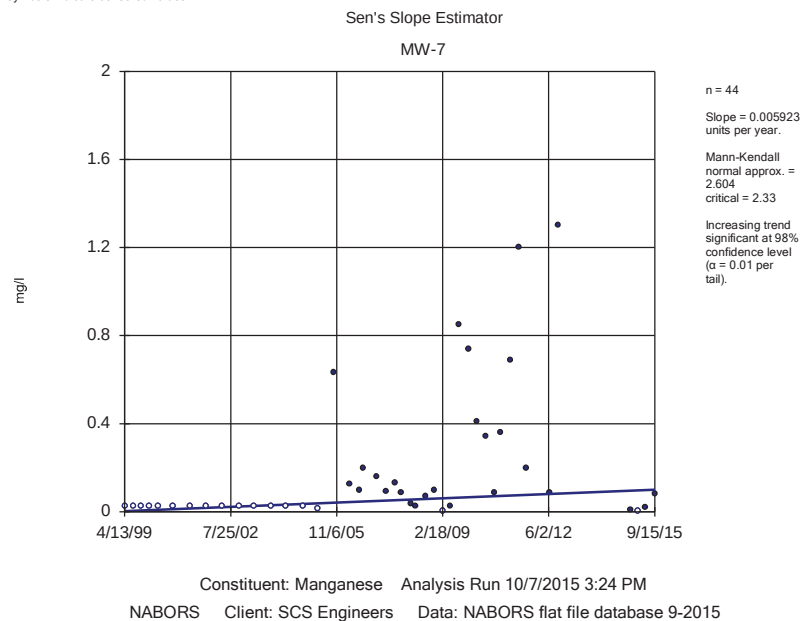
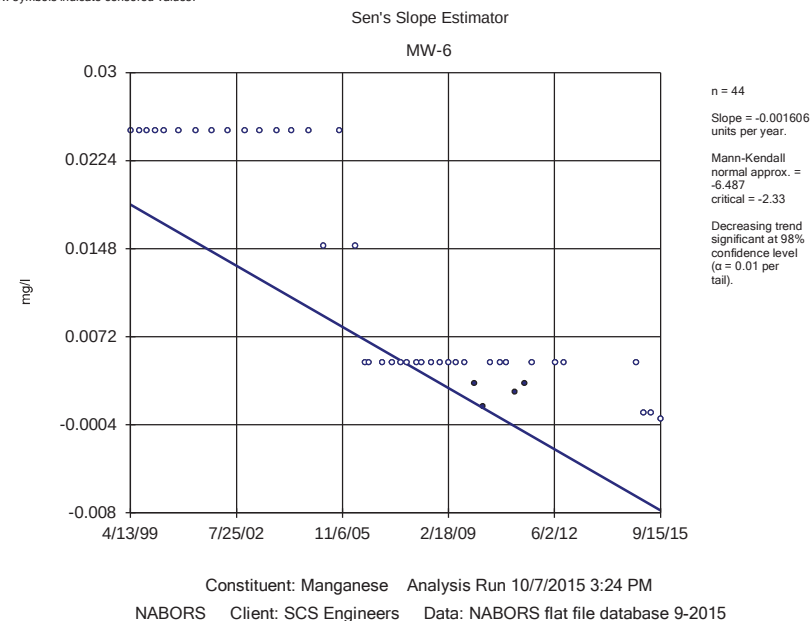
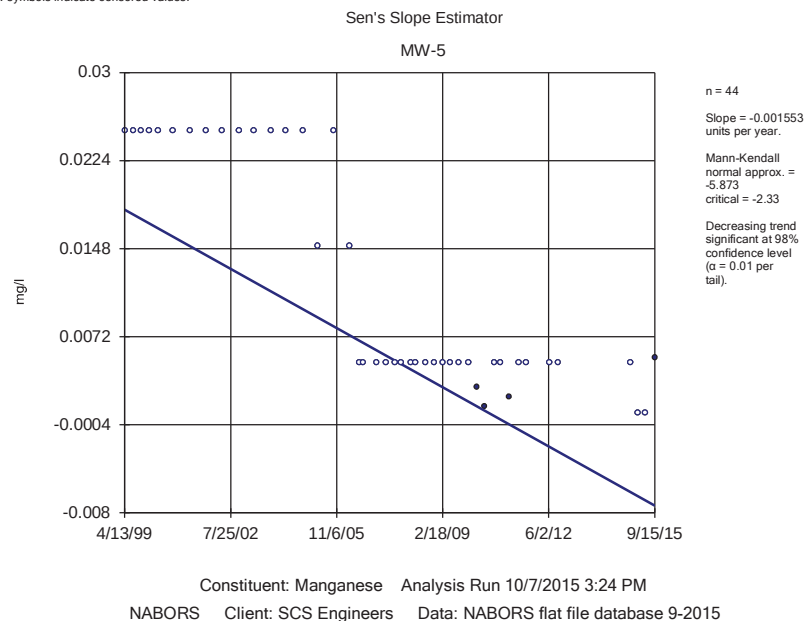


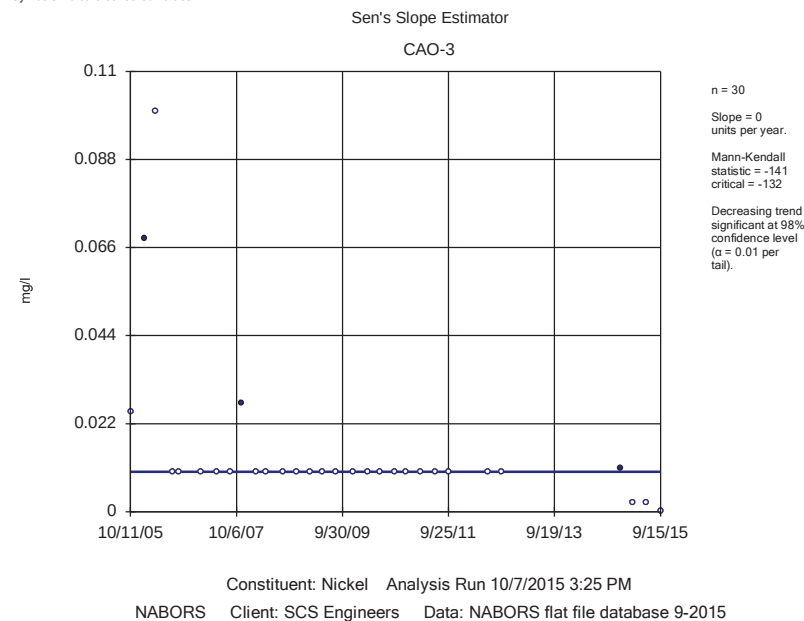
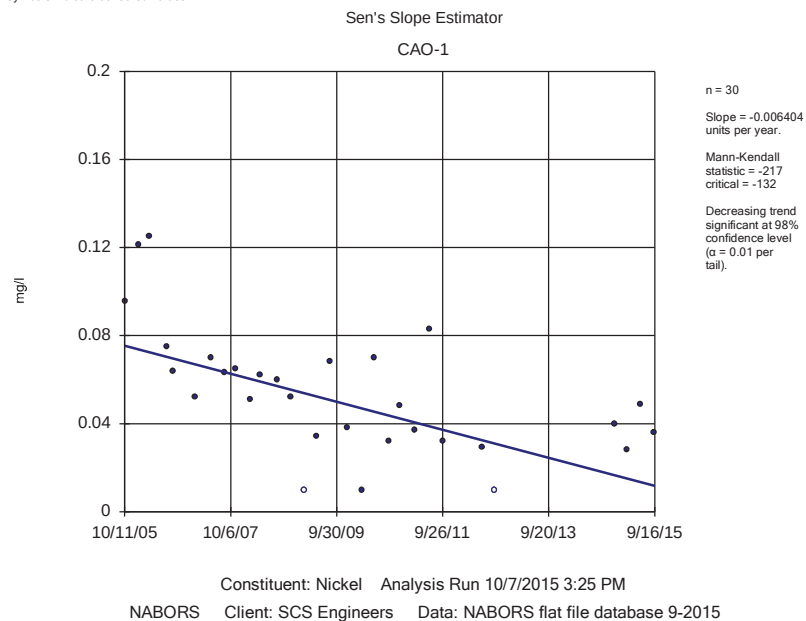
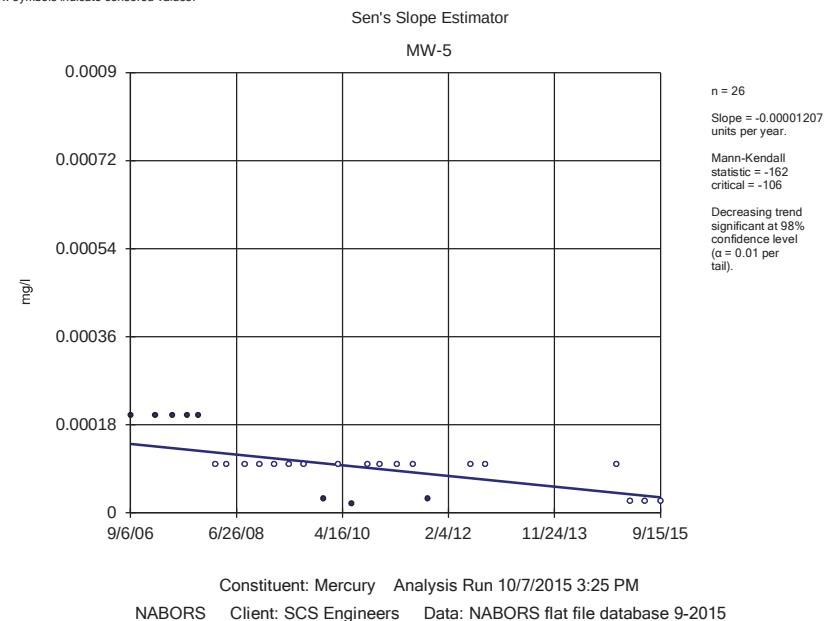
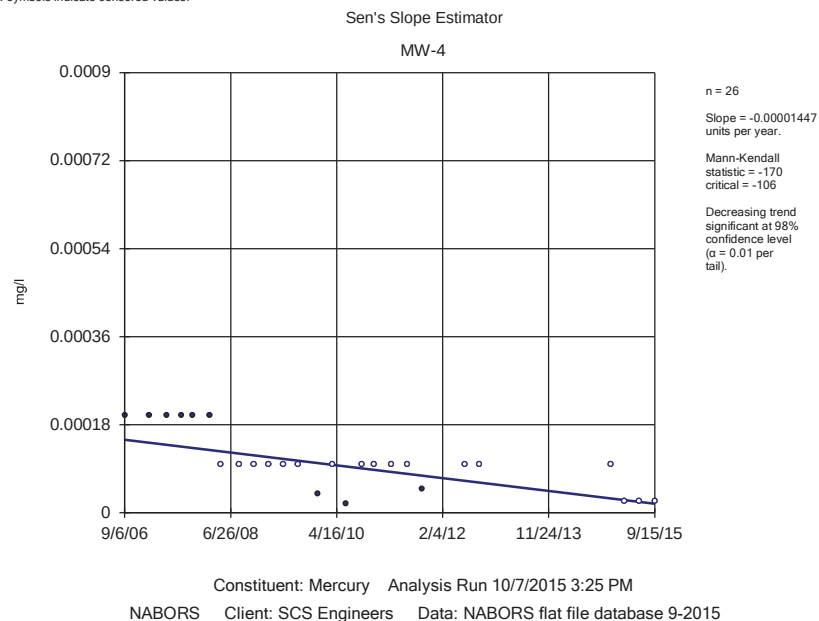


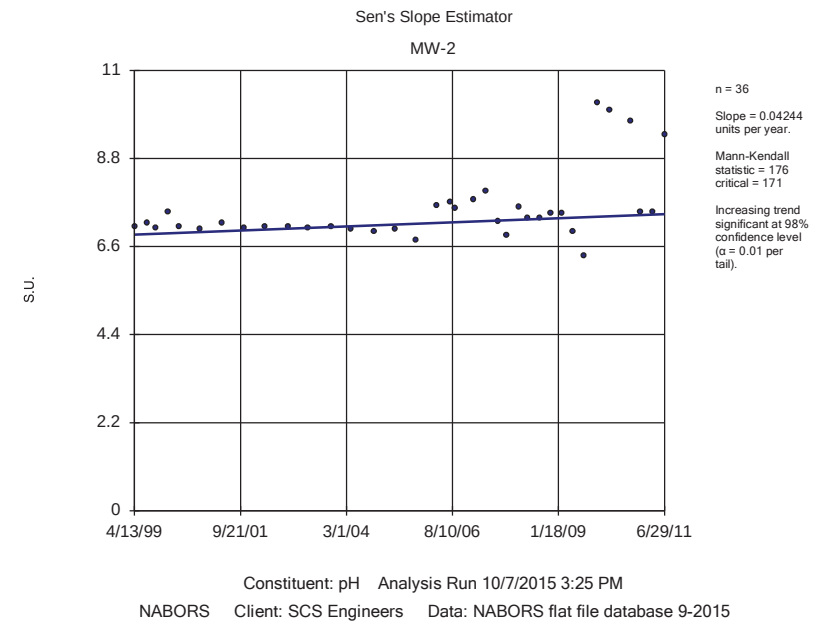
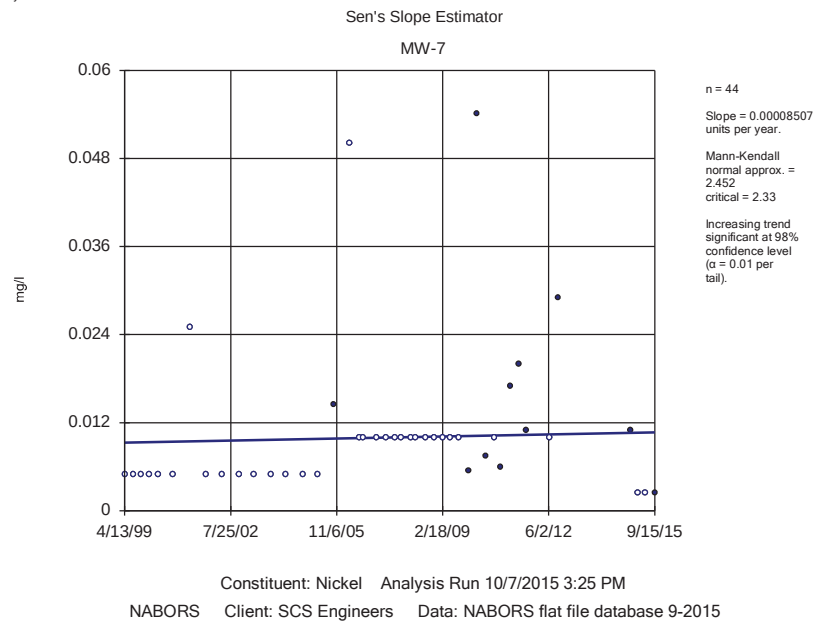
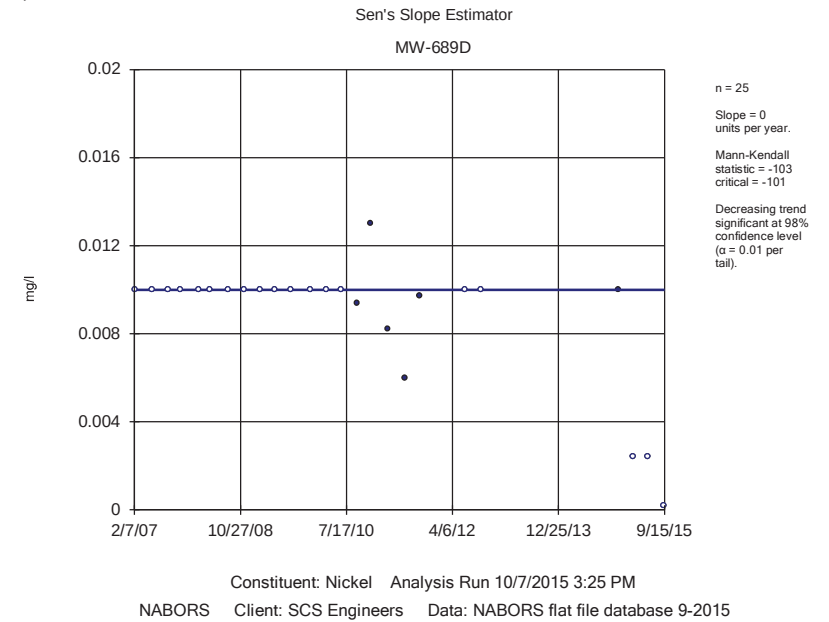
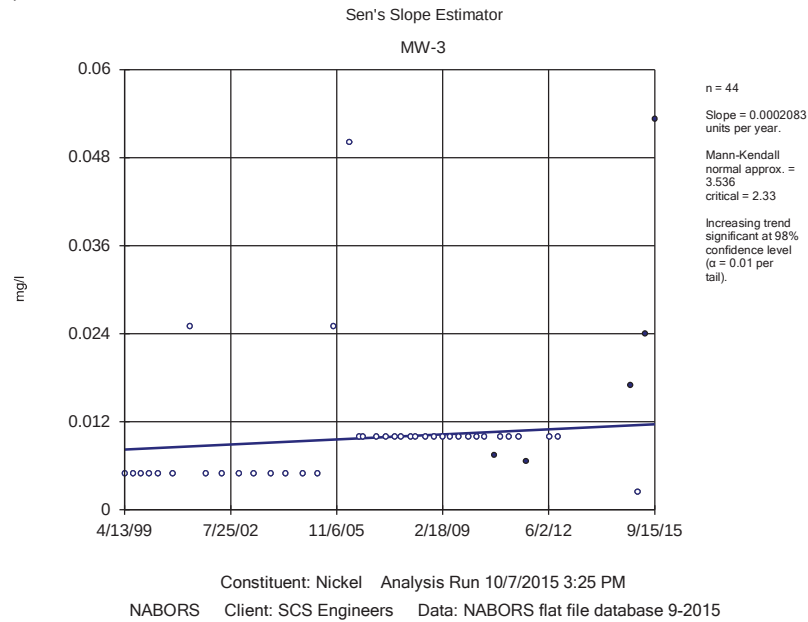


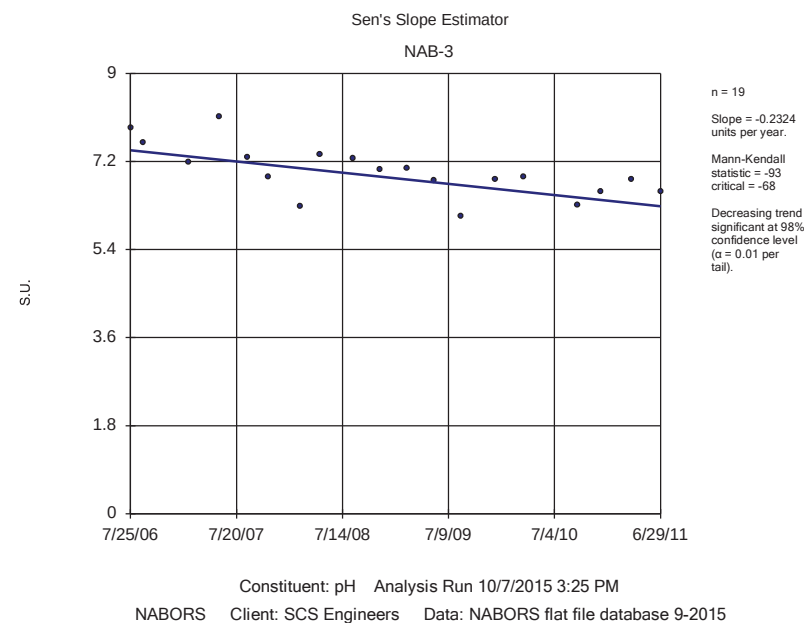
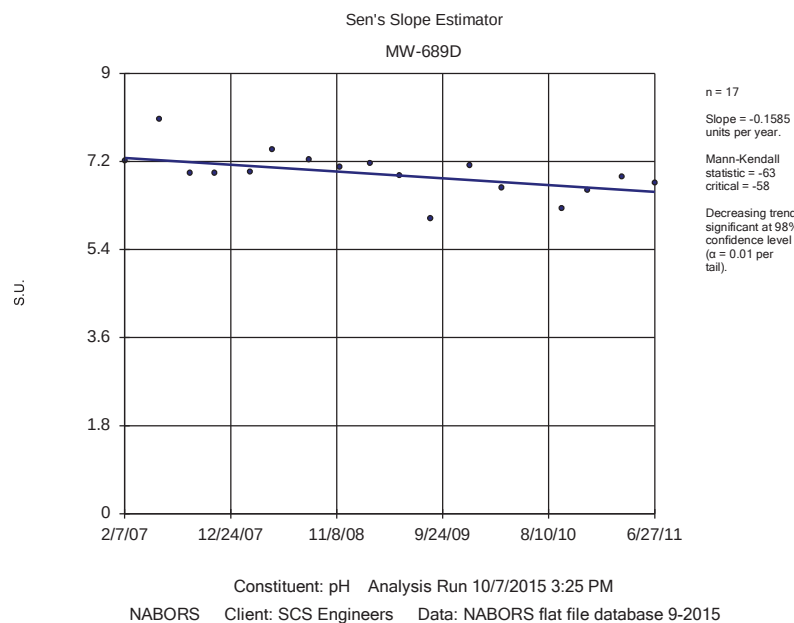
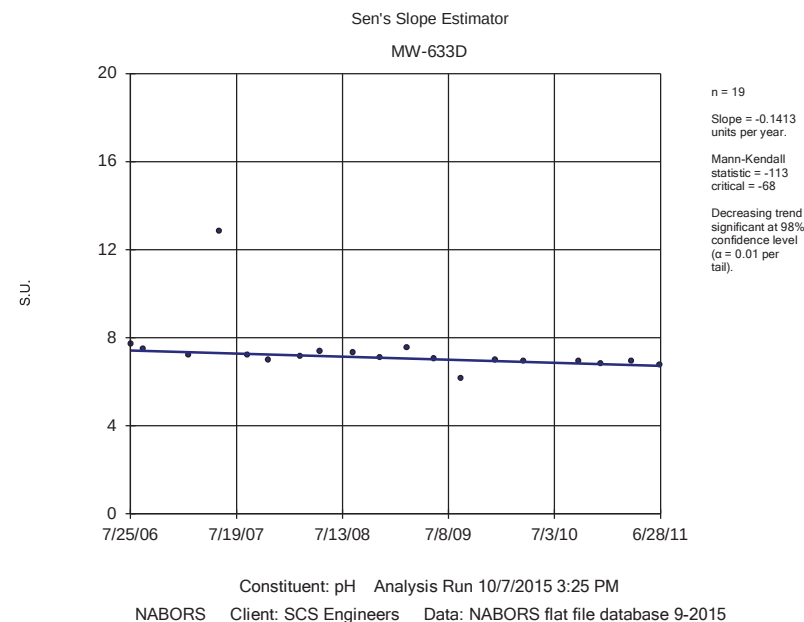
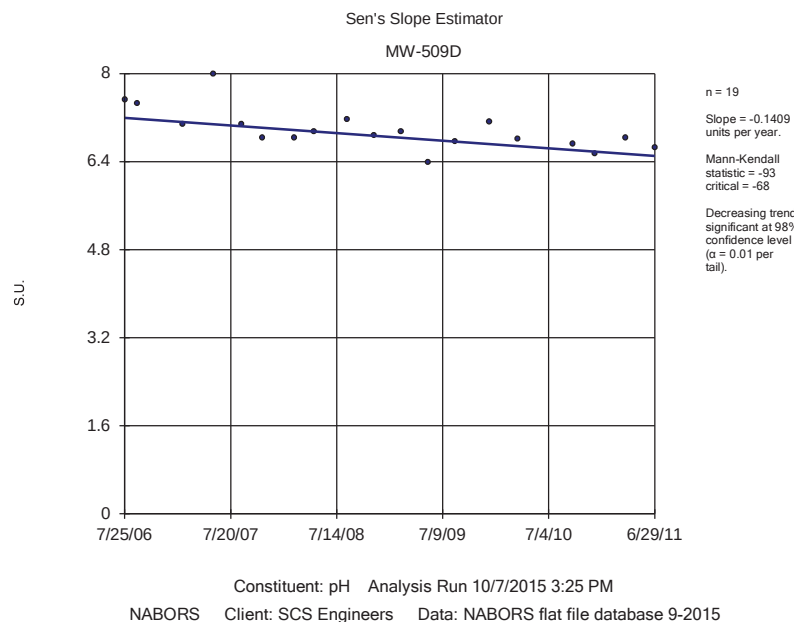


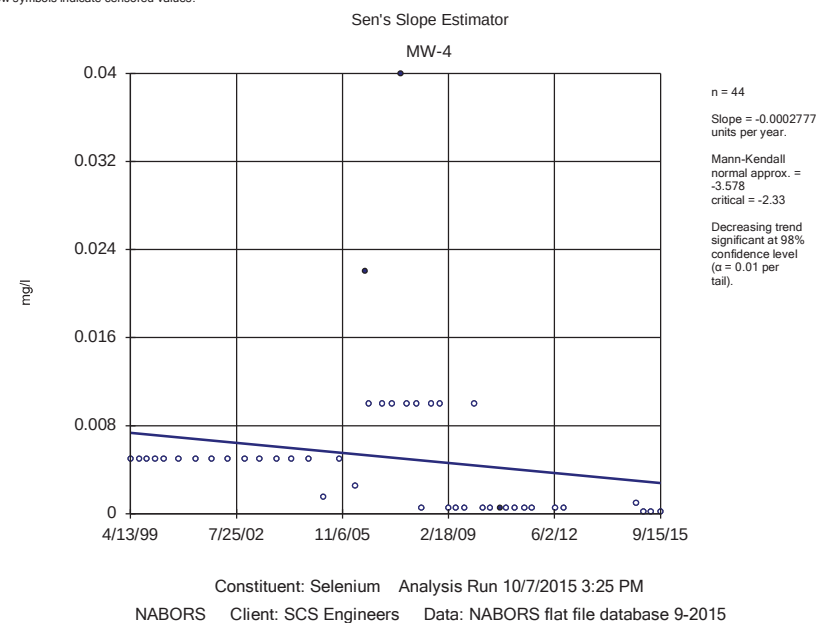
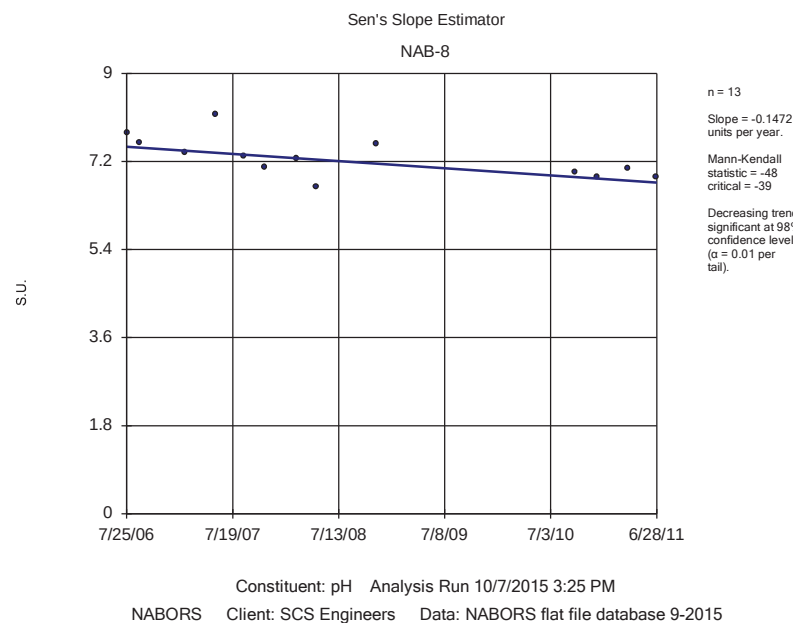
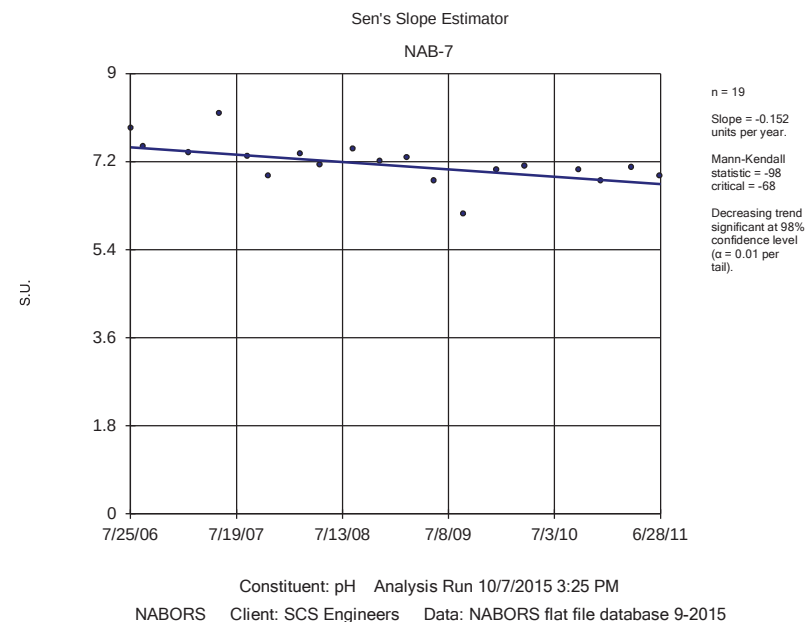
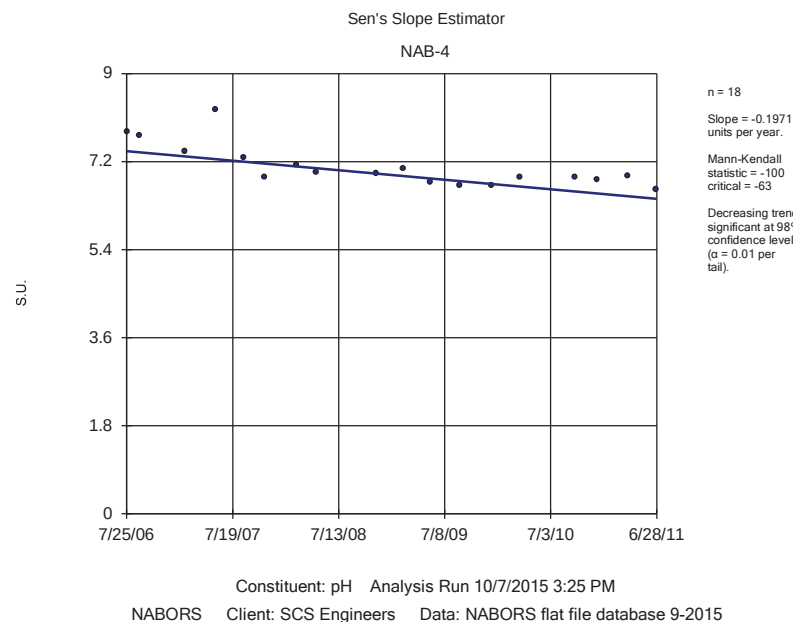


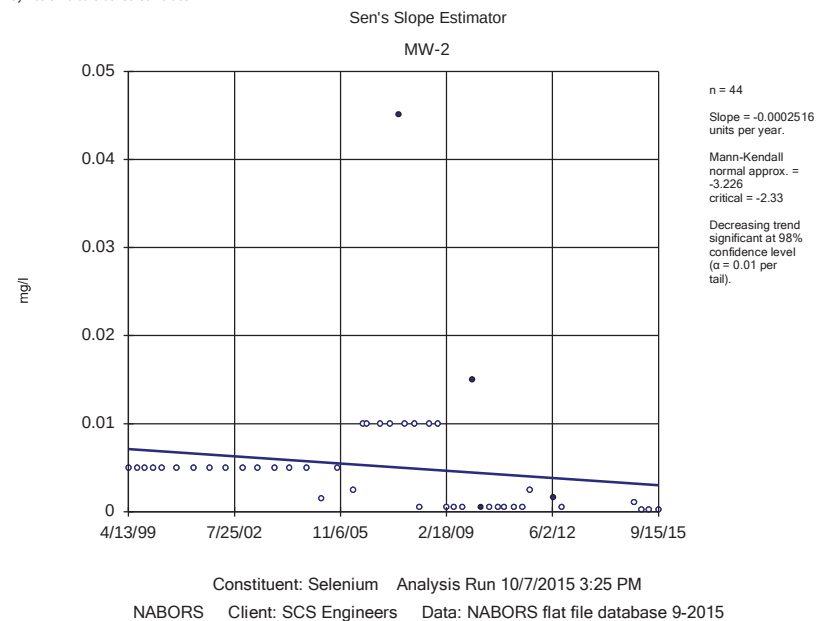
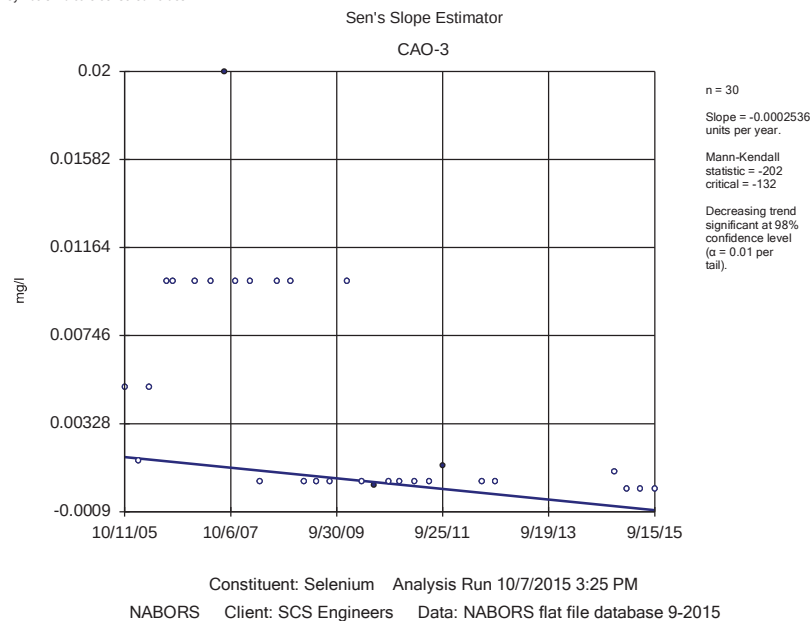
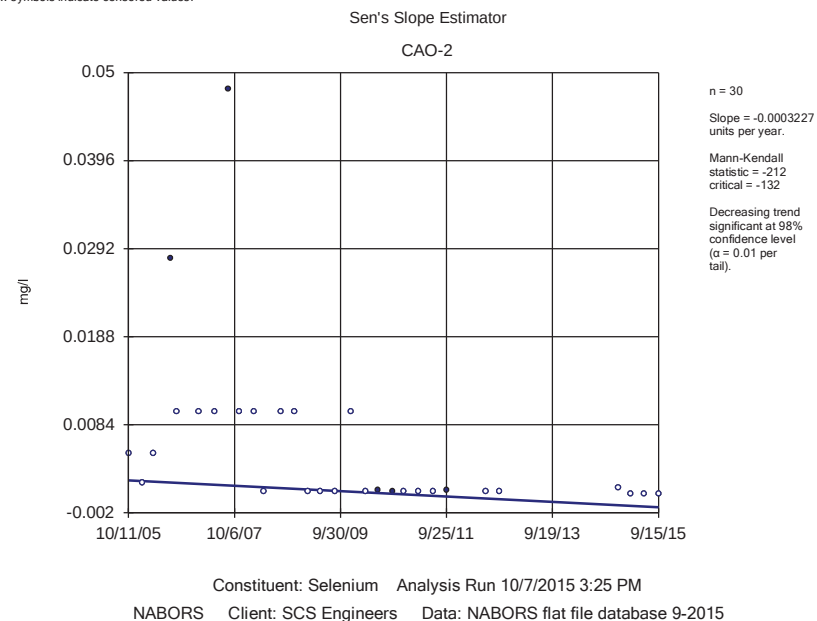
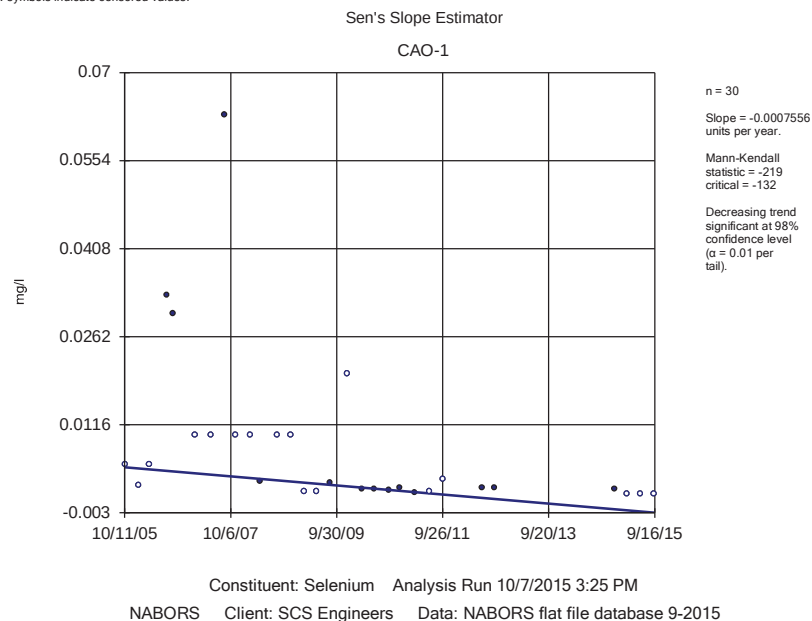


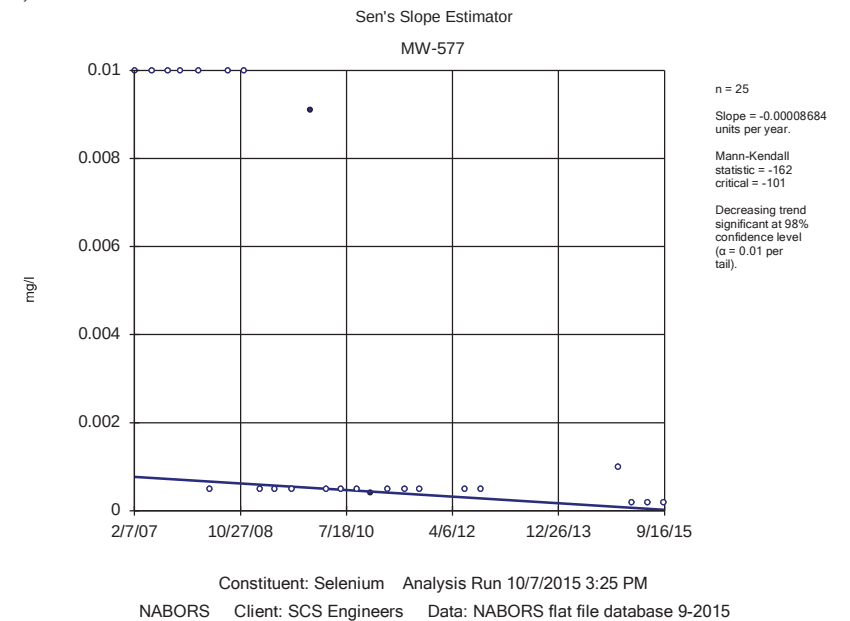
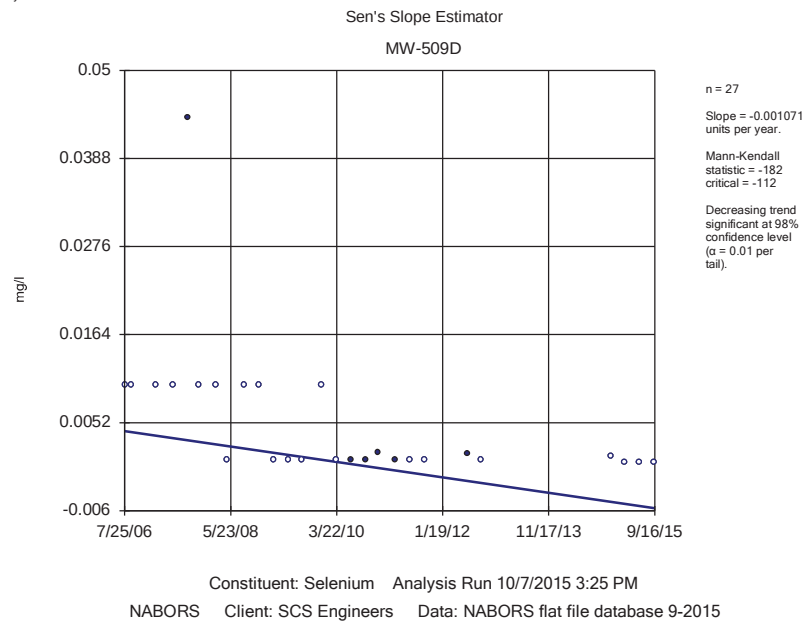
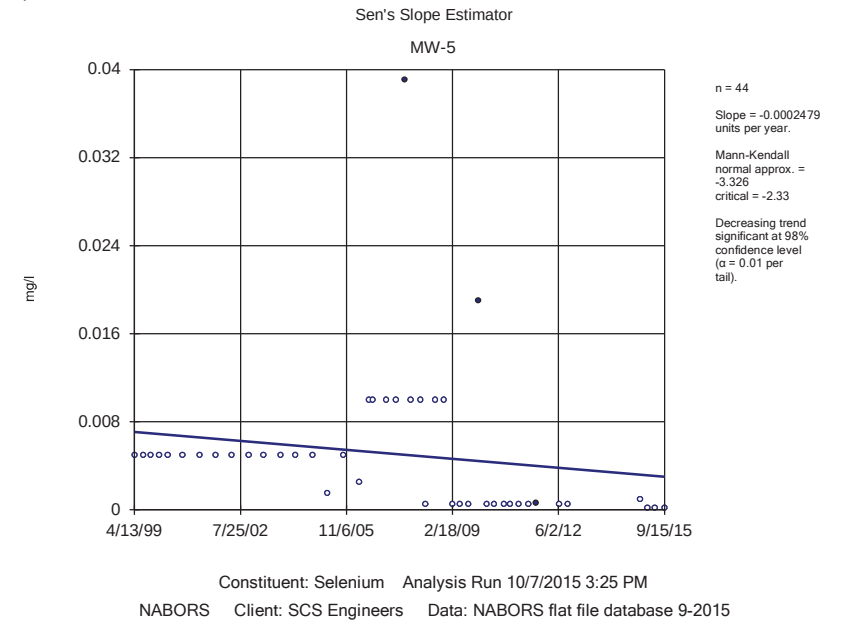
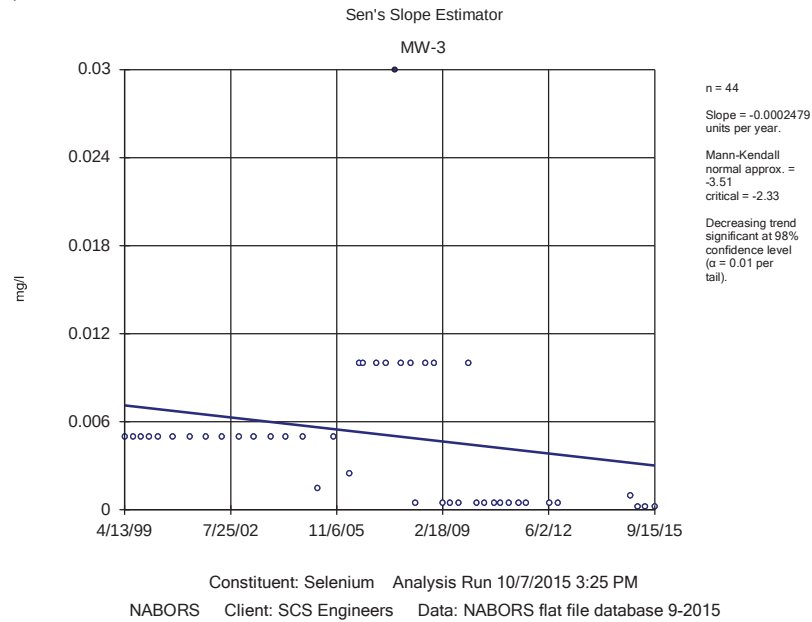


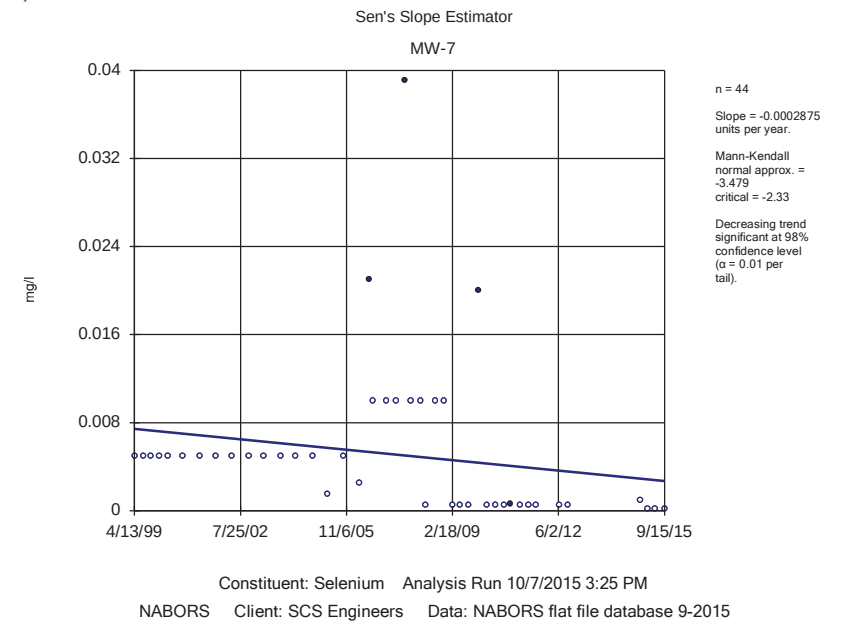
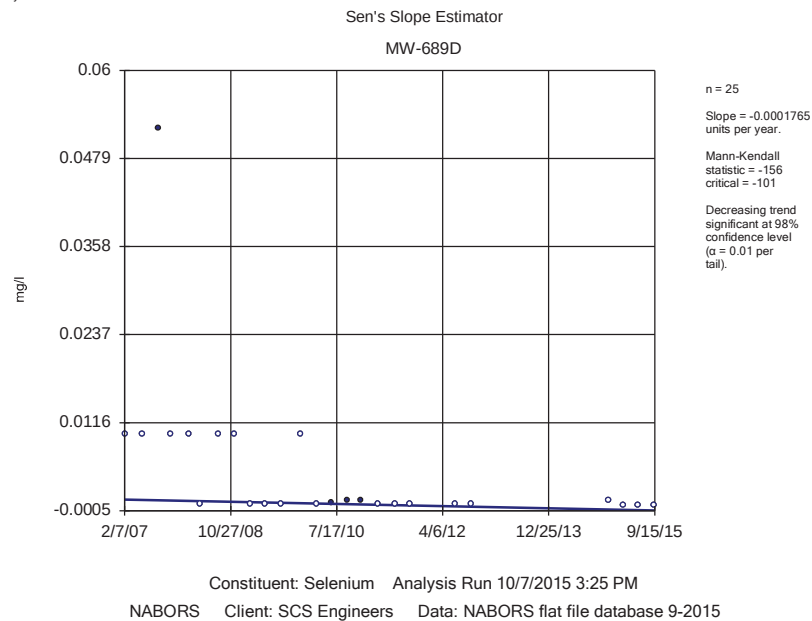
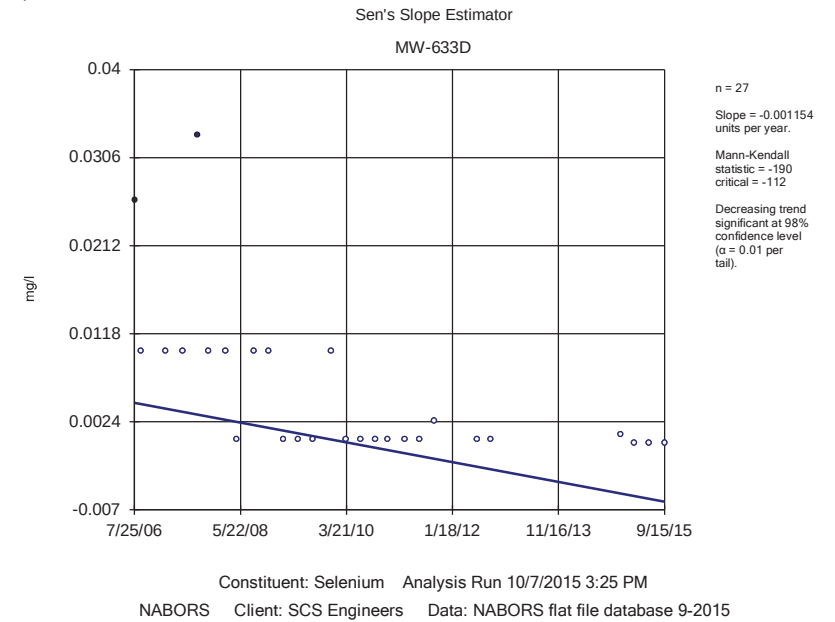
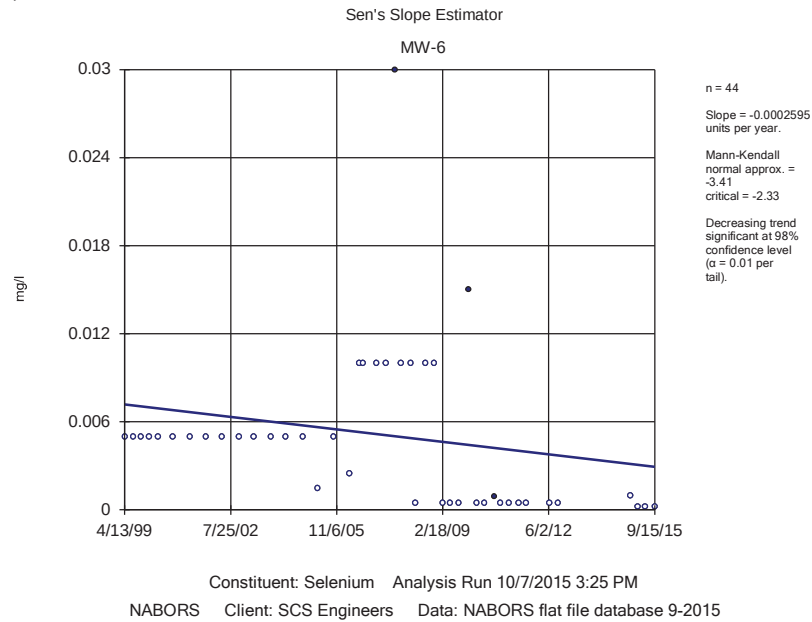


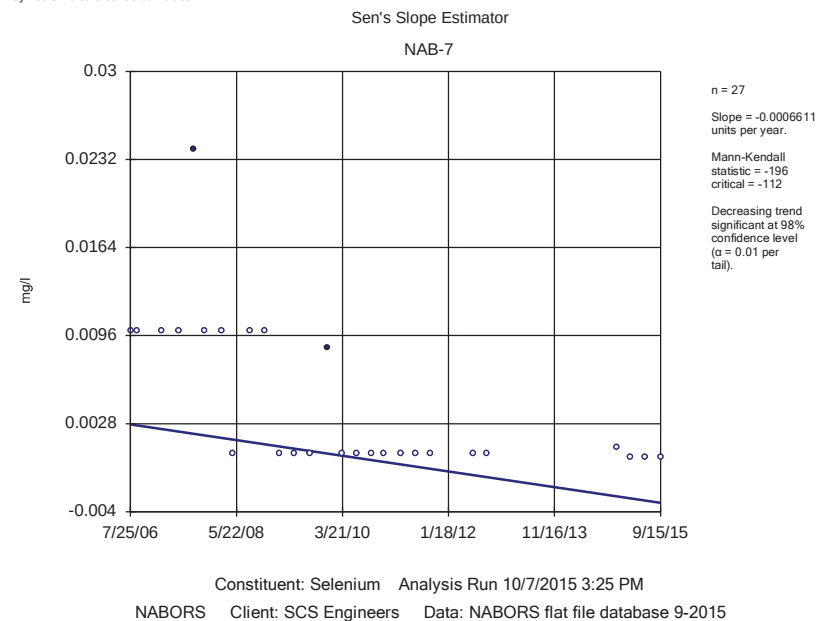
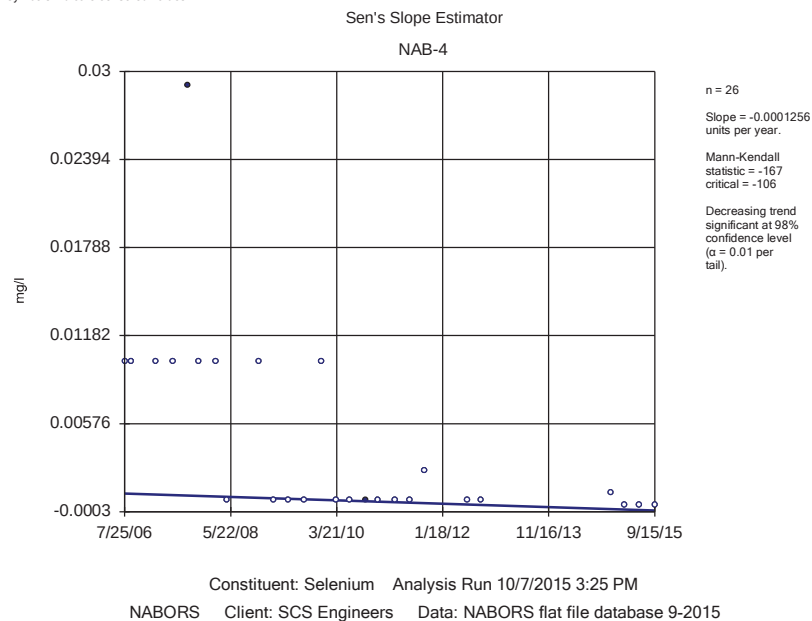
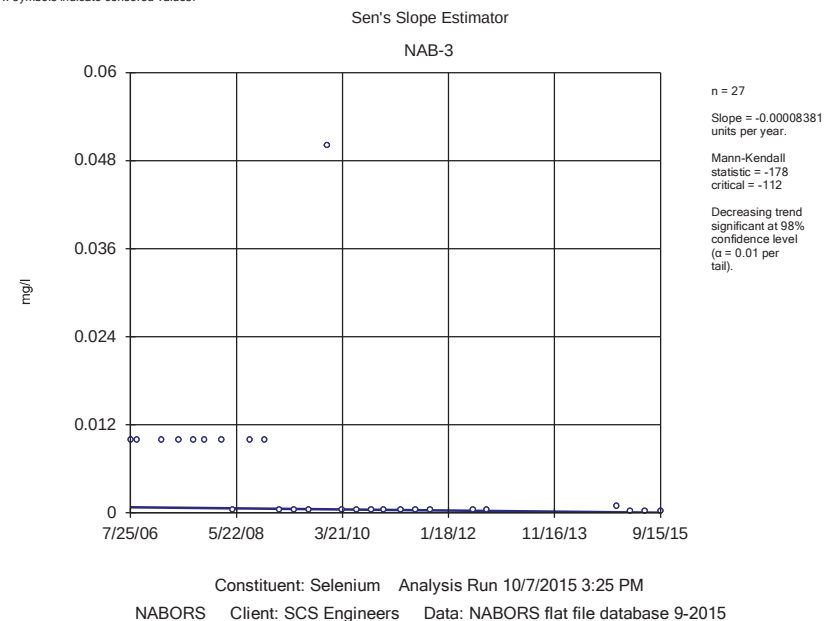
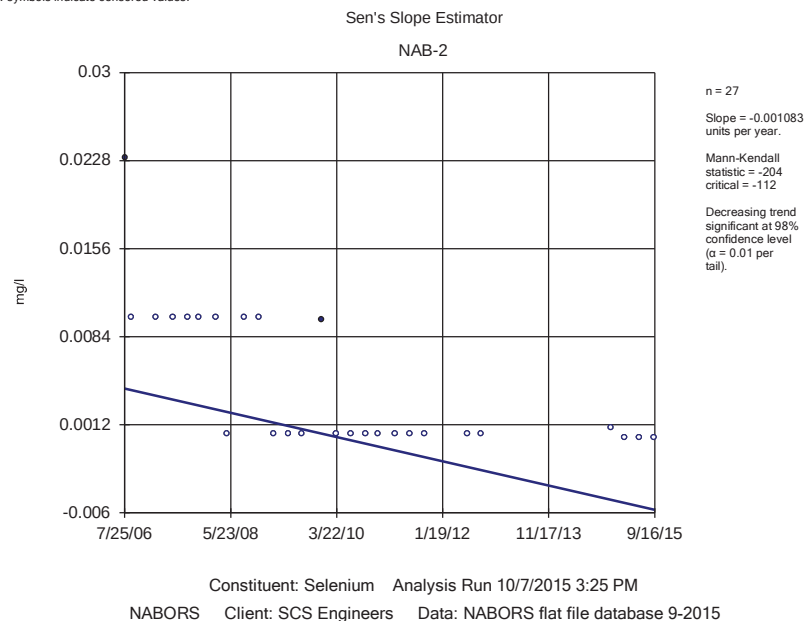


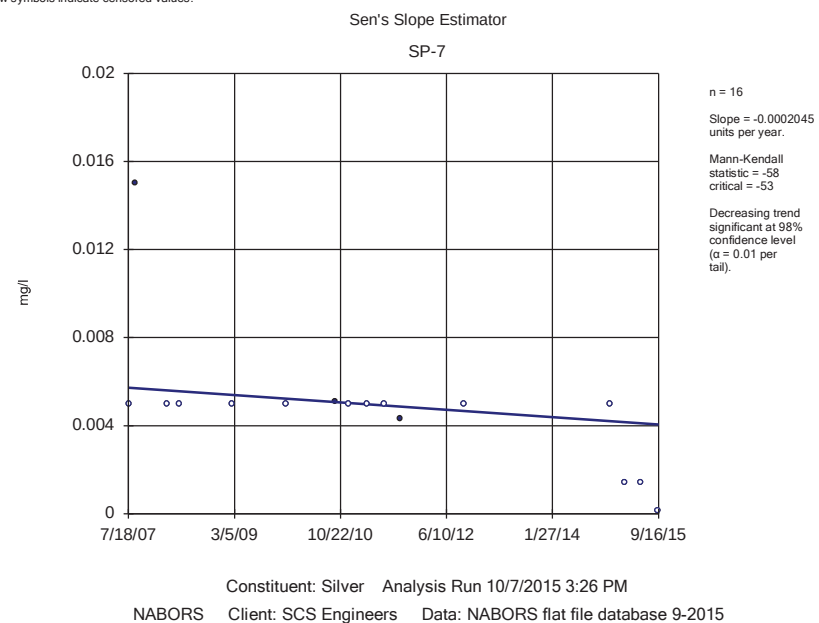
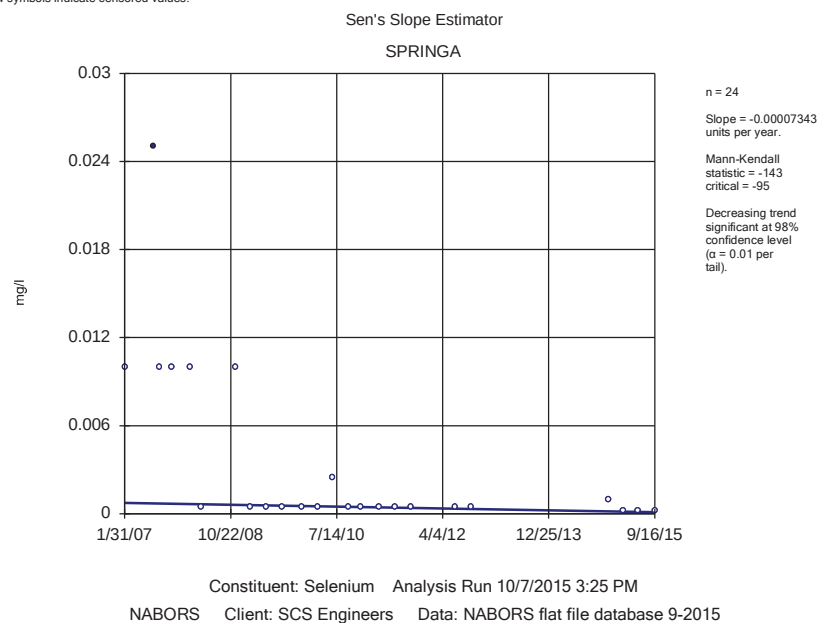
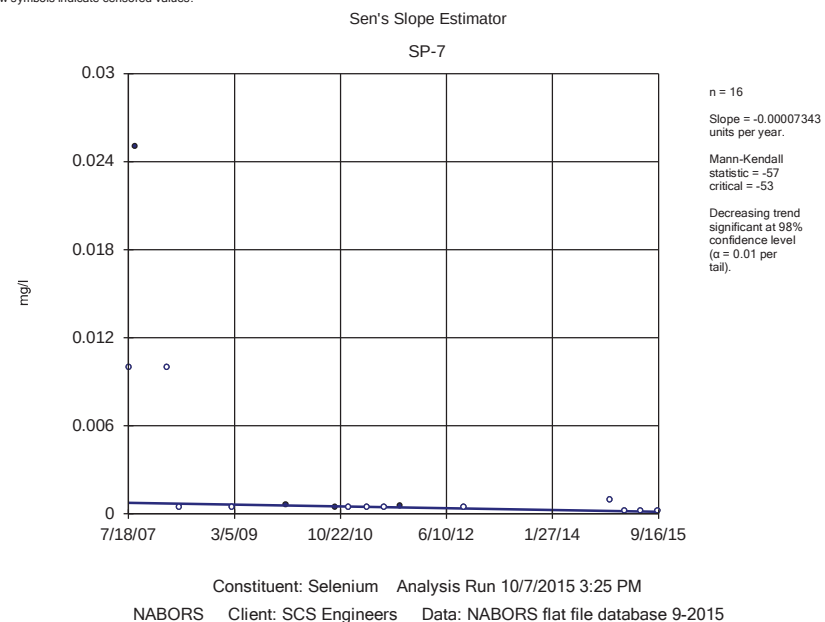
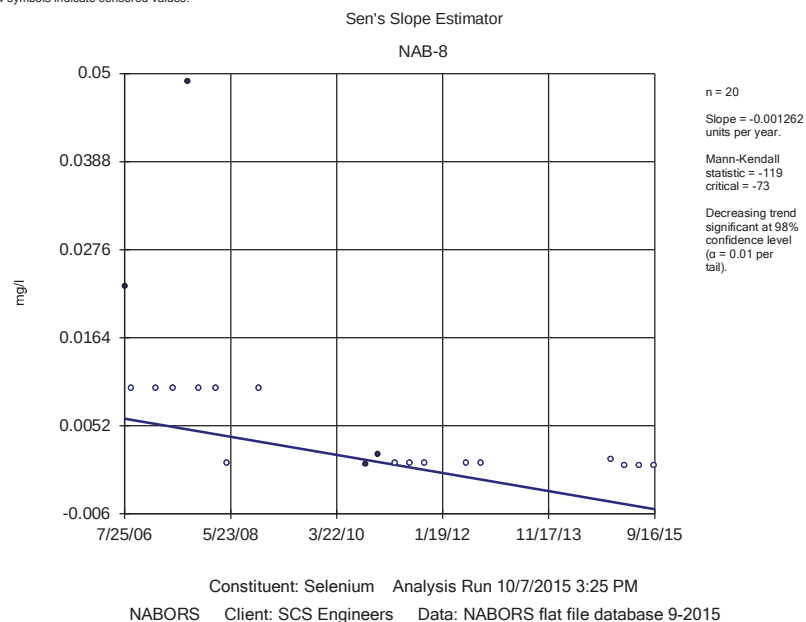


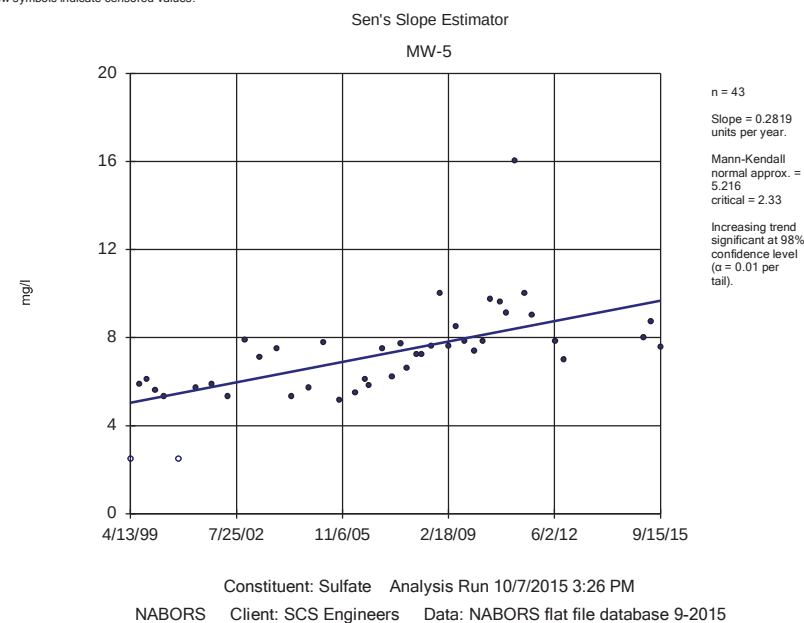
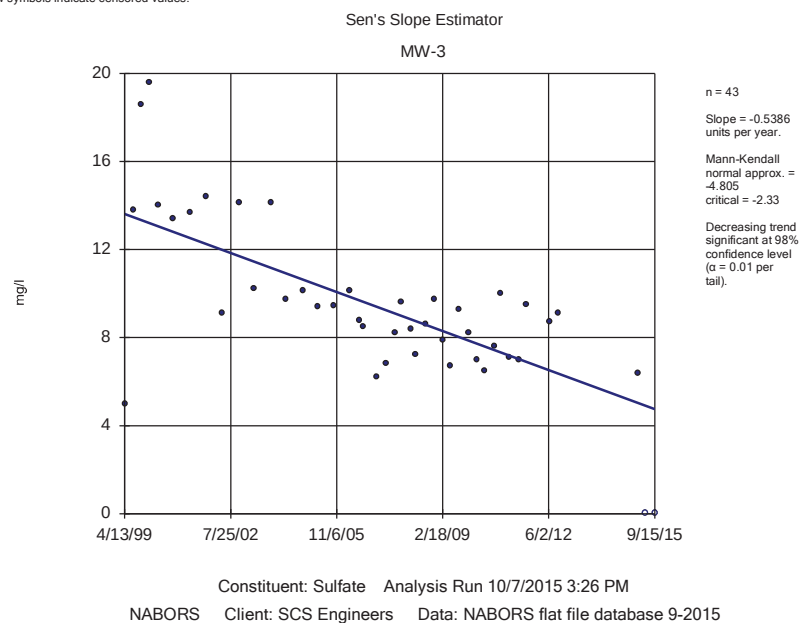
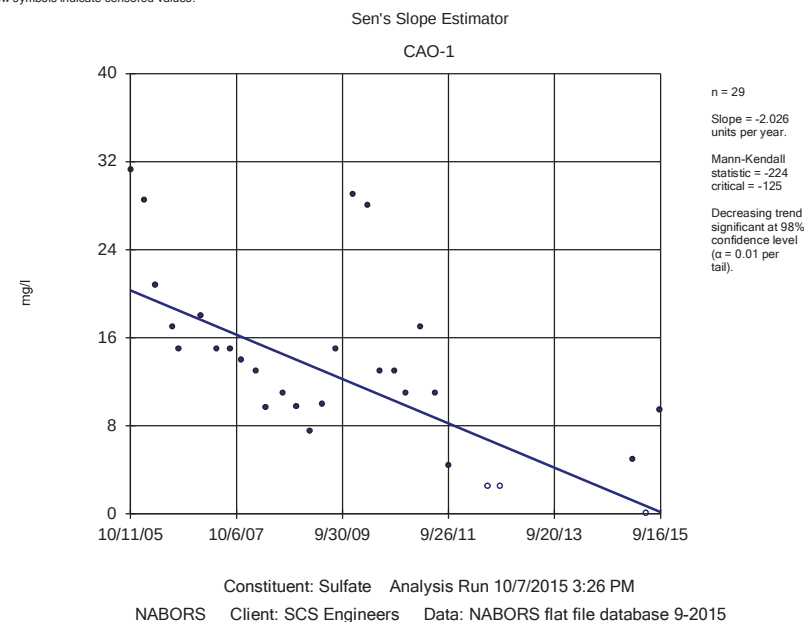
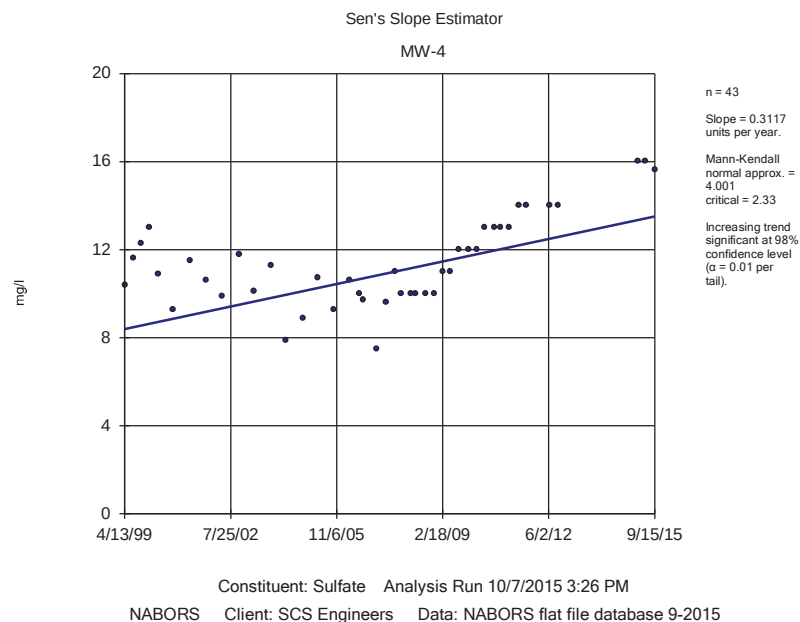


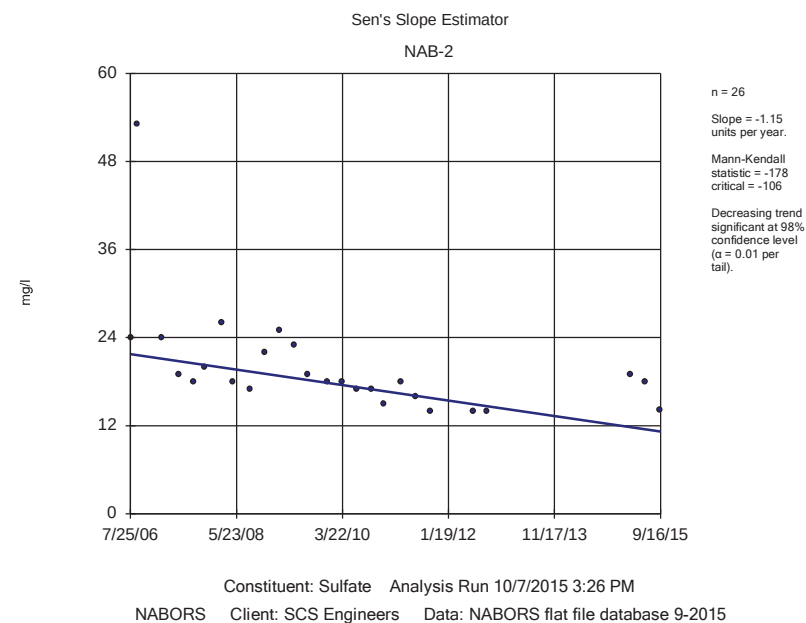
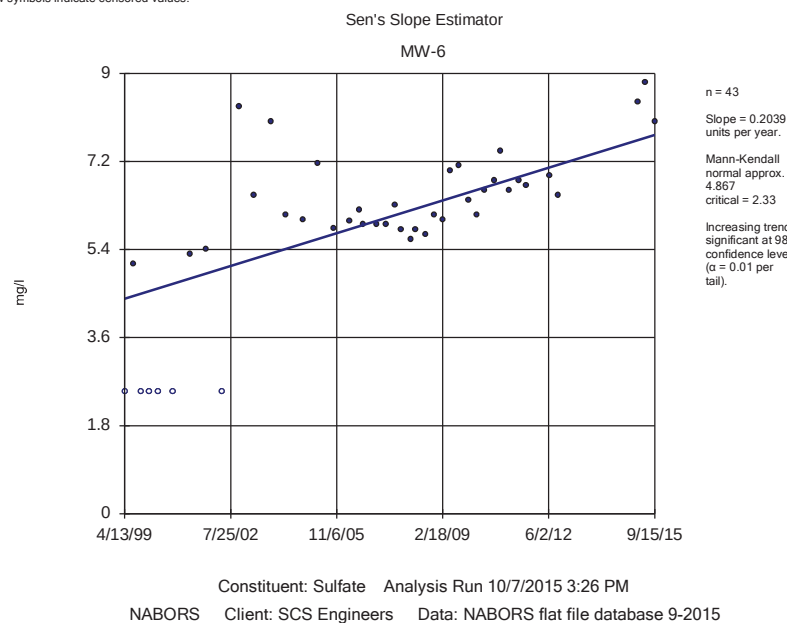
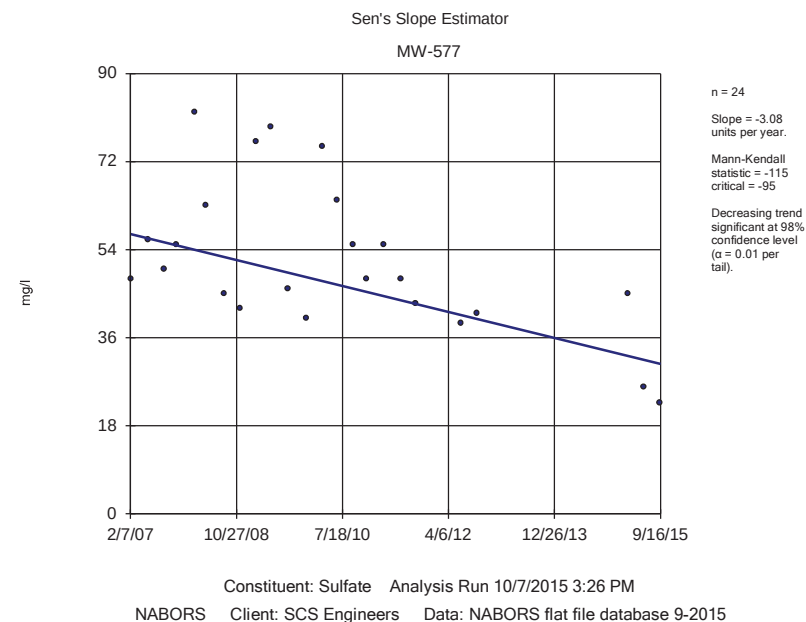
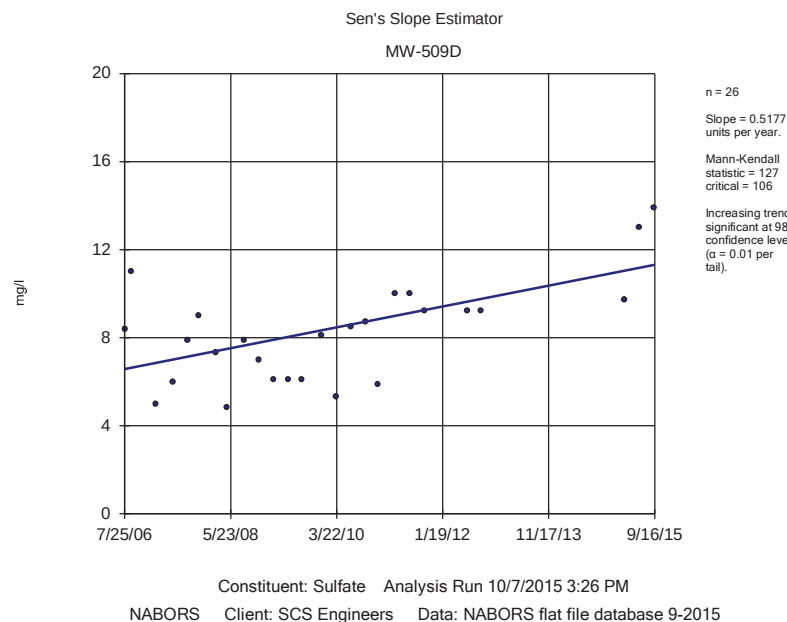


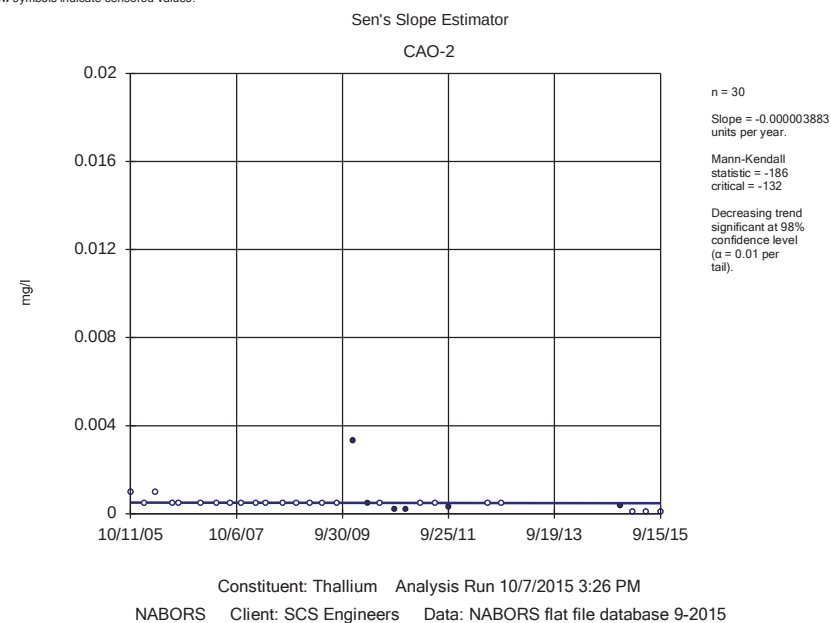
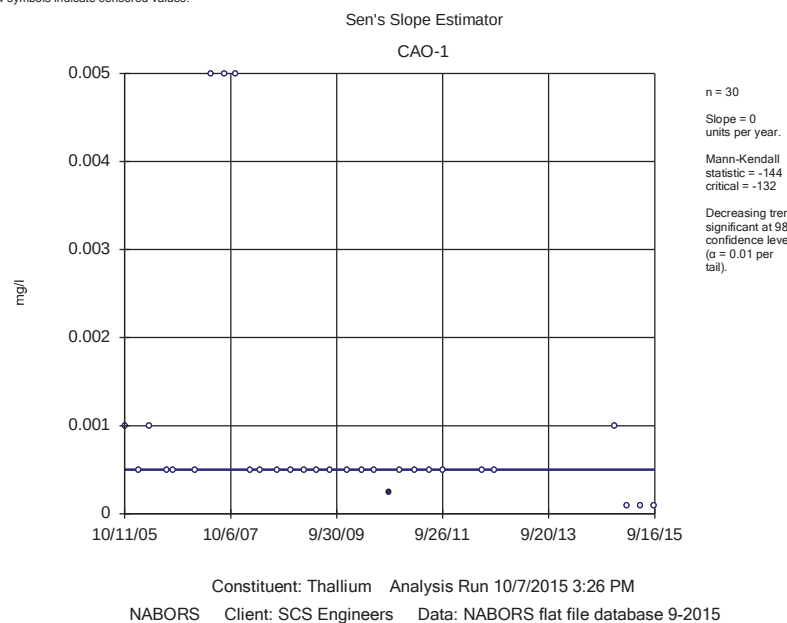
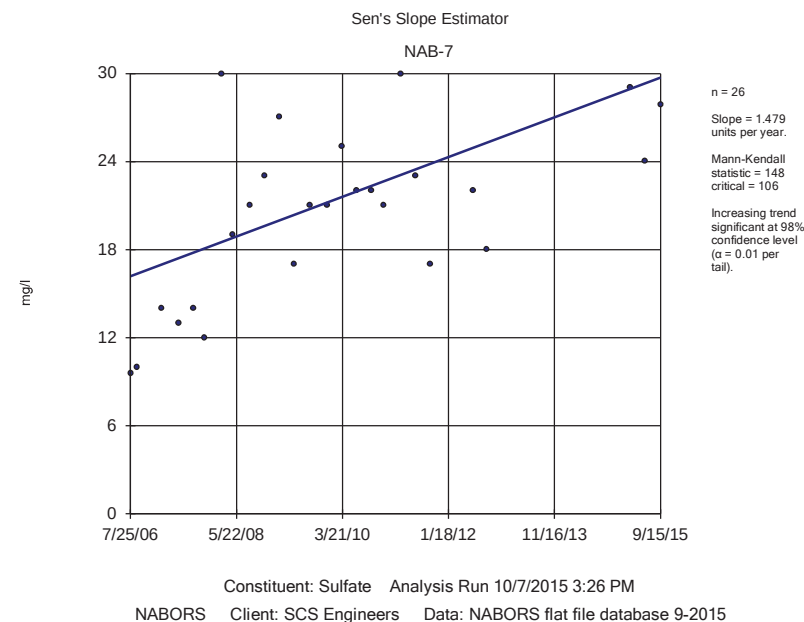
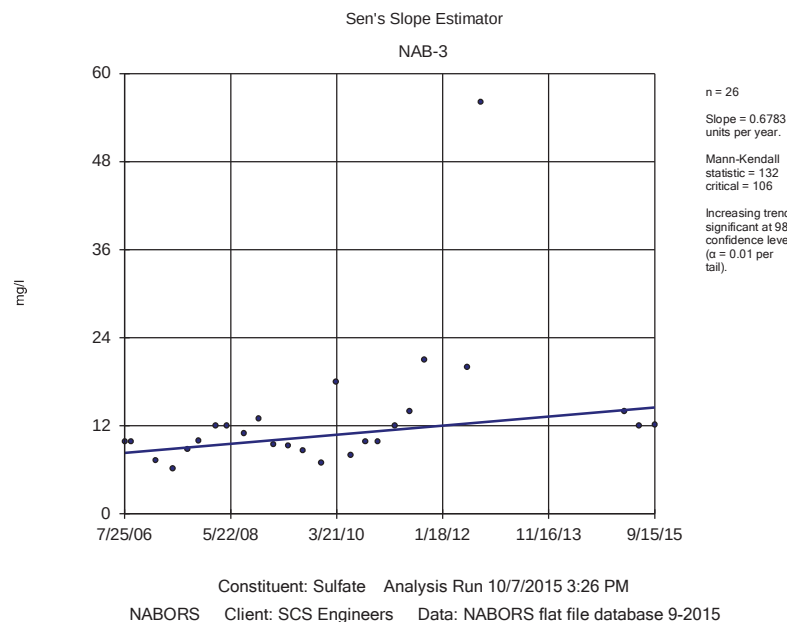


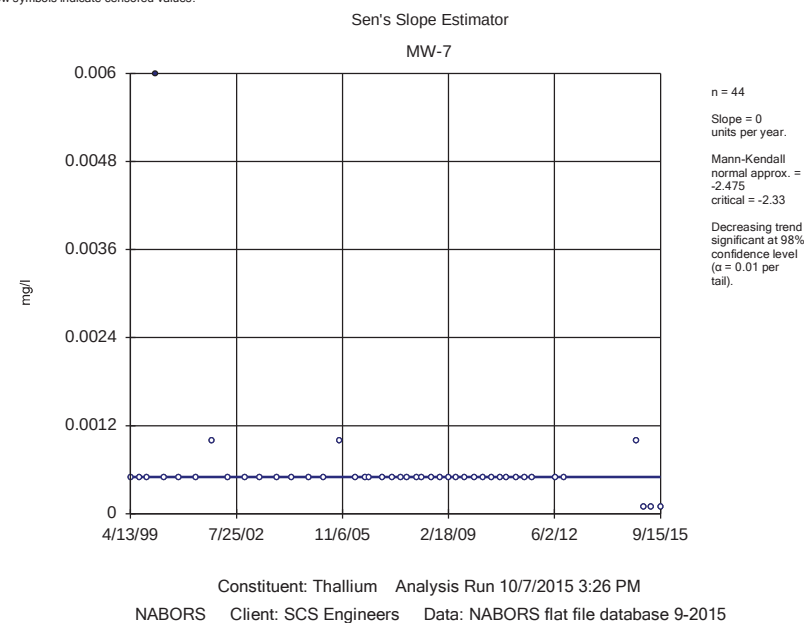
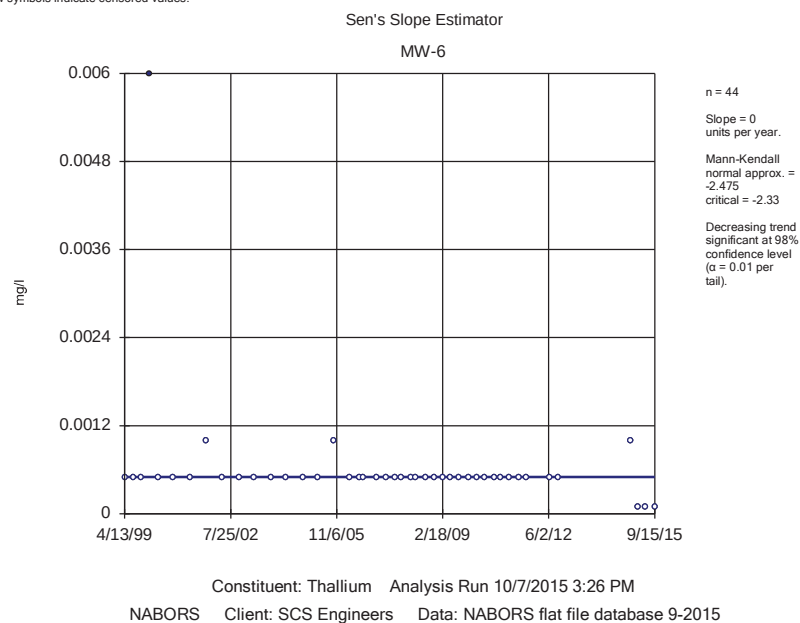
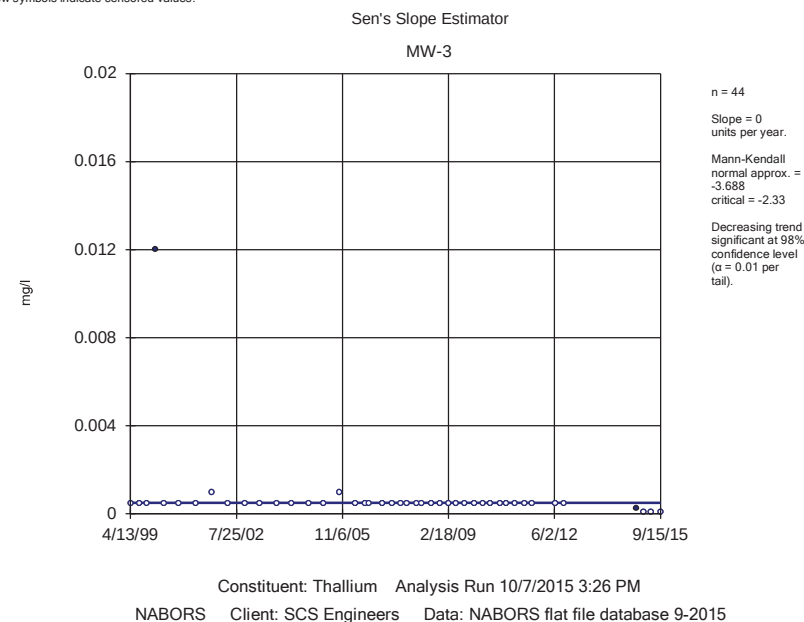
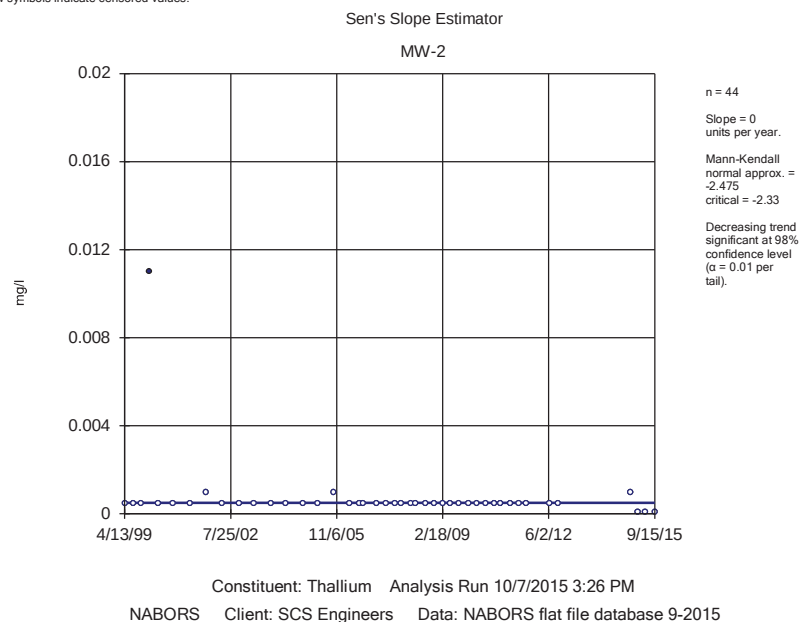


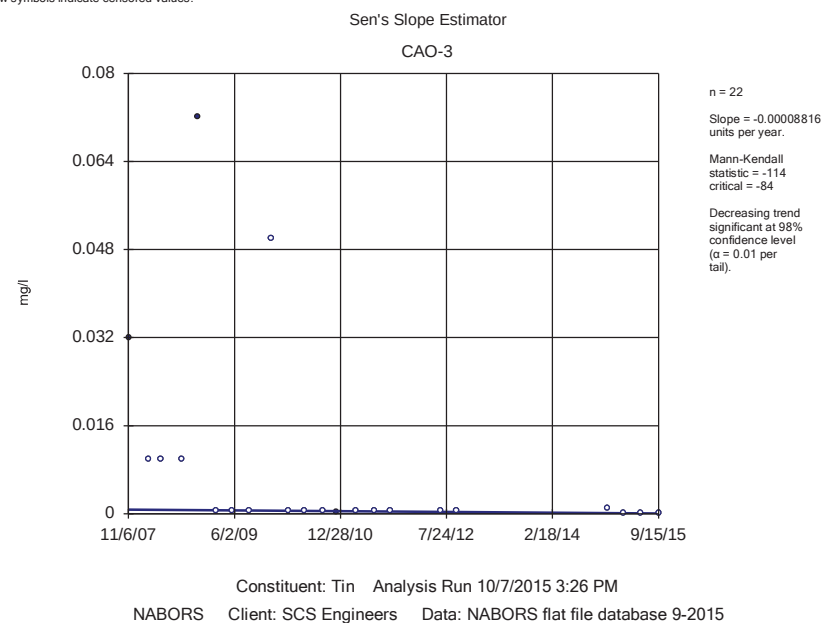
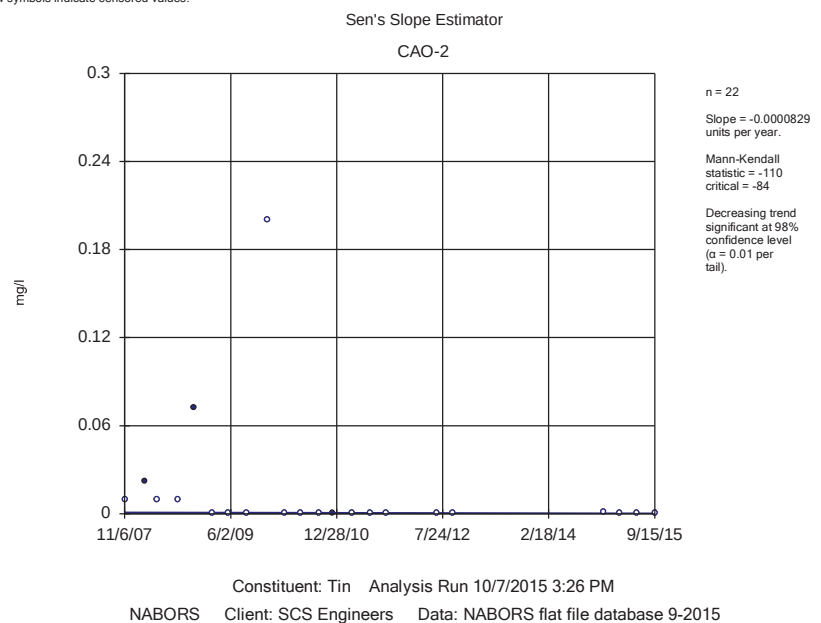
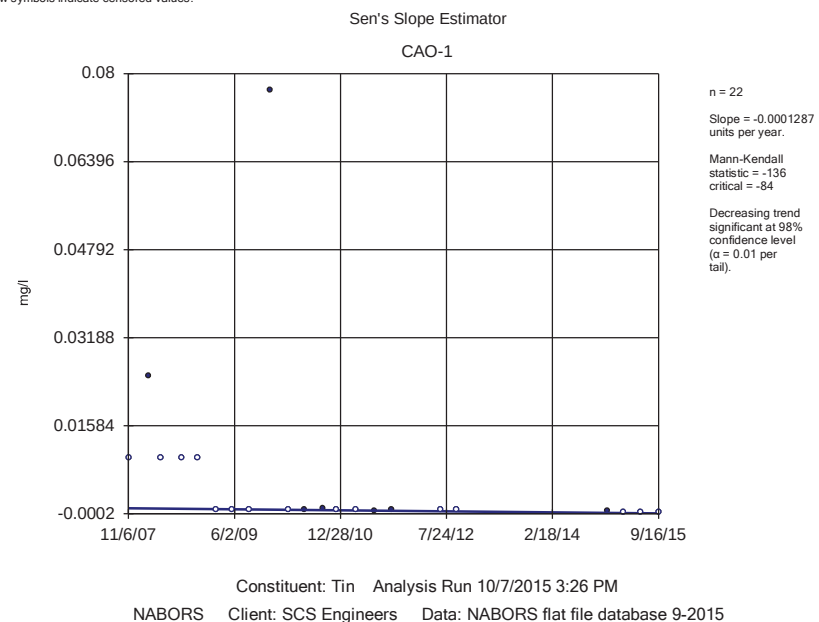
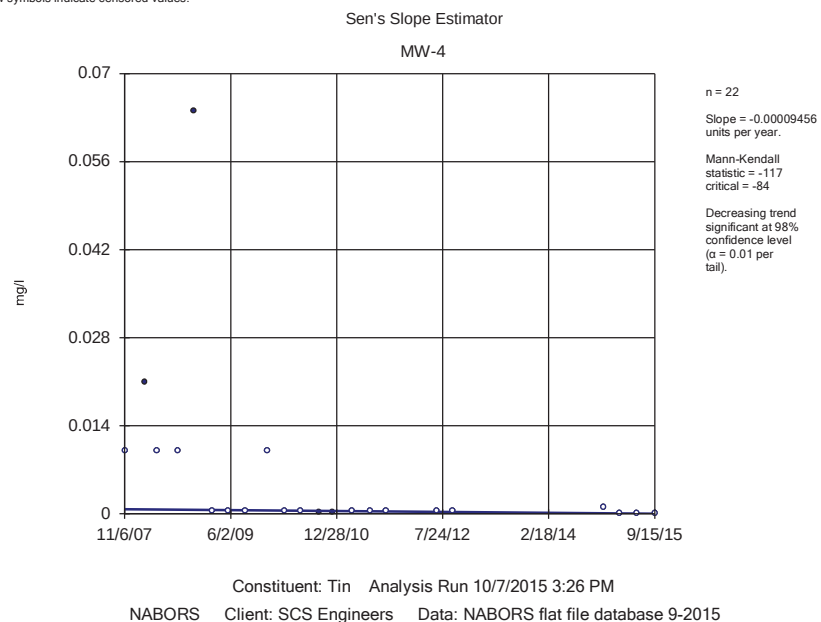


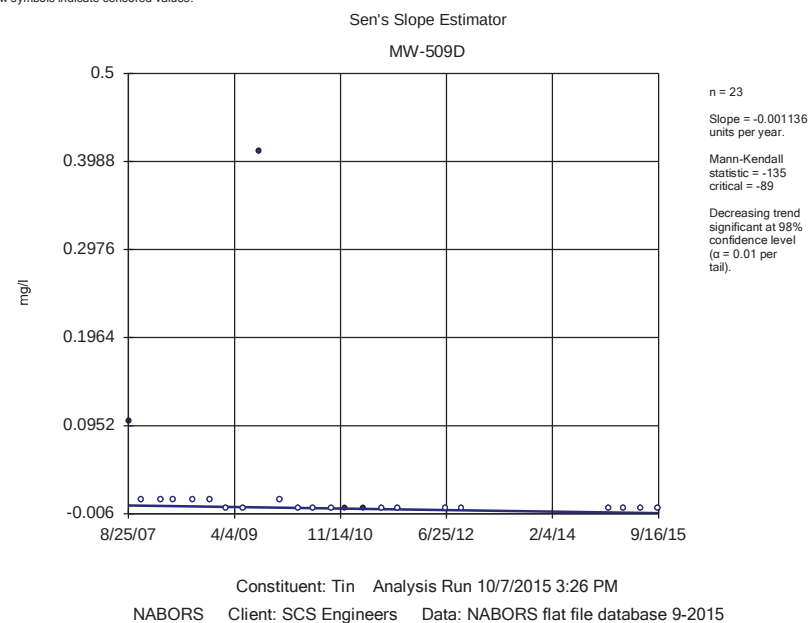
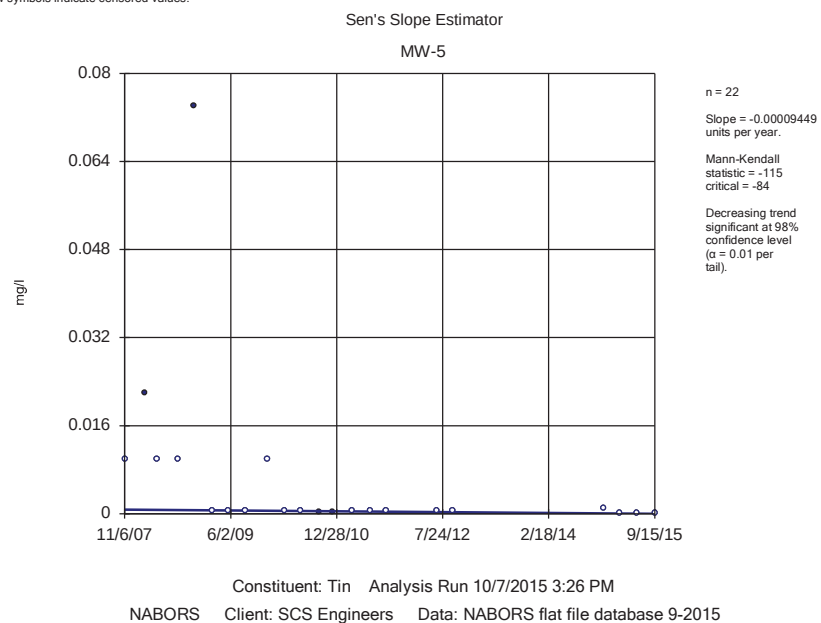
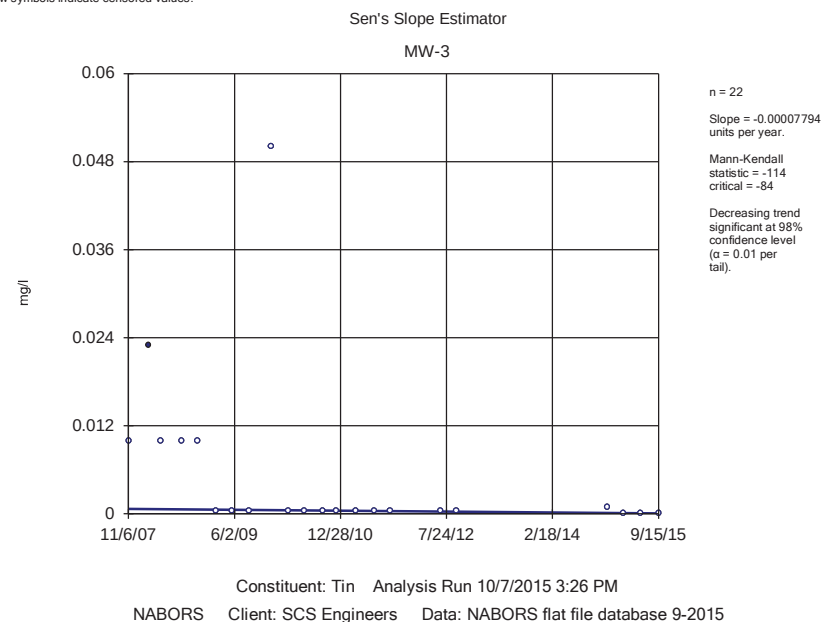
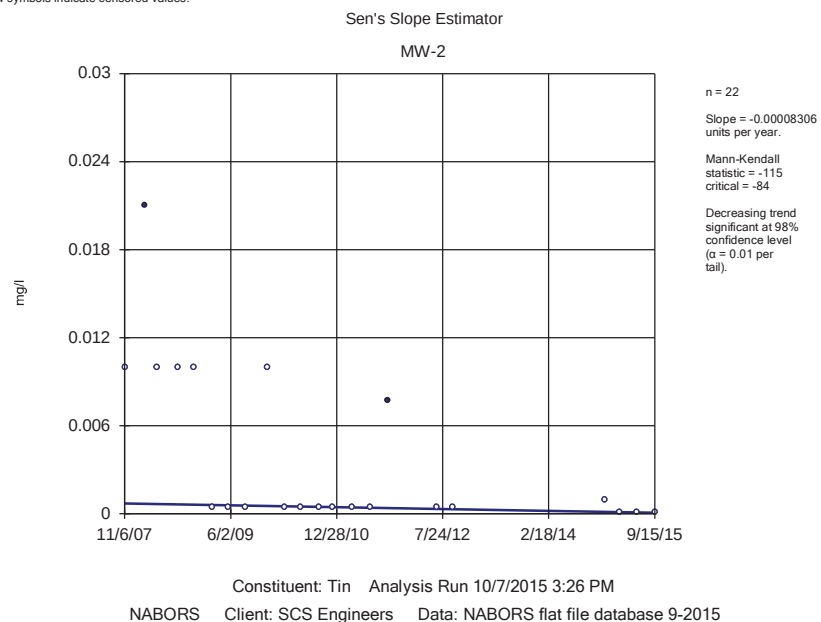


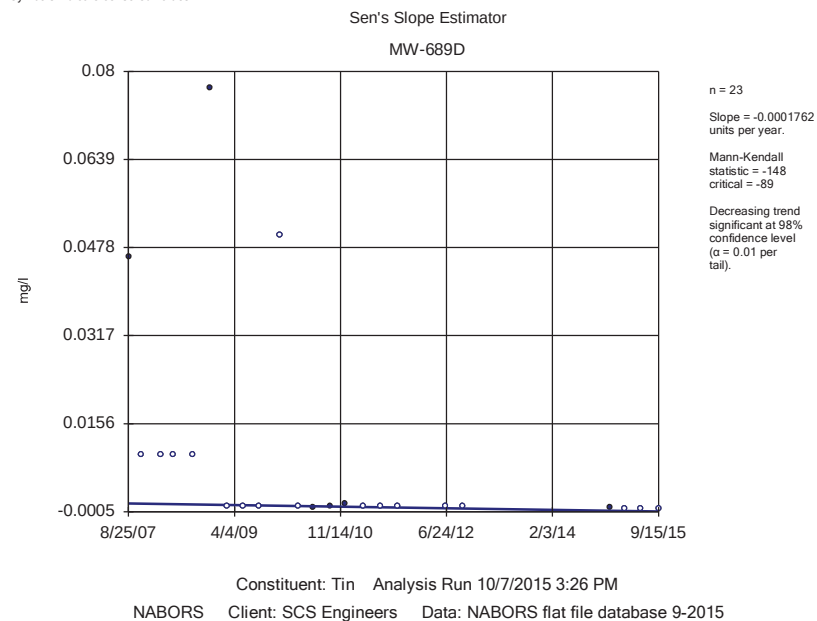
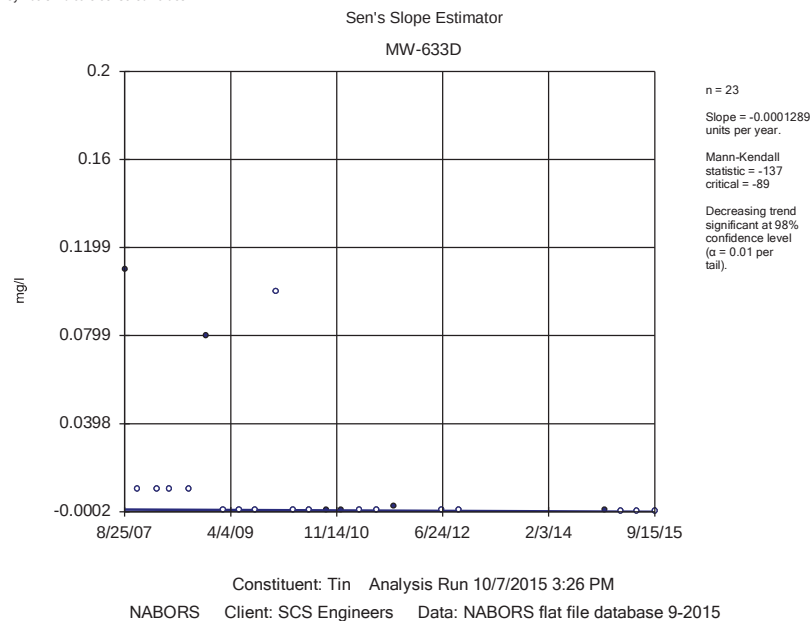
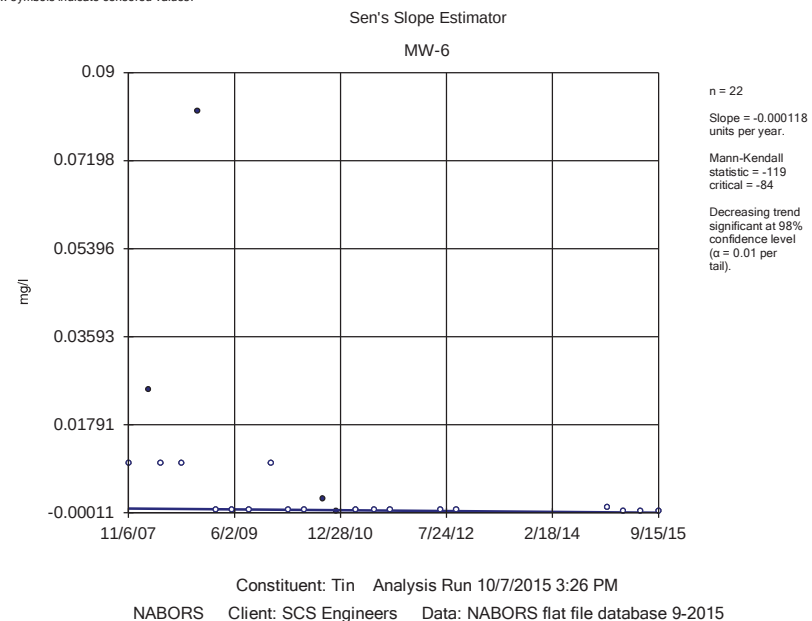
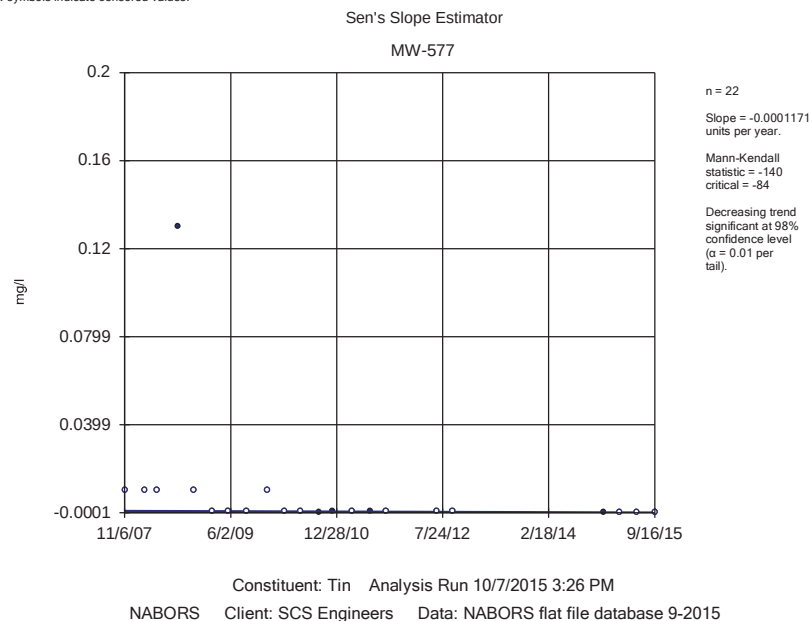


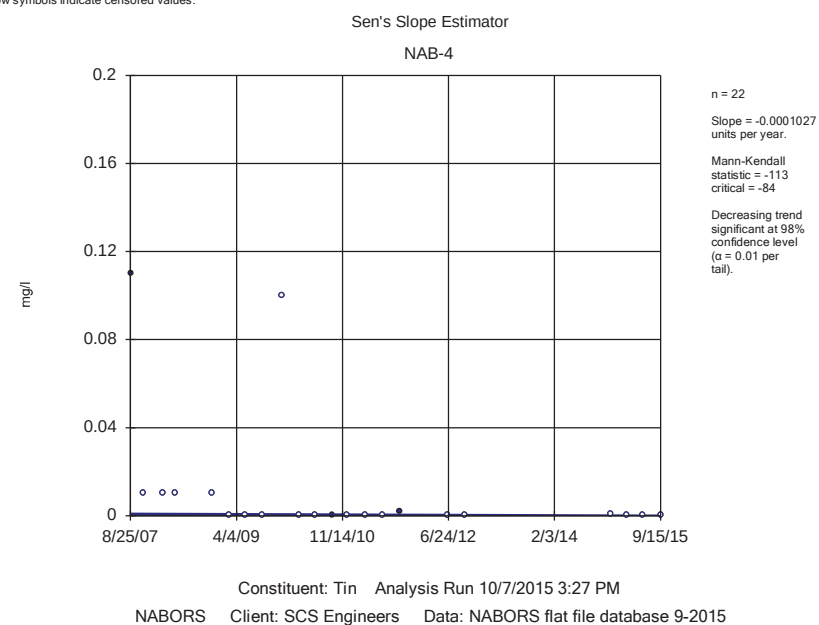
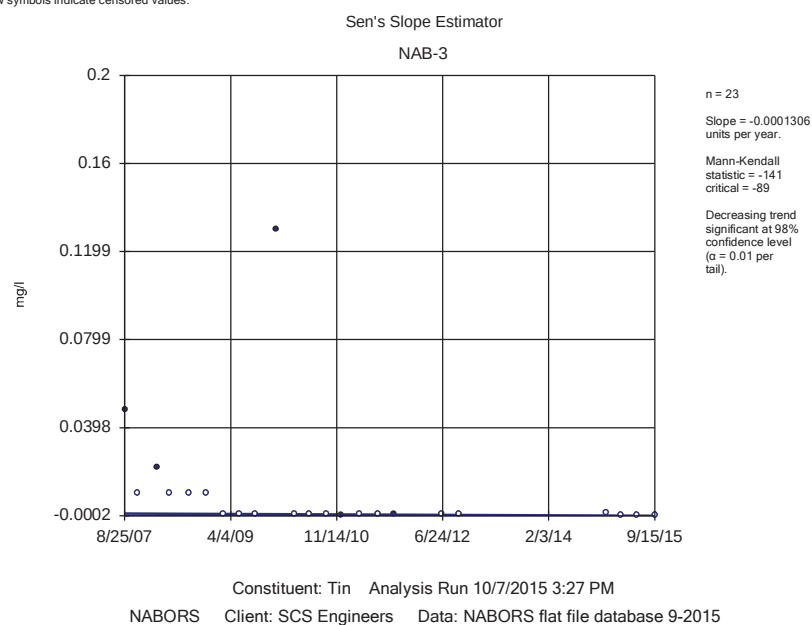
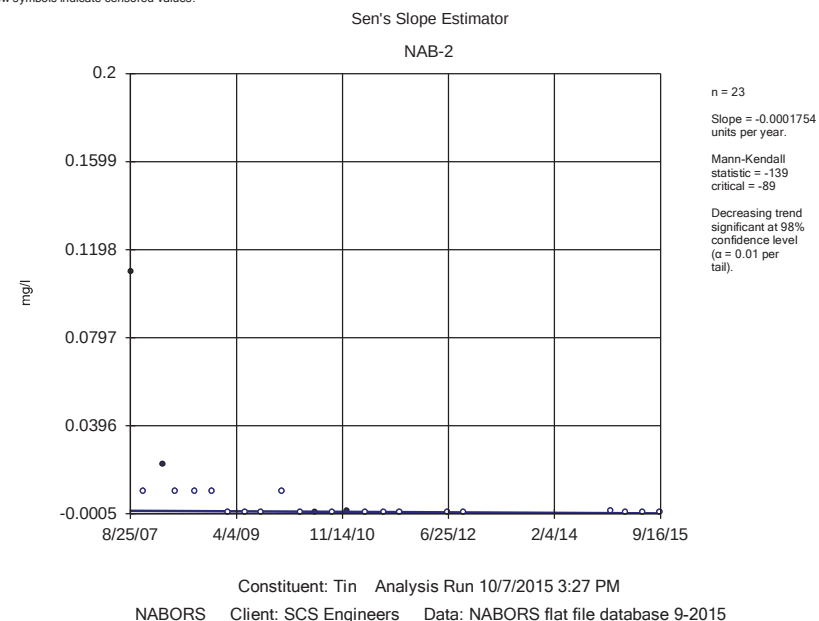
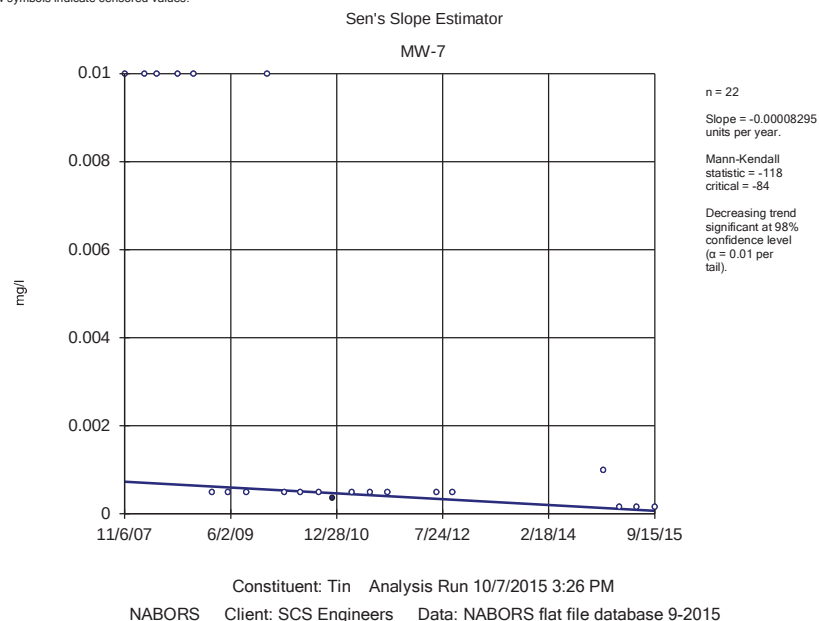


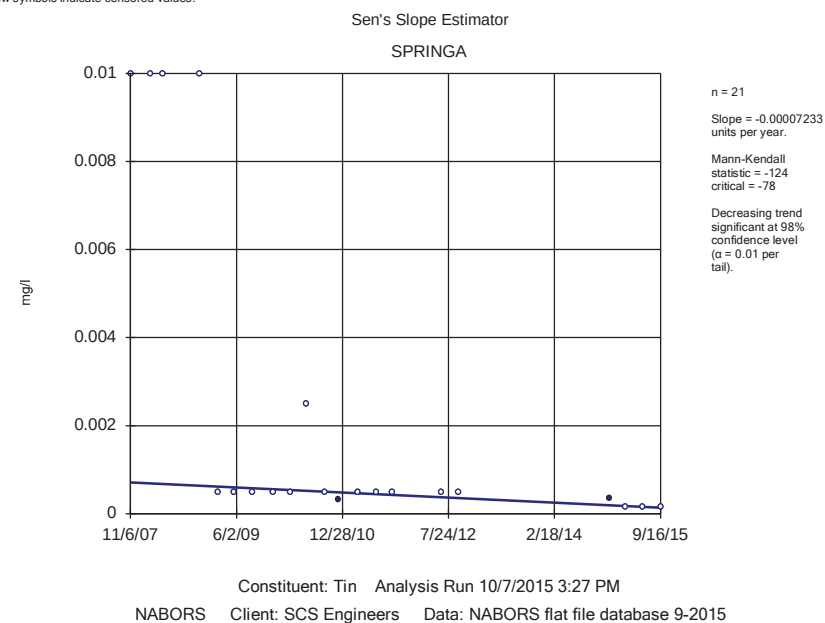
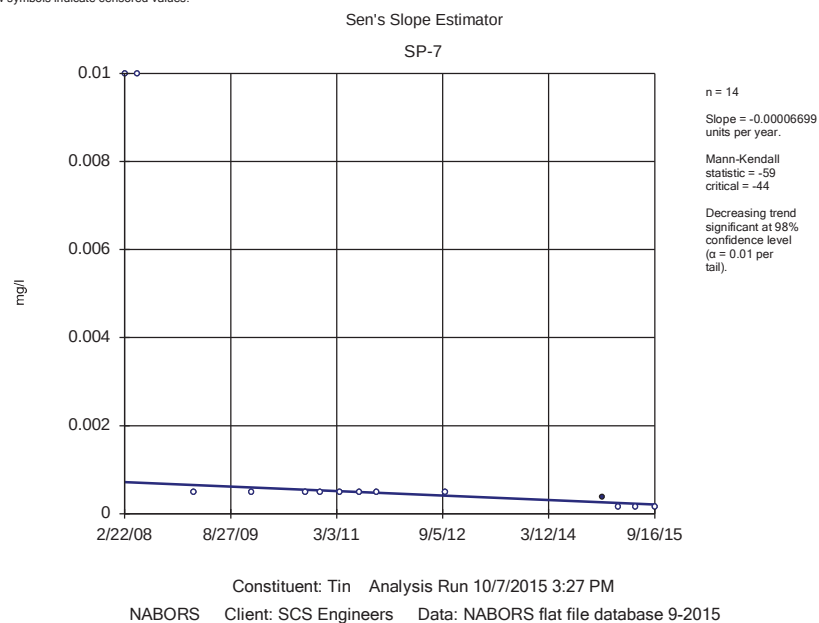
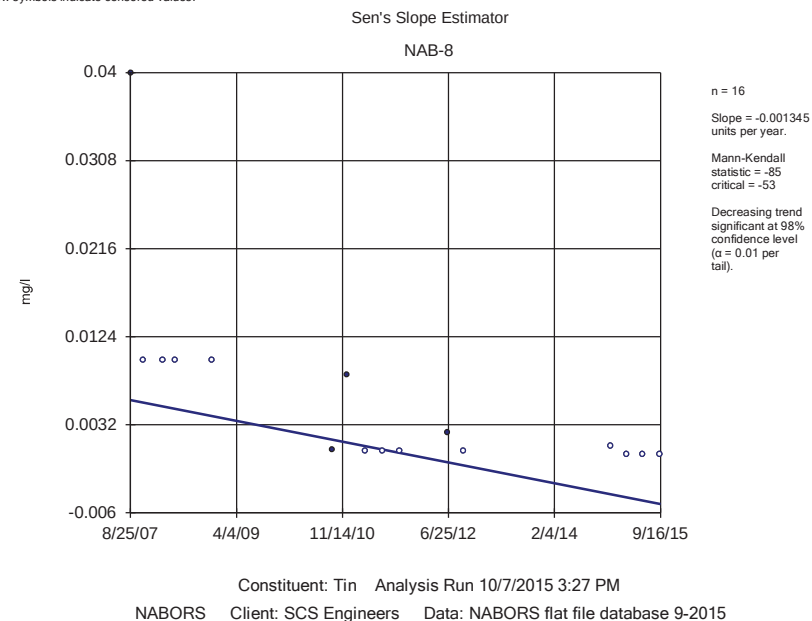
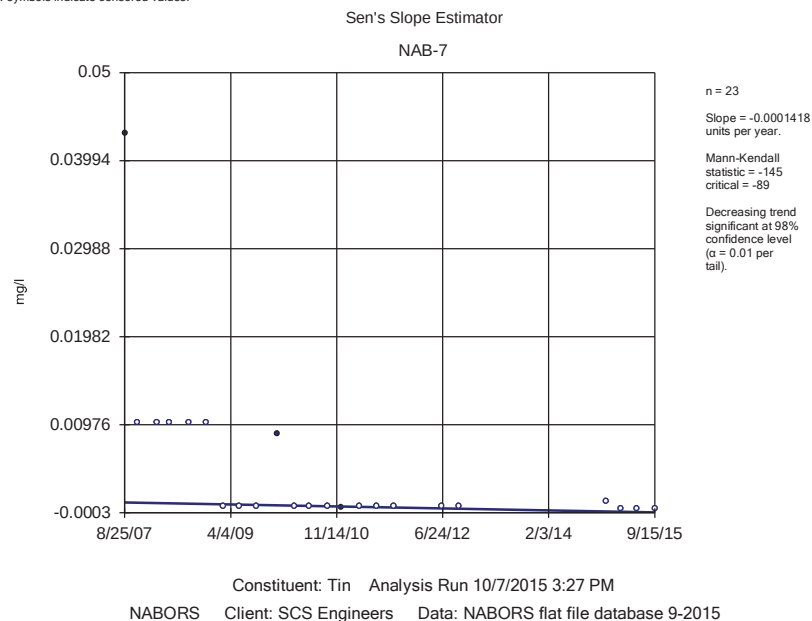


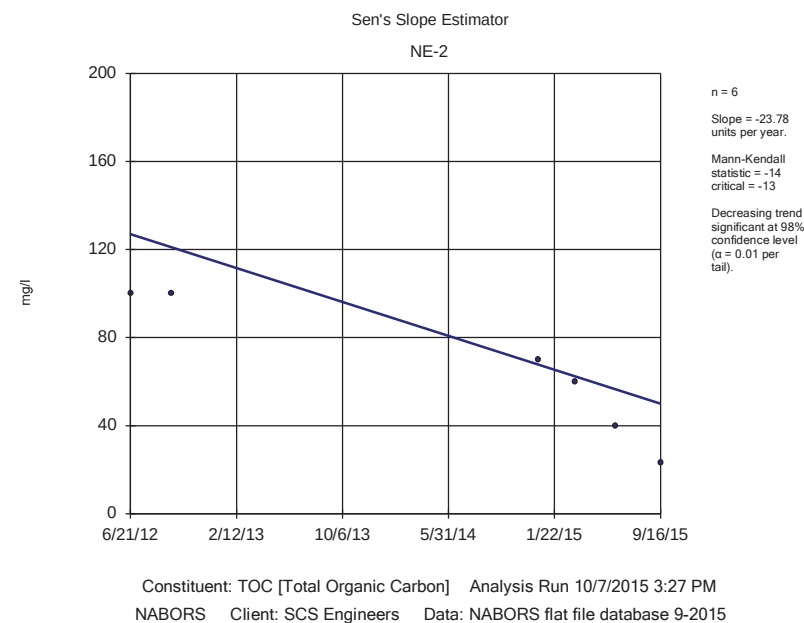
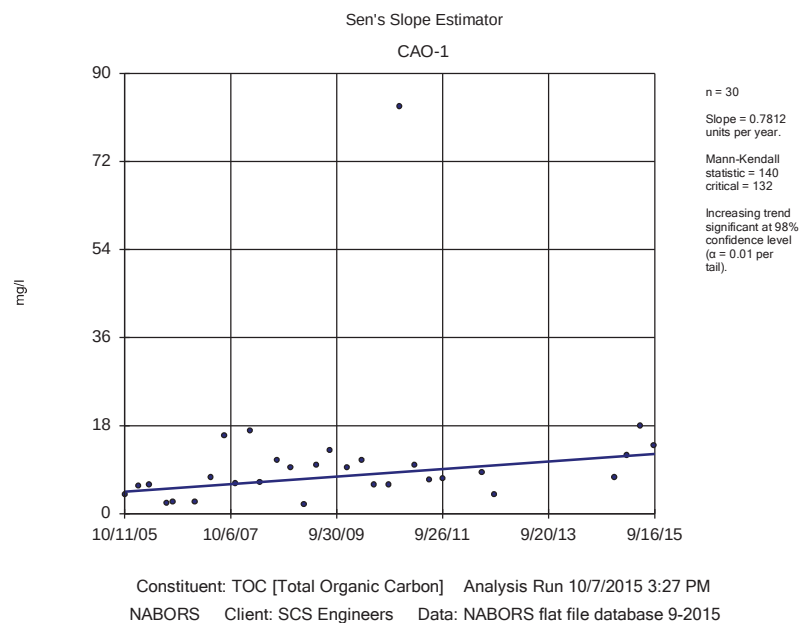
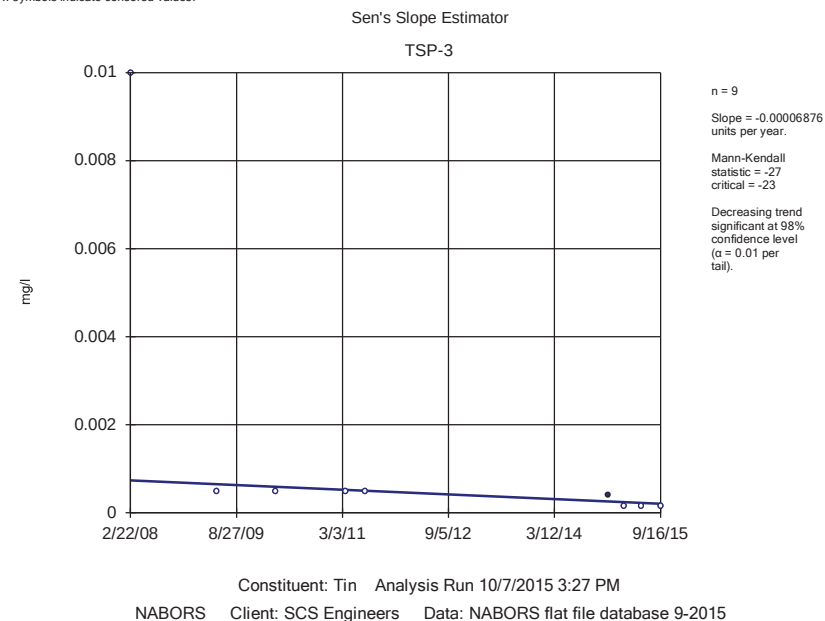
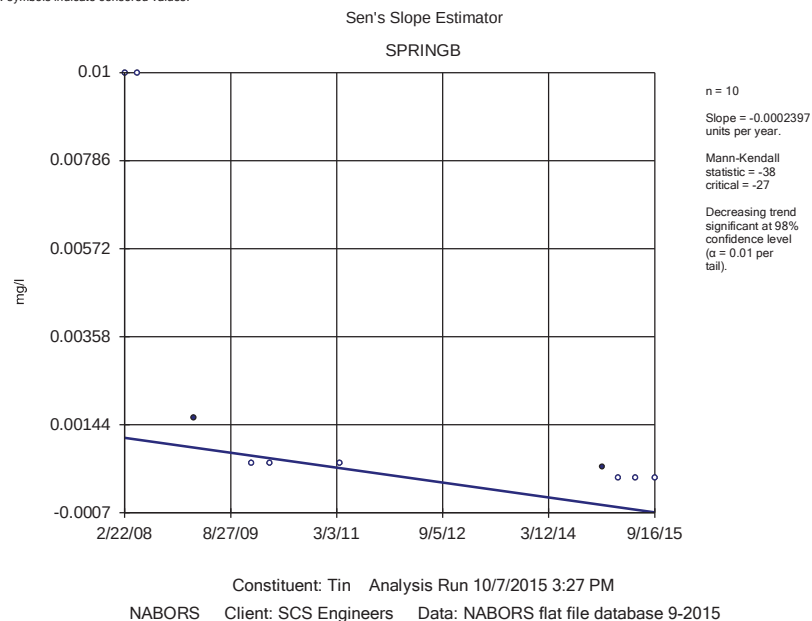


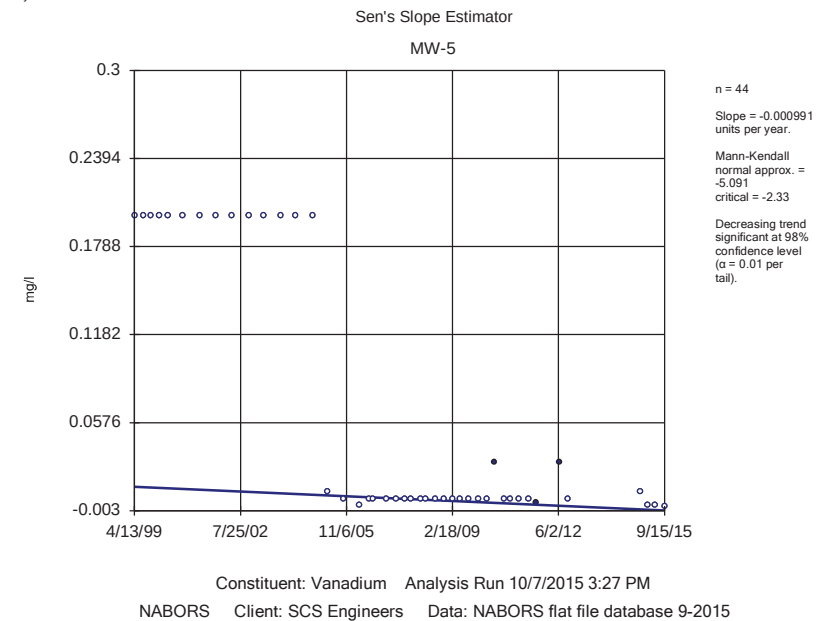
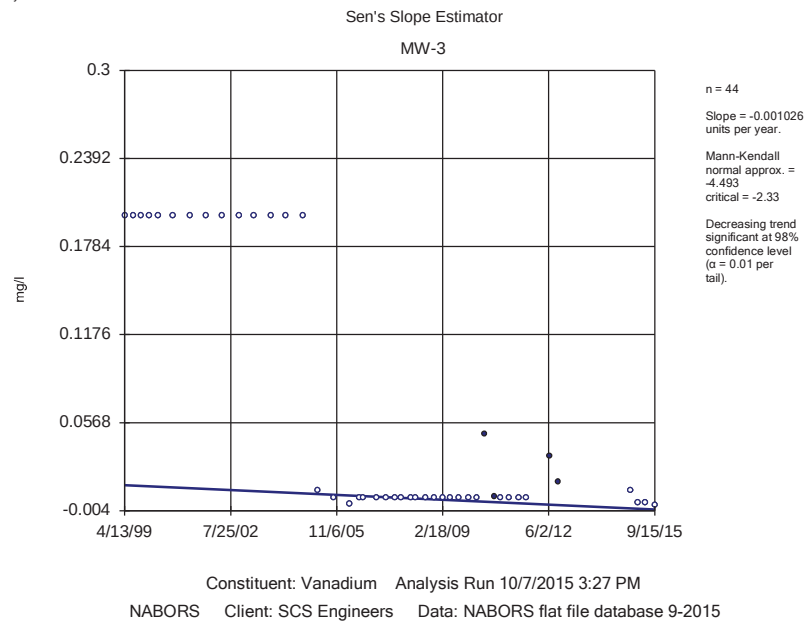
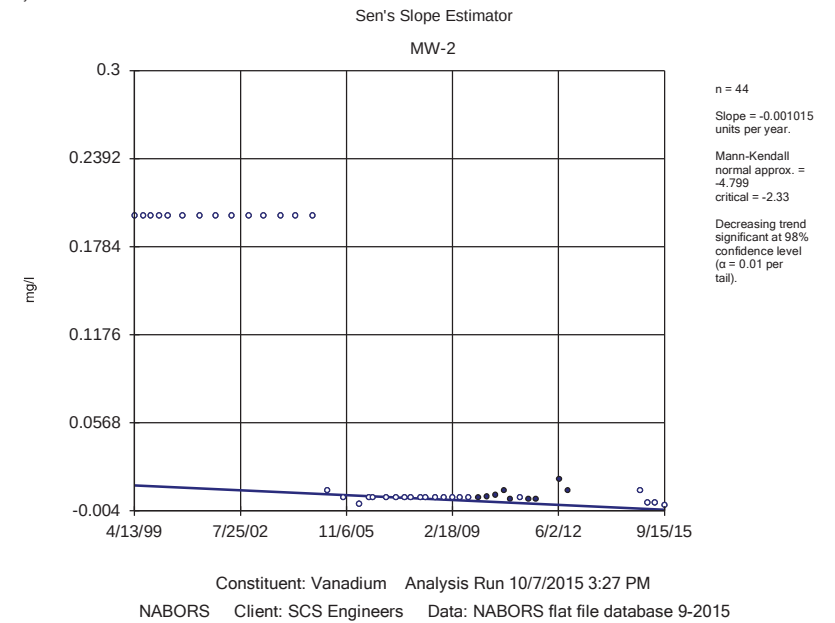
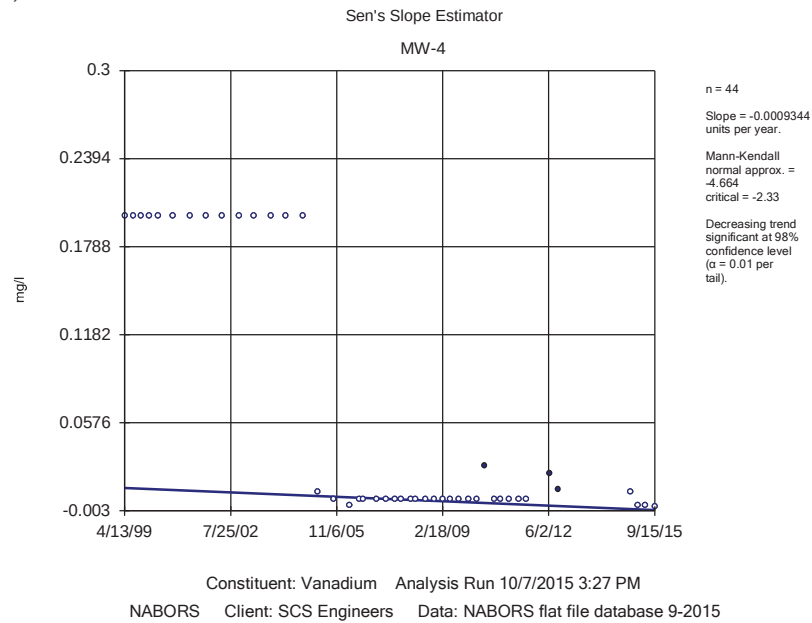


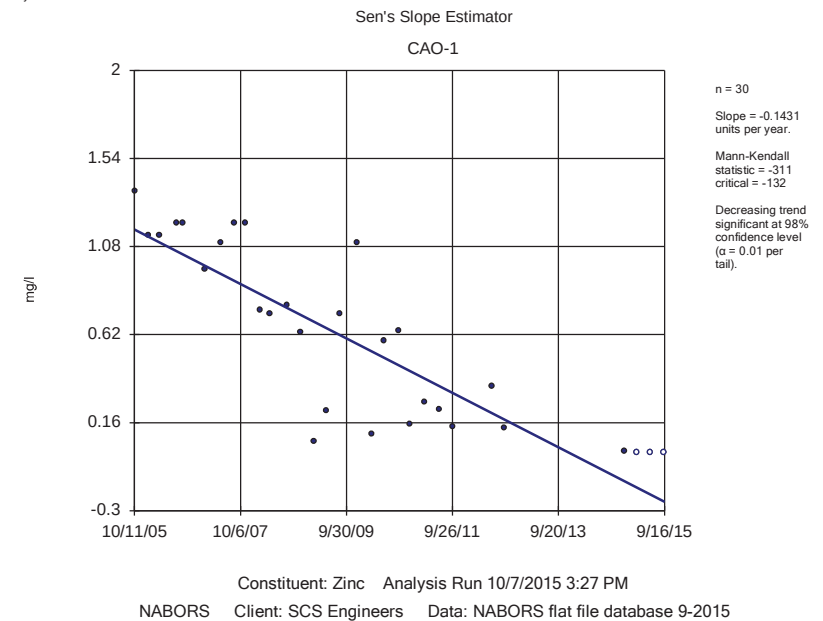
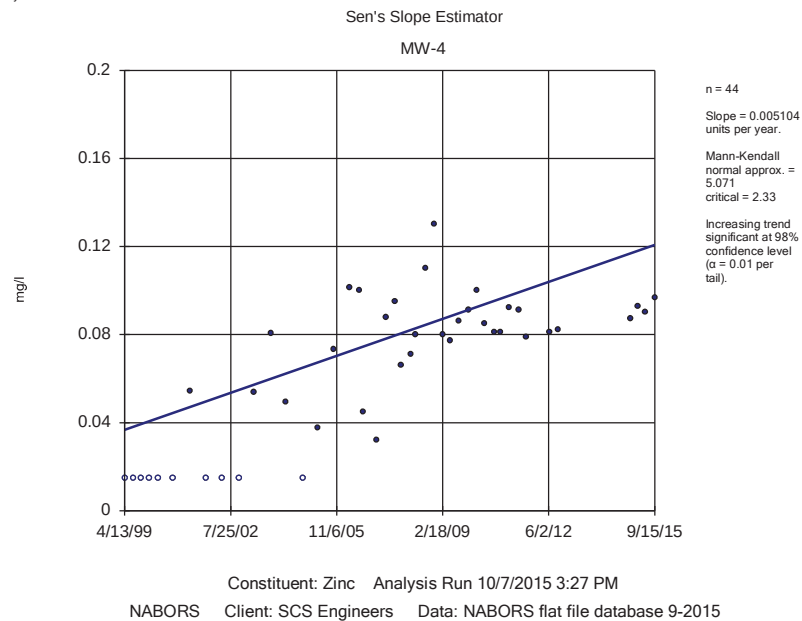
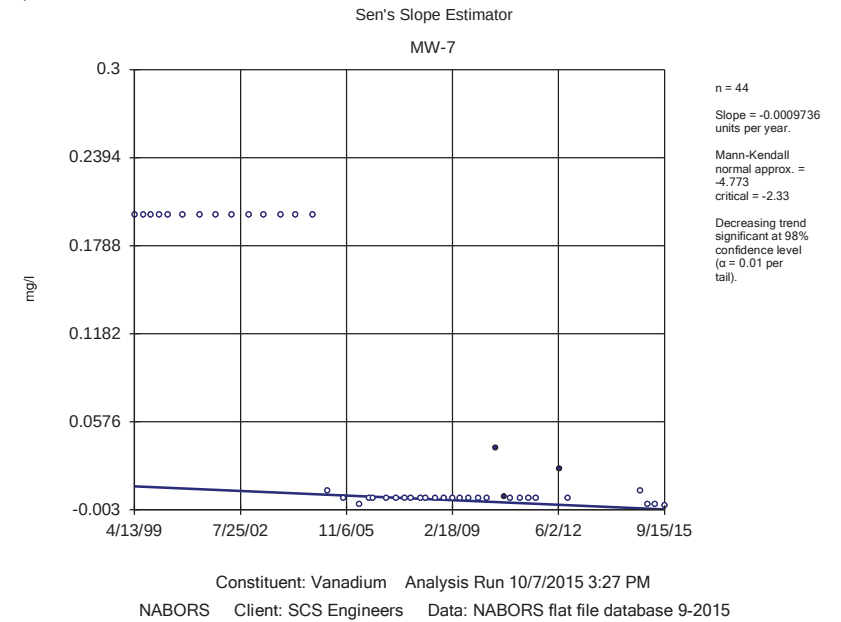
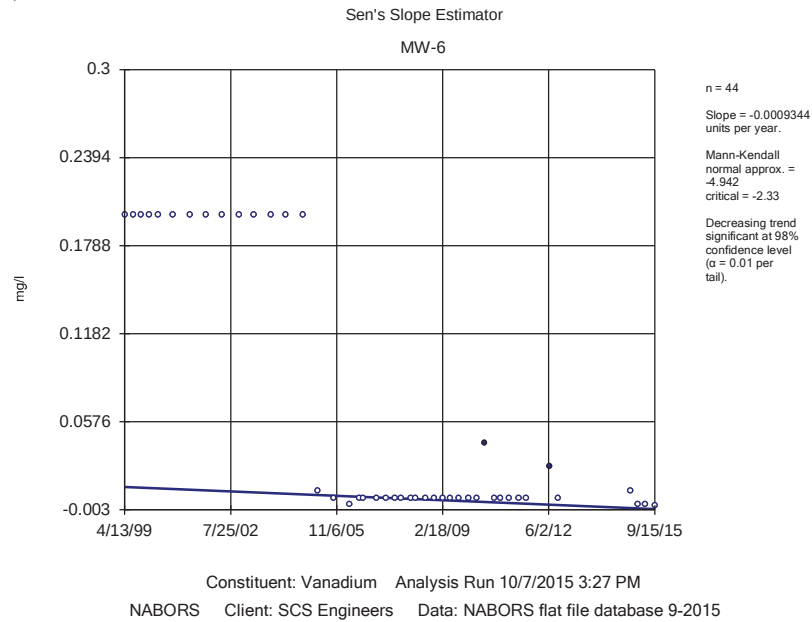


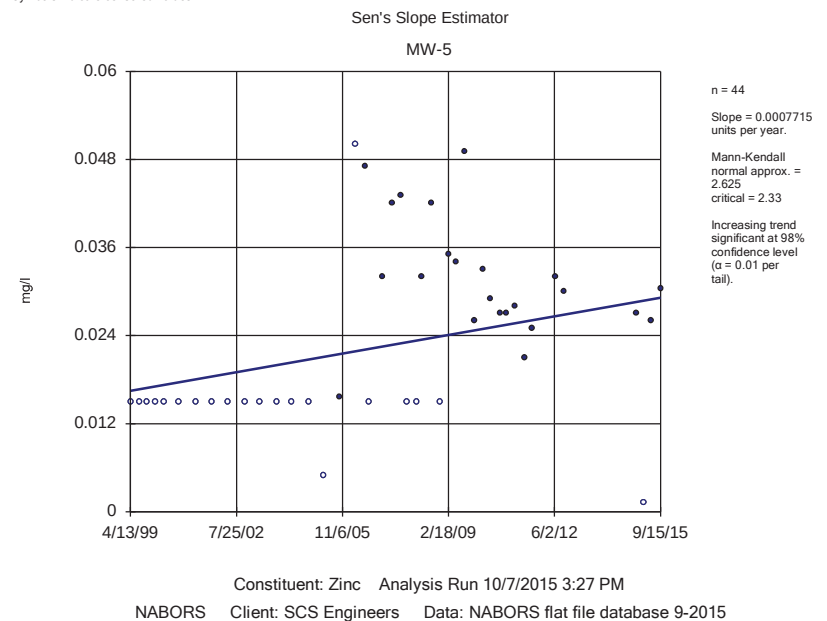
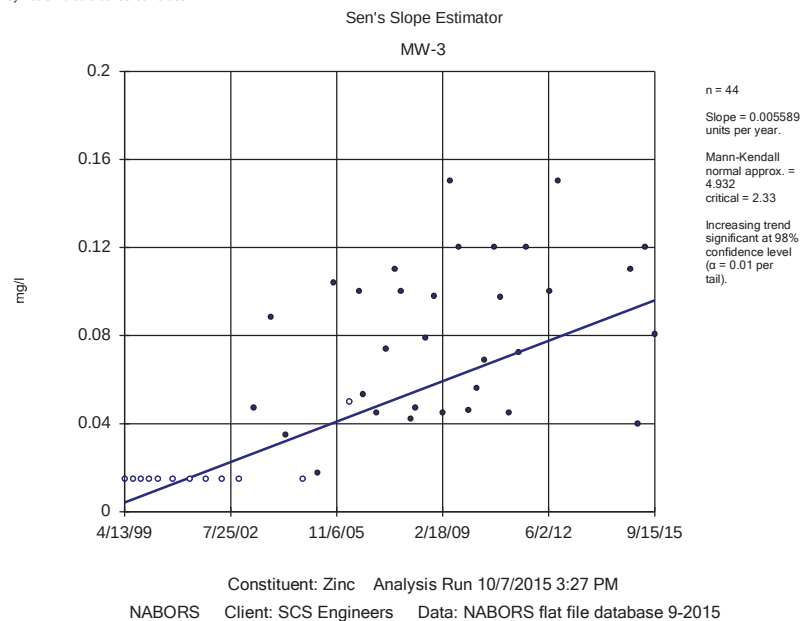
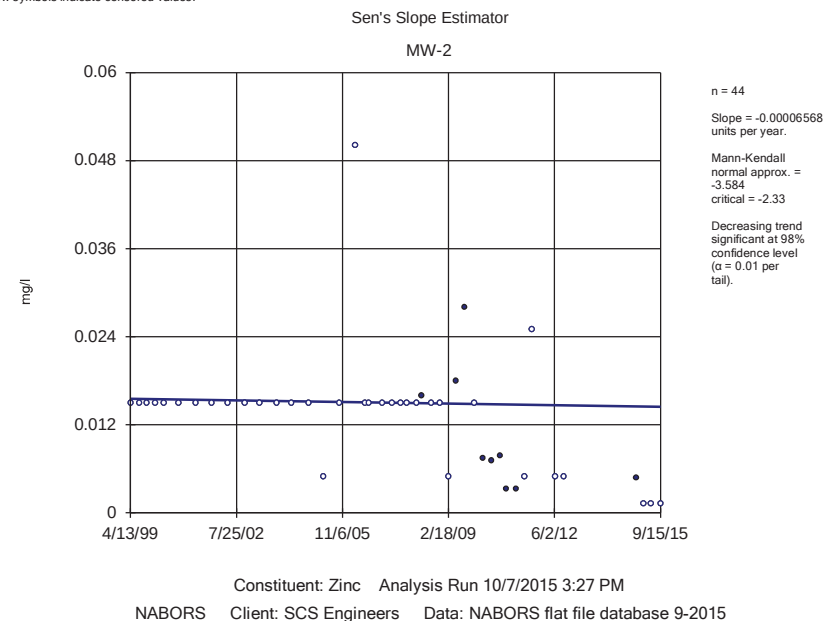
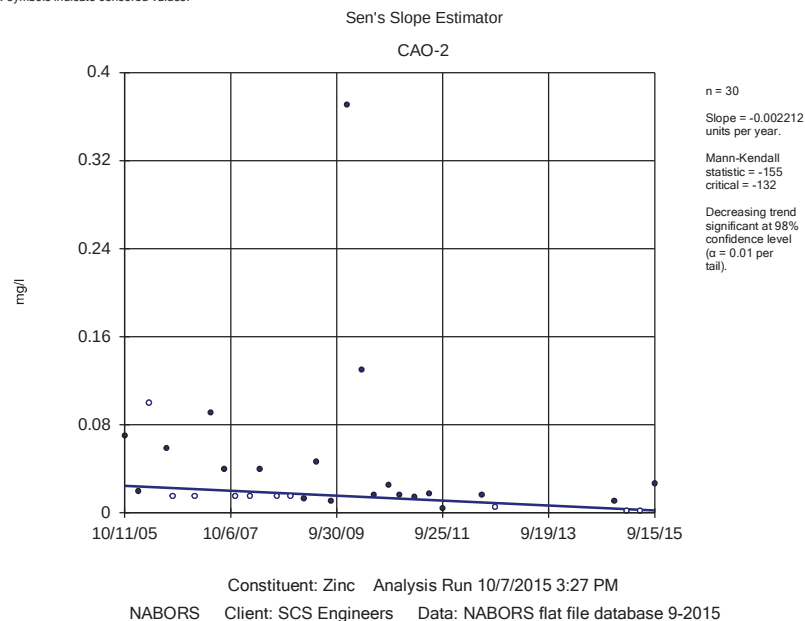


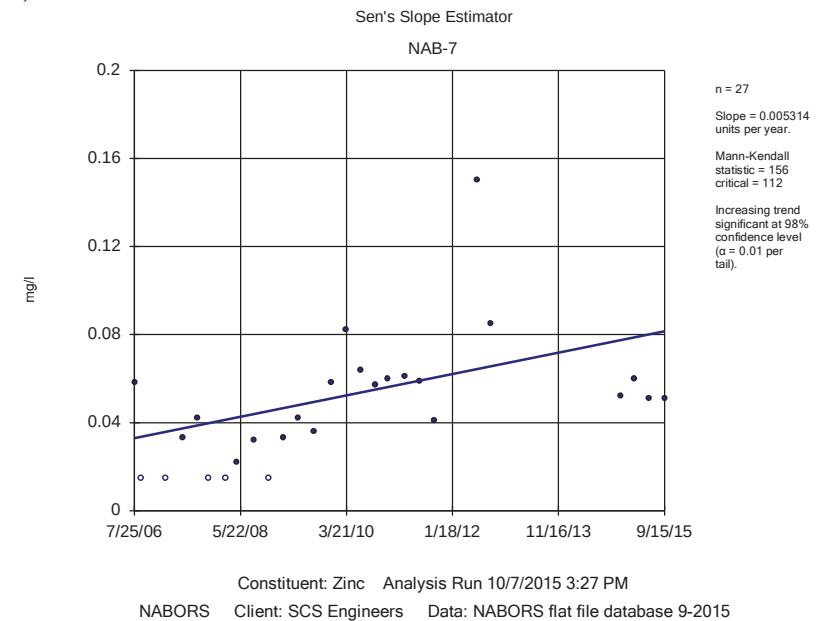
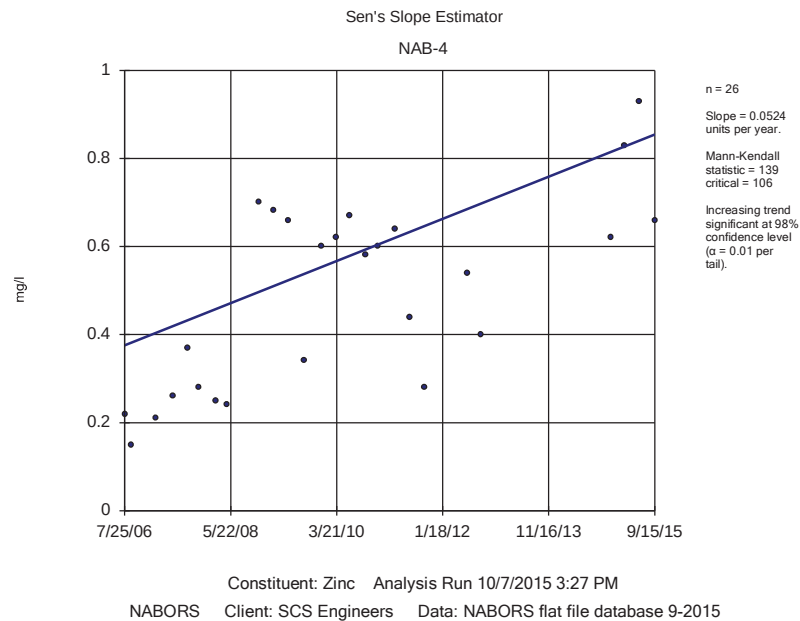
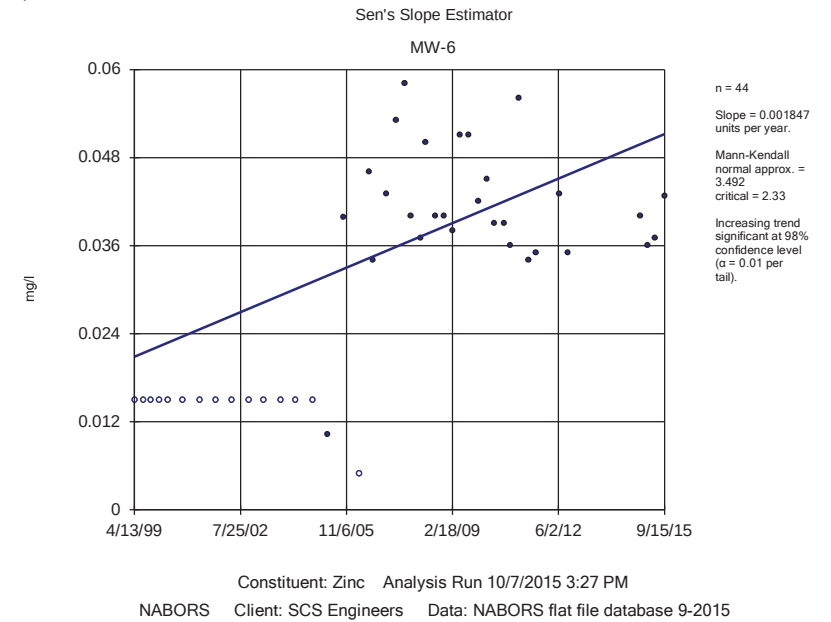
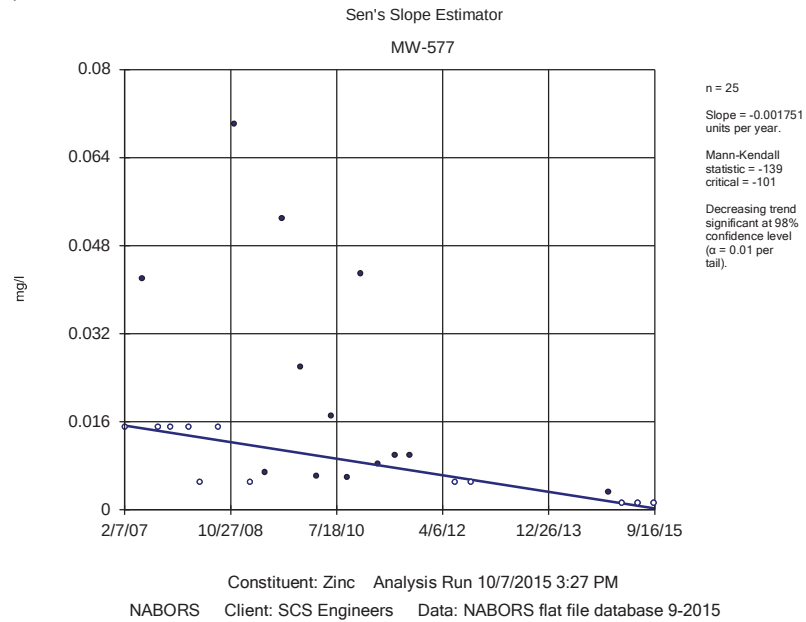


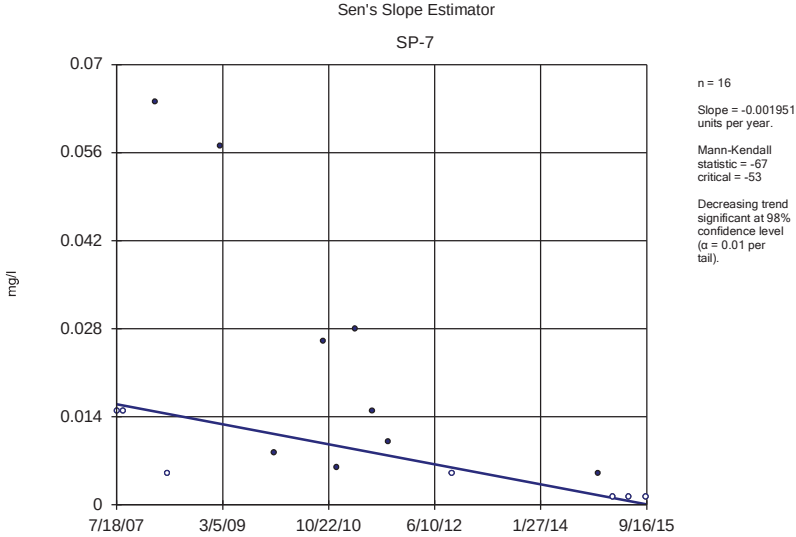












Constituent: Zinc Analysis Run 10/7/2015 3:27 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Trend Test

NABORS

Client: SCS Engineers

Data: NABORS flat file database 9-2015

Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/l)	MW-4	-0.00...	-6.405	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Antimony (mg/l)	CAO-1	0	-122	-119	Yes	28	92.86	n/a	n/a	0.02	NP
Antimony (mg/l)	CAO-2	0	-128	-119	Yes	28	92.86	n/a	n/a	0.02	NP
Antimony (mg/l)	CAO-3	0	-146	-125	Yes	29	89.66	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-2	-0.00...	-5.269	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-3	-0.00...	-6.121	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-5	-0.00...	-6.147	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-509D	0	-60	-112	No	27	88.89	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-577	0	-58	-101	No	25	80	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-6	-0.00...	-5.867	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-633D	0	-34	-112	No	27	85.19	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-689D	0	-62	-101	No	25	84	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-7	-0.00...	-6.055	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-2	0	-33	-112	No	27	85.19	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-3	0	-44	-112	No	27	92.59	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-4	-0.00...	-105	-106	No	26	57.69	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-7	0	-61	-112	No	27	77.78	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-8	0	-34	-73	No	20	90	n/a	n/a	0.02	NP
Antimony (mg/l)	SP-7	0	-8	-53	No	16	75	n/a	n/a	0.02	NP
Antimony (mg/l)	SPRINGA	0	-18	-95	No	24	83.33	n/a	n/a	0.02	NP
Antimony (mg/l)	SPRINGB	0	-1	-31	No	11	81.82	n/a	n/a	0.02	NP
Antimony (mg/l)	TSP-3	0	-1	-27	No	10	80	n/a	n/a	0.02	NP
Antimony (mg/l)	LFENTRANC...	-0.00...	0	8	No	4	50	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-1R	-0.00...	-10	-13	No	6	66.67	n/a	n/a	0.02	NP
Antimony (mg/l)	NE-2	-0.00...	-7	-13	No	6	83.33	n/a	n/a	0.02	NP
Antimony (mg/l)	NE-3	-0.00...	-7	-13	No	6	83.33	n/a	n/a	0.02	NP
Antimony (mg/l)	NE-6	0	-1	-13	No	6	66.67	n/a	n/a	0.02	NP
Antimony (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	33.33	n/a	n/a	NaN	NP
Antimony (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Antimony (mg/l)	SP-NE-3	-0.00...	-1	-8	No	4	50	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-4	-0.00...	-5.573	-2.33	Yes	44	86.36	n/a	n/a	0.02	NP
Arsenic (mg/l)	CAO-1	0.00169	127	132	No	30	3.333	n/a	n/a	0.02	NP
Arsenic (mg/l)	CAO-2	0.000...	110	132	No	30	10	n/a	n/a	0.02	NP
Arsenic (mg/l)	CAO-3	-0.00...	-177	-132	Yes	30	53.33	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-2	-0.00...	-2.578	-2.33	Yes	44	18.18	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-3	-0.00...	-4.076	-2.33	Yes	44	79.55	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-5	-0.00...	-5.394	-2.33	Yes	44	86.36	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-509D	-0.00...	-32	-112	No	27	40.74	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-577	-0.00...	-44	-101	No	25	12	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-6	-0.00...	-5.284	-2.33	Yes	44	84.09	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-633D	-0.00...	-137	-112	Yes	27	59.26	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-689D	0	11	101	No	25	48	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-7	-0.00...	-6.052	-2.33	Yes	44	77.27	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-2	0.000...	16	112	No	27	0	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-3	-0.00...	-123	-112	Yes	27	55.56	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-4	-0.00019	-35	-106	No	26	3.846	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-7	0.000548	64	112	No	27	14.81	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-8	0.000...	17	73	No	20	25	n/a	n/a	0.02	NP
Arsenic (mg/l)	SP-7	-0.00...	-3	-53	No	16	12.5	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/l)	SPRINGA	-0.00...	-88	-95	No	24	62.5	n/a	n/a	0.02	NP
Arsenic (mg/l)	SPRINGB	-0.00...	-23	-31	No	11	54.55	n/a	n/a	0.02	NP
Arsenic (mg/l)	TSP-3	-0.00...	-27	-27	No	10	60	n/a	n/a	0.02	NP
Arsenic (mg/l)	LFENTRANC...	-0.00...	-4	-8	No	4	0	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-1R	0.01264	5	13	No	6	0	n/a	n/a	0.02	NP
Arsenic (mg/l)	NE-2	-0.01215	-13	-13	No	6	0	n/a	n/a	0.02	NP
Arsenic (mg/l)	NE-3	-0.00...	-9	-13	No	6	16.67	n/a	n/a	0.02	NP
Arsenic (mg/l)	NE-6	-0.00...	-12	-13	No	6	50	n/a	n/a	0.02	NP
Arsenic (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Arsenic (mg/l)	CLASSIVDRAW	0.00401	NaN	NaN	No	3	33.33	n/a	n/a	NaN	NP
Arsenic (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
Barium (mg/l)	MW-4	0	0	2.33	No	44	29.55	n/a	n/a	0.02	NP
Barium (mg/l)	CAO-1	0.01067	177	132	Yes	30	6.667	n/a	n/a	0.02	NP
Barium (mg/l)	CAO-2	0.002213	102	132	No	30	6.667	n/a	n/a	0.02	NP
Barium (mg/l)	CAO-3	-0.00...	-34	-132	No	30	10	n/a	n/a	0.02	NP
Barium (mg/l)	MW-2	-0.00...	-2.153	-2.33	No	44	31.82	n/a	n/a	0.02	NP
Barium (mg/l)	MW-3	0.000...	2.651	2.33	Yes	44	29.55	n/a	n/a	0.02	NP
Barium (mg/l)	MW-5	0	-0.3361	-2.33	No	44	31.82	n/a	n/a	0.02	NP
Barium (mg/l)	MW-509D	0.000...	78	112	No	27	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-577	-0.00...	-73	-101	No	25	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-6	0	-0.1932	-2.33	No	44	27.27	n/a	n/a	0.02	NP
Barium (mg/l)	MW-633D	0.000...	98	112	No	27	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-689D	0.000...	84	101	No	25	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-7	-0.01559	-3.878	-2.33	Yes	44	9.091	n/a	n/a	0.02	NP
Barium (mg/l)	NAB-2	0.000...	123	112	Yes	27	0	n/a	n/a	0.02	NP
Barium (mg/l)	NAB-3	0.001645	147	112	Yes	27	0	n/a	n/a	0.02	NP
Barium (mg/l)	NAB-4	0.001702	145	106	Yes	26	0	n/a	n/a	0.02	NP
Barium (mg/l)	NAB-7	0.000...	163	112	Yes	27	0	n/a	n/a	0.02	NP
Barium (mg/l)	NAB-8	-0.00...	-34	-73	No	20	0	n/a	n/a	0.02	NP
Barium (mg/l)	SP-7	-0.00...	-18	-53	No	16	0	n/a	n/a	0.02	NP
Barium (mg/l)	SPRINGA	0.000...	28	95	No	24	0	n/a	n/a	0.02	NP
Barium (mg/l)	SPRINGB	0.004441	16	31	No	11	0	n/a	n/a	0.02	NP
Barium (mg/l)	TSP-3	0.005775	18	27	No	10	0	n/a	n/a	0.02	NP
Barium (mg/l)	LFENTRANC...	-0.01691	-4	-8	No	4	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-1R	-0.00...	-1	-13	No	6	0	n/a	n/a	0.02	NP
Barium (mg/l)	NE-2	-0.00...	-7	-13	No	6	0	n/a	n/a	0.02	NP
Barium (mg/l)	NE-3	-0.00...	-1	-13	No	6	16.67	n/a	n/a	0.02	NP
Barium (mg/l)	NE-6	-0.00...	-5	-13	No	6	0	n/a	n/a	0.02	NP
Barium (mg/l)	CLASSIDRAW	-0.04449	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Barium (mg/l)	CLASSIVDRAW	0.06607	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Barium (mg/l)	SP-NE-3	0.004779	0	8	No	4	0	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-4	-0.00...	-4.455	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Beryllium (mg/l)	CAO-1	-0.00...	-162	-132	Yes	30	86.67	n/a	n/a	0.02	NP
Beryllium (mg/l)	CAO-2	-0.00...	-136	-132	Yes	30	86.67	n/a	n/a	0.02	NP
Beryllium (mg/l)	CAO-3	-0.00...	-168	-132	Yes	30	83.33	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-2	-0.00...	-4.52	-2.33	Yes	44	95.45	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-3	-0.00...	-4.676	-2.33	Yes	44	95.45	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-5	-0.00...	-4.435	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-509D	-0.00...	-109	-112	No	27	62.96	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Beryllium (mg/l)	MW-577	-0.00...	-128	-101	Yes	25	84	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-6	-0.00...	-4.388	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-633D	-0.00...	-211	-112	Yes	27	85.19	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-689D	-0.00...	-148	-101	Yes	25	76	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-7	-0.00...	-4.609	-2.33	Yes	44	95.45	n/a	n/a	0.02	NP
Beryllium (mg/l)	NAB-2	-0.00...	-167	-112	Yes	27	96.3	n/a	n/a	0.02	NP
Beryllium (mg/l)	NAB-3	-0.00...	-175	-112	Yes	27	92.59	n/a	n/a	0.02	NP
Beryllium (mg/l)	NAB-4	-0.00...	-170	-106	Yes	26	92.31	n/a	n/a	0.02	NP
Beryllium (mg/l)	NAB-7	-0.00...	-174	-112	Yes	27	92.59	n/a	n/a	0.02	NP
Beryllium (mg/l)	NAB-8	-0.00...	-98	-73	Yes	20	90	n/a	n/a	0.02	NP
Beryllium (mg/l)	SP-7	-0.00...	-82	-53	Yes	16	81.25	n/a	n/a	0.02	NP
Beryllium (mg/l)	SPRINGA	-0.00...	-165	-95	Yes	24	91.67	n/a	n/a	0.02	NP
Beryllium (mg/l)	SPRINGB	-0.00...	-41	-31	Yes	11	90.91	n/a	n/a	0.02	NP
Beryllium (mg/l)	TSP-3	-0.00...	-35	-27	Yes	10	90	n/a	n/a	0.02	NP
Beryllium (mg/l)	LFENTRANC...	-0.00...	-5	-8	No	4	75	n/a	n/a	0.02	NP
Beryllium (mg/l)	MW-1R	-0.00...	-12	-13	No	6	66.67	n/a	n/a	0.02	NP
Beryllium (mg/l)	NE-2	-0.00...	-11	-13	No	6	83.33	n/a	n/a	0.02	NP
Beryllium (mg/l)	NE-3	-0.00...	-11	-13	No	6	83.33	n/a	n/a	0.02	NP
Beryllium (mg/l)	NE-6	-0.00...	-11	-13	No	6	83.33	n/a	n/a	0.02	NP
Beryllium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beryllium (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Beryllium (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-4	-0.00...	-2.897	-2.33	Yes	44	65.91	n/a	n/a	0.02	NP
Cadmium (mg/l)	CAO-1	-0.00...	-229	-132	Yes	30	76.67	n/a	n/a	0.02	NP
Cadmium (mg/l)	CAO-2	-0.00...	-129	-132	No	30	80	n/a	n/a	0.02	NP
Cadmium (mg/l)	CAO-3	-0.00...	-167	-132	Yes	30	60	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-2	-0.00...	-2.663	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-3	0.000...	1.751	2.33	No	44	59.09	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-5	-0.00...	-2.964	-2.33	Yes	44	88.64	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-509D	0.000655	166	112	Yes	27	25.93	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-577	-0.00...	-169	-101	Yes	25	80	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-6	-0.00...	-3.131	-2.33	Yes	44	84.09	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-633D	-0.00...	-104	-112	No	27	37.04	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-689D	-0.00...	-175	-101	Yes	25	80	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-7	-0.00...	-2.878	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Cadmium (mg/l)	NAB-2	-0.00...	-193	-112	Yes	27	96.3	n/a	n/a	0.02	NP
Cadmium (mg/l)	NAB-3	-0.00...	-156	-112	Yes	27	62.96	n/a	n/a	0.02	NP
Cadmium (mg/l)	NAB-4	-0.00...	-73	-106	No	26	34.62	n/a	n/a	0.02	NP
Cadmium (mg/l)	NAB-7	-0.00...	-215	-112	Yes	27	85.19	n/a	n/a	0.02	NP
Cadmium (mg/l)	NAB-8	-0.00...	-120	-73	Yes	20	85	n/a	n/a	0.02	NP
Cadmium (mg/l)	SP-7	-0.00...	-78	-53	Yes	16	93.75	n/a	n/a	0.02	NP
Cadmium (mg/l)	SPRINGA	-0.00...	-172	-95	Yes	24	58.33	n/a	n/a	0.02	NP
Cadmium (mg/l)	SPRINGB	-0.00...	-31	-31	No	11	90.91	n/a	n/a	0.02	NP
Cadmium (mg/l)	TSP-3	-0.00...	-30	-27	Yes	10	90	n/a	n/a	0.02	NP
Cadmium (mg/l)	LFENTRANC...	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-1R	-0.00119	-12	-13	No	6	50	n/a	n/a	0.02	NP
Cadmium (mg/l)	NE-2	-0.00...	-8	-13	No	6	66.67	n/a	n/a	0.02	NP
Cadmium (mg/l)	NE-3	-0.00...	-12	-13	No	6	50	n/a	n/a	0.02	NP
Cadmium (mg/l)	NE-6	-0.00...	-12	-13	No	6	50	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cadmium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	33.33	n/a	n/a	NaN	NP
Cadmium (mg/l)	CLASSIVDRAW	0.003623	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Cadmium (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-4	0.1318	2.787	2.33	Yes	43	2.326	n/a	n/a	0.02	NP
Chloride (mg/l)	CAO-1	5.643	149	125	Yes	29	0	n/a	n/a	0.02	NP
Chloride (mg/l)	CAO-2	0.398	45	125	No	29	0	n/a	n/a	0.02	NP
Chloride (mg/l)	CAO-3	0.3486	96	125	No	29	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-2	0.1459	1.593	2.33	No	43	2.326	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-3	-0.3005	-3.665	-2.33	Yes	43	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-5	0.1232	4.165	2.33	Yes	43	2.326	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-509D	0.365	193	106	Yes	26	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-577	0.1034	108	95	Yes	24	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-6	0.144	0.9216	2.33	No	43	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-633D	0.2359	98	106	No	26	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-689D	0.1544	91	95	No	24	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-7	-0.3373	-3.979	-2.33	Yes	43	4.651	n/a	n/a	0.02	NP
Chloride (mg/l)	NAB-2	0.2409	173	106	Yes	26	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NAB-3	0.2984	133	106	Yes	26	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NAB-4	0.03989	23	101	No	25	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NAB-7	0.1557	114	106	Yes	26	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NAB-8	0.0394	39	68	No	19	0	n/a	n/a	0.02	NP
Chloride (mg/l)	SP-7	1.391	75	48	Yes	15	0	n/a	n/a	0.02	NP
Chloride (mg/l)	SPRINGA	0.2505	65	89	No	23	0	n/a	n/a	0.02	NP
Chloride (mg/l)	SPRINGB	12.29	38	27	Yes	10	0	n/a	n/a	0.02	NP
Chloride (mg/l)	TSP-3	0.4112	26	23	Yes	9	0	n/a	n/a	0.02	NP
Chloride (mg/l)	LFENTRANC...	0.7096	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Chloride (mg/l)	MW-1R	27.36	8	10	No	5	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NE-2	-9.921	-10	-10	No	5	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NE-3	1.438	8	10	No	5	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NE-6	0.1061	7	10	No	5	0	n/a	n/a	0.02	NP
Chloride (mg/l)	CLASSIDRAW	32.03	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Chloride (mg/l)	CLASSIVDRAW	2.235	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Chloride (mg/l)	SP-NE-3	17.77	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Chromium (mg/l)	MW-4	0	-2.147	-2.33	No	44	86.36	n/a	n/a	0.02	NP
Chromium (mg/l)	CAO-1	0	-45	-132	No	30	70	n/a	n/a	0.02	NP
Chromium (mg/l)	CAO-2	0	-32	-132	No	30	80	n/a	n/a	0.02	NP
Chromium (mg/l)	CAO-3	0	-84	-132	No	30	83.33	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-2	0	-1.963	-2.33	No	44	88.64	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-3	0	-1.915	-2.33	No	44	90.91	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-5	0	-1.691	-2.33	No	44	90.91	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-509D	0	29	112	No	27	62.96	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-577	0	-84	-101	No	25	84	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-6	0	-1.659	-2.33	No	44	90.91	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-633D	0	-78	-112	No	27	88.89	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-689D	0	-52	-101	No	25	72	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-7	0	-1.414	-2.33	No	44	95.45	n/a	n/a	0.02	NP
Chromium (mg/l)	NAB-2	0	-112	-112	No	27	88.89	n/a	n/a	0.02	NP
Chromium (mg/l)	NAB-3	0	-88	-112	No	27	88.89	n/a	n/a	0.02	NP
Chromium (mg/l)	NAB-4	0	-85	-106	No	26	80.77	n/a	n/a	0.02	NP

Trend Test

NABORS

Client: SCS Engineers

Data: NABORS flat file database 9-2015

Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Chromium (mg/l)	NAB-7	0	-77	-112	No	27	96.3	n/a	n/a	0.02	NP
Chromium (mg/l)	NAB-8	-0.00...	-74	-73	Yes	20	70	n/a	n/a	0.02	NP
Chromium (mg/l)	SP-7	0	-41	-53	No	16	100	n/a	n/a	0.02	NP
Chromium (mg/l)	SPRINGA	0	-65	-95	No	24	100	n/a	n/a	0.02	NP
Chromium (mg/l)	SPRINGB	-0.00...	-29	-31	No	11	90.91	n/a	n/a	0.02	NP
Chromium (mg/l)	TSP-3	-0.00...	-23	-27	No	10	90	n/a	n/a	0.02	NP
Chromium (mg/l)	LFENTRANC...	-0.00153	-6	-8	No	4	75	n/a	n/a	0.02	NP
Chromium (mg/l)	MW-1R	-0.00...	-14	-13	Yes	6	66.67	n/a	n/a	0.02	NP
Chromium (mg/l)	NE-2	-0.00157	-9	-13	No	6	83.33	n/a	n/a	0.02	NP
Chromium (mg/l)	NE-3	-0.00...	-14	-13	Yes	6	66.67	n/a	n/a	0.02	NP
Chromium (mg/l)	NE-6	-0.00...	-11	-13	No	6	100	n/a	n/a	0.02	NP
Chromium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Chromium (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Chromium (mg/l)	SP-NE-3	-0.00...	-5	-8	No	4	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-4	-0.00...	-5.695	-2.33	Yes	44	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	CAO-1	-0.00...	-172	-132	Yes	30	0	n/a	n/a	0.02	NP
Cobalt (mg/l)	CAO-2	-0.00...	-171	-132	Yes	30	73.33	n/a	n/a	0.02	NP
Cobalt (mg/l)	CAO-3	0	-152	-132	Yes	30	96.67	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-2	-0.00...	-5.704	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-3	-0.00...	-5.104	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-5	-0.00...	-5.681	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-509D	0	-71	-112	No	27	77.78	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-577	0	-68	-101	No	25	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-6	-0.00...	-5.695	-2.33	Yes	44	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-633D	0	-63	-112	No	27	96.3	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-689D	0	-114	-101	Yes	25	80	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-7	-0.00...	-4.446	-2.33	Yes	44	84.09	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-2	0	-79	-112	No	27	96.3	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-3	0	-104	-112	No	27	88.89	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-4	0	-90	-106	No	26	92.31	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-7	0	-74	-112	No	27	85.19	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-8	0	-49	-73	No	20	95	n/a	n/a	0.02	NP
Cobalt (mg/l)	SP-7	0	-40	-53	No	16	87.5	n/a	n/a	0.02	NP
Cobalt (mg/l)	SPRINGA	0	-65	-95	No	24	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	SPRINGB	-0.00...	-32	-31	Yes	11	72.73	n/a	n/a	0.02	NP
Cobalt (mg/l)	TSP-3	-0.00...	-23	-27	No	10	80	n/a	n/a	0.02	NP
Cobalt (mg/l)	LFENTRANC...	-0.00...	-4	-8	No	4	75	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-1R	-0.02593	-7	-13	No	6	0	n/a	n/a	0.02	NP
Cobalt (mg/l)	NE-2	-0.00...	-9	-13	No	6	66.67	n/a	n/a	0.02	NP
Cobalt (mg/l)	NE-3	-0.00365	-13	-13	No	6	83.33	n/a	n/a	0.02	NP
Cobalt (mg/l)	NE-6	-0.00...	-11	-13	No	6	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cobalt (mg/l)	CLASSIVDRAW	0.001266	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Cobalt (mg/l)	SP-NE-3	-0.00...	-5	-8	No	4	100	n/a	n/a	0.02	NP
Copper (mg/l)	MW-4	-0.00...	-3.055	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Copper (mg/l)	CAO-1	-0.00...	-123	-132	No	30	73.33	n/a	n/a	0.02	NP
Copper (mg/l)	CAO-2	-0.00...	-143	-132	Yes	30	70	n/a	n/a	0.02	NP
Copper (mg/l)	CAO-3	-0.00...	-101	-132	No	30	66.67	n/a	n/a	0.02	NP
Copper (mg/l)	MW-2	-0.00...	-2.436	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Copper (mg/l)	MW-3	-0.00...	-2.772	-2.33	Yes	44	95.45	n/a	n/a	0.02	NP
Copper (mg/l)	MW-5	-0.00...	-2.811	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Copper (mg/l)	MW-509D	-0.00...	-60	-112	No	27	59.26	n/a	n/a	0.02	NP
Copper (mg/l)	MW-577	-0.00...	-142	-101	Yes	25	68	n/a	n/a	0.02	NP
Copper (mg/l)	MW-6	-0.00...	-2.363	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Copper (mg/l)	MW-633D	-0.00...	-137	-112	Yes	27	81.48	n/a	n/a	0.02	NP
Copper (mg/l)	MW-689D	-0.00...	-83	-101	No	25	68	n/a	n/a	0.02	NP
Copper (mg/l)	MW-7	-0.00...	-2.736	-2.33	Yes	44	84.09	n/a	n/a	0.02	NP
Copper (mg/l)	NAB-2	-0.00...	-158	-112	Yes	27	81.48	n/a	n/a	0.02	NP
Copper (mg/l)	NAB-3	-0.00...	-137	-112	Yes	27	59.26	n/a	n/a	0.02	NP
Copper (mg/l)	NAB-4	-0.00...	-160	-106	Yes	26	73.08	n/a	n/a	0.02	NP
Copper (mg/l)	NAB-7	-0.00...	-150	-112	Yes	27	92.59	n/a	n/a	0.02	NP
Copper (mg/l)	NAB-8	-0.00104	-115	-73	Yes	20	65	n/a	n/a	0.02	NP
Copper (mg/l)	SP-7	-0.00...	-86	-53	Yes	16	56.25	n/a	n/a	0.02	NP
Copper (mg/l)	SPRINGA	-0.00...	-117	-95	Yes	24	91.67	n/a	n/a	0.02	NP
Copper (mg/l)	SPRINGB	-0.00...	-32	-31	Yes	11	72.73	n/a	n/a	0.02	NP
Copper (mg/l)	TSP-3	-0.00...	-29	-27	Yes	10	60	n/a	n/a	0.02	NP
Copper (mg/l)	LFENTRANC...	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
Copper (mg/l)	MW-1R	-0.00...	-10	-13	No	6	66.67	n/a	n/a	0.02	NP
Copper (mg/l)	NE-2	-0.00...	-8	-13	No	6	50	n/a	n/a	0.02	NP
Copper (mg/l)	NE-3	-0.00...	-12	-13	No	6	66.67	n/a	n/a	0.02	NP
Copper (mg/l)	NE-6	-0.00...	-7	-13	No	6	100	n/a	n/a	0.02	NP
Copper (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Copper (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Copper (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-4	-0.00...	-39	-39	No	13	92.31	n/a	n/a	0.02	NP
Cyanide (mg/l)	CAO-1	-0.00...	-31	-39	No	13	84.62	n/a	n/a	0.02	NP
Cyanide (mg/l)	CAO-2	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	CAO-3	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-2	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-3	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-5	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-509D	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-577	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-6	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-633D	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-689D	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-7	-0.00...	-39	-39	No	13	92.31	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-2	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-3	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-4	-0.00...	-39	-39	No	13	92.31	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-7	0	-30	-39	No	13	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-8	0	-6	-31	No	11	90.91	n/a	n/a	0.02	NP
Cyanide (mg/l)	SP-7	0	-21	-27	No	10	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	SPRINGA	-0.00...	-35	-35	No	12	91.67	n/a	n/a	0.02	NP
Cyanide (mg/l)	SPRINGB	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	TSP-3	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	LFENTRANC...	-0.00...	-4	-8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-1R	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Cyanide (mg/l)	NE-2	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NE-3	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NE-6	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	100	n/a	n/a	0.02	NP
Iron (mg/l)	MW-4	-0.00...	-1.483	-2.33	No	44	59.09	n/a	n/a	0.02	NP
Iron (mg/l)	CAO-1	3.059	245	132	Yes	30	0	n/a	n/a	0.02	NP
Iron (mg/l)	CAO-2	0.005071	23	132	No	30	26.67	n/a	n/a	0.02	NP
Iron (mg/l)	CAO-3	0	8	132	No	30	40	n/a	n/a	0.02	NP
Iron (mg/l)	MW-2	0	-0.3135	-2.33	No	44	63.64	n/a	n/a	0.02	NP
Iron (mg/l)	MW-3	0	1.332	2.33	No	44	59.09	n/a	n/a	0.02	NP
Iron (mg/l)	MW-5	0.000...	2.287	2.33	No	44	61.36	n/a	n/a	0.02	NP
Iron (mg/l)	MW-509D	0.0869	125	112	Yes	27	33.33	n/a	n/a	0.02	NP
Iron (mg/l)	MW-577	-0.00...	-7	-101	No	25	12	n/a	n/a	0.02	NP
Iron (mg/l)	MW-6	0	0.7351	2.33	No	44	68.18	n/a	n/a	0.02	NP
Iron (mg/l)	MW-633D	0.009707	93	112	No	27	51.85	n/a	n/a	0.02	NP
Iron (mg/l)	MW-689D	0.03709	66	101	No	25	16	n/a	n/a	0.02	NP
Iron (mg/l)	MW-7	0	0.03092	2.33	No	44	52.27	n/a	n/a	0.02	NP
Iron (mg/l)	NAB-2	0.02303	114	112	Yes	27	37.04	n/a	n/a	0.02	NP
Iron (mg/l)	NAB-3	0.02471	148	112	Yes	27	40.74	n/a	n/a	0.02	NP
Iron (mg/l)	NAB-4	0	4	106	No	26	50	n/a	n/a	0.02	NP
Iron (mg/l)	NAB-7	0.0291	142	112	Yes	27	44.44	n/a	n/a	0.02	NP
Iron (mg/l)	NAB-8	0.000...	15	73	No	20	40	n/a	n/a	0.02	NP
Iron (mg/l)	SP-7	-0.1862	-16	-53	No	16	0	n/a	n/a	0.02	NP
Iron (mg/l)	SPRINGA	-0.07041	-128	-95	Yes	24	12.5	n/a	n/a	0.02	NP
Iron (mg/l)	SPRINGB	-0.00...	-9	-31	No	11	27.27	n/a	n/a	0.02	NP
Iron (mg/l)	TSP-3	0.000...	4	27	No	10	30	n/a	n/a	0.02	NP
Iron (mg/l)	LFENTRANC...	-2.895	-4	-8	No	4	0	n/a	n/a	0.02	NP
Iron (mg/l)	MW-1R	4.371	3	13	No	6	0	n/a	n/a	0.02	NP
Iron (mg/l)	NE-2	-3.373	-13	-13	No	6	0	n/a	n/a	0.02	NP
Iron (mg/l)	NE-3	-0.5637	-9	-13	No	6	16.67	n/a	n/a	0.02	NP
Iron (mg/l)	NE-6	-0.7333	-10	-13	No	6	50	n/a	n/a	0.02	NP
Iron (mg/l)	CLASSIDRAW	-9.165	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Iron (mg/l)	CLASSIVDRAW	5.035	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Iron (mg/l)	SP-NE-3	-0.585	0	8	No	4	0	n/a	n/a	0.02	NP
Lead (mg/l)	MW-4	0	-4.052	-2.33	Yes	44	88.64	n/a	n/a	0.02	NP
Lead (mg/l)	CAO-1	-0.00...	-145	-132	Yes	30	46.67	n/a	n/a	0.02	NP
Lead (mg/l)	CAO-2	-0.00...	-113	-132	No	30	50	n/a	n/a	0.02	NP
Lead (mg/l)	CAO-3	-0.00...	-136	-132	Yes	30	50	n/a	n/a	0.02	NP
Lead (mg/l)	MW-2	0	-2.594	-2.33	Yes	44	88.64	n/a	n/a	0.02	NP
Lead (mg/l)	MW-3	-0.00...	-3.694	-2.33	Yes	44	86.36	n/a	n/a	0.02	NP
Lead (mg/l)	MW-5	0	-4.132	-2.33	Yes	44	88.64	n/a	n/a	0.02	NP
Lead (mg/l)	MW-509D	0.000...	70	112	No	27	55.56	n/a	n/a	0.02	NP
Lead (mg/l)	MW-577	-0.00...	-98	-101	No	25	48	n/a	n/a	0.02	NP
Lead (mg/l)	MW-6	-0.00...	-3.61	-2.33	Yes	44	81.82	n/a	n/a	0.02	NP
Lead (mg/l)	MW-633D	-0.00...	-126	-112	Yes	27	51.85	n/a	n/a	0.02	NP
Lead (mg/l)	MW-689D	0	25	101	No	25	48	n/a	n/a	0.02	NP
Lead (mg/l)	MW-7	-0.00...	-4.124	-2.33	Yes	44	81.82	n/a	n/a	0.02	NP

Trend Test

NABORS

Client: SCS Engineers

Data: NABORS flat file database 9-2015

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<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Lead (mg/l)	NAB-2	0.000...	30	112	No	27	40.74	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-3	-0.00...	-79	-112	No	27	62.96	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-4	-0.00...	-45	-106	No	26	53.85	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-7	0.000...	81	112	No	27	40.74	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-8	-0.00...	-79	-73	Yes	20	50	n/a	n/a	0.02	NP
Lead (mg/l)	SP-7	-0.00...	-40	-53	No	16	37.5	n/a	n/a	0.02	NP
Lead (mg/l)	SPRINGA	-0.00...	-109	-95	Yes	24	58.33	n/a	n/a	0.02	NP
Lead (mg/l)	SPRINGB	-0.00...	-22	-31	No	11	72.73	n/a	n/a	0.02	NP
Lead (mg/l)	TSP-3	-0.00...	-18	-27	No	10	50	n/a	n/a	0.02	NP
Lead (mg/l)	LFENTRANC...	-0.00...	0	8	No	4	25	n/a	n/a	0.02	NP
Lead (mg/l)	MW-1R	-0.00...	-8	-13	No	6	50	n/a	n/a	0.02	NP
Lead (mg/l)	NE-2	-0.00...	-3	-13	No	6	33.33	n/a	n/a	0.02	NP
Lead (mg/l)	NE-3	-0.0111	-7	-13	No	6	16.67	n/a	n/a	0.02	NP
Lead (mg/l)	NE-6	-0.00...	-7	-13	No	6	33.33	n/a	n/a	0.02	NP
Lead (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Lead (mg/l)	CLASSIVDRAW	0.007167	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Lead (mg/l)	SP-NE-3	-0.00...	0	8	No	4	0	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-4	-0.00...	-6.386	-2.33	Yes	44	95.45	n/a	n/a	0.02	NP
Manganese (mg/l)	CAO-1	-0.8729	-274	-132	Yes	30	0	n/a	n/a	0.02	NP
Manganese (mg/l)	CAO-2	0.007828	38	132	No	30	0	n/a	n/a	0.02	NP
Manganese (mg/l)	CAO-3	-0.00...	-78	-132	No	30	40	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-2	-0.00...	-5.97	-2.33	Yes	44	70.45	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-3	0	-1.01	-2.33	No	44	72.73	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-5	-0.00...	-5.873	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-509D	0.001691	83	112	No	27	48.15	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-577	0	7	101	No	25	52	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-6	-0.00...	-6.487	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-633D	0	65	112	No	27	55.56	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-689D	0	0	101	No	25	40	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-7	0.005923	2.604	2.33	Yes	44	38.64	n/a	n/a	0.02	NP
Manganese (mg/l)	NAB-2	0.000...	37	112	No	27	7.407	n/a	n/a	0.02	NP
Manganese (mg/l)	NAB-3	0.0217	112	112	No	27	29.63	n/a	n/a	0.02	NP
Manganese (mg/l)	NAB-4	0.002327	51	106	No	26	26.92	n/a	n/a	0.02	NP
Manganese (mg/l)	NAB-7	0.000...	104	112	No	27	44.44	n/a	n/a	0.02	NP
Manganese (mg/l)	NAB-8	-0.00...	-65	-73	No	20	40	n/a	n/a	0.02	NP
Manganese (mg/l)	SP-7	-0.02885	-9	-53	No	16	0	n/a	n/a	0.02	NP
Manganese (mg/l)	SPRINGA	-0.00...	-3	-95	No	24	0	n/a	n/a	0.02	NP
Manganese (mg/l)	SPRINGB	-0.00...	-2	-31	No	11	9.091	n/a	n/a	0.02	NP
Manganese (mg/l)	TSP-3	-0.00...	-1	-27	No	10	20	n/a	n/a	0.02	NP
Manganese (mg/l)	LFENTRANC...	-0.6186	-2	-8	No	4	0	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-1R	-0.3449	-15	-13	Yes	6	0	n/a	n/a	0.02	NP
Manganese (mg/l)	NE-2	-0.00...	-5	-13	No	6	0	n/a	n/a	0.02	NP
Manganese (mg/l)	NE-3	-0.01174	-7	-13	No	6	0	n/a	n/a	0.02	NP
Manganese (mg/l)	NE-6	-0.00...	-10	-13	No	6	33.33	n/a	n/a	0.02	NP
Manganese (mg/l)	CLASSIDRAW	-0.3876	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Manganese (mg/l)	CLASSIVDRAW	4.87	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Manganese (mg/l)	SP-NE-3	0.05454	2	8	No	4	0	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-4	-0.00...	-170	-106	Yes	26	65.38	n/a	n/a	0.02	NP
Mercury (mg/l)	CAO-1	0	-85	-106	No	26	96.15	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Mercury (mg/l)	CAO-2	0	-74	-106	No	26	88.46	n/a	n/a	0.02	NP
Mercury (mg/l)	CAO-3	0	-69	-106	No	26	100	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-2	0	-88	-106	No	26	92.31	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-3	0	-85	-106	No	26	96.15	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-5	-0.00...	-162	-106	Yes	26	69.23	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-509D	0	-65	-106	No	26	80.77	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-577	0	-71	-101	No	25	92	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-6	0	-12	-106	No	26	61.54	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-633D	0	-85	-106	No	26	96.15	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-689D	0	-87	-101	No	25	84	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-7	0	-88	-106	No	26	92.31	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-2	0	-87	-106	No	26	92.31	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-3	0	-77	-106	No	26	65.38	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-4	0	-79	-101	No	25	92	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-7	0	-88	-106	No	26	92.31	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-8	0	-45	-68	No	19	94.74	n/a	n/a	0.02	NP
Mercury (mg/l)	SP-7	0	-45	-53	No	16	87.5	n/a	n/a	0.02	NP
Mercury (mg/l)	SPRINGA	0	-74	-95	No	24	87.5	n/a	n/a	0.02	NP
Mercury (mg/l)	SPRINGB	-9.6e-7	-25	-31	No	11	90.91	n/a	n/a	0.02	NP
Mercury (mg/l)	TSP-3	0	-21	-27	No	10	100	n/a	n/a	0.02	NP
Mercury (mg/l)	LFENTRANC...	-0.00...	-4	-8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-1R	-0.00...	-5	-13	No	6	16.67	n/a	n/a	0.02	NP
Mercury (mg/l)	NE-2	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Mercury (mg/l)	NE-3	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Mercury (mg/l)	NE-6	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Mercury (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	100	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-4	0	1.911	2.33	No	44	95.45	n/a	n/a	0.02	NP
Nickel (mg/l)	CAO-1	-0.00...	-217	-132	Yes	30	6.667	n/a	n/a	0.02	NP
Nickel (mg/l)	CAO-2	0	-61	-132	No	30	70	n/a	n/a	0.02	NP
Nickel (mg/l)	CAO-3	0	-141	-132	Yes	30	90	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-2	0	2.278	2.33	No	44	95.45	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-3	0.000...	3.536	2.33	Yes	44	88.64	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-5	0	1.404	2.33	No	44	93.18	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-509D	0	2	112	No	27	77.78	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-577	0	-74	-101	No	25	88	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-6	0	2.023	2.33	No	44	93.18	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-633D	0	-69	-112	No	27	92.59	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-689D	0	-103	-101	Yes	25	76	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-7	0.000...	2.452	2.33	Yes	44	75	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-2	0	-70	-112	No	27	85.19	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-3	0	-41	-112	No	27	88.89	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-4	0	10	106	No	26	53.85	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-7	0	-102	-112	No	27	66.67	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-8	0	-53	-73	No	20	75	n/a	n/a	0.02	NP
Nickel (mg/l)	SP-7	0	-49	-53	No	16	87.5	n/a	n/a	0.02	NP
Nickel (mg/l)	SPRINGA	0	-79	-95	No	24	95.83	n/a	n/a	0.02	NP
Nickel (mg/l)	SPRINGB	-0.00...	-27	-31	No	11	81.82	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Nickel (mg/l)	TSP-3	0	-19	-27	No	10	90	n/a	n/a	0.02	NP
Nickel (mg/l)	LFENTRANC...	-0.00...	-5	-8	No	4	100	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-1R	-0.01016	-6	-13	No	6	0	n/a	n/a	0.02	NP
Nickel (mg/l)	NE-2	0.000...	4	13	No	6	33.33	n/a	n/a	0.02	NP
Nickel (mg/l)	NE-3	-0.00...	-10	-13	No	6	50	n/a	n/a	0.02	NP
Nickel (mg/l)	NE-6	-0.00...	-7	-13	No	6	83.33	n/a	n/a	0.02	NP
Nickel (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	33.33	n/a	n/a	NaN	NP
Nickel (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Nickel (mg/l)	SP-NE-3	-0.01087	-5	-8	No	4	100	n/a	n/a	0.02	NP
pH (S.U.)	MW-4	-0.00...	-20	-171	No	36	0	n/a	n/a	0.02	NP
pH (S.U.)	CAO-1	-0.08681	-65	-78	No	21	0	n/a	n/a	0.02	NP
pH (S.U.)	CAO-2	-0.06309	-40	-73	No	20	0	n/a	n/a	0.02	NP
pH (S.U.)	CAO-3	-0.1009	-75	-78	No	21	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-2	0.04244	176	171	Yes	36	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-3	-0.01581	-137	-171	No	36	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-5	0	-2	-171	No	36	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-509D	-0.1409	-93	-68	Yes	19	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-577	-0.08033	-51	-58	No	17	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-6	0.005755	34	171	No	36	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-633D	-0.1413	-113	-68	Yes	19	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-689D	-0.1585	-63	-58	Yes	17	0	n/a	n/a	0.02	NP
pH (S.U.)	MW-7	0.001515	10	171	No	36	0	n/a	n/a	0.02	NP
pH (S.U.)	NAB-2	-0.1065	-68	-68	No	19	0	n/a	n/a	0.02	NP
pH (S.U.)	NAB-3	-0.2324	-93	-68	Yes	19	0	n/a	n/a	0.02	NP
pH (S.U.)	NAB-4	-0.1971	-100	-63	Yes	18	0	n/a	n/a	0.02	NP
pH (S.U.)	NAB-7	-0.152	-98	-68	Yes	19	0	n/a	n/a	0.02	NP
pH (S.U.)	NAB-8	-0.1472	-48	-39	Yes	13	0	n/a	n/a	0.02	NP
pH (S.U.)	SP-7	-0.1358	-5	-17	No	7	0	n/a	n/a	0.02	NP
pH (S.U.)	SPRINGA	0.04629	3	31	No	11	0	n/a	n/a	0.02	NP
pH (S.U.)	SPRINGB	0.1387	4	10	No	5	0	n/a	n/a	0.02	NP
pH (S.U.)	TSP-3	-0.06908	-2	-10	No	5	0	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-4	-0.00...	-3.578	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Selenium (mg/l)	CAO-1	-0.00...	-219	-132	Yes	30	56.67	n/a	n/a	0.02	NP
Selenium (mg/l)	CAO-2	-0.00...	-212	-132	Yes	30	83.33	n/a	n/a	0.02	NP
Selenium (mg/l)	CAO-3	-0.00...	-202	-132	Yes	30	90	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-2	-0.00...	-3.226	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-3	-0.00...	-3.51	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-5	-0.00...	-3.326	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-509D	-0.00...	-182	-112	Yes	27	77.78	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-577	-0.00...	-162	-101	Yes	25	92	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-6	-0.00...	-3.41	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-633D	-0.00...	-190	-112	Yes	27	92.59	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-689D	-0.00...	-156	-101	Yes	25	84	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-7	-0.00...	-3.479	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Selenium (mg/l)	NAB-2	-0.00...	-204	-112	Yes	27	92.59	n/a	n/a	0.02	NP
Selenium (mg/l)	NAB-3	-0.00...	-178	-112	Yes	27	100	n/a	n/a	0.02	NP
Selenium (mg/l)	NAB-4	-0.00...	-167	-106	Yes	26	92.31	n/a	n/a	0.02	NP
Selenium (mg/l)	NAB-7	-0.00...	-196	-112	Yes	27	92.59	n/a	n/a	0.02	NP
Selenium (mg/l)	NAB-8	-0.00...	-119	-73	Yes	20	80	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Selenium (mg/l)	SP-7	-0.00...	-57	-53	Yes	16	75	n/a	n/a	0.02	NP
Selenium (mg/l)	SPRINGA	-0.00...	-143	-95	Yes	24	95.83	n/a	n/a	0.02	NP
Selenium (mg/l)	SPRINGB	-0.00...	-30	-31	No	11	72.73	n/a	n/a	0.02	NP
Selenium (mg/l)	TSP-3	-0.00...	-27	-27	No	10	100	n/a	n/a	0.02	NP
Selenium (mg/l)	LFENTRANC...	-0.00...	-3	-8	No	4	100	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-1R	-0.00...	-9	-13	No	6	83.33	n/a	n/a	0.02	NP
Selenium (mg/l)	NE-2	-0.00...	-10	-13	No	6	66.67	n/a	n/a	0.02	NP
Selenium (mg/l)	NE-3	-0.00...	-10	-13	No	6	83.33	n/a	n/a	0.02	NP
Selenium (mg/l)	NE-6	-0.00...	-7	-13	No	6	100	n/a	n/a	0.02	NP
Selenium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Selenium (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Selenium (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	100	n/a	n/a	0.02	NP
Silver (mg/l)	MW-4	0	-2.298	-2.33	No	44	95.45	n/a	n/a	0.02	NP
Silver (mg/l)	CAO-1	0	-1	-132	No	30	93.33	n/a	n/a	0.02	NP
Silver (mg/l)	CAO-2	0	-1	-132	No	30	93.33	n/a	n/a	0.02	NP
Silver (mg/l)	CAO-3	0	-4	-132	No	30	100	n/a	n/a	0.02	NP
Silver (mg/l)	MW-2	0	-2.175	-2.33	No	44	95.45	n/a	n/a	0.02	NP
Silver (mg/l)	MW-3	0	-1.691	-2.33	No	44	97.73	n/a	n/a	0.02	NP
Silver (mg/l)	MW-5	0	-1.196	-2.33	No	44	93.18	n/a	n/a	0.02	NP
Silver (mg/l)	MW-509D	0	-59	-112	No	27	96.3	n/a	n/a	0.02	NP
Silver (mg/l)	MW-577	0	-63	-101	No	25	92	n/a	n/a	0.02	NP
Silver (mg/l)	MW-6	0	-1.916	-2.33	No	44	93.18	n/a	n/a	0.02	NP
Silver (mg/l)	MW-633D	0	-102	-112	No	27	88.89	n/a	n/a	0.02	NP
Silver (mg/l)	MW-689D	0	-77	-101	No	25	96	n/a	n/a	0.02	NP
Silver (mg/l)	MW-7	0	-1.389	-2.33	No	44	95.45	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-2	0	-69	-112	No	27	96.3	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-3	0	-76	-112	No	27	88.89	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-4	0	-103	-106	No	26	84.62	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-7	0	-79	-112	No	27	96.3	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-8	0	-55	-73	No	20	95	n/a	n/a	0.02	NP
Silver (mg/l)	SP-7	-0.00...	-58	-53	Yes	16	81.25	n/a	n/a	0.02	NP
Silver (mg/l)	SPRINGA	0	-67	-95	No	24	95.83	n/a	n/a	0.02	NP
Silver (mg/l)	SPRINGB	-0.00...	-29	-31	No	11	90.91	n/a	n/a	0.02	NP
Silver (mg/l)	TSP-3	-0.00...	-23	-27	No	10	100	n/a	n/a	0.02	NP
Silver (mg/l)	LFENTRANC...	-0.00...	-5	-8	No	4	100	n/a	n/a	0.02	NP
Silver (mg/l)	MW-1R	-0.00...	-11	-13	No	6	100	n/a	n/a	0.02	NP
Silver (mg/l)	NE-2	-0.00...	-11	-13	No	6	100	n/a	n/a	0.02	NP
Silver (mg/l)	NE-3	-0.00...	-11	-13	No	6	100	n/a	n/a	0.02	NP
Silver (mg/l)	NE-6	-0.00...	-11	-13	No	6	100	n/a	n/a	0.02	NP
Silver (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Silver (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Silver (mg/l)	SP-NE-3	-0.00...	-5	-8	No	4	100	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-4	0.3117	4.001	2.33	Yes	43	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	CAO-1	-2.026	-224	-125	Yes	29	10.34	n/a	n/a	0.02	NP
Sulfate (mg/l)	CAO-2	-0.6501	-57	-125	No	29	13.79	n/a	n/a	0.02	NP
Sulfate (mg/l)	CAO-3	-1.246	-88	-125	No	29	3.448	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-2	0.2018	1.491	2.33	No	43	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-3	-0.5386	-4.805	-2.33	Yes	43	4.651	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-5	0.2819	5.216	2.33	Yes	43	4.651	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate (mg/l)	MW-509D	0.5177	127	106	Yes	26	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-577	-3.08	-115	-95	Yes	24	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-6	0.2039	4.867	2.33	Yes	43	13.95	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-633D	0	-33	-106	No	26	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-689D	0	20	95	No	24	4.167	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-7	0.02161	0.3038	2.33	No	43	2.326	n/a	n/a	0.02	NP
Sulfate (mg/l)	NAB-2	-1.15	-178	-106	Yes	26	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NAB-3	0.6783	132	106	Yes	26	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NAB-4	1.687	74	101	No	25	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NAB-7	1.479	148	106	Yes	26	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NAB-8	-0.3954	-65	-68	No	19	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	SP-7	-0.7614	-39	-48	No	15	6.667	n/a	n/a	0.02	NP
Sulfate (mg/l)	SPRINGA	1.098	71	89	No	23	17.39	n/a	n/a	0.02	NP
Sulfate (mg/l)	SPRINGB	-1.38	-9	-27	No	10	20	n/a	n/a	0.02	NP
Sulfate (mg/l)	TSP-3	-0.4839	-5	-23	No	9	33.33	n/a	n/a	0.02	NP
Sulfate (mg/l)	LFENTRANC...	-0.7594	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Sulfate (mg/l)	MW-1R	1.878	4	10	No	5	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NE-2	-275.6	-9	-10	No	5	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NE-3	-6.391	-10	-10	No	5	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NE-6	-1.343	-4	-10	No	5	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	CLASSIDRAW	0.000...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Sulfate (mg/l)	CLASSIVDRAW	-53.26	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Sulfate (mg/l)	SP-NE-3	13.83	NaN	NaN	No	3	33.33	n/a	n/a	NaN	NP
Thallium (mg/l)	MW-4	0	-2.012	-2.33	No	44	100	n/a	n/a	0.02	NP
Thallium (mg/l)	CAO-1	0	-144	-132	Yes	30	96.67	n/a	n/a	0.02	NP
Thallium (mg/l)	CAO-2	-0.00...	-186	-132	Yes	30	80	n/a	n/a	0.02	NP
Thallium (mg/l)	CAO-3	0	-103	-132	No	30	100	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-2	0	-2.475	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-3	0	-3.688	-2.33	Yes	44	95.45	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-5	0	-2.149	-2.33	No	44	97.73	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-509D	0	-36	-112	No	27	88.89	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-577	0	-45	-101	No	25	100	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-6	0	-2.475	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-633D	0	-95	-112	No	27	96.3	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-689D	0	-62	-101	No	25	92	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-7	0	-2.475	-2.33	Yes	44	97.73	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-2	0	-49	-112	No	27	100	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-3	0	-49	-112	No	27	100	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-4	0	-102	-106	No	26	76.92	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-7	0	-49	-112	No	27	100	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-8	0	-30	-73	No	20	95	n/a	n/a	0.02	NP
Thallium (mg/l)	SP-7	0	-27	-53	No	16	100	n/a	n/a	0.02	NP
Thallium (mg/l)	SPRINGA	0	-40	-95	No	24	100	n/a	n/a	0.02	NP
Thallium (mg/l)	SPRINGB	0	-17	-31	No	11	100	n/a	n/a	0.02	NP
Thallium (mg/l)	TSP-3	0	-15	-27	No	10	100	n/a	n/a	0.02	NP
Thallium (mg/l)	LFENTRANC...	-0.00...	-3	-8	No	4	100	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-1R	-0.00...	-4	-13	No	6	50	n/a	n/a	0.02	NP
Thallium (mg/l)	NE-2	-0.00...	-11	-13	No	6	83.33	n/a	n/a	0.02	NP
Thallium (mg/l)	NE-3	-0.00...	-7	-13	No	6	100	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Thallium (mg/l)	NE-6	-0.00...	-7	-13	No	6	83.33	n/a	n/a	0.02	NP
Thallium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Thallium (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Thallium (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/l)	MW-4	-0.00...	-117	-84	Yes	22	81.82	n/a	n/a	0.02	NP
Tin (mg/l)	CAO-1	-0.00...	-136	-84	Yes	22	68.18	n/a	n/a	0.02	NP
Tin (mg/l)	CAO-2	-0.00...	-110	-84	Yes	22	86.36	n/a	n/a	0.02	NP
Tin (mg/l)	CAO-3	-0.00...	-114	-84	Yes	22	86.36	n/a	n/a	0.02	NP
Tin (mg/l)	MW-2	-0.00...	-115	-84	Yes	22	90.91	n/a	n/a	0.02	NP
Tin (mg/l)	MW-3	-0.00...	-114	-84	Yes	22	95.45	n/a	n/a	0.02	NP
Tin (mg/l)	MW-5	-0.00...	-115	-84	Yes	22	81.82	n/a	n/a	0.02	NP
Tin (mg/l)	MW-509D	-0.00...	-135	-89	Yes	23	82.61	n/a	n/a	0.02	NP
Tin (mg/l)	MW-577	-0.00...	-140	-84	Yes	22	77.27	n/a	n/a	0.02	NP
Tin (mg/l)	MW-6	-0.00...	-119	-84	Yes	22	81.82	n/a	n/a	0.02	NP
Tin (mg/l)	MW-633D	-0.00...	-137	-89	Yes	23	73.91	n/a	n/a	0.02	NP
Tin (mg/l)	MW-689D	-0.00...	-148	-89	Yes	23	73.91	n/a	n/a	0.02	NP
Tin (mg/l)	MW-7	-0.00...	-118	-84	Yes	22	95.45	n/a	n/a	0.02	NP
Tin (mg/l)	NAB-2	-0.00...	-139	-89	Yes	23	82.61	n/a	n/a	0.02	NP
Tin (mg/l)	NAB-3	-0.00...	-141	-89	Yes	23	78.26	n/a	n/a	0.02	NP
Tin (mg/l)	NAB-4	-0.00...	-113	-84	Yes	22	86.36	n/a	n/a	0.02	NP
Tin (mg/l)	NAB-7	-0.00...	-145	-89	Yes	23	86.96	n/a	n/a	0.02	NP
Tin (mg/l)	NAB-8	-0.00...	-85	-53	Yes	16	75	n/a	n/a	0.02	NP
Tin (mg/l)	SP-7	-0.00...	-59	-44	Yes	14	92.86	n/a	n/a	0.02	NP
Tin (mg/l)	SPRINGA	-0.00...	-124	-78	Yes	21	90.48	n/a	n/a	0.02	NP
Tin (mg/l)	SPRINGB	-0.00...	-38	-27	Yes	10	80	n/a	n/a	0.02	NP
Tin (mg/l)	TSP-3	-0.00...	-27	-23	Yes	9	88.89	n/a	n/a	0.02	NP
Tin (mg/l)	LFENTRANC...	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
Tin (mg/l)	MW-1R	-0.00...	-12	-13	No	6	66.67	n/a	n/a	0.02	NP
Tin (mg/l)	NE-2	-0.00...	-7	-13	No	6	83.33	n/a	n/a	0.02	NP
Tin (mg/l)	NE-3	-0.00139	-10	-13	No	6	50	n/a	n/a	0.02	NP
Tin (mg/l)	NE-6	-0.00...	-11	-13	No	6	83.33	n/a	n/a	0.02	NP
Tin (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Tin (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Tin (mg/l)	SP-NE-3	-0.00...	-3	-8	No	4	75	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-4	0	1.567	2.33	No	44	50	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CAO-1	0.7812	140	132	Yes	30	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CAO-2	-0.023	-12	-132	No	30	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CAO-3	-0.1712	-97	-132	No	30	13.33	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-2	0.05425	1.923	2.33	No	44	38.64	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-3	0.04288	1.648	2.33	No	44	36.36	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-5	0	0.296	2.33	No	44	50	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-509D	0	7	112	No	27	22.22	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-577	0	-15	-101	No	25	32	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-6	0.03345	1.454	2.33	No	44	27.27	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-633D	0	-8	-112	No	27	18.52	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-689D	-0.06627	-40	-101	No	25	24	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-7	0	0.5847	2.33	No	44	36.36	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-2	-0.1815	-98	-112	No	27	33.33	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-3	-0.05396	-29	-112	No	27	18.52	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/7/2015, 3:29 PM

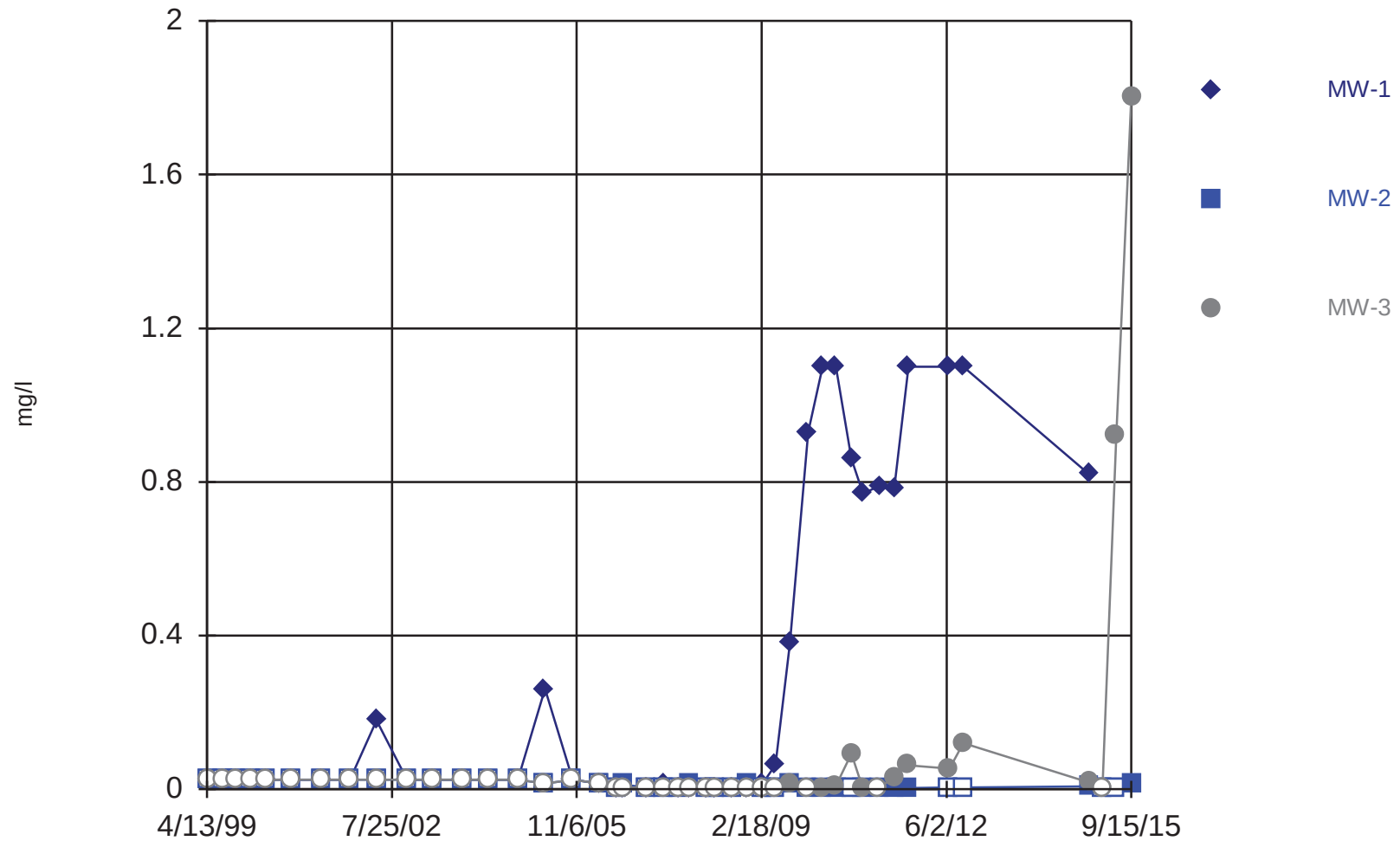
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
TOC [Total Organic Carbon] (mg/l)	NAB-4	0	-16	-106	No	26	23.08	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-7	0	-1	-112	No	27	25.93	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-8	0.02419	11	73	No	20	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	SP-7	-0.01407	-4	-53	No	16	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	SPRINGA	-0.1771	-63	-95	No	24	4.167	n/a	n/a	0.02	NP
Vanadium (mg/l)	SPRINGB	-0.00...	-26	-31	No	11	81.82	n/a	n/a	0.02	NP
Vanadium (mg/l)	TSP-3	-0.00...	-18	-27	No	10	90	n/a	n/a	0.02	NP
Vanadium (mg/l)	LFENTRANC...	-0.00...	-6	-8	No	4	75	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-1R	-0.01325	-12	-13	No	6	83.33	n/a	n/a	0.02	NP
Vanadium (mg/l)	NE-2	-0.00...	-9	-13	No	6	83.33	n/a	n/a	0.02	NP
Vanadium (mg/l)	NE-3	-0.00...	-12	-13	No	6	83.33	n/a	n/a	0.02	NP
Vanadium (mg/l)	NE-6	-0.00...	-9	-13	No	6	100	n/a	n/a	0.02	NP
Vanadium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Vanadium (mg/l)	CLASSIVDRAW	-0.0132	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Vanadium (mg/l)	SP-NE-3	-0.00...	-5	-8	No	4	100	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-4	0.005104	5.071	2.33	Yes	44	22.73	n/a	n/a	0.02	NP
Zinc (mg/l)	CAO-1	-0.1431	-311	-132	Yes	30	10	n/a	n/a	0.02	NP
Zinc (mg/l)	CAO-2	-0.00...	-155	-132	Yes	30	33.33	n/a	n/a	0.02	NP
Zinc (mg/l)	CAO-3	-0.00...	-102	-132	No	30	26.67	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-2	-0.00...	-3.584	-2.33	Yes	44	79.55	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-3	0.005589	4.932	2.33	Yes	44	27.27	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-5	0.000...	2.625	2.33	Yes	44	47.73	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-509D	0.012	51	112	No	27	0	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-577	-0.00...	-139	-101	Yes	25	48	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-6	0.001847	3.492	2.33	Yes	44	34.09	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-633D	0.005383	65	112	No	27	0	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-689D	-0.00...	-35	-101	No	25	32	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-7	0	-0.9966	-2.33	No	44	61.36	n/a	n/a	0.02	NP
Zinc (mg/l)	NAB-2	0.001463	54	112	No	27	11.11	n/a	n/a	0.02	NP
Zinc (mg/l)	NAB-3	0.003714	49	112	No	27	0	n/a	n/a	0.02	NP
Zinc (mg/l)	NAB-4	0.0524	139	106	Yes	26	0	n/a	n/a	0.02	NP
Zinc (mg/l)	NAB-7	0.005314	156	112	Yes	27	18.52	n/a	n/a	0.02	NP
Zinc (mg/l)	NAB-8	-0.00...	-59	-73	No	20	50	n/a	n/a	0.02	NP
Zinc (mg/l)	SP-7	-0.00...	-67	-53	Yes	16	43.75	n/a	n/a	0.02	NP
Zinc (mg/l)	SPRINGA	0.000...	9	95	No	24	12.5	n/a	n/a	0.02	NP
Zinc (mg/l)	SPRINGB	0.001765	10	31	No	11	36.36	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	SPRINGB	0.562	21	31	No	11	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	TSP-3	-0.05056	-3	-27	No	10	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	LFENTRANC...	0.1605	2	8	No	4	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-1R	2.897	3	13	No	6	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NE-2	-23.78	-14	-13	Yes	6	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NE-3	0.2911	3	13	No	6	16.67	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NE-6	0.2162	2	13	No	6	50	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CLASSIDRAW	1.199	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
TOC [Total Organic Carbon] (mg/l)	CLASSIVDRAW	3.051	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
TOC [Total Organic Carbon] (mg/l)	SP-NE-3	0.161	1	8	No	4	0	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-4	-0.00...	-4.664	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Vanadium (mg/l)	CAO-1	0	-63	-132	No	30	80	n/a	n/a	0.02	NP
Vanadium (mg/l)	CAO-2	0	-58	-132	No	30	83.33	n/a	n/a	0.02	NP

Trend Test

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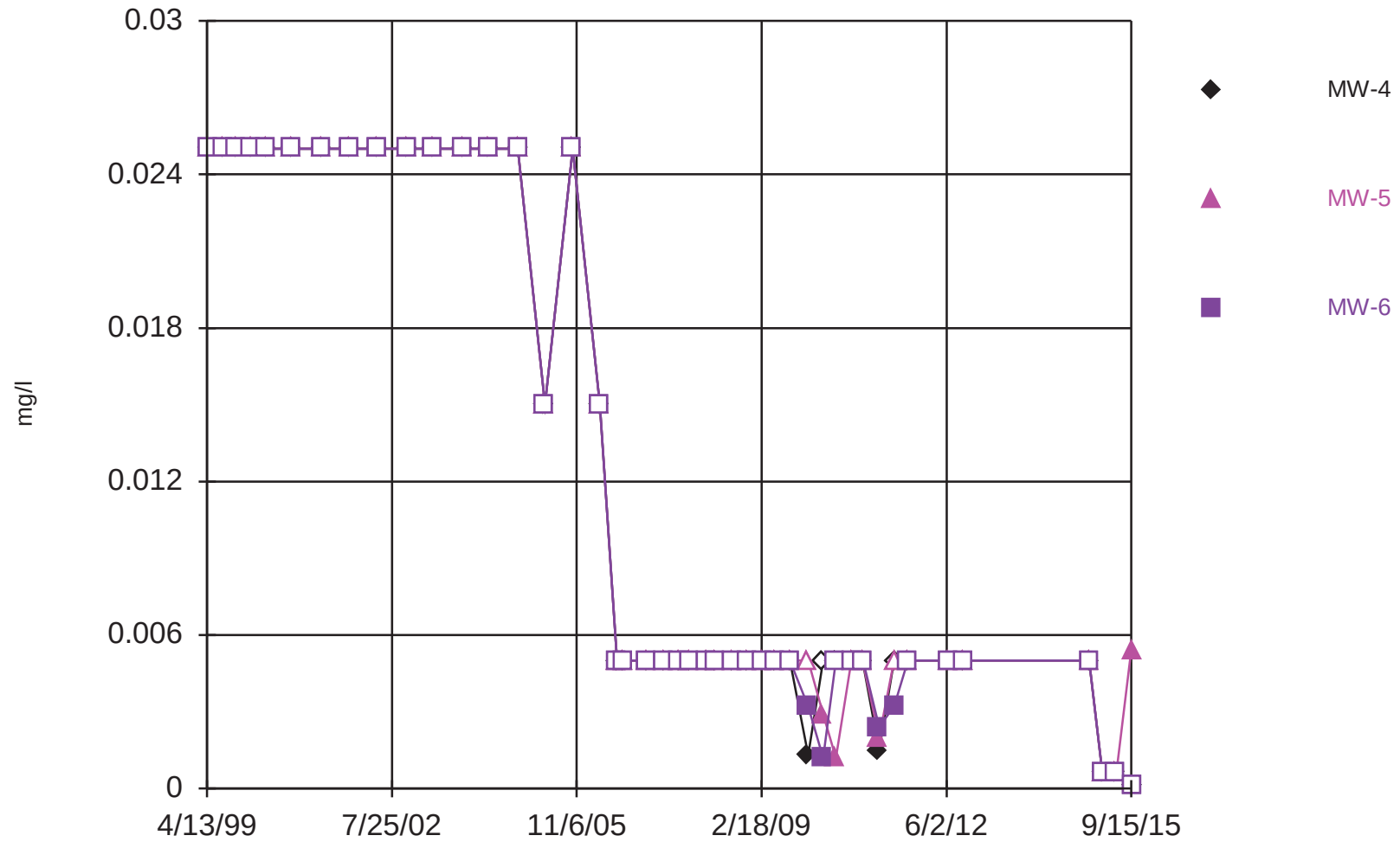
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Vanadium (mg/l)	CAO-3	0	-60	-132	No	30	93.33	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-2	-0.00...	-4.799	-2.33	Yes	44	79.55	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-3	-0.00...	-4.493	-2.33	Yes	44	90.91	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-5	-0.00...	-5.091	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-509D	0	75	112	No	27	62.96	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-577	0	-44	-101	No	25	88	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-6	-0.00...	-4.942	-2.33	Yes	44	95.45	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-633D	0	-80	-112	No	27	92.59	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-689D	0	9	101	No	25	68	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-7	-0.00...	-4.773	-2.33	Yes	44	93.18	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-2	0	-16	-112	No	27	88.89	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-3	0	-34	-112	No	27	85.19	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-4	0	-28	-106	No	26	92.31	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-7	0	-28	-112	No	27	92.59	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-8	0	-35	-73	No	20	85	n/a	n/a	0.02	NP
Vanadium (mg/l)	SP-7	0	-38	-53	No	16	87.5	n/a	n/a	0.02	NP
Vanadium (mg/l)	SPRINGA	0	-63	-95	No	24	87.5	n/a	n/a	0.02	NP
Zinc (mg/l)	TSP-3	-0.00...	-20	-27	No	10	60	n/a	n/a	0.02	NP
Zinc (mg/l)	LFENTRANC...	-0.00...	-4	-8	No	4	75	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-1R	-0.4345	-5	-13	No	6	0	n/a	n/a	0.02	NP
Zinc (mg/l)	NE-2	0.04663	12	13	No	6	33.33	n/a	n/a	0.02	NP
Zinc (mg/l)	NE-3	-0.01294	-7	-13	No	6	0	n/a	n/a	0.02	NP
Zinc (mg/l)	NE-6	-0.02944	-5	-13	No	6	0	n/a	n/a	0.02	NP
Zinc (mg/l)	CLASSIDRAW	-0.02361	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Zinc (mg/l)	CLASSIVDRAW	0.1079	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Zinc (mg/l)	SP-NE-3	-0.01057	-2	-8	No	4	50	n/a	n/a	0.02	NP

Time Series

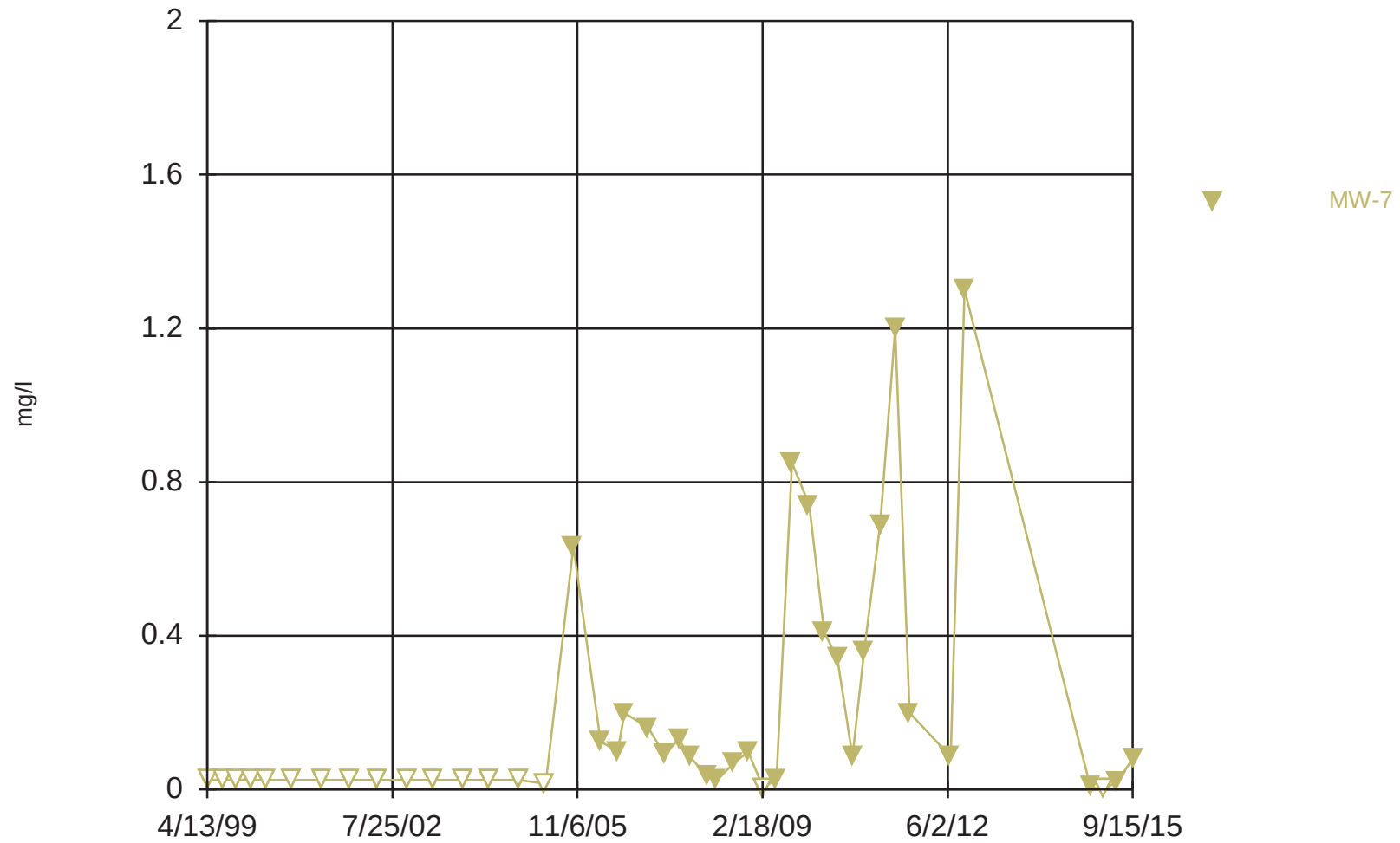


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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

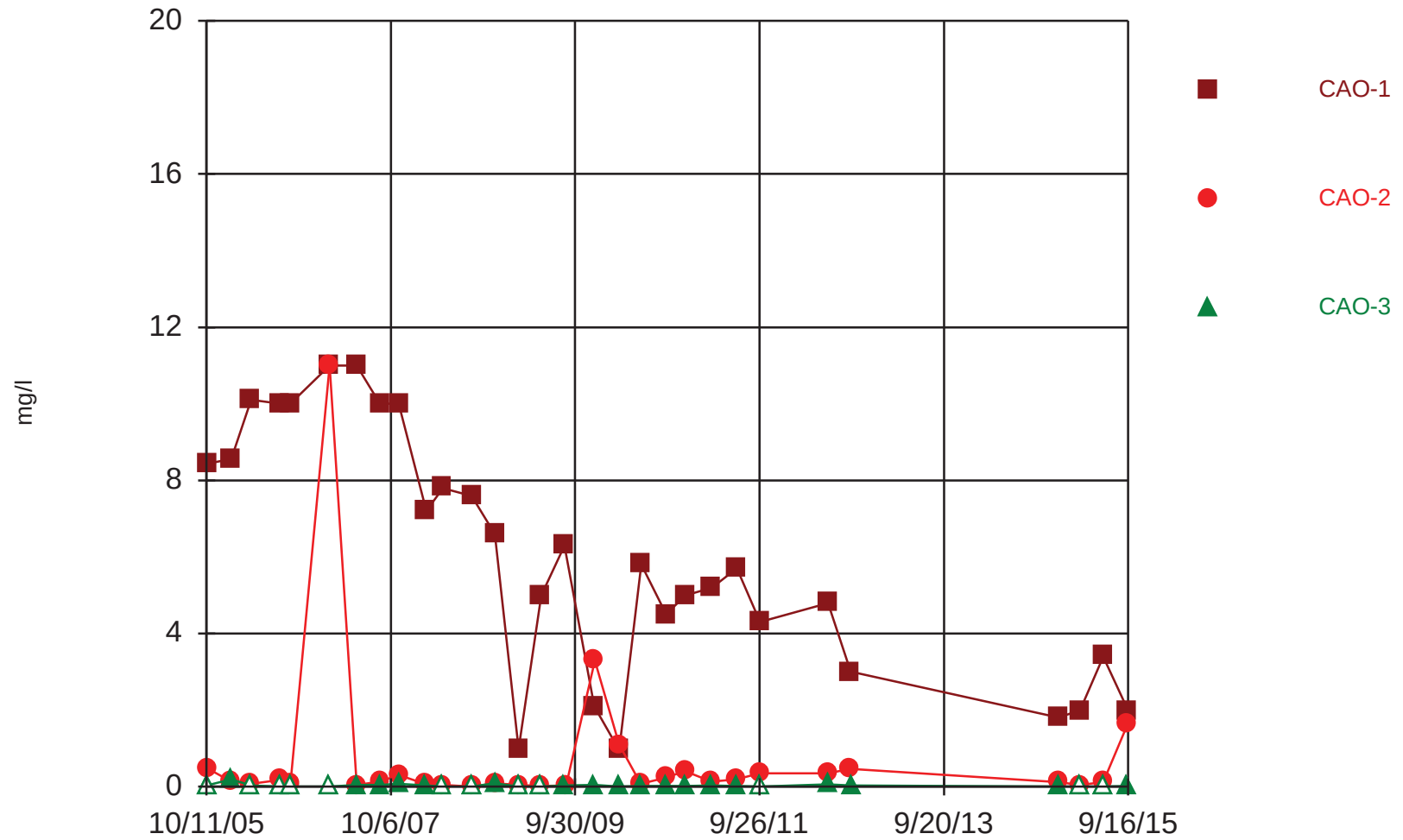


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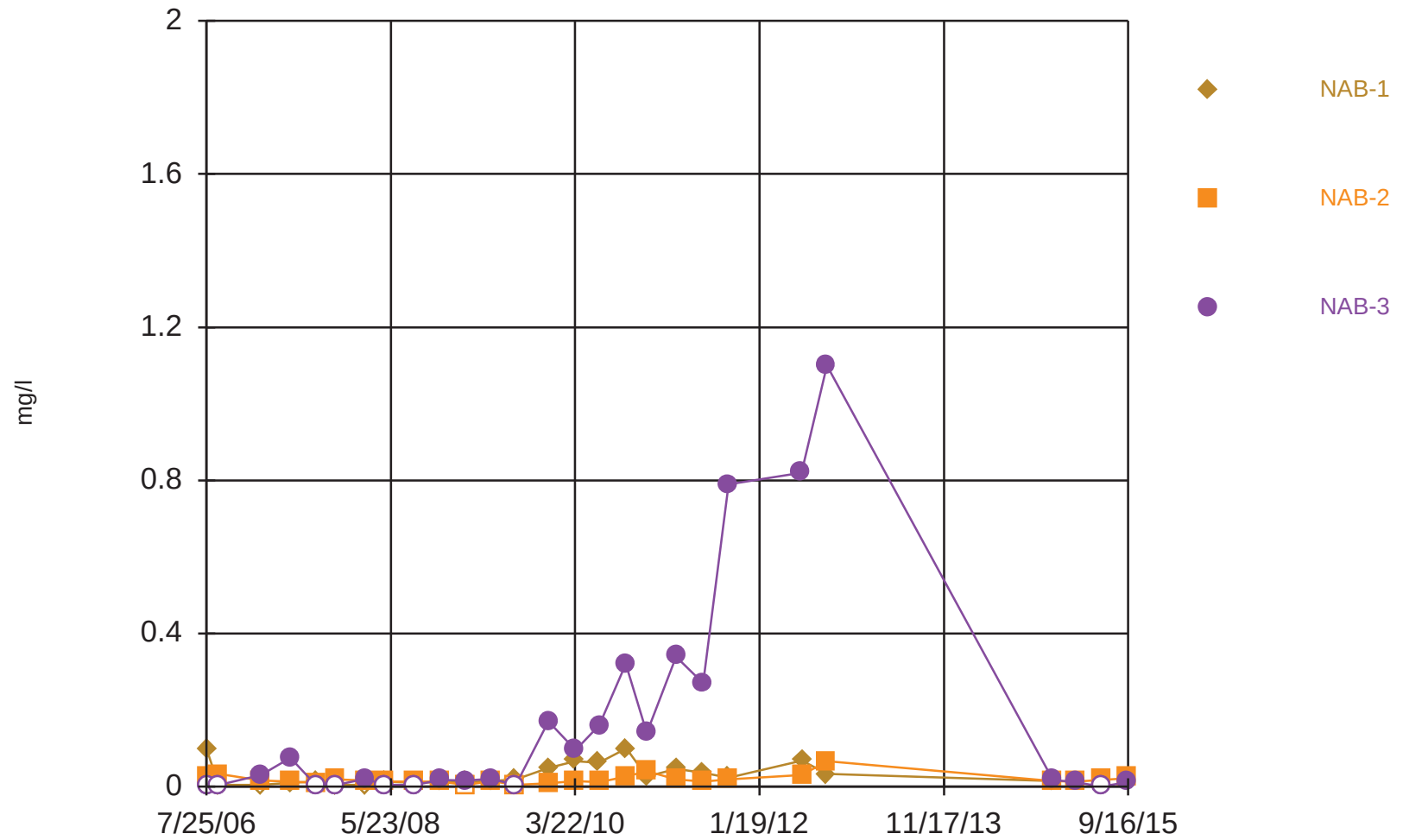


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Time Series

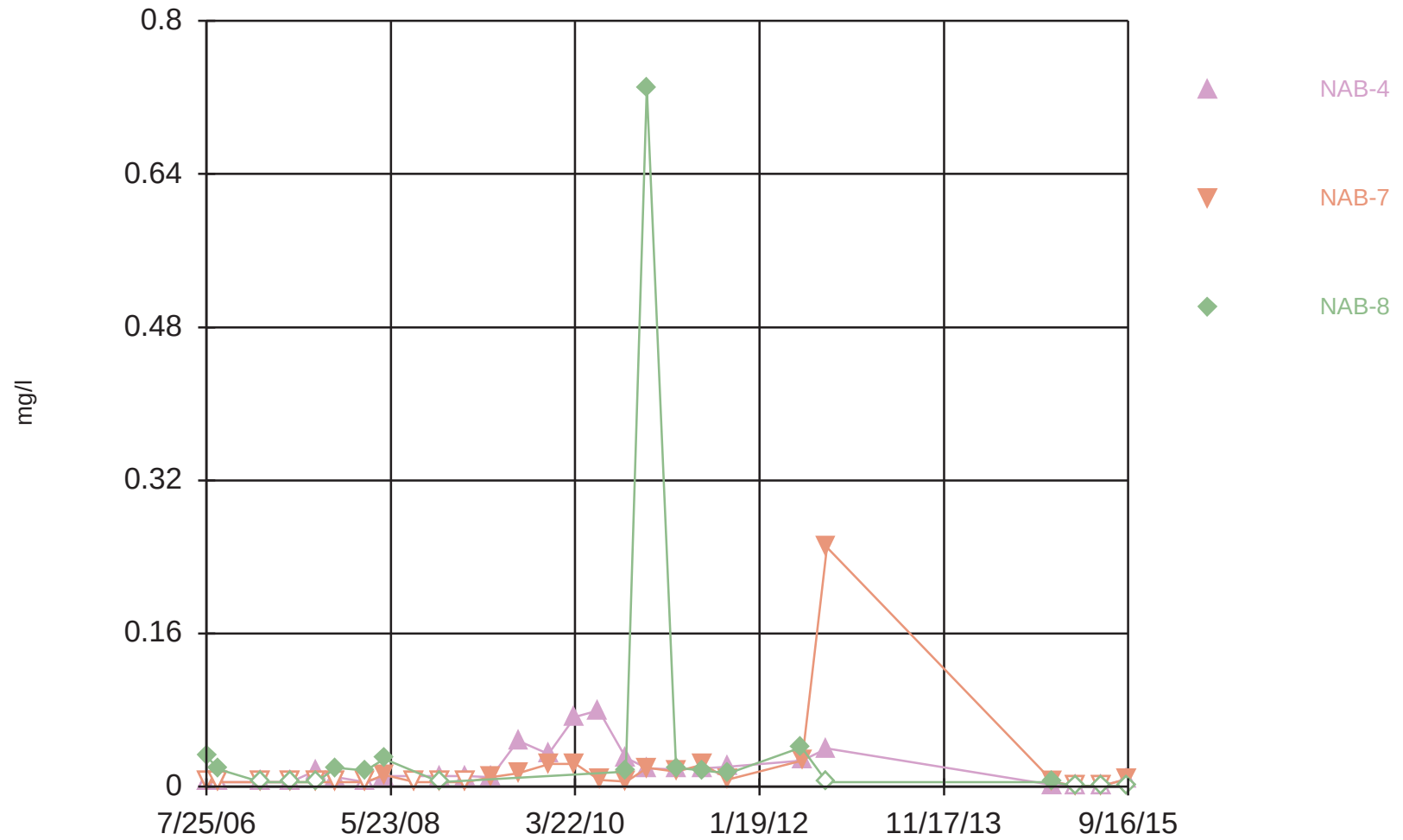


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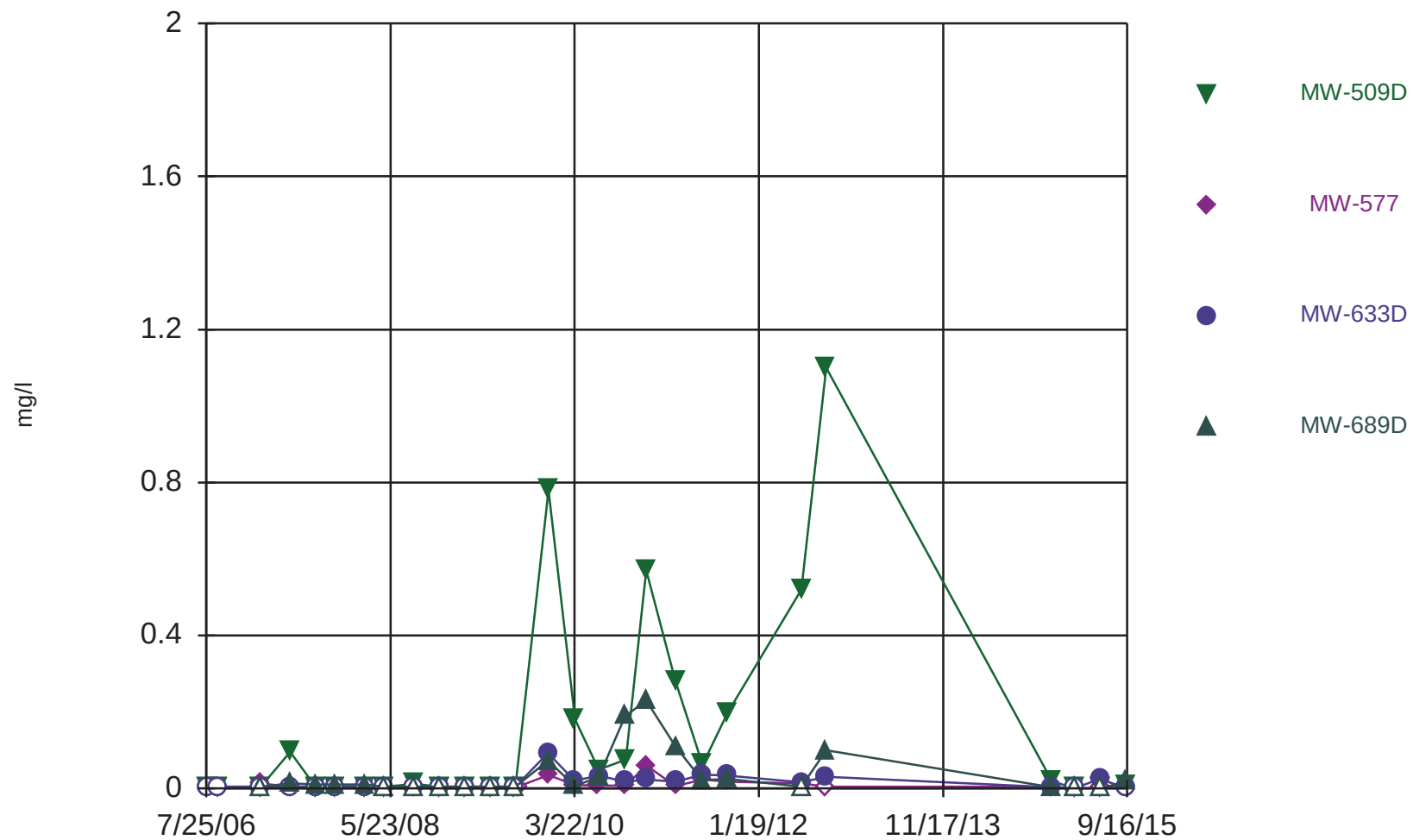
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Time Series



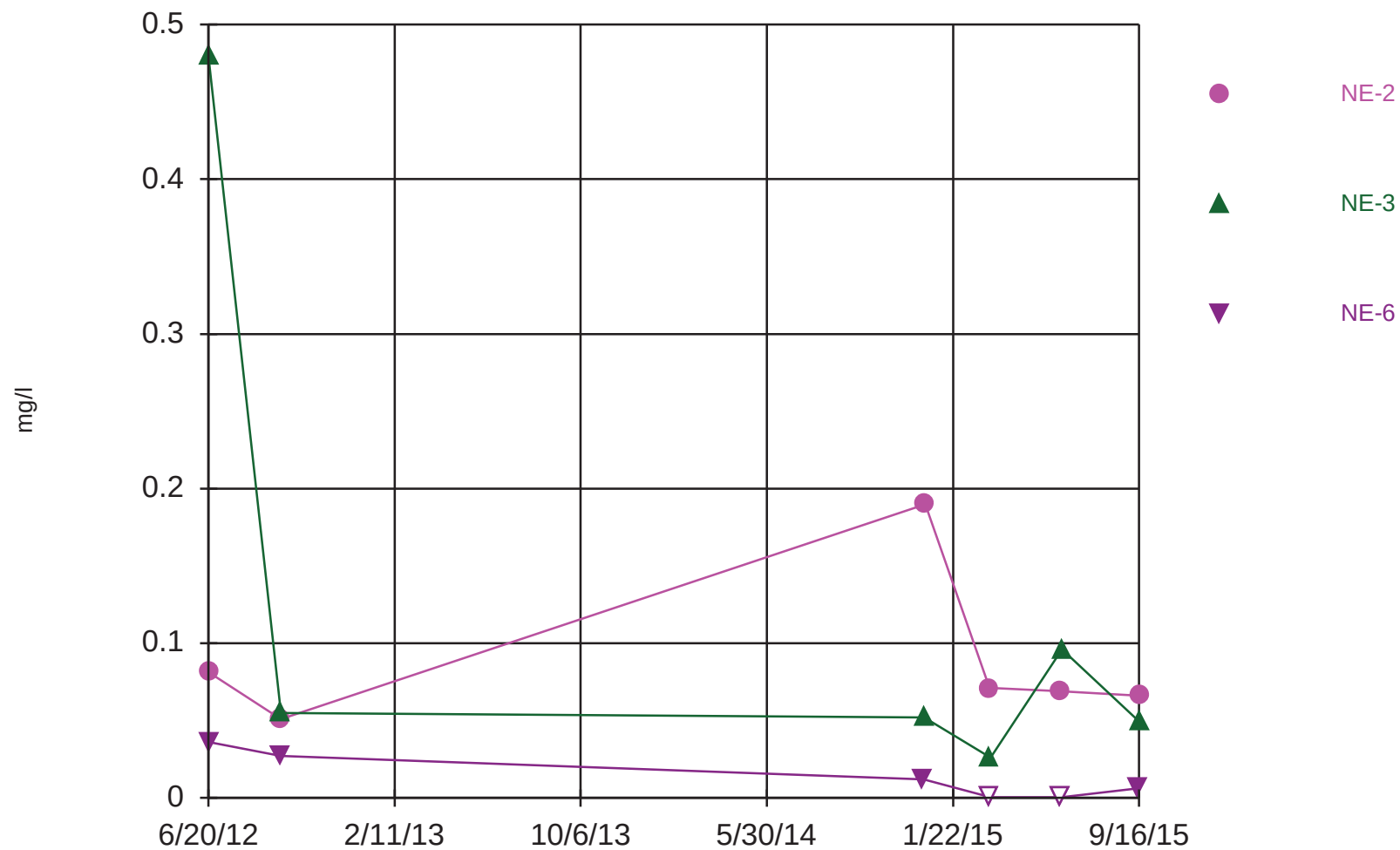
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Time Series



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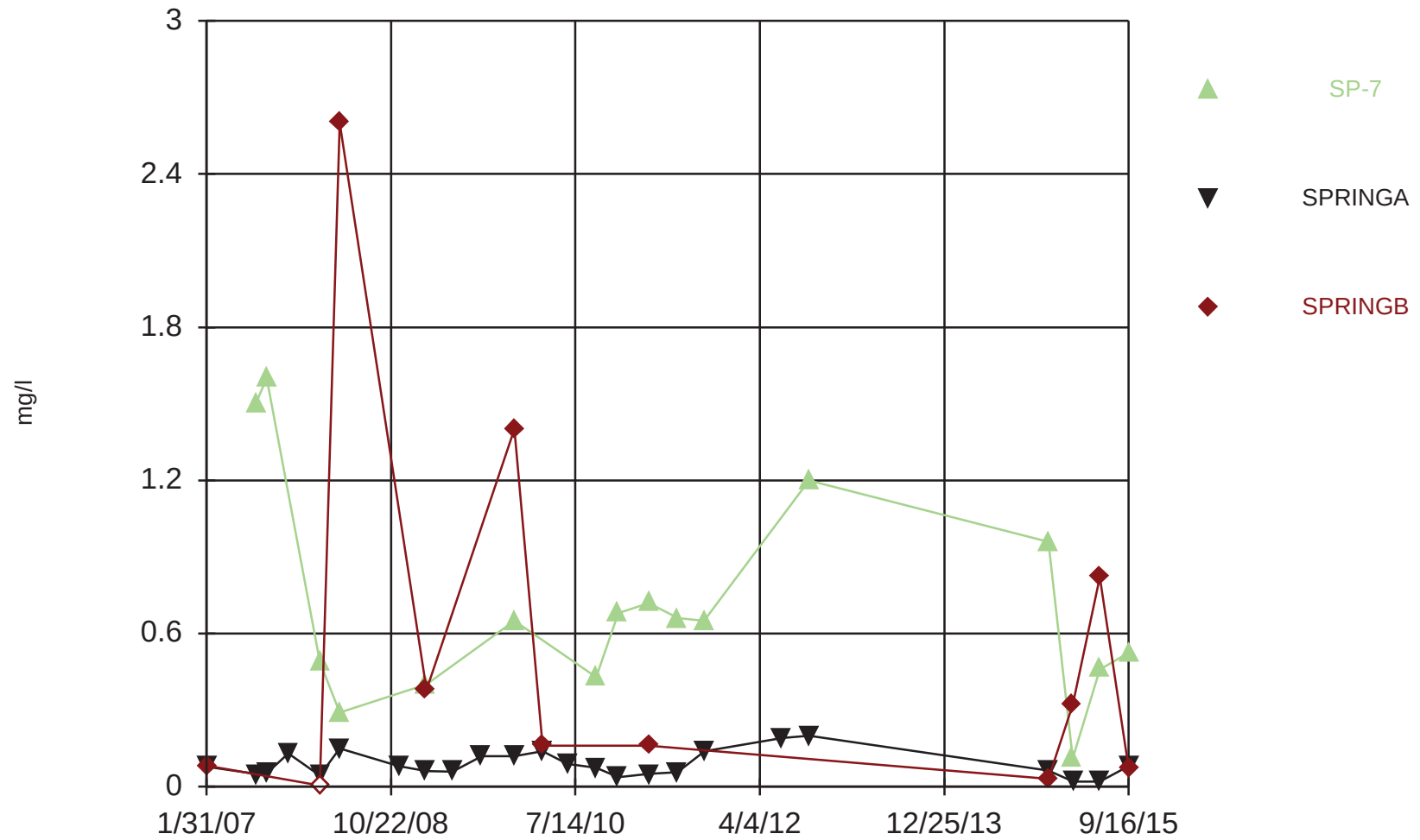
Time Series



Constituent: Manganese Analysis Run 10/22/2015 12:29 PM

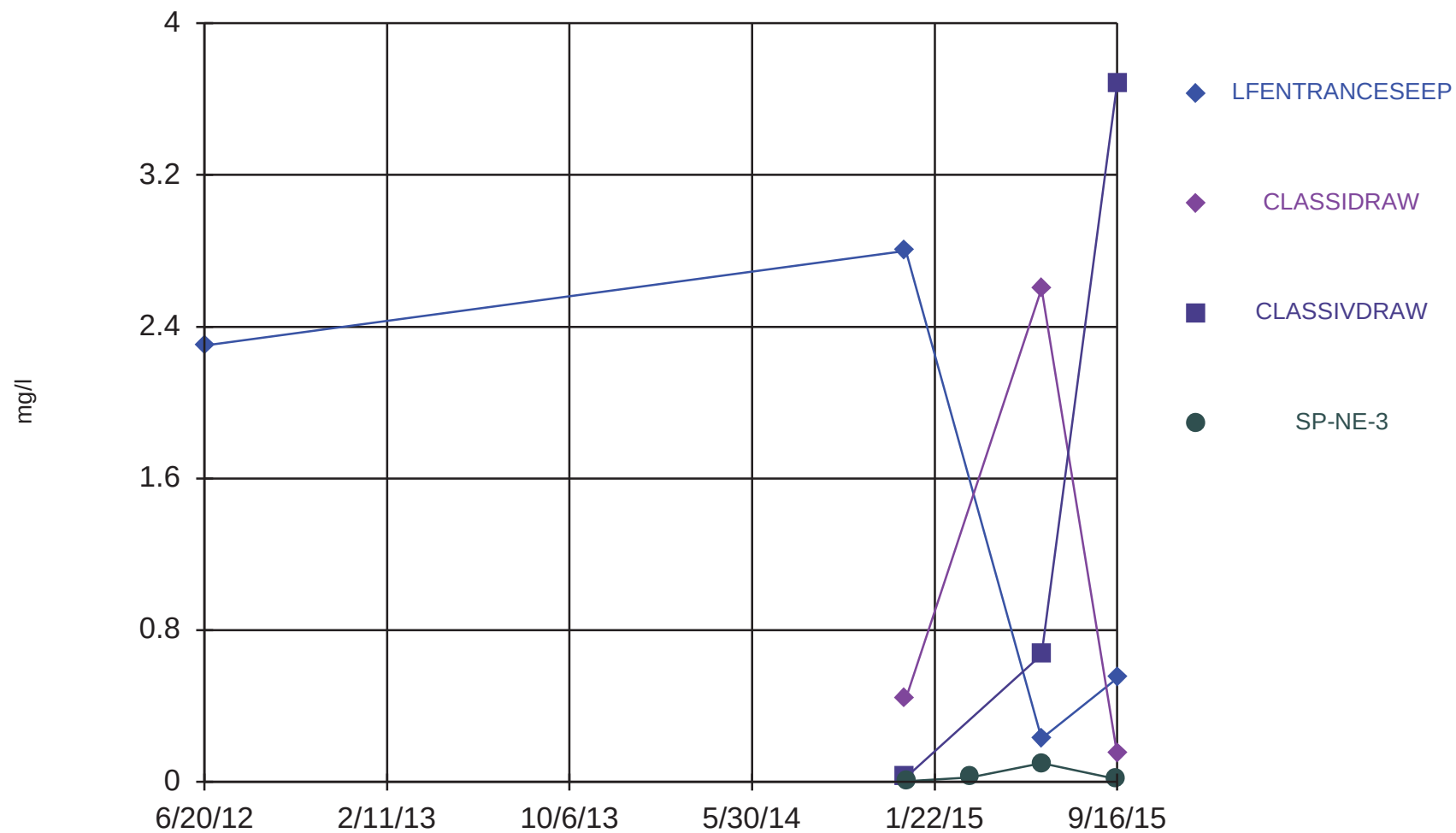
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Time Series



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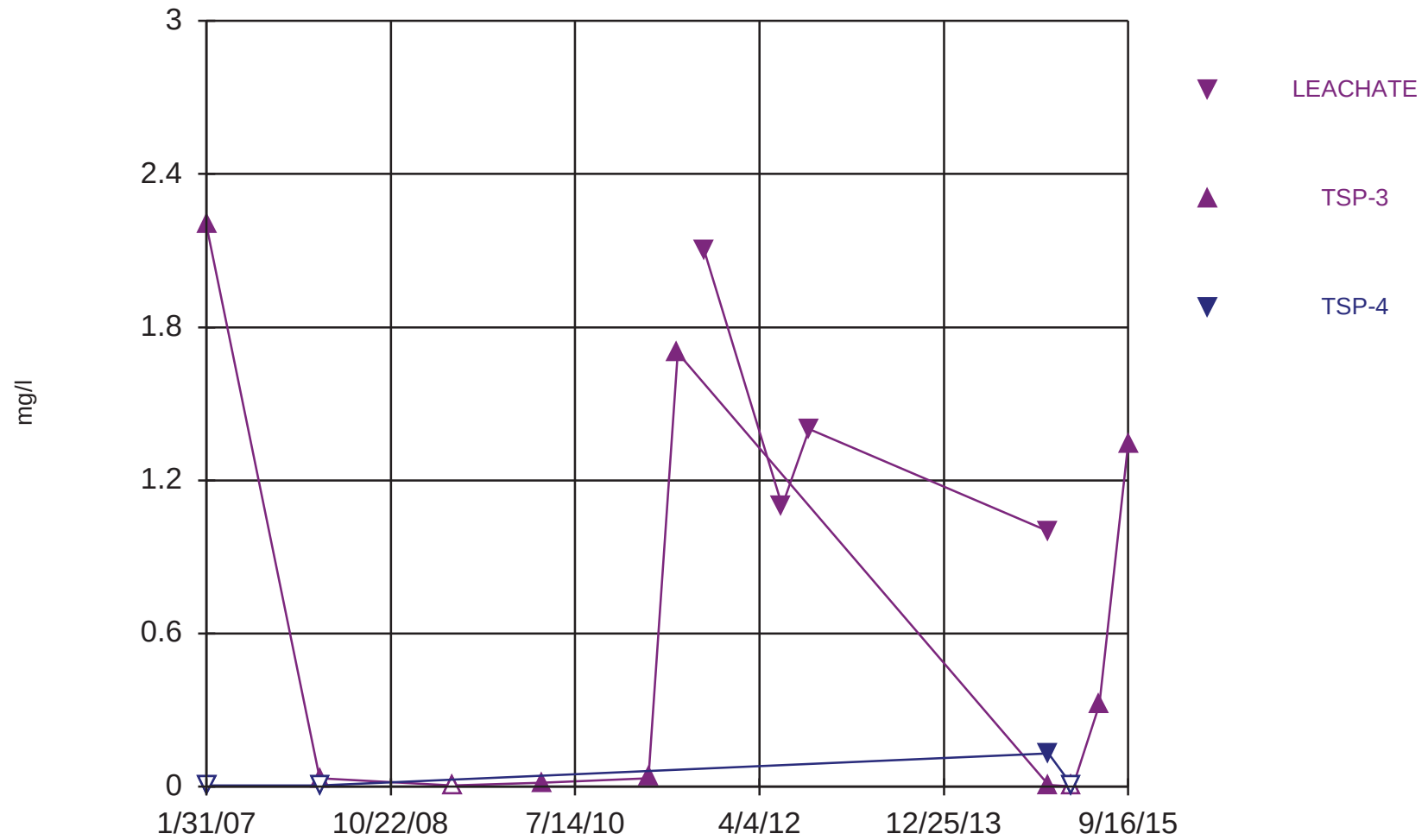
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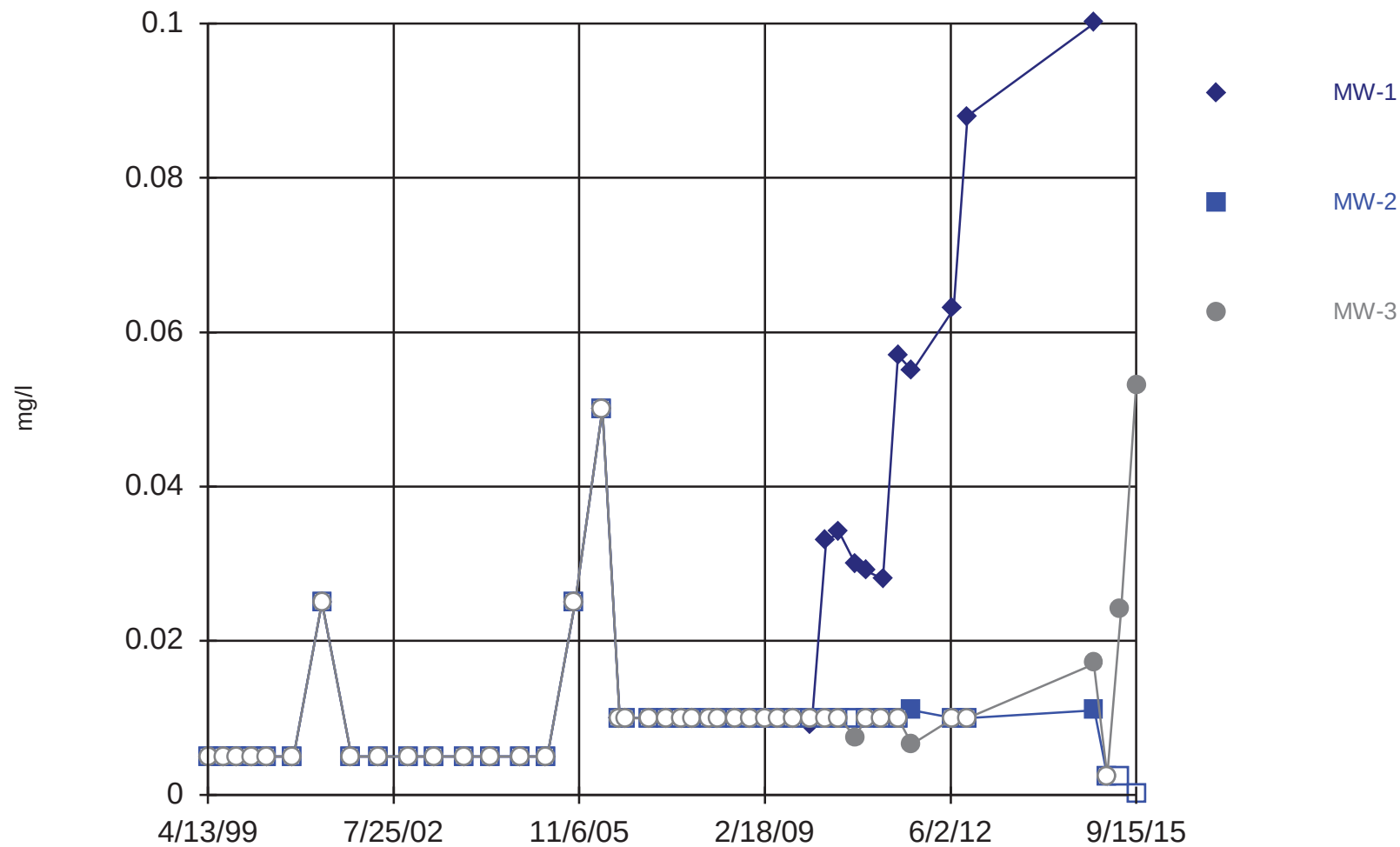
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Time Series

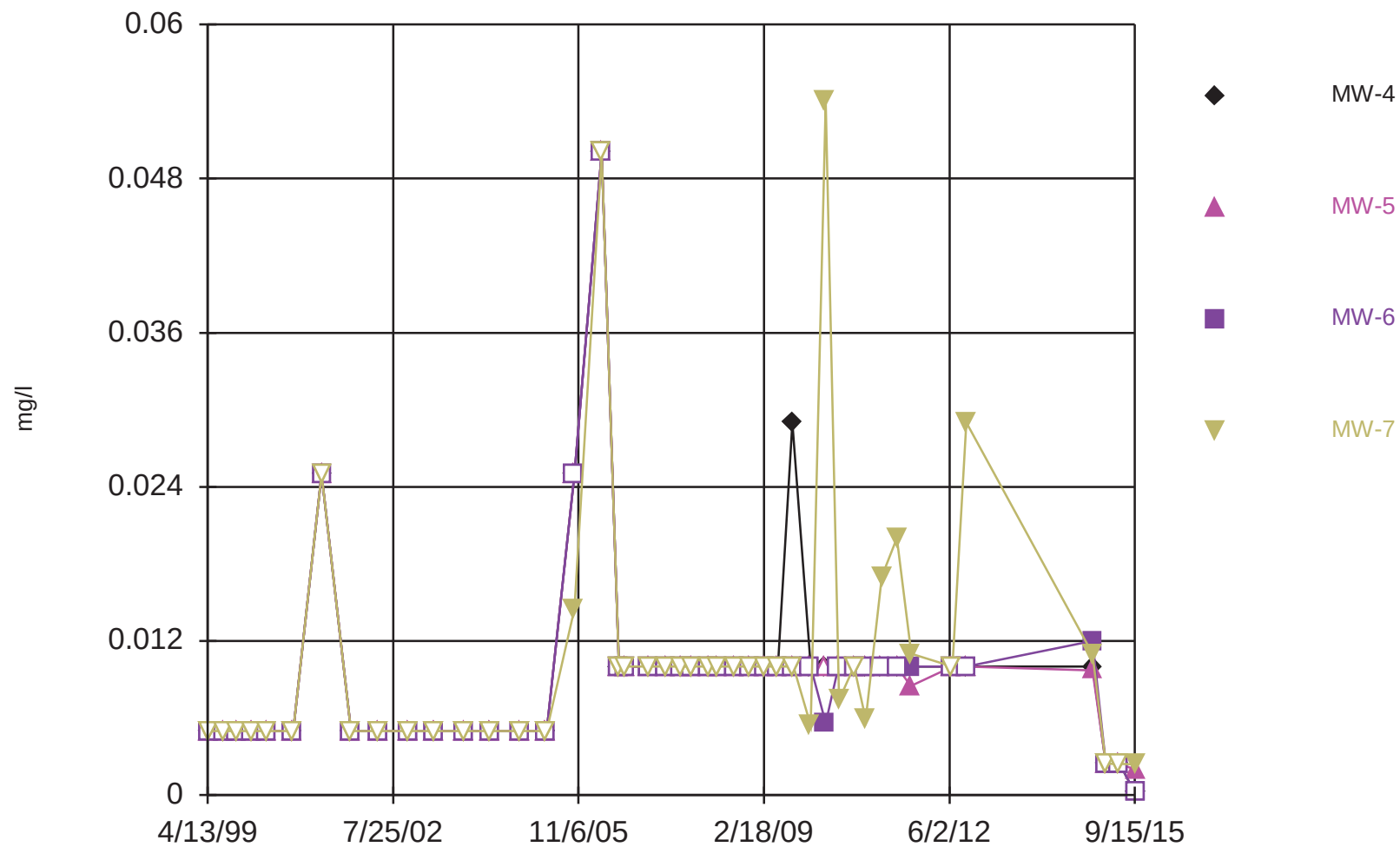


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Time Series

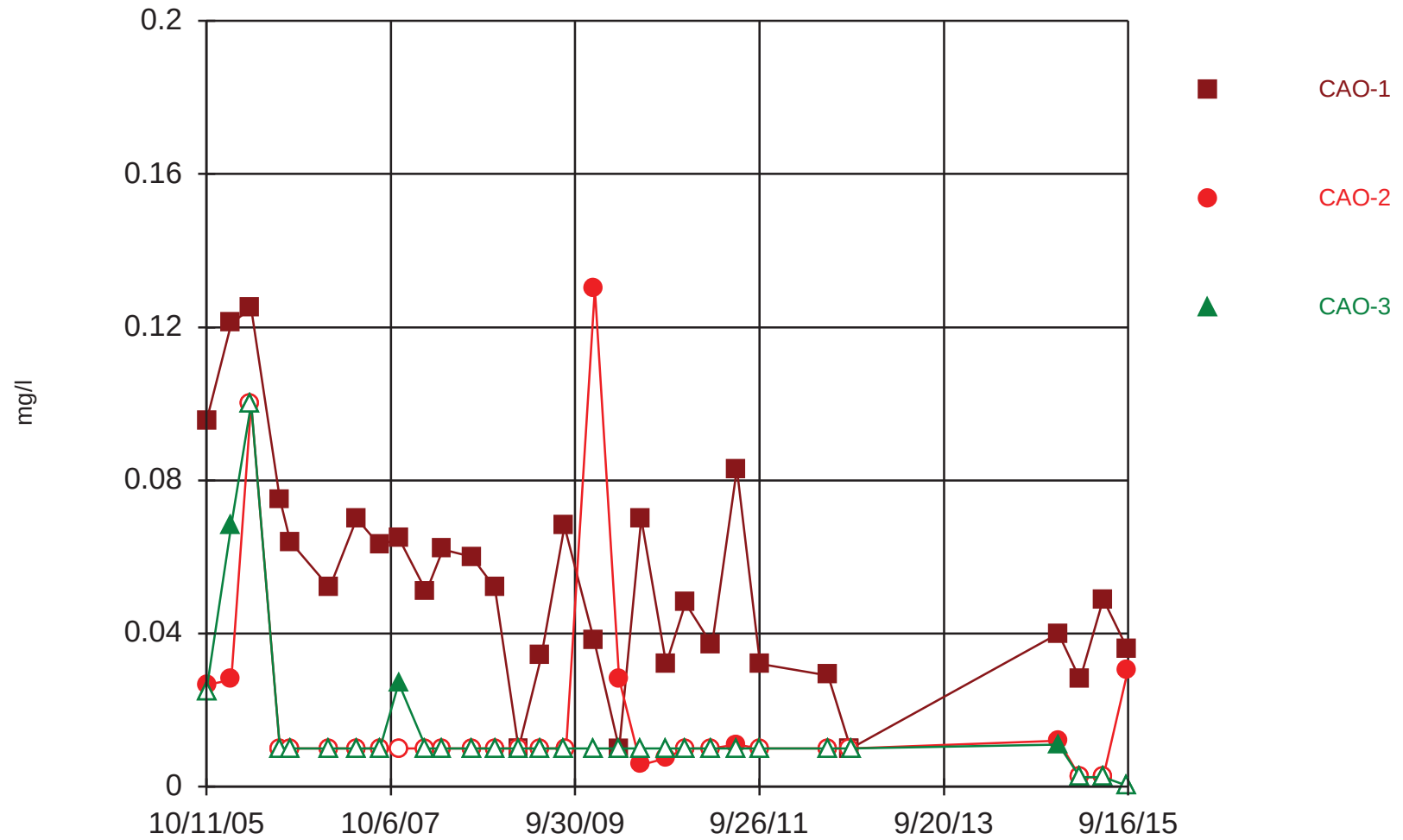


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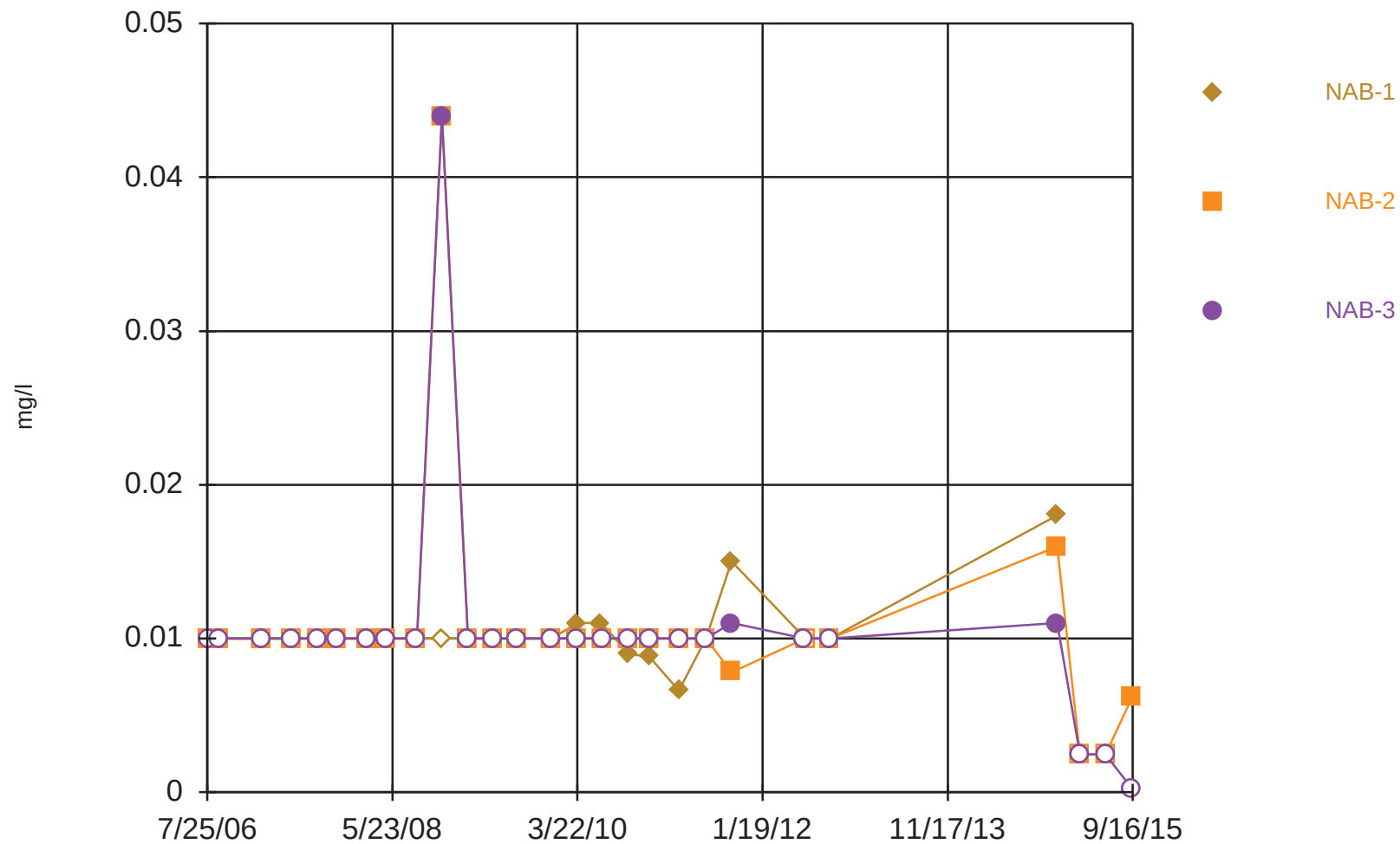


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Time Series



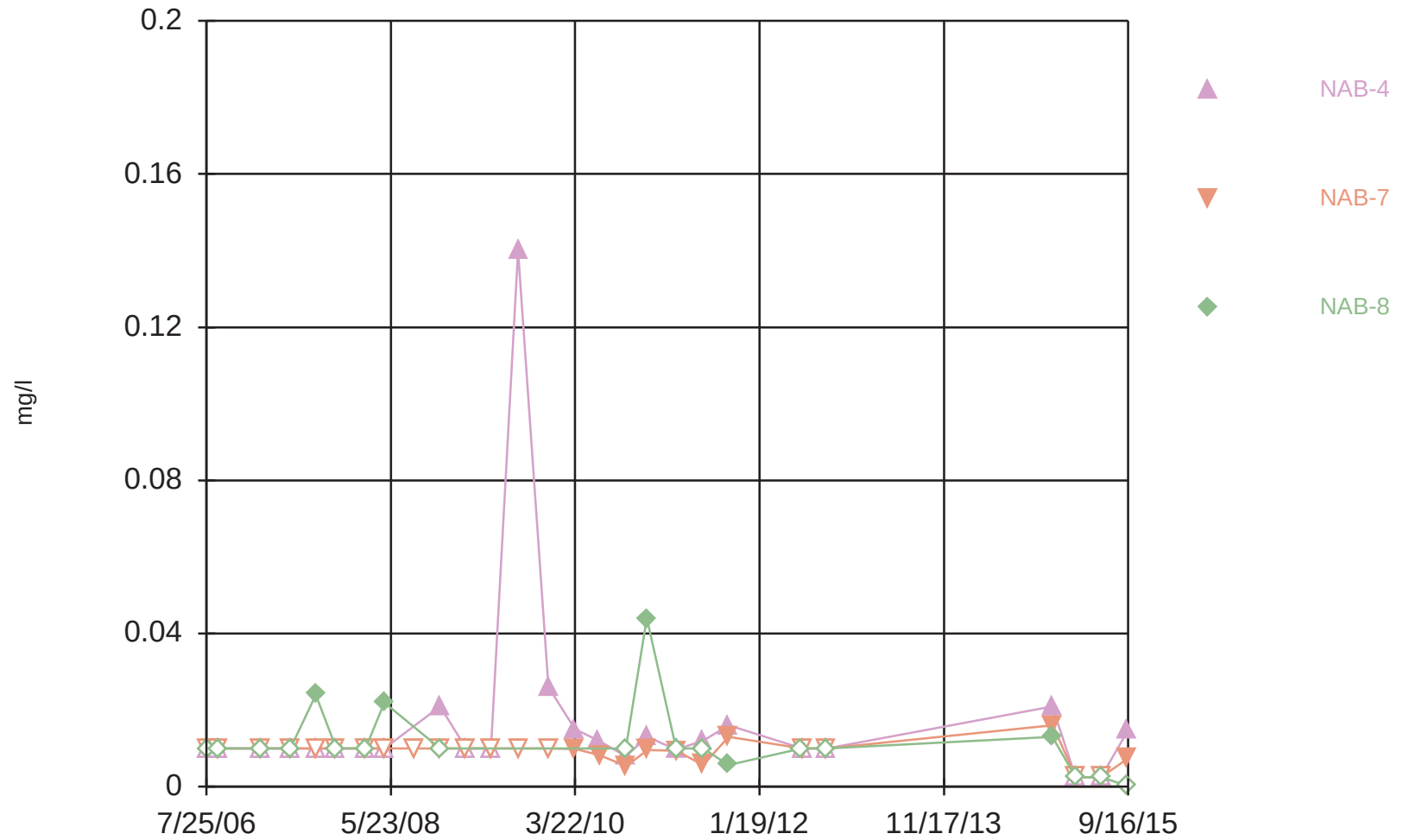
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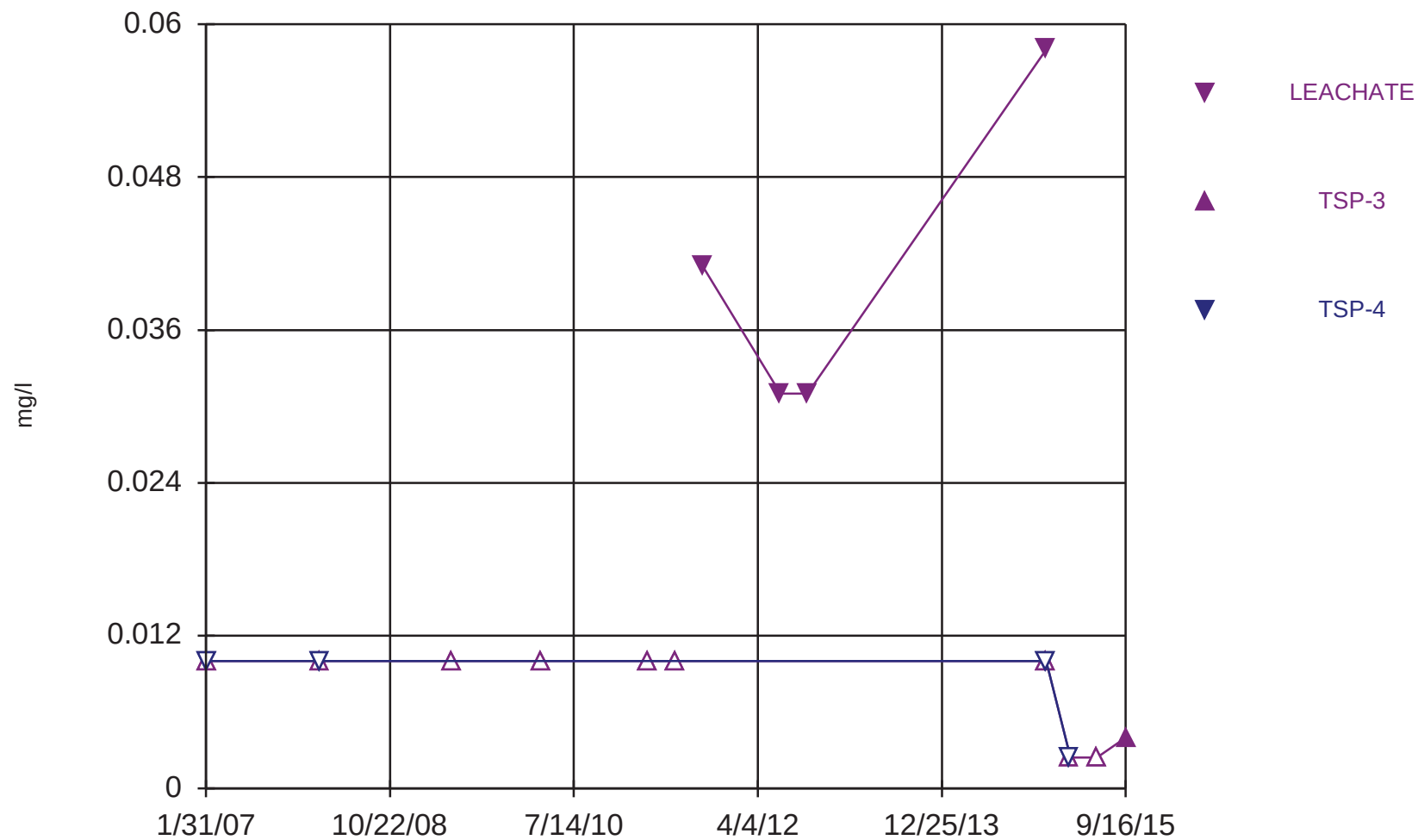
Time Series



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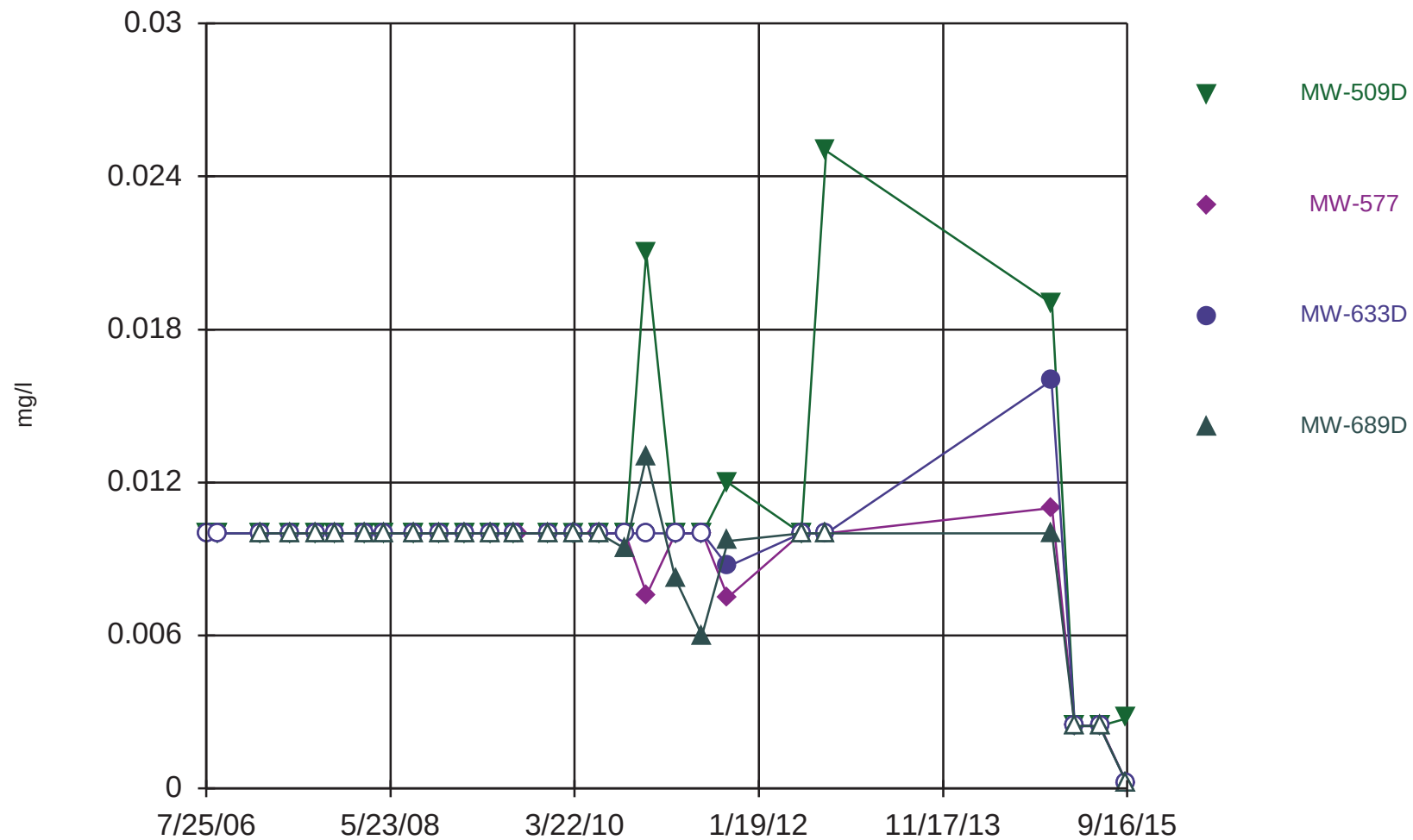
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Time Series



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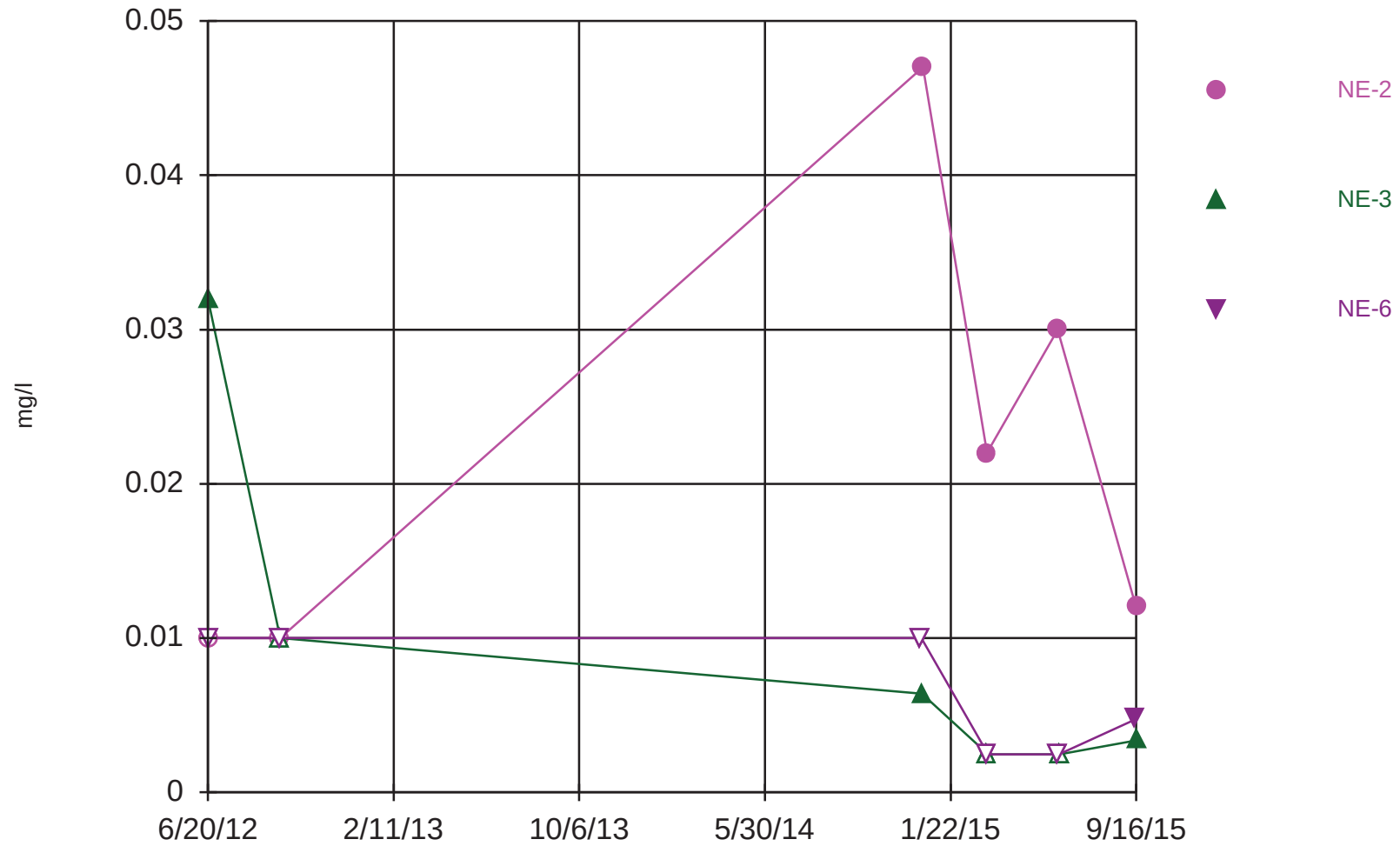
Time Series



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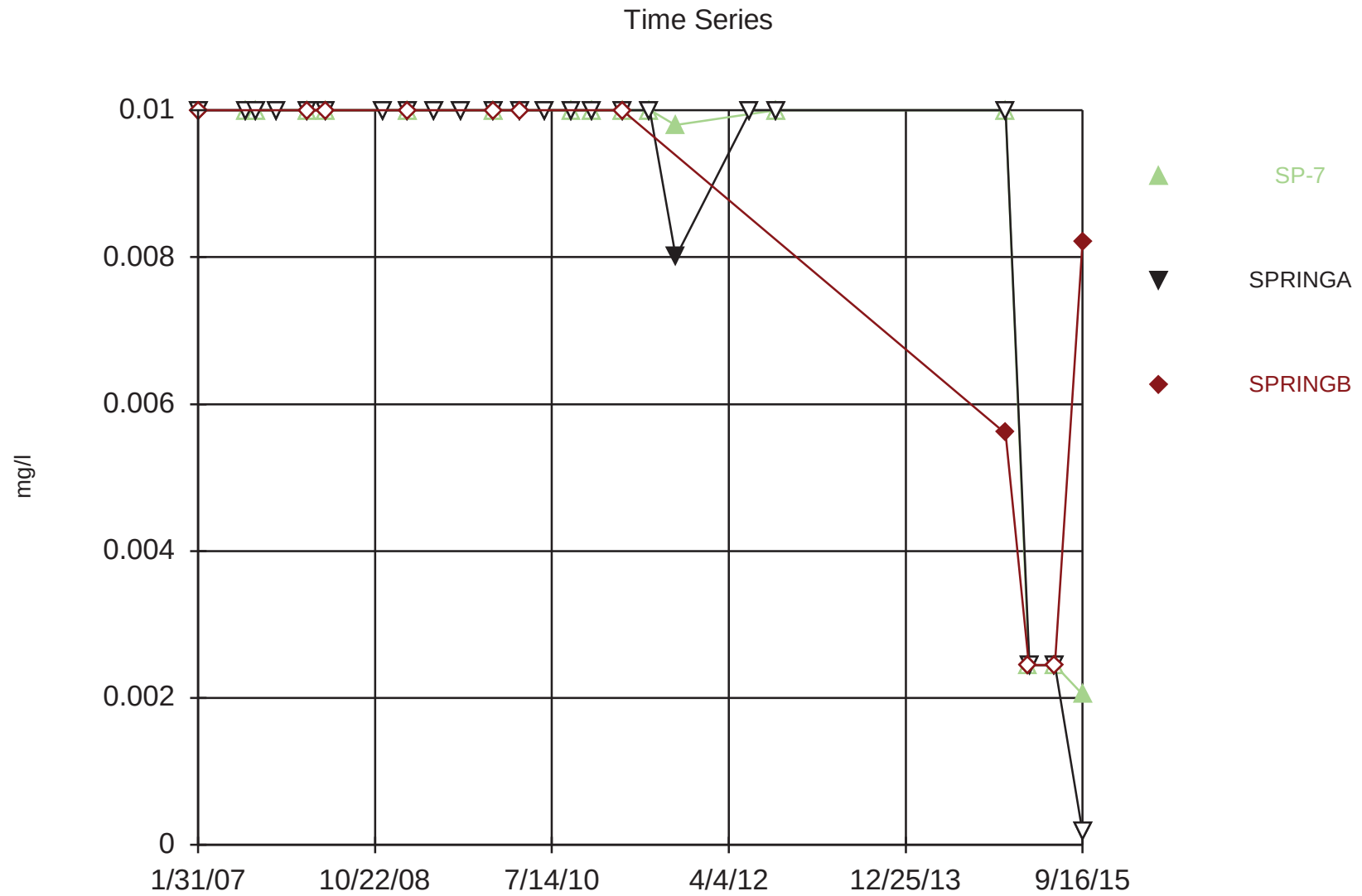
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Time Series



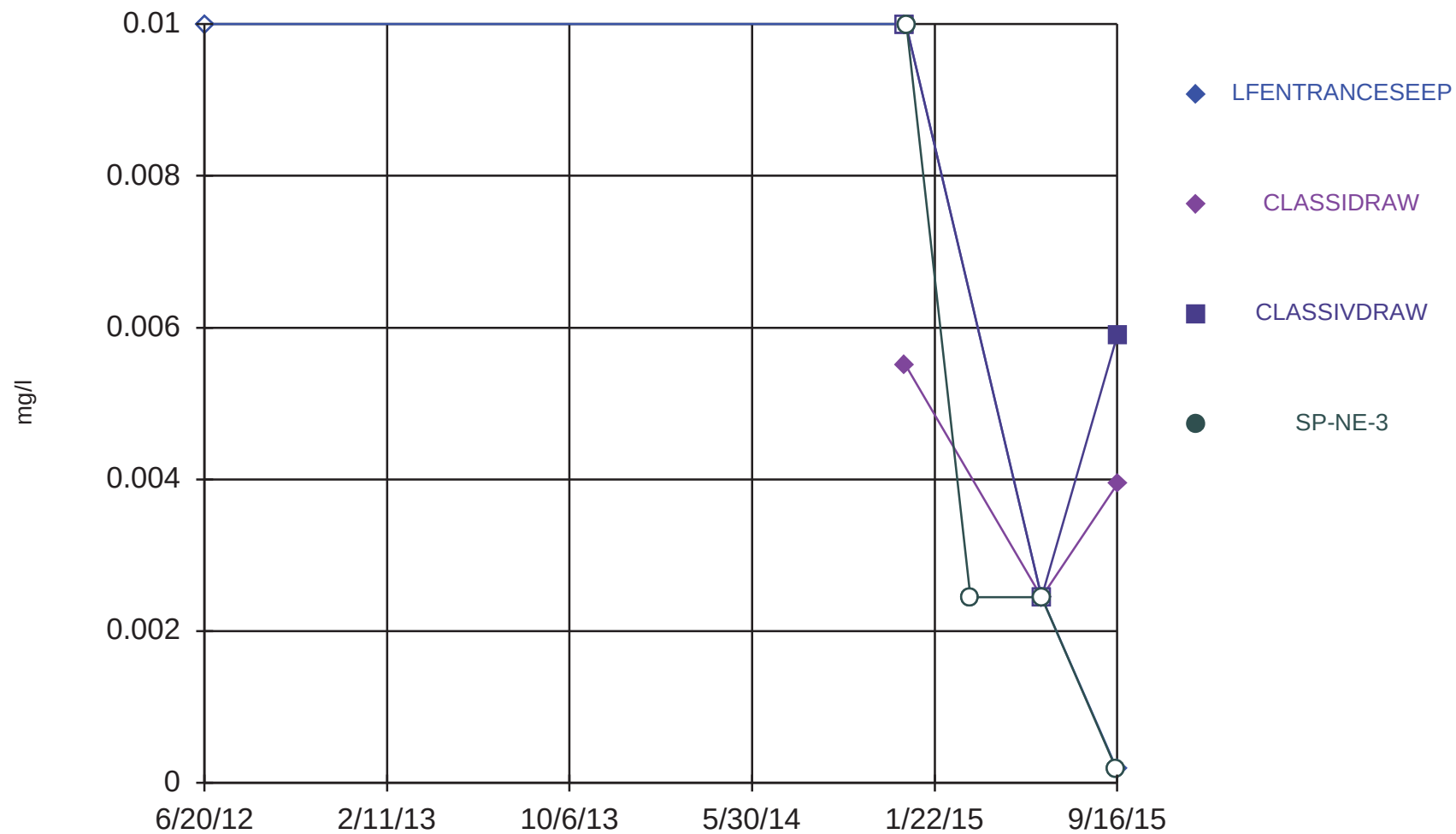
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015



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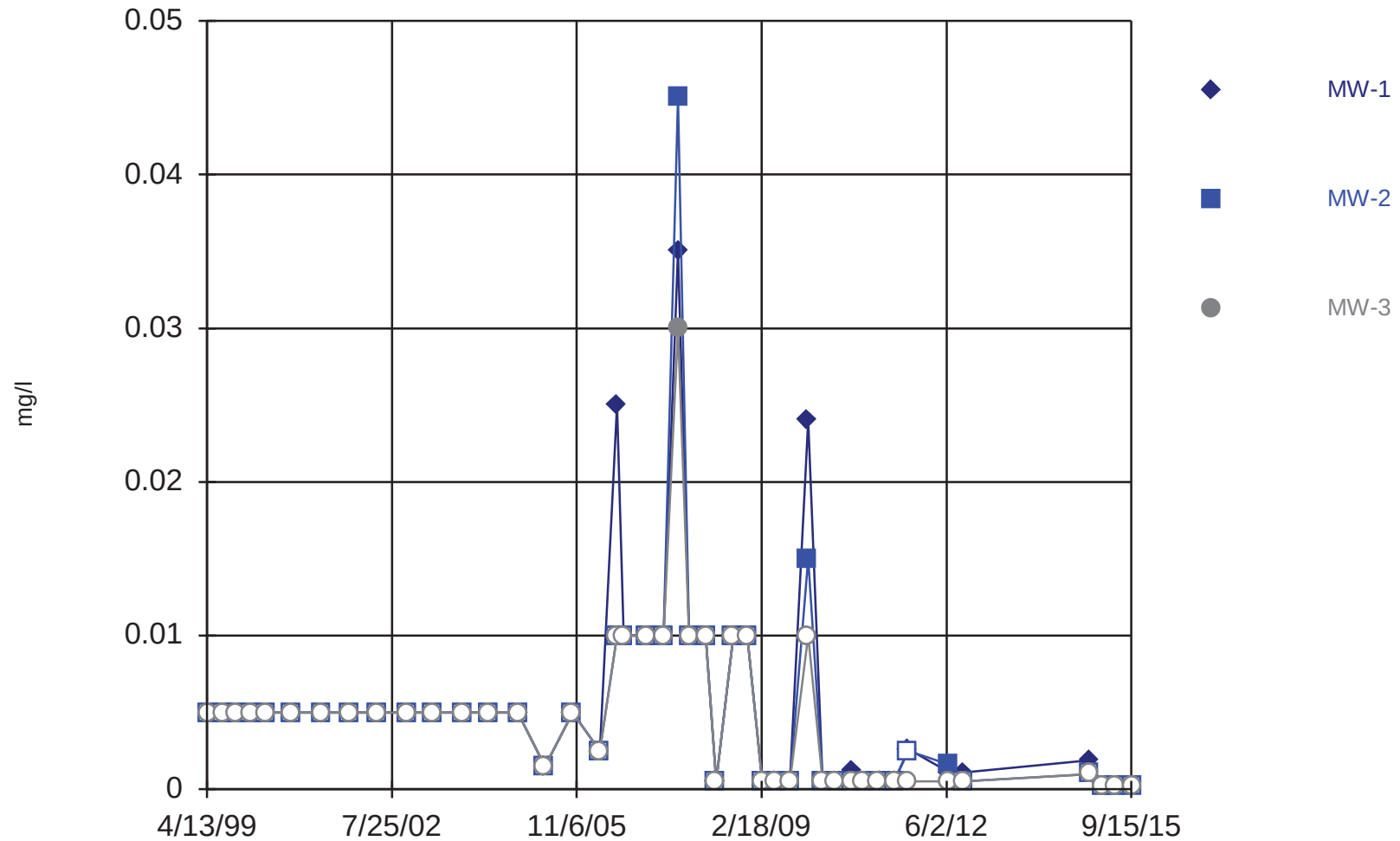
Time Series



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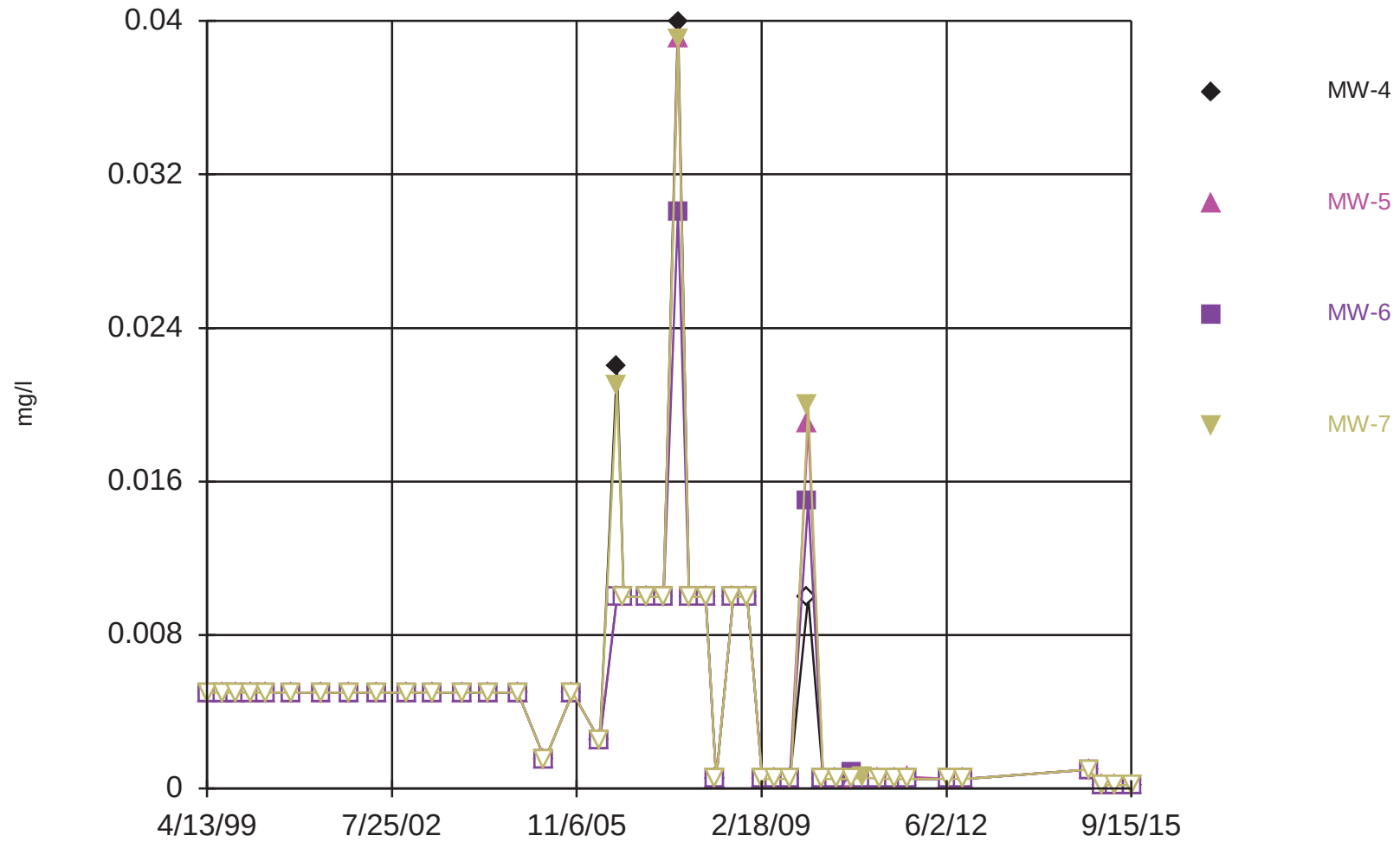
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Time Series



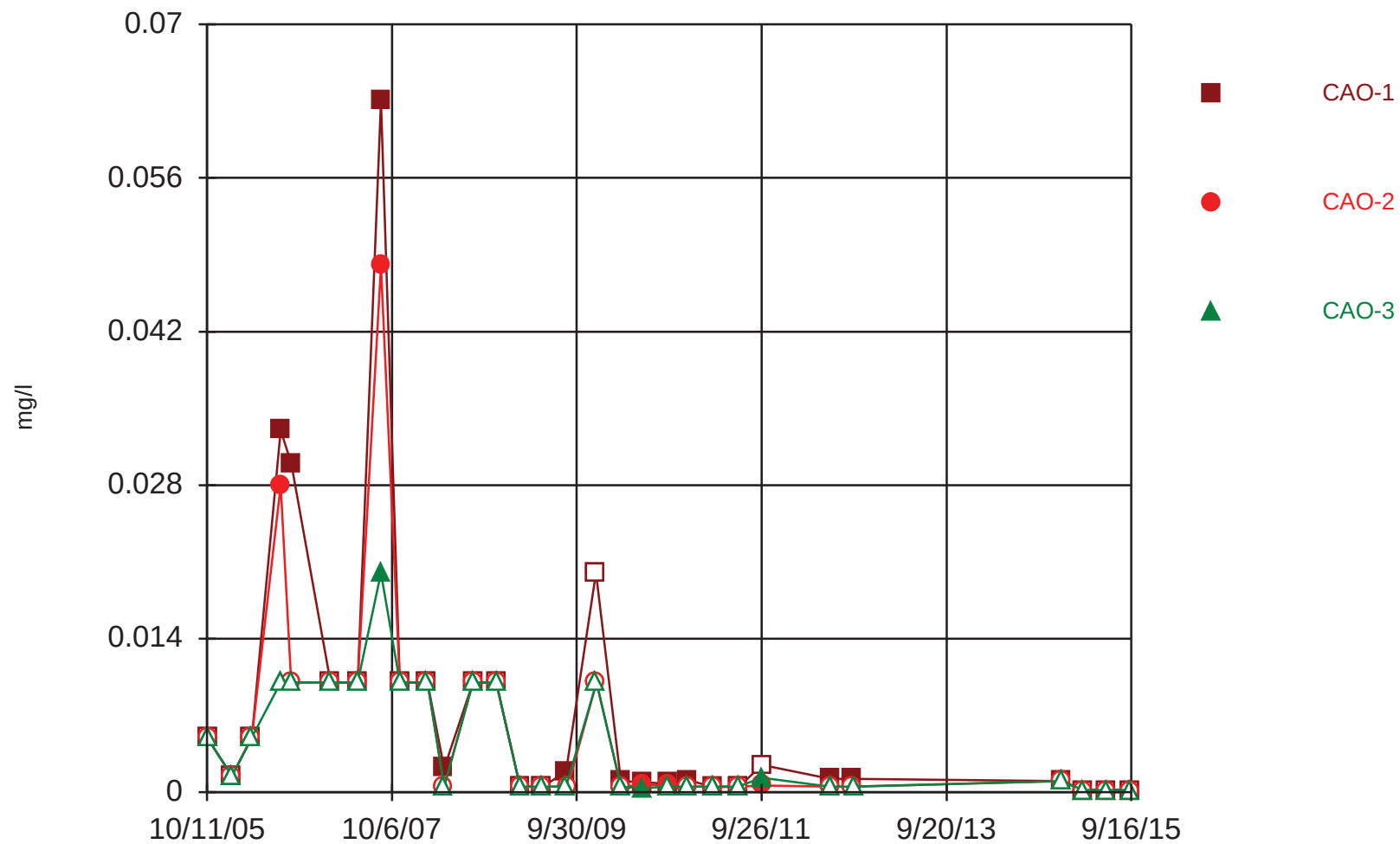
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



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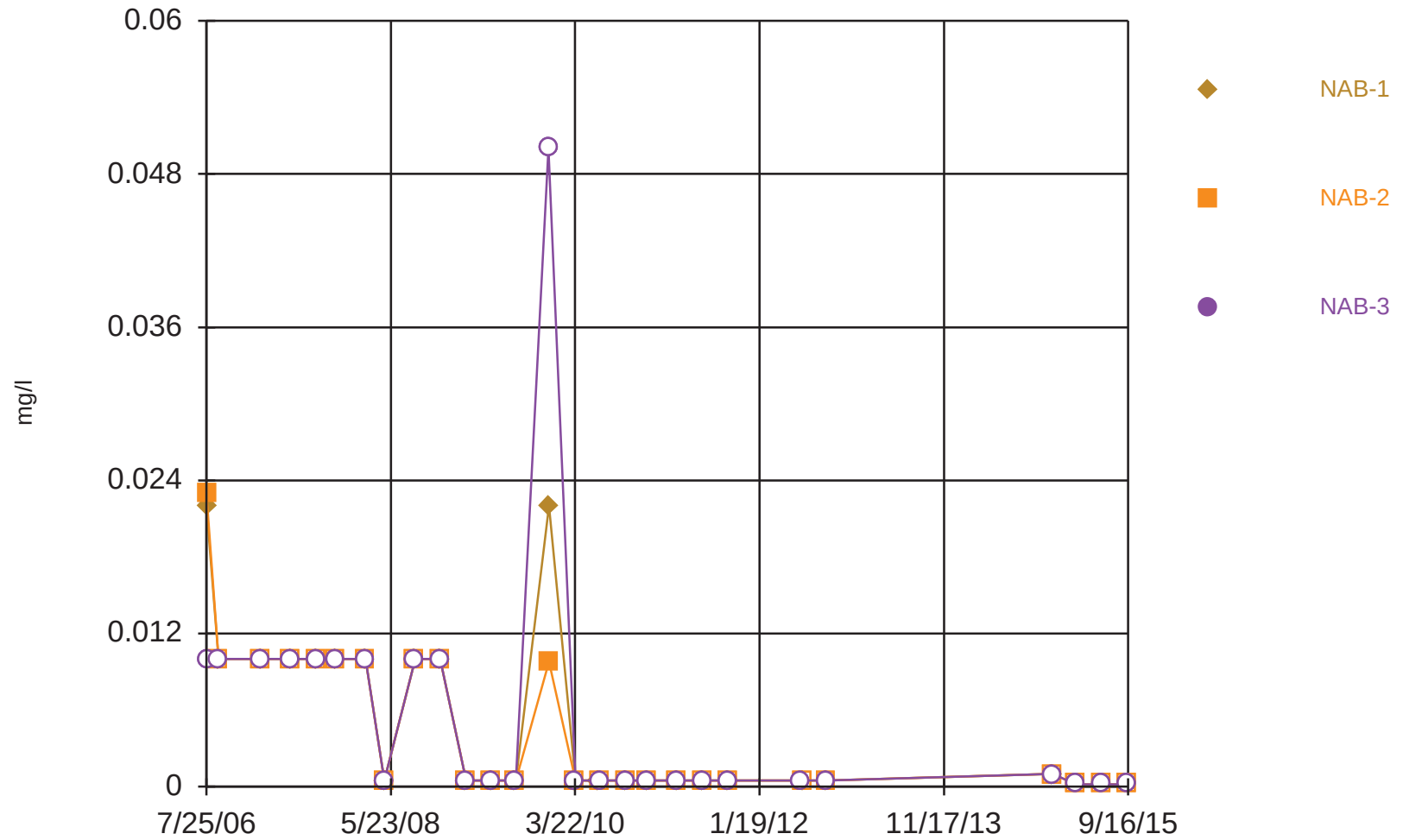
Time Series



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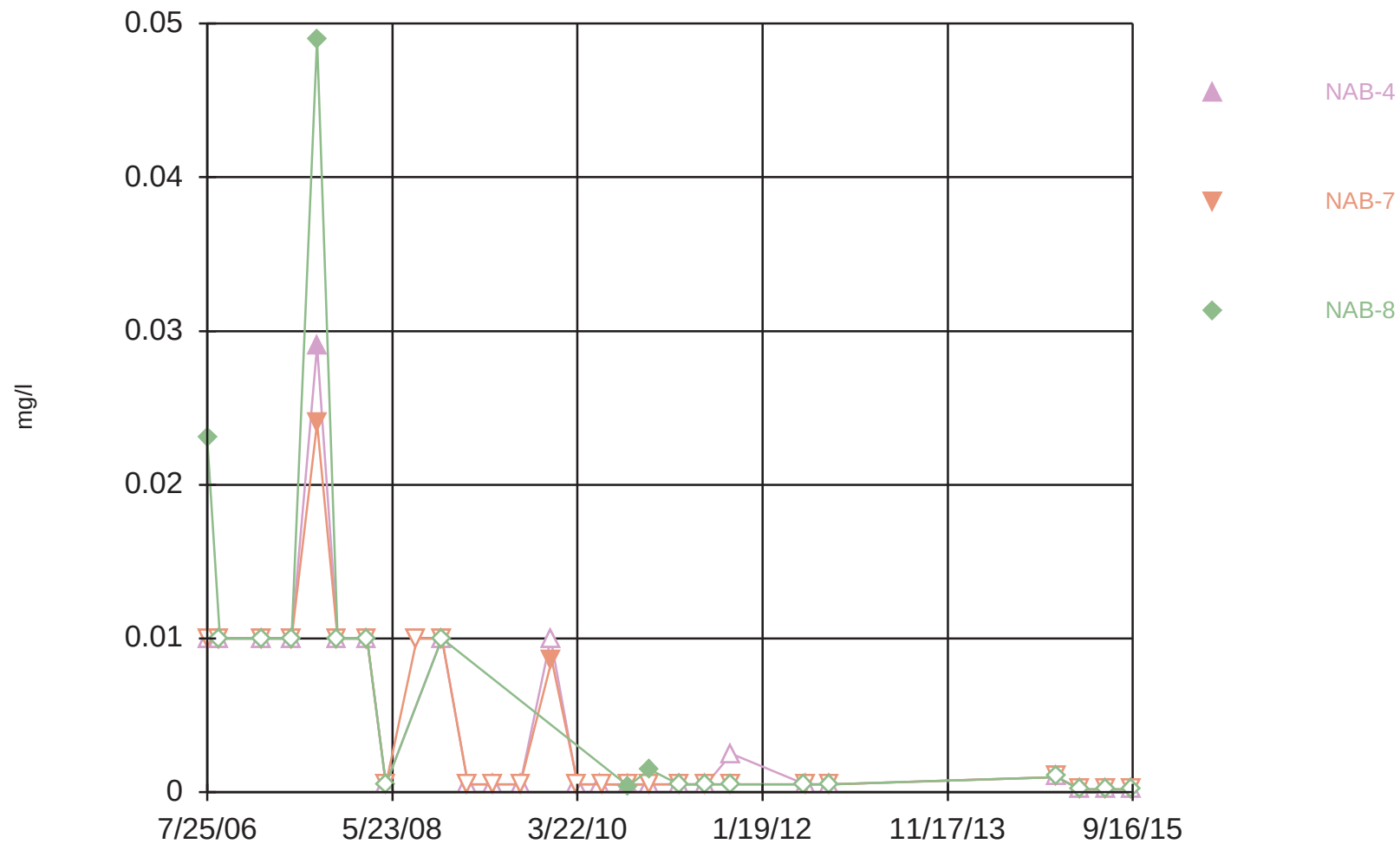
Time Series



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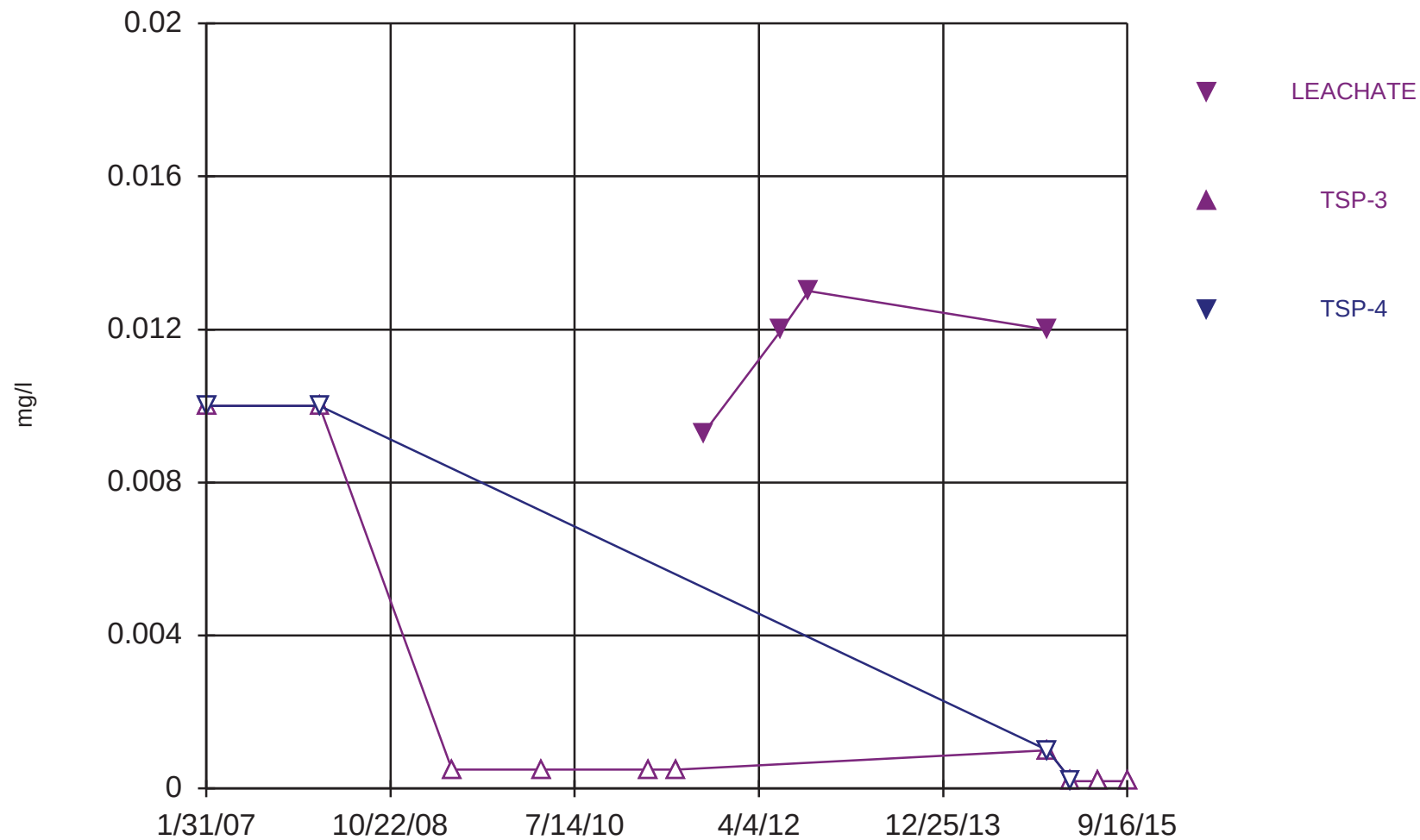
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Time Series



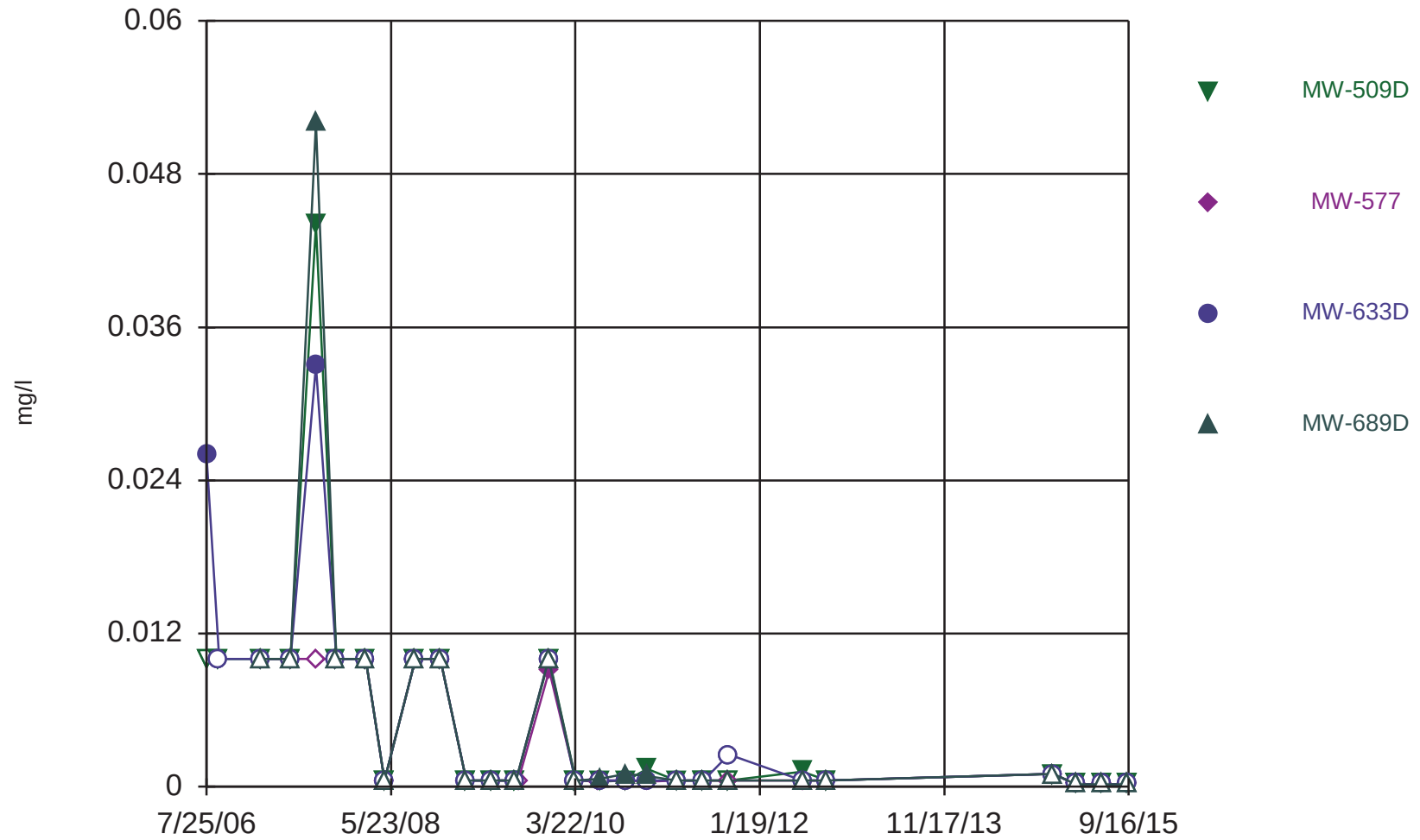
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Time Series



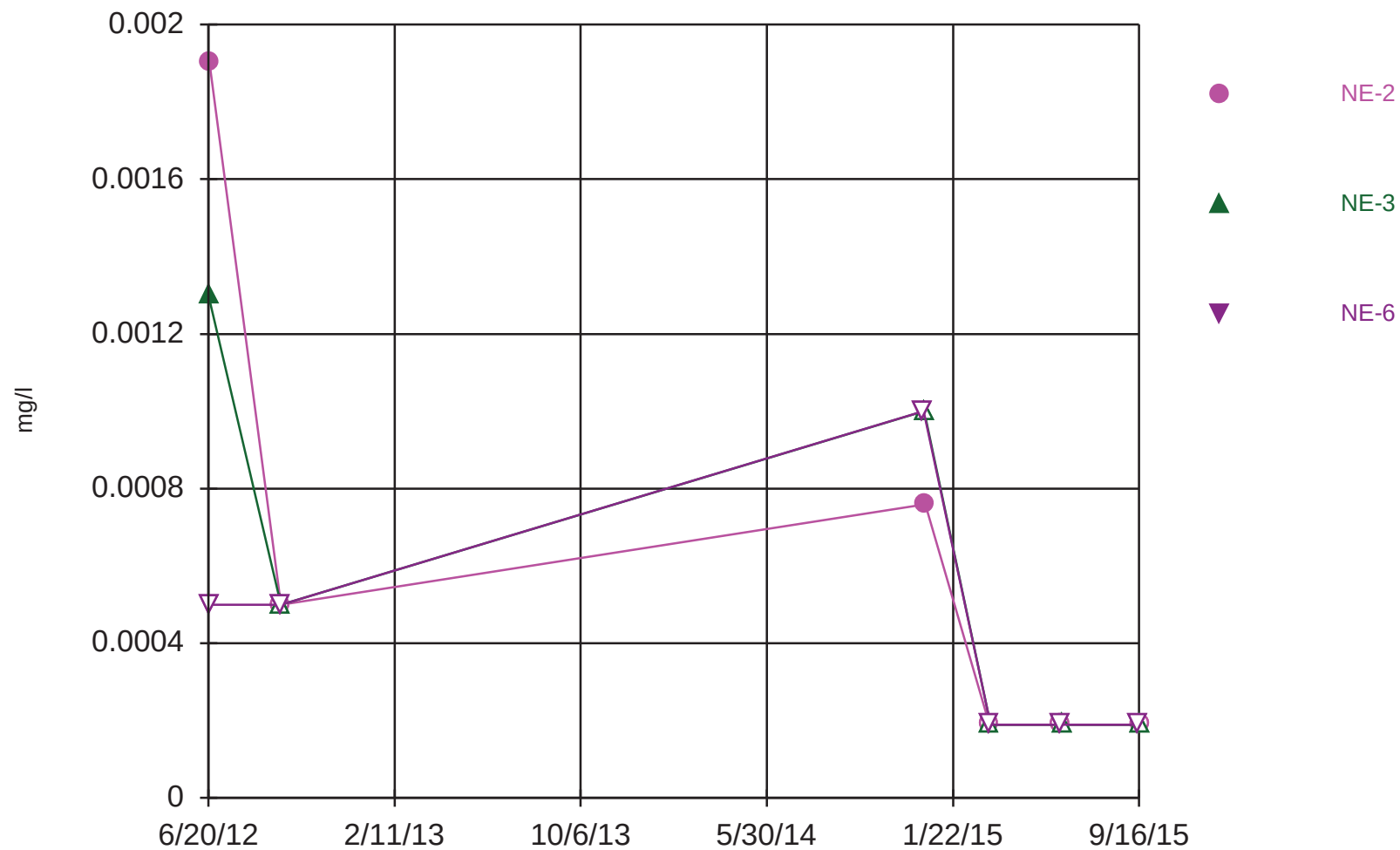
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



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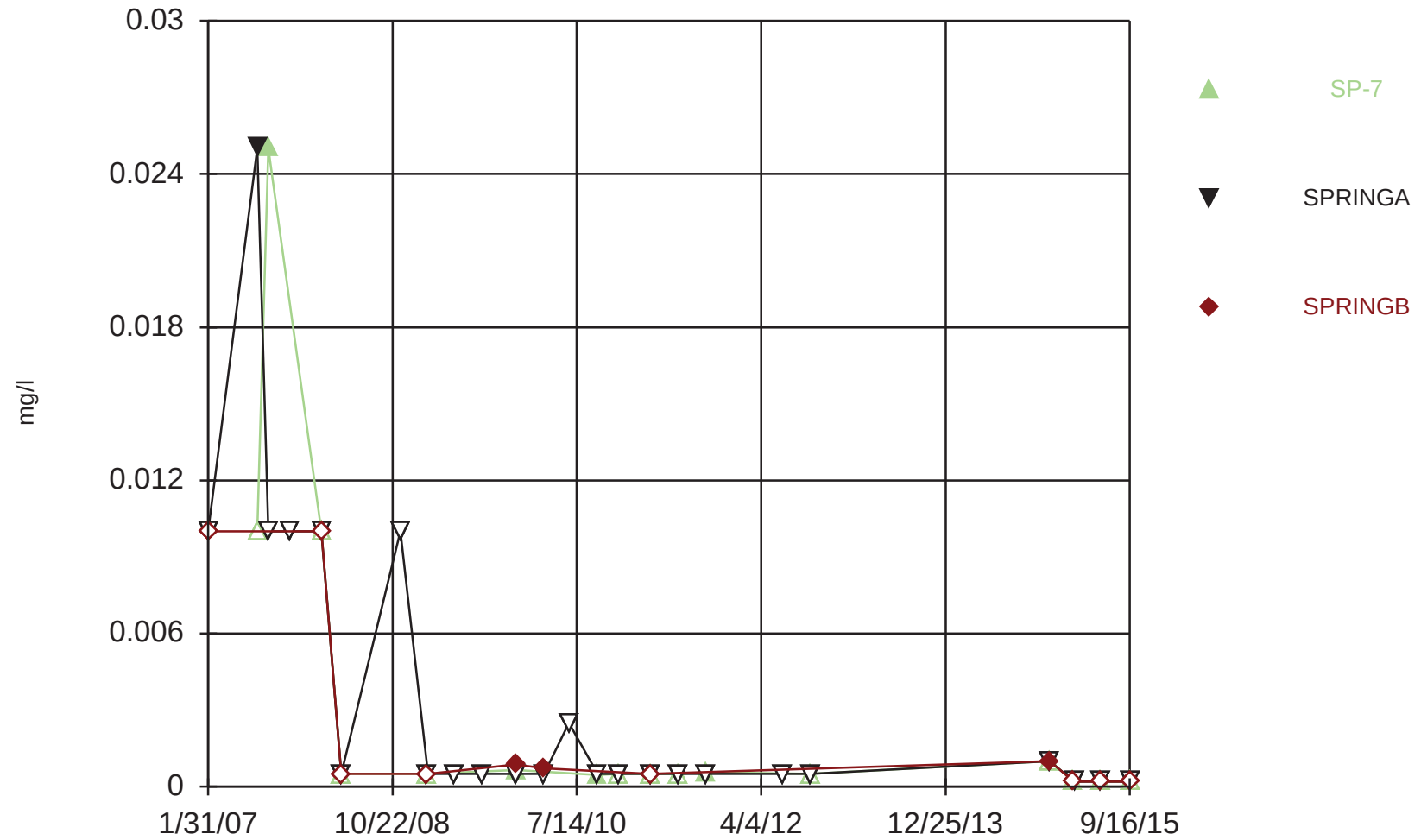
Time Series



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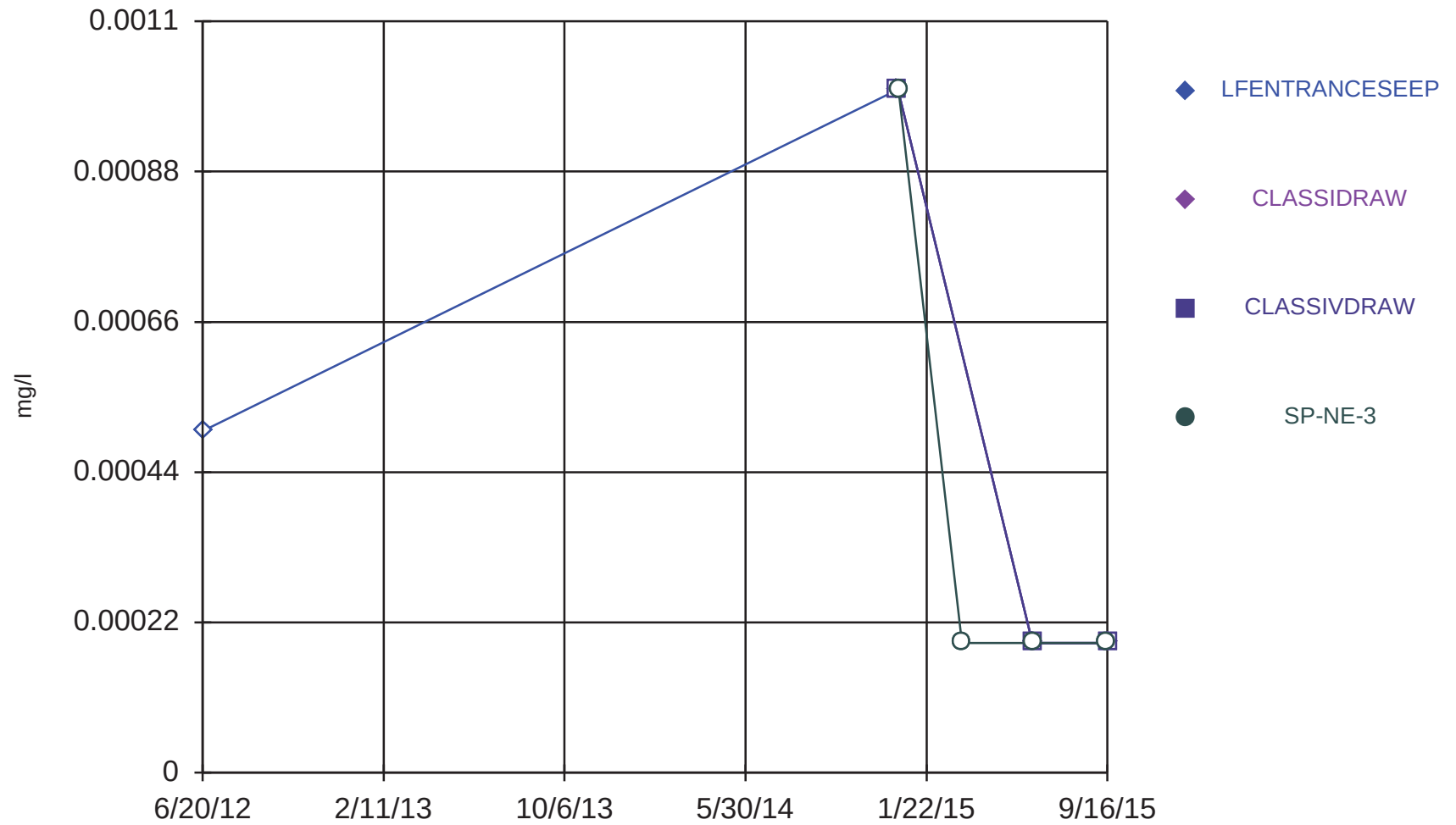
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Time Series



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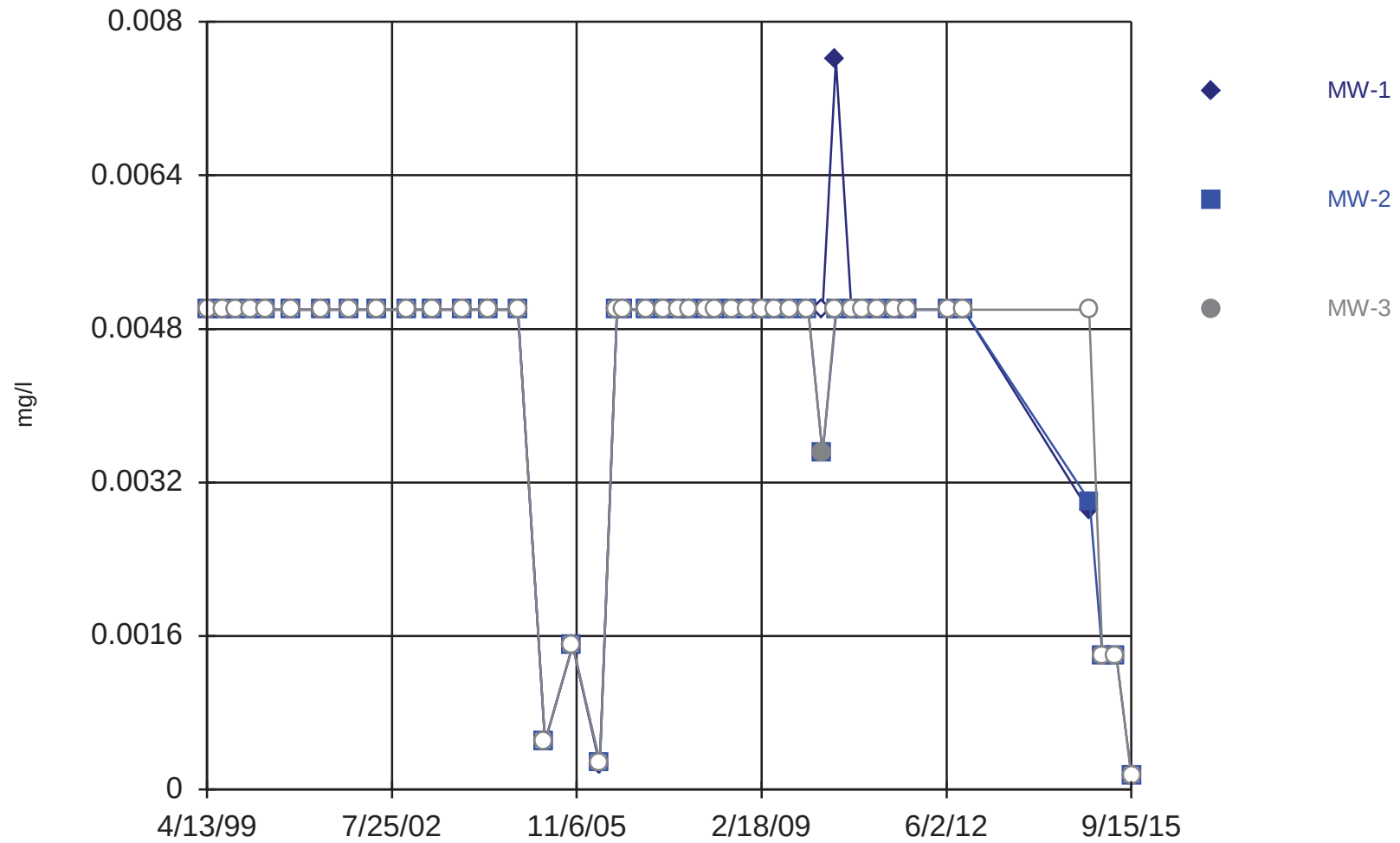
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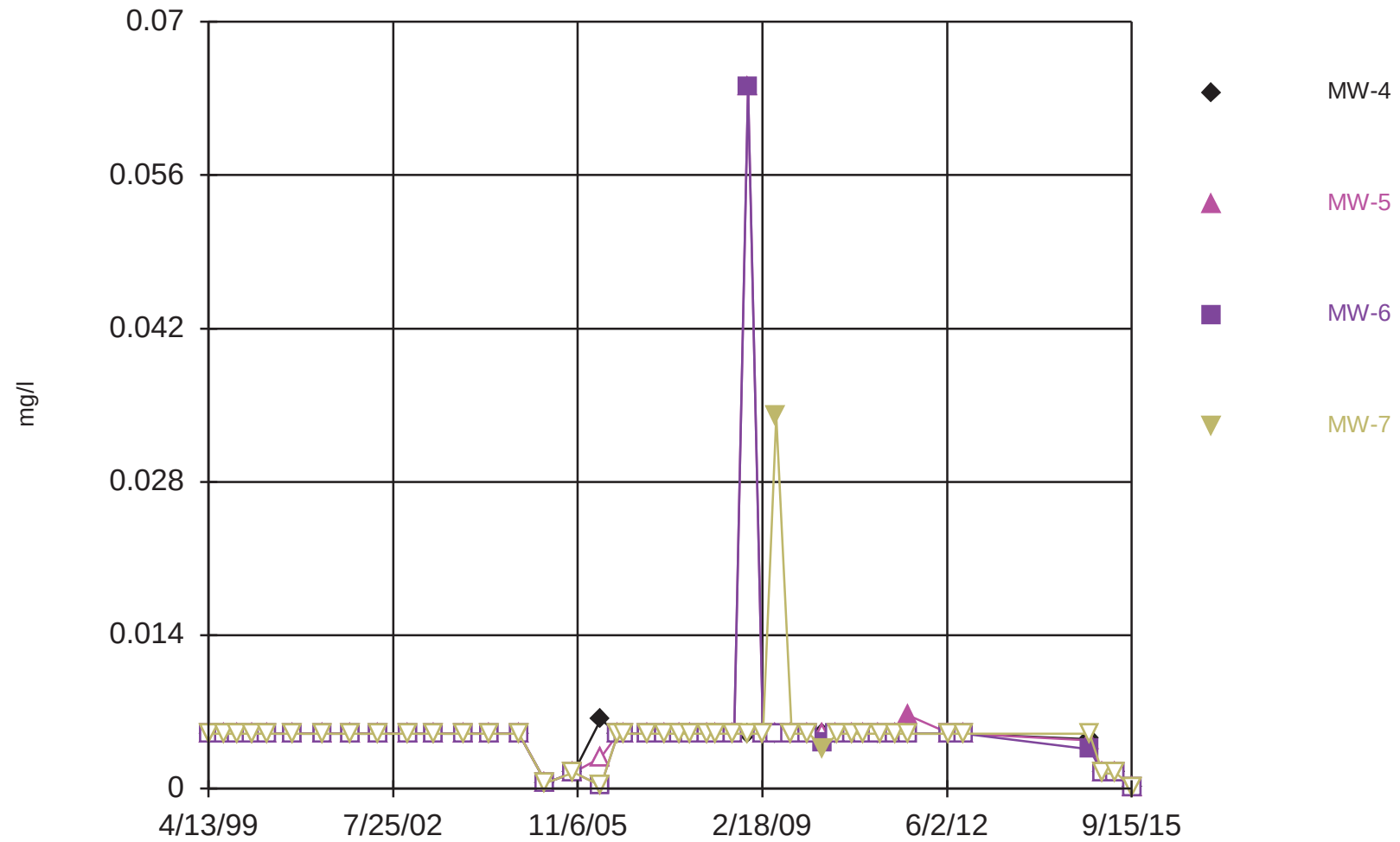
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Time Series



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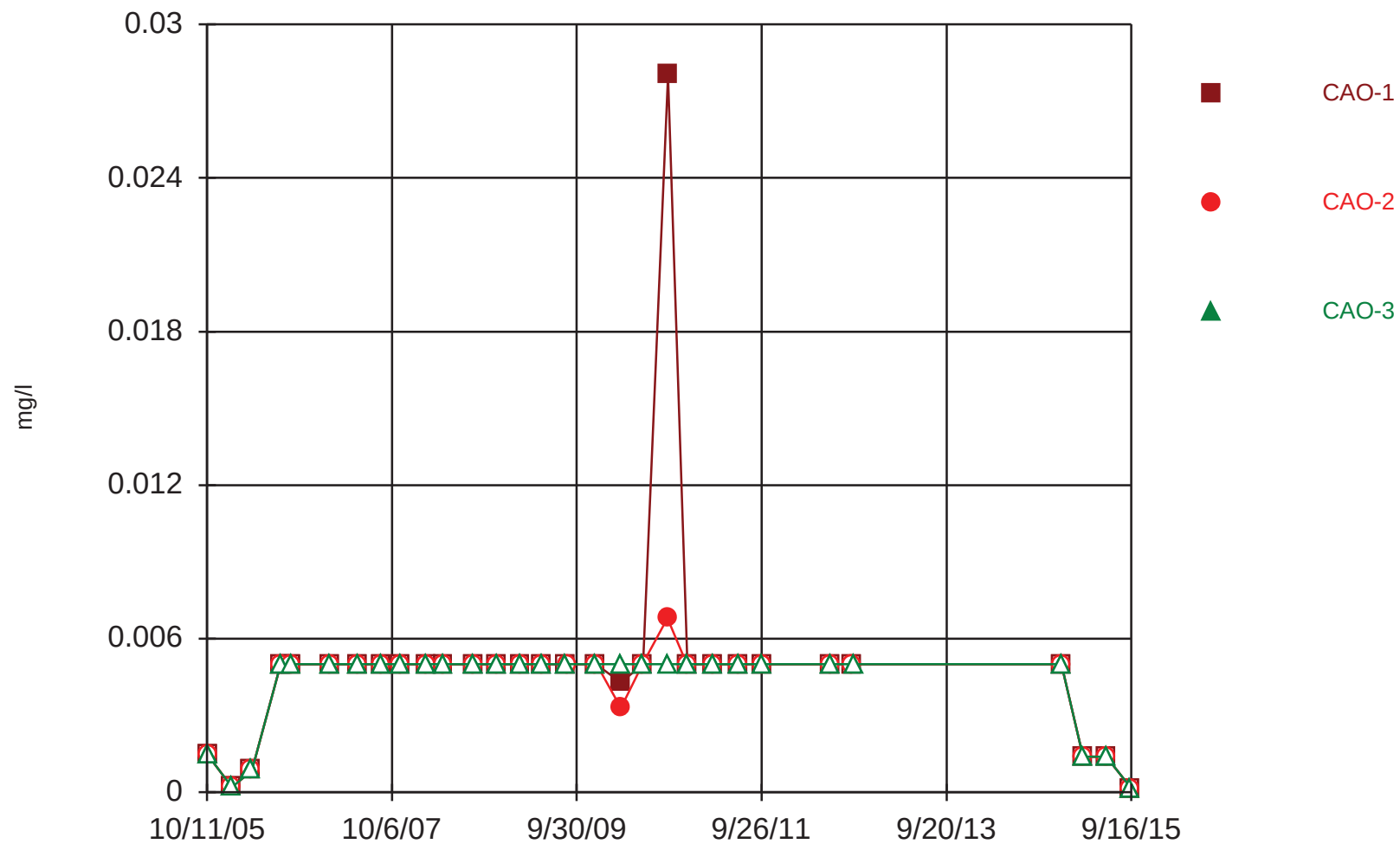
Time Series



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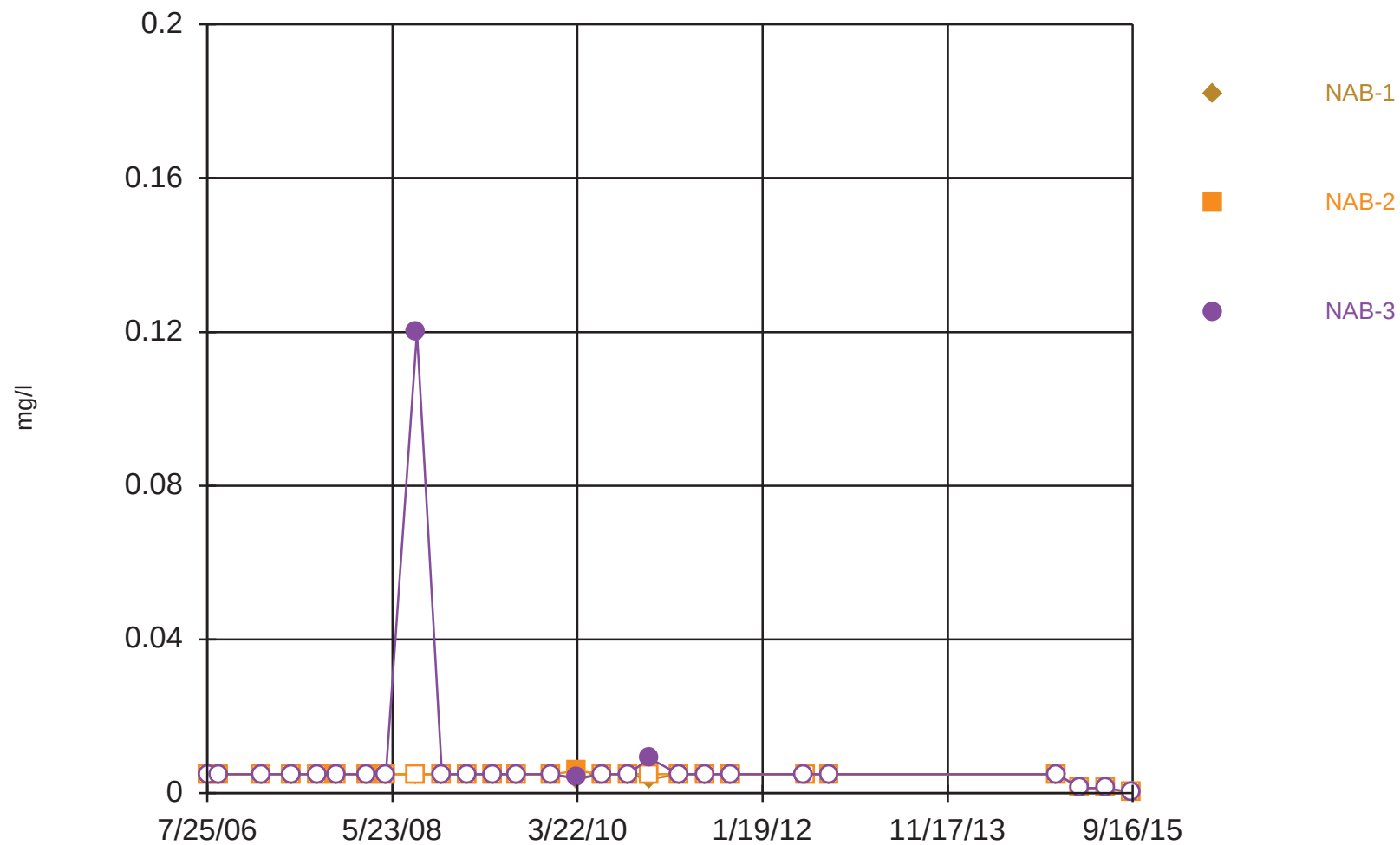
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Time Series



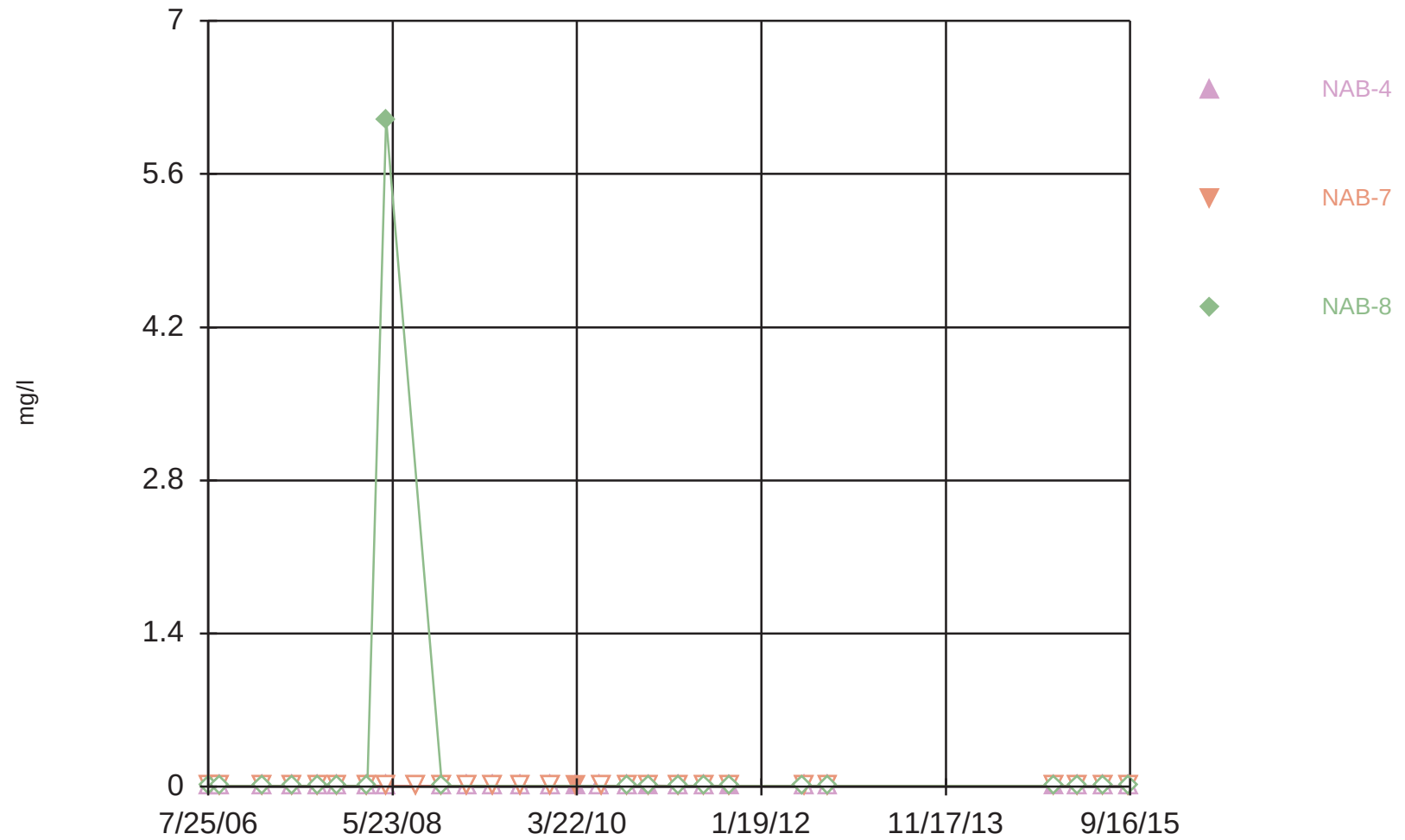
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Time Series

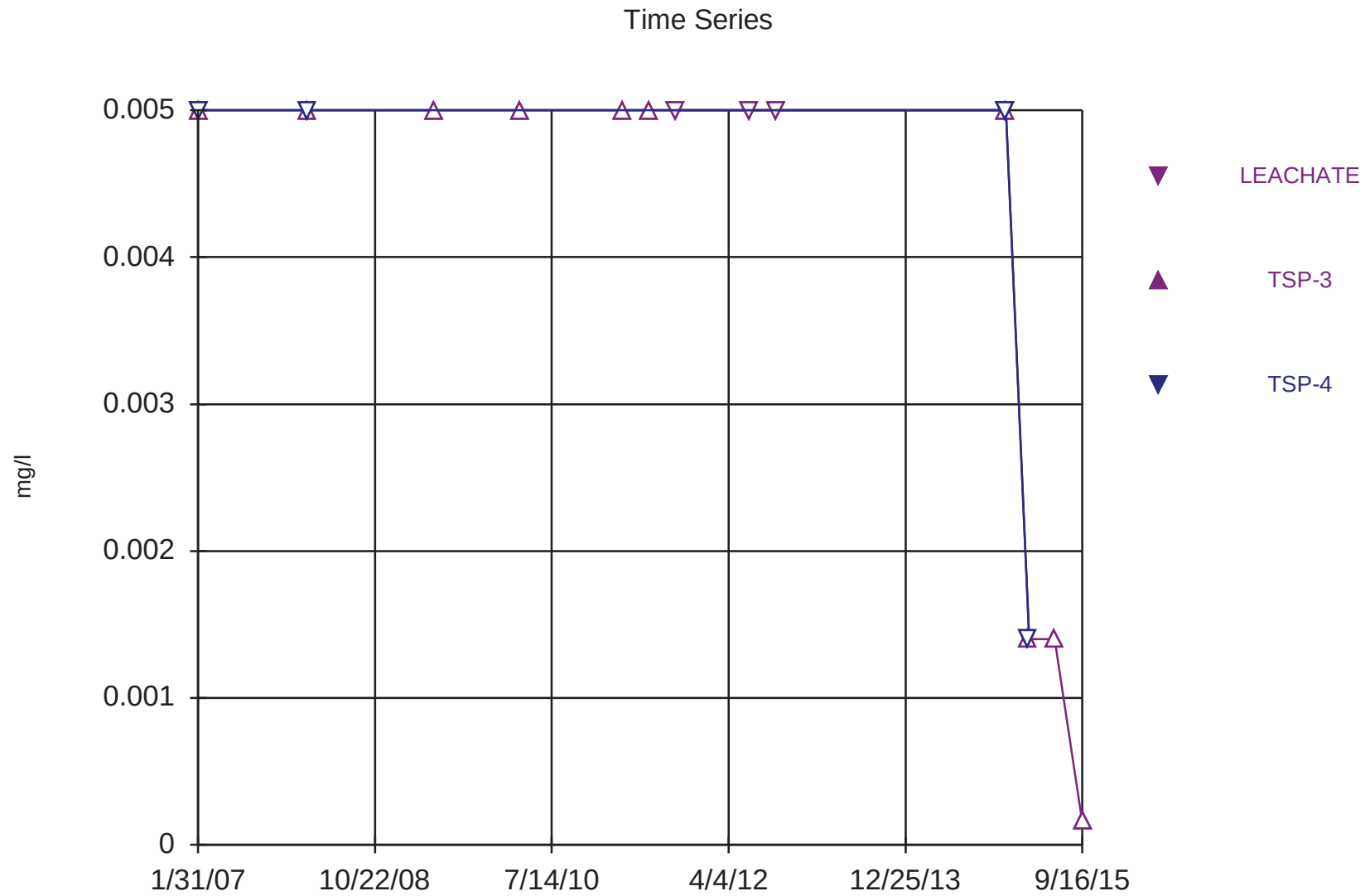


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Time Series

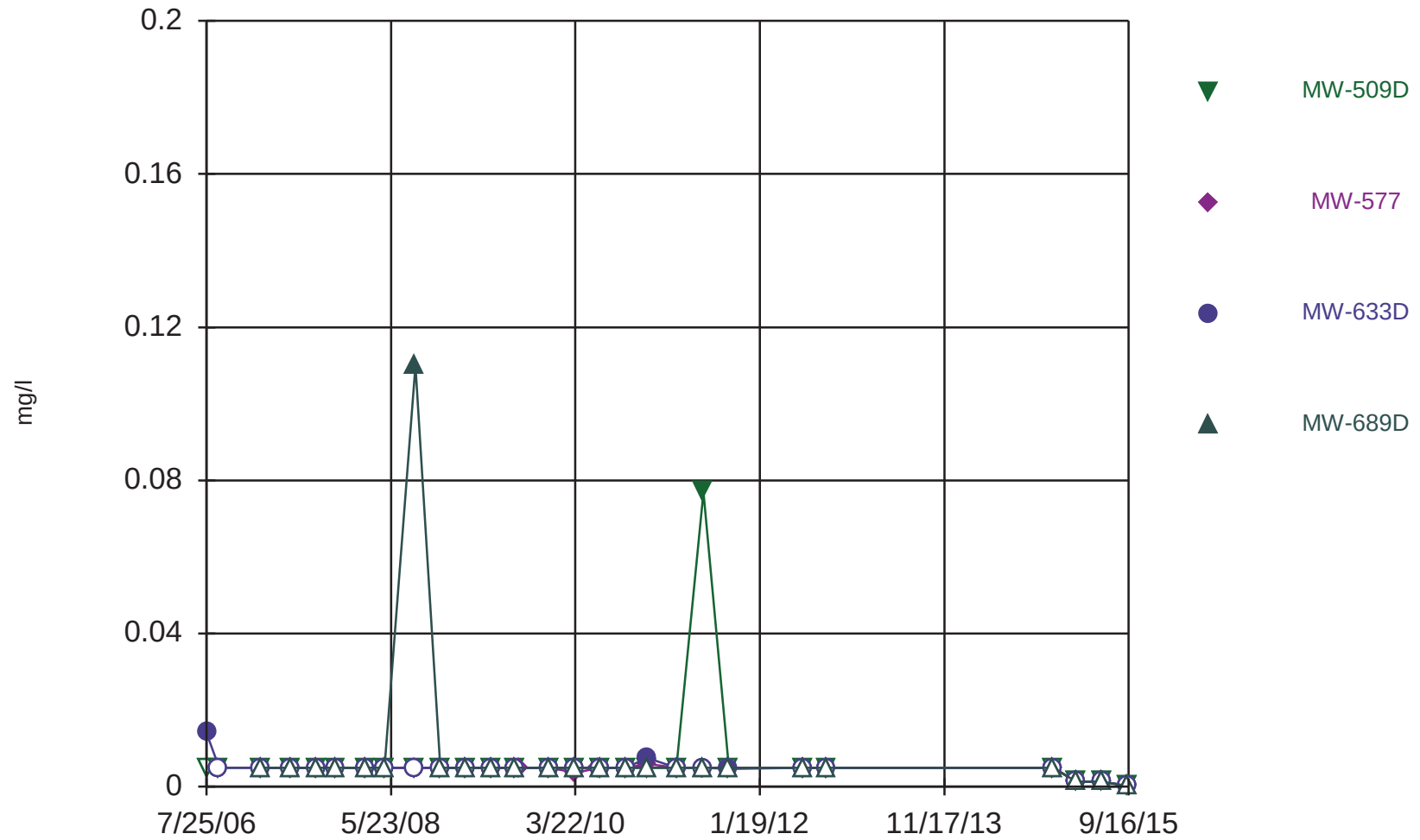


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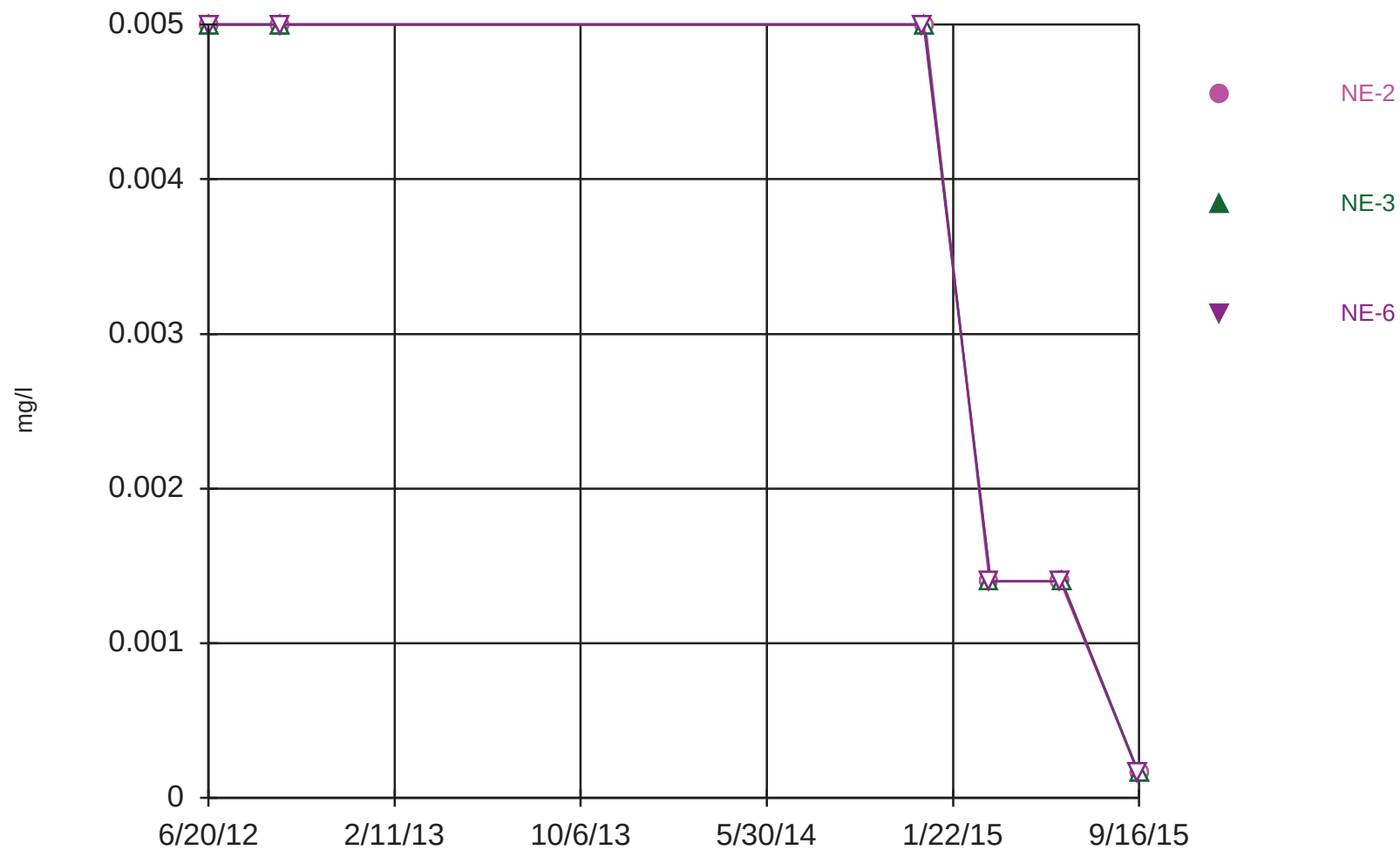
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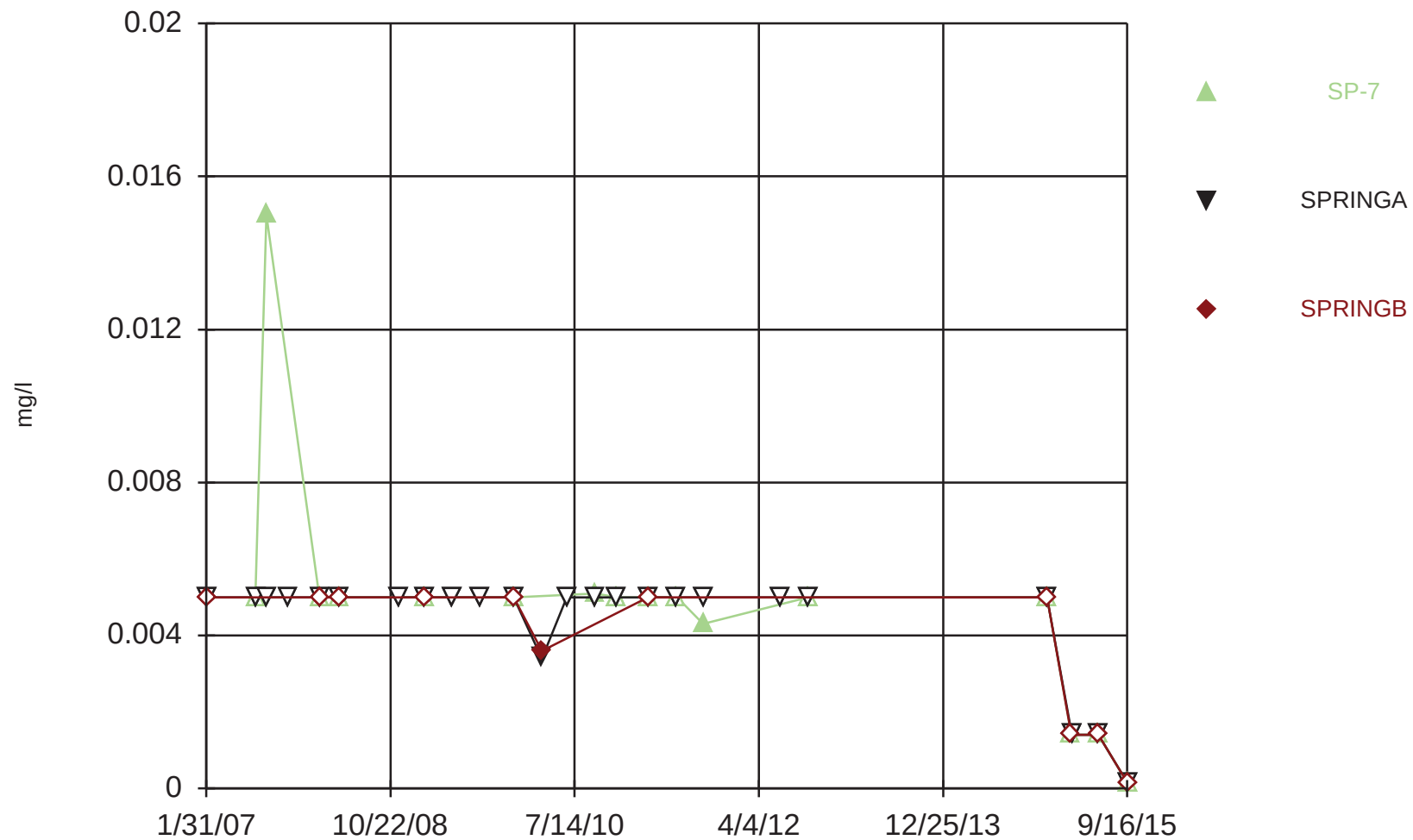
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Time Series



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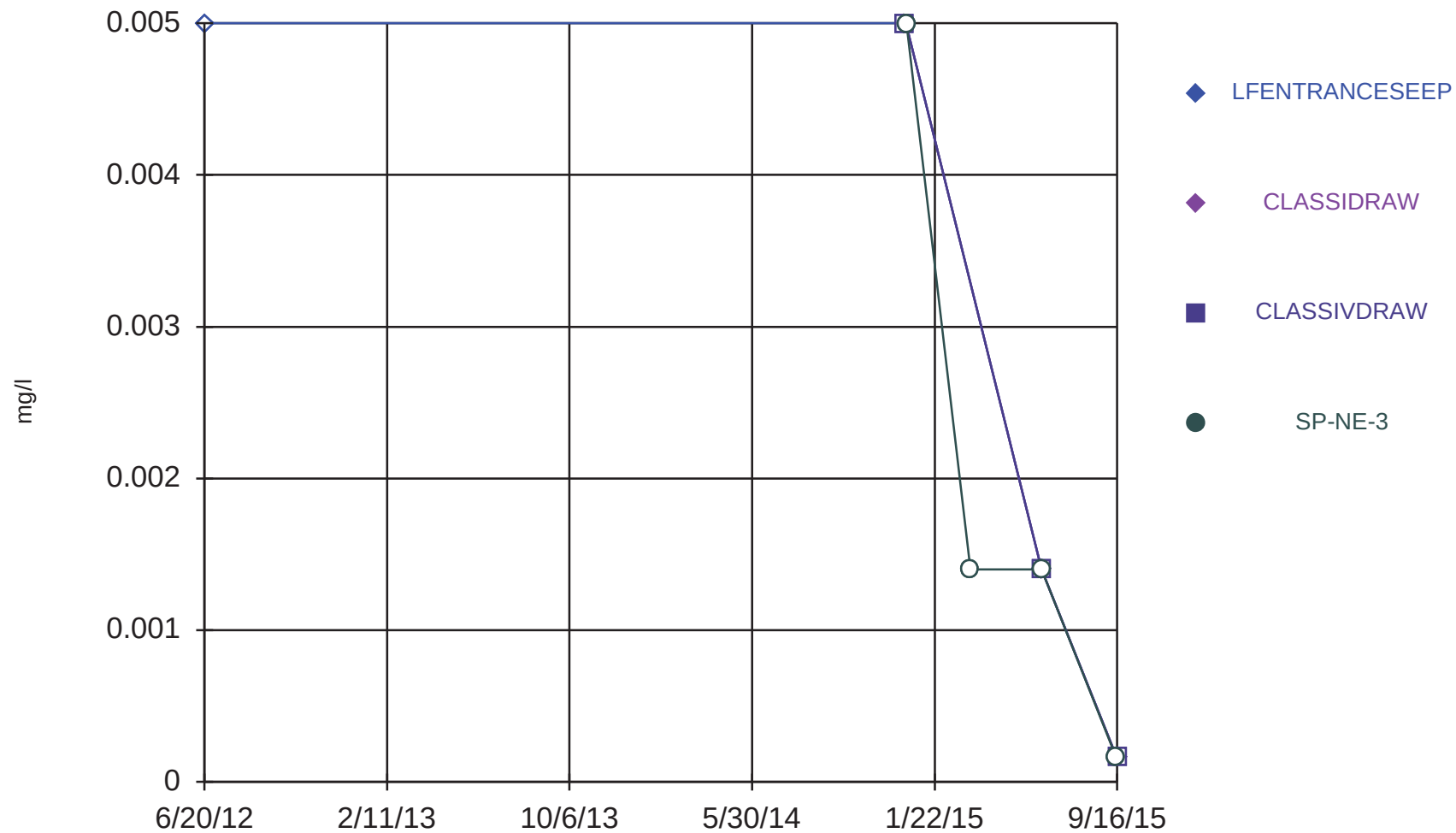
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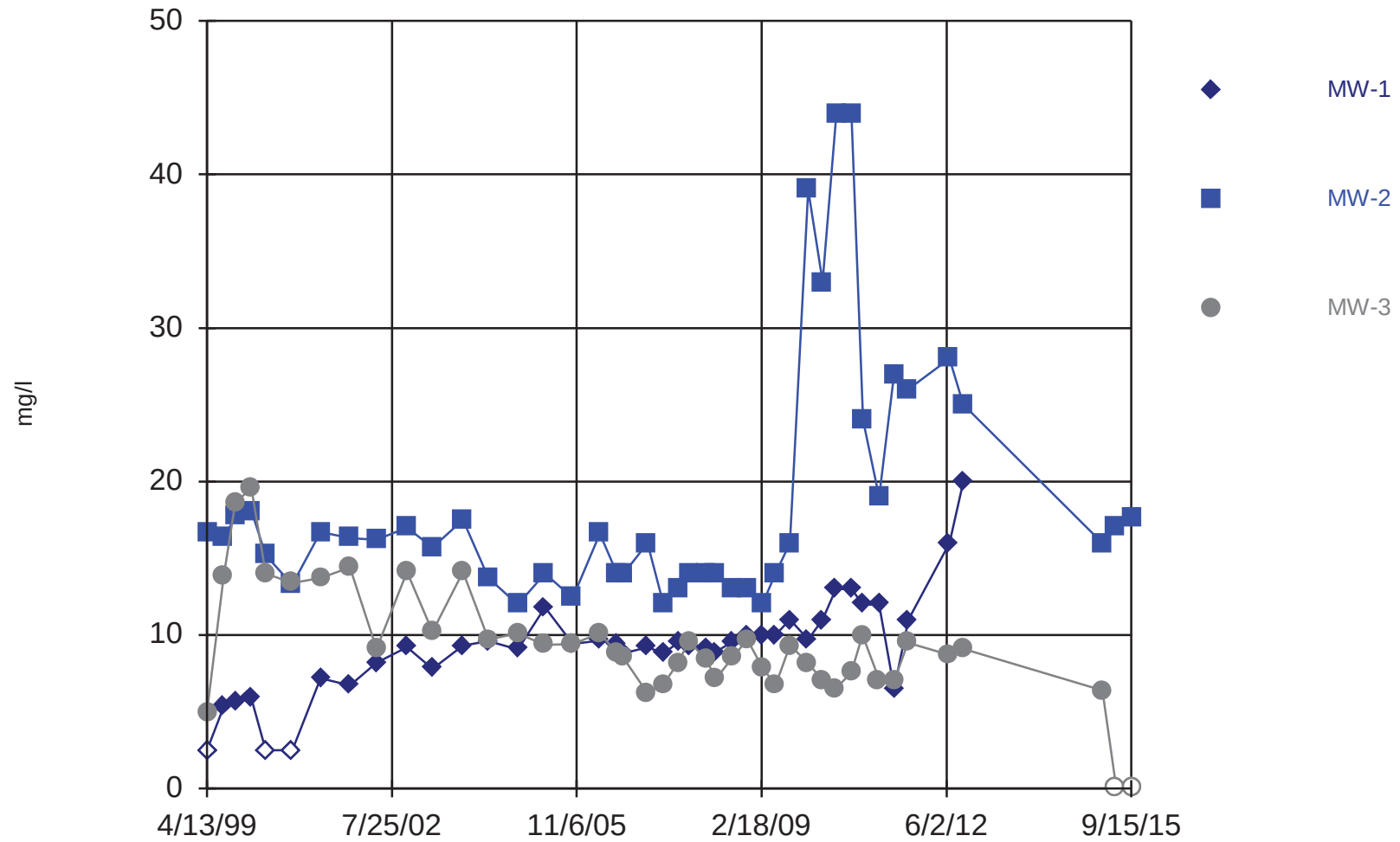
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Time Series

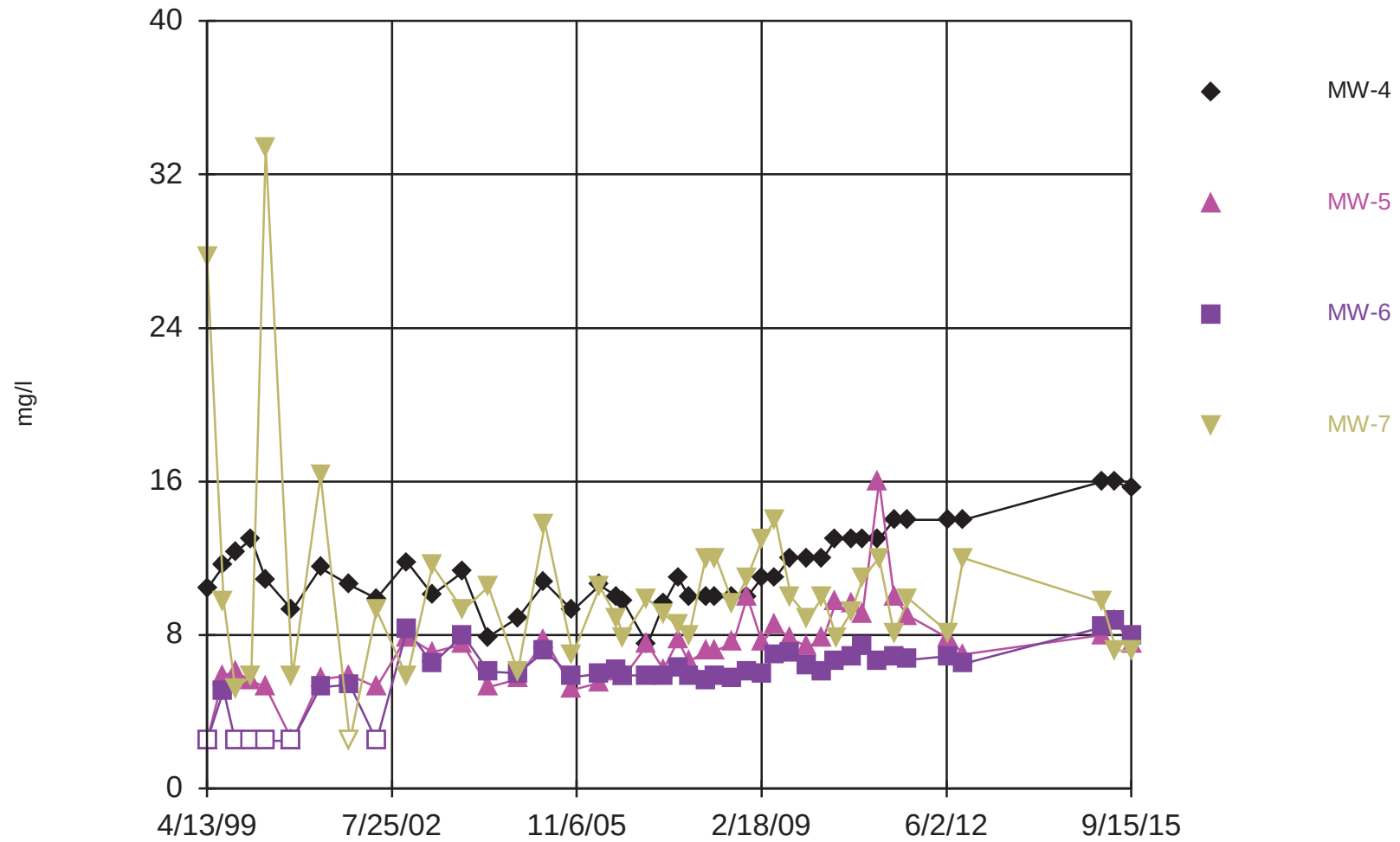


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Time Series



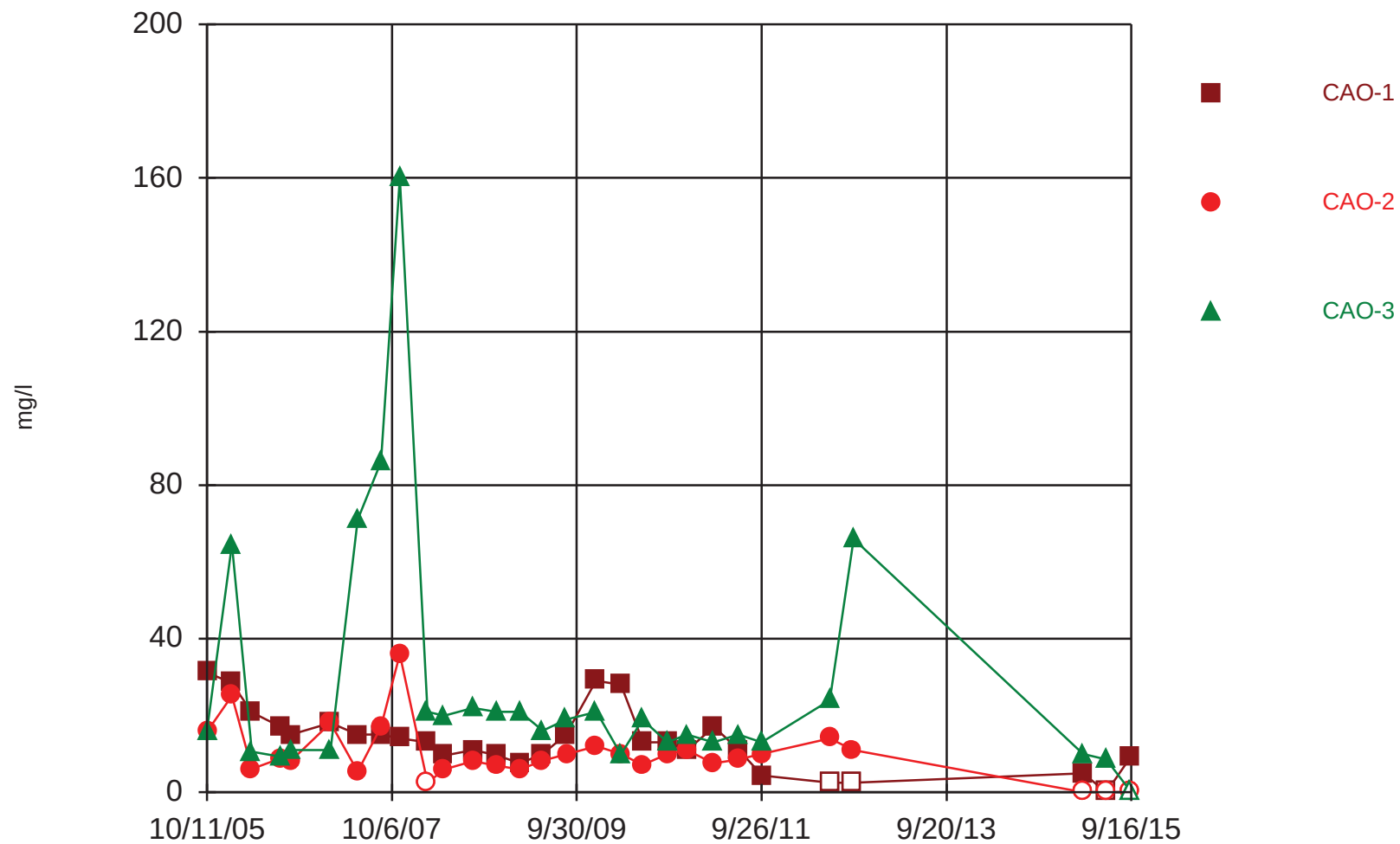
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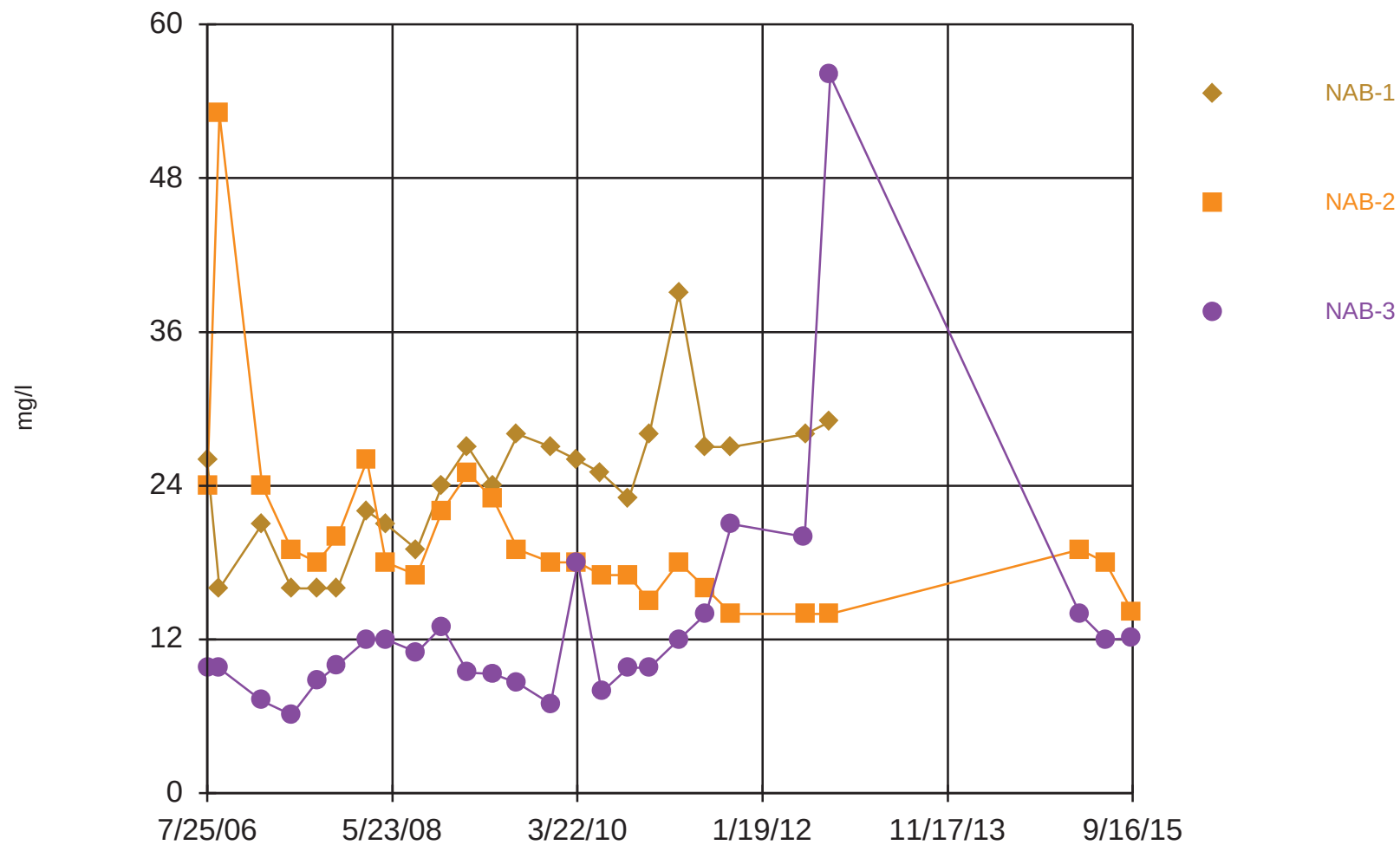
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Time Series



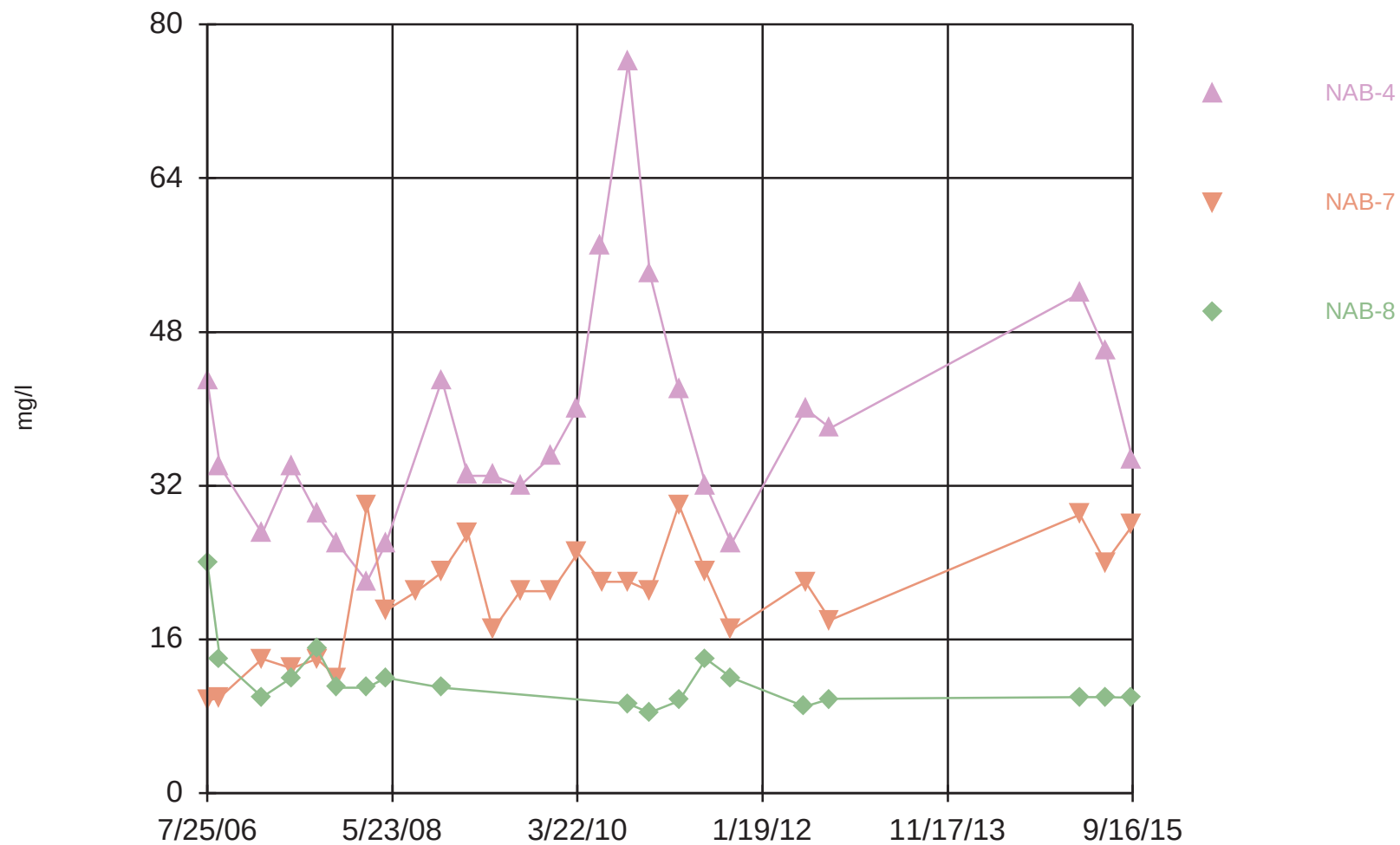
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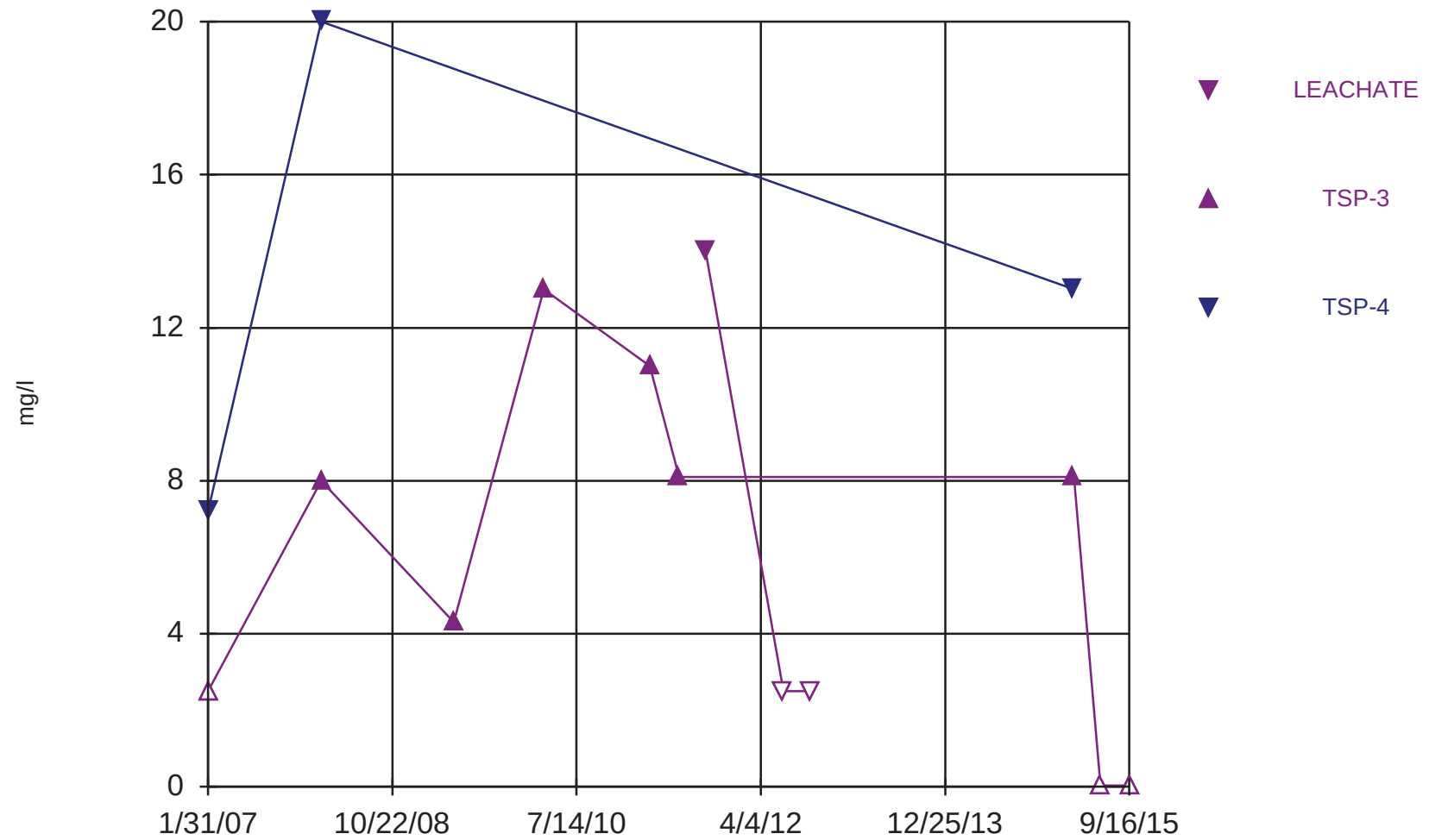
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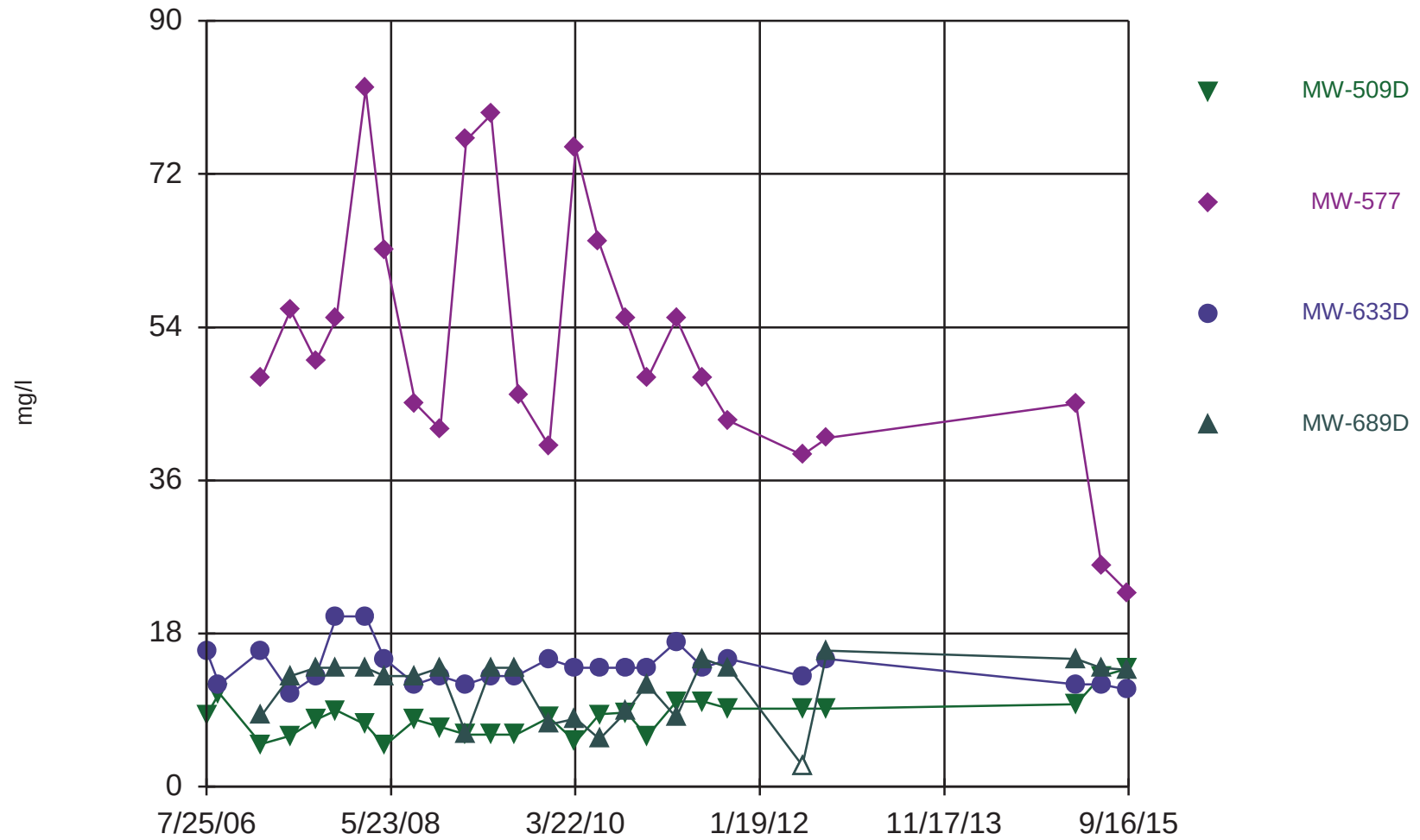
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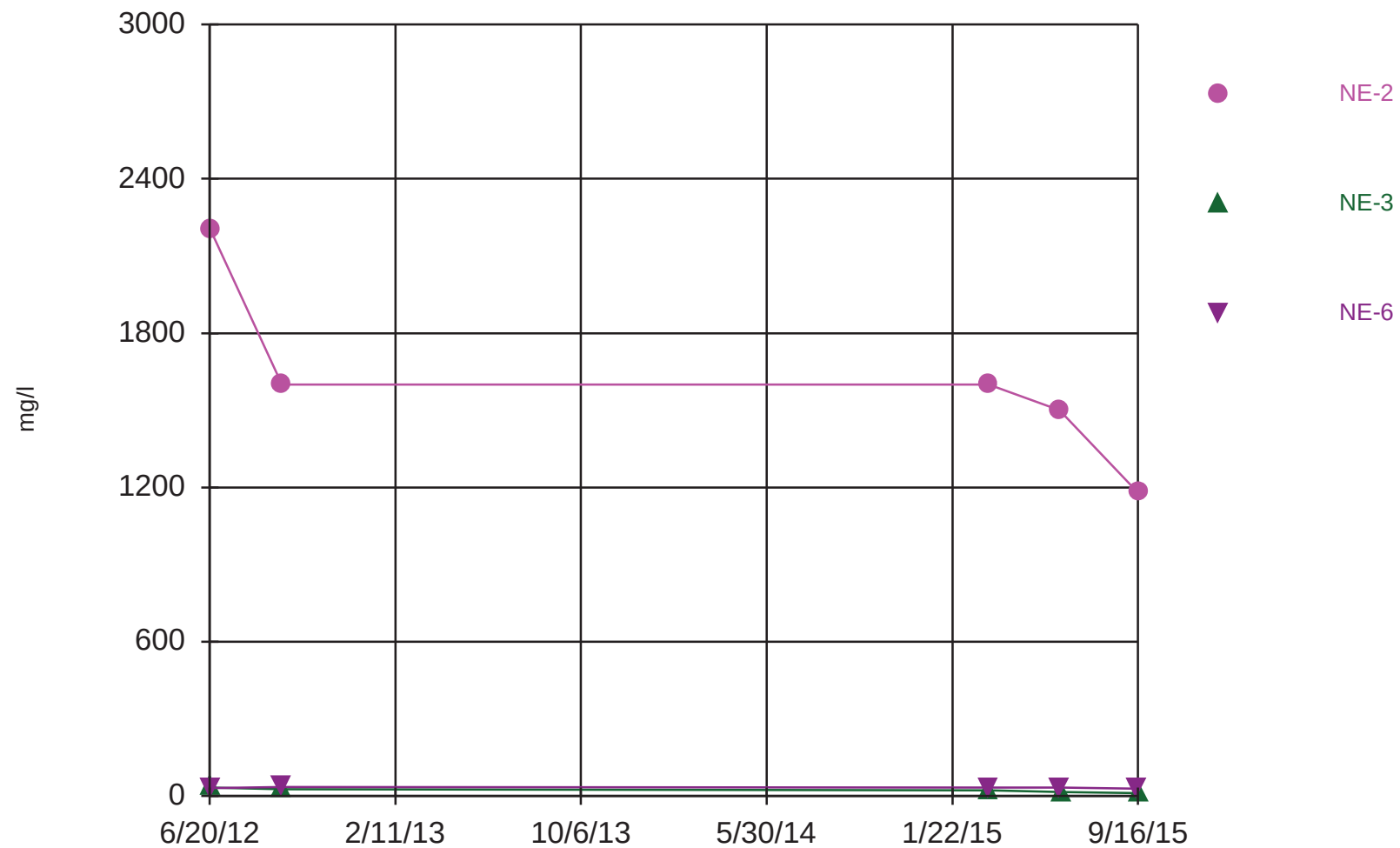
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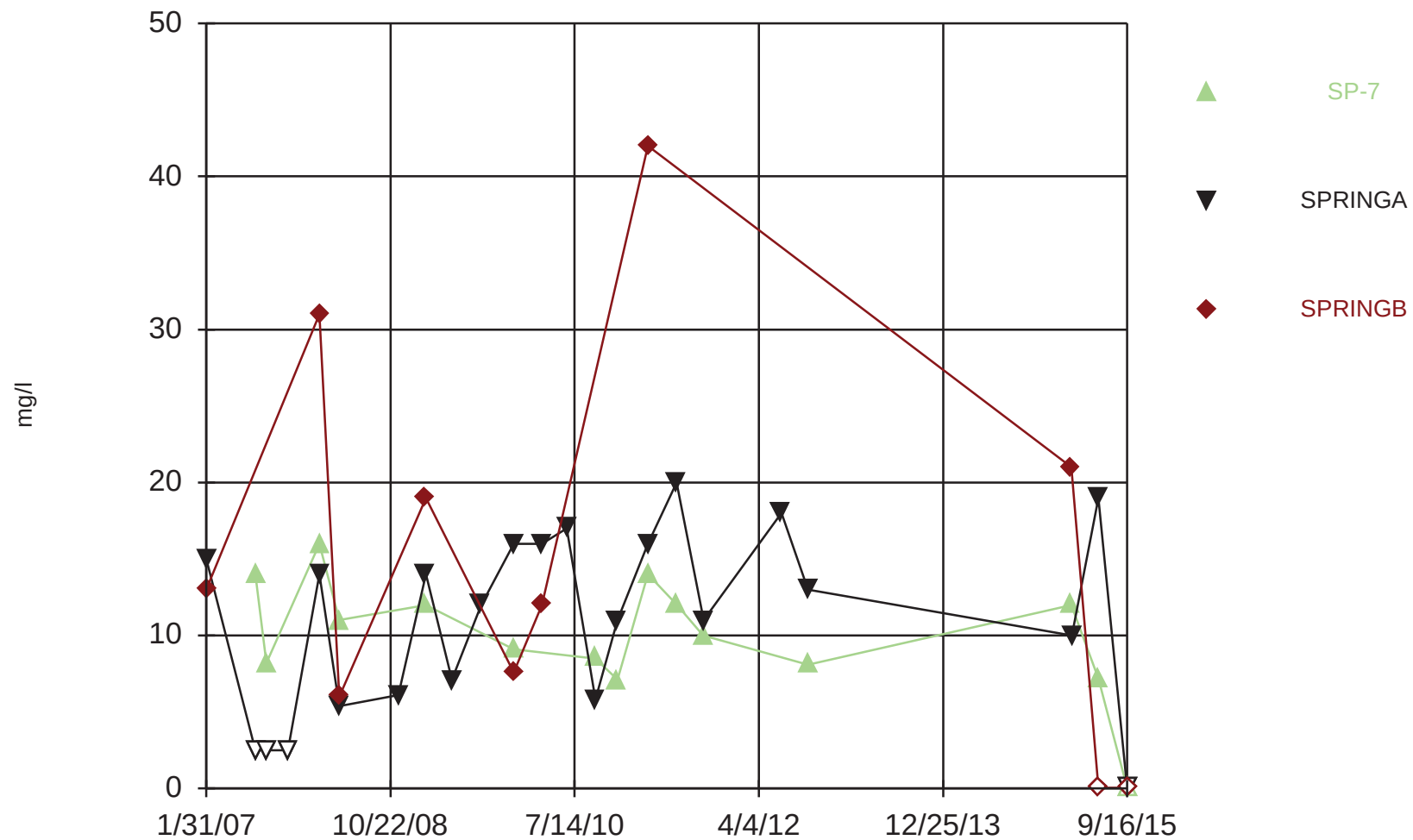
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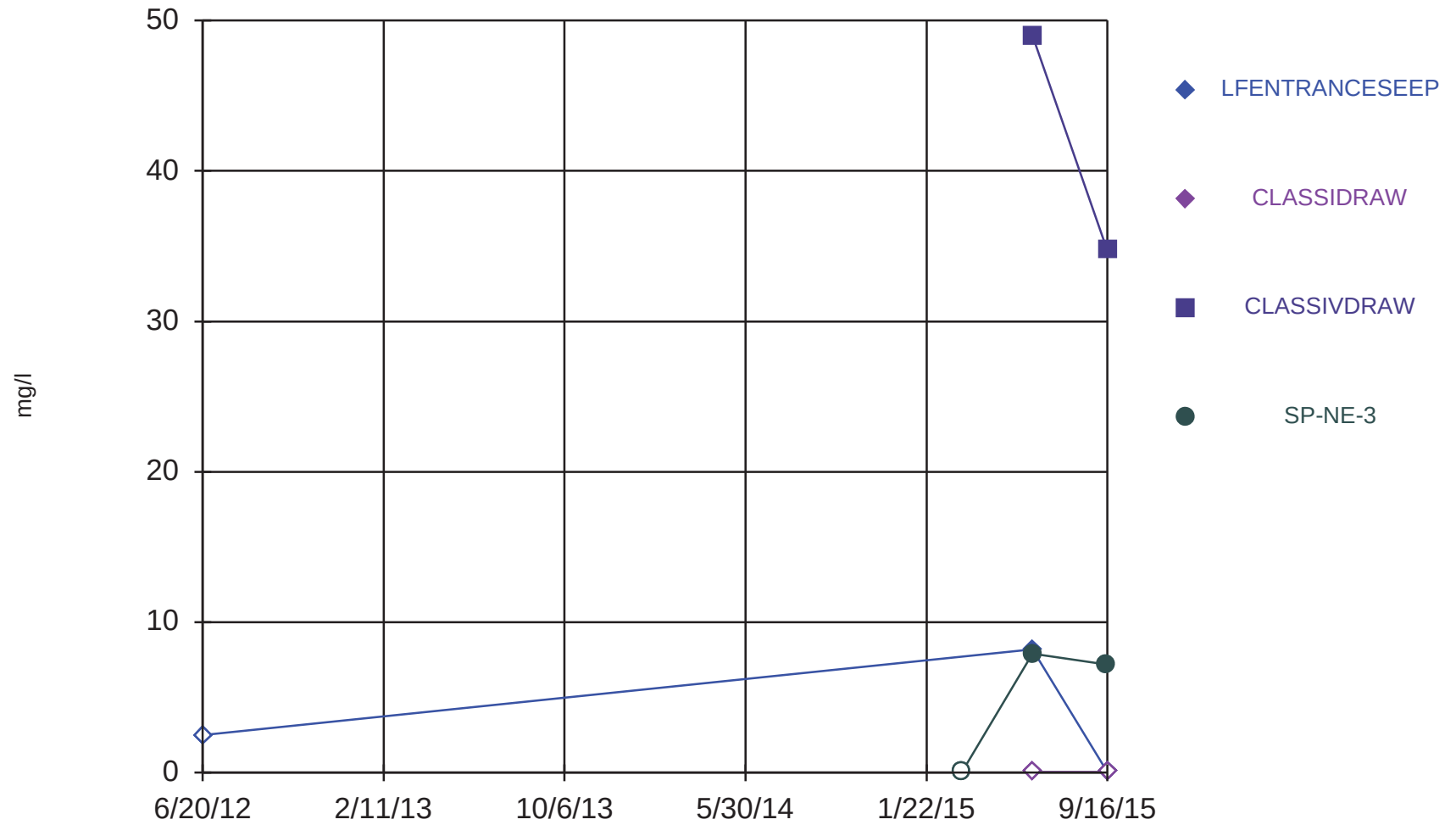
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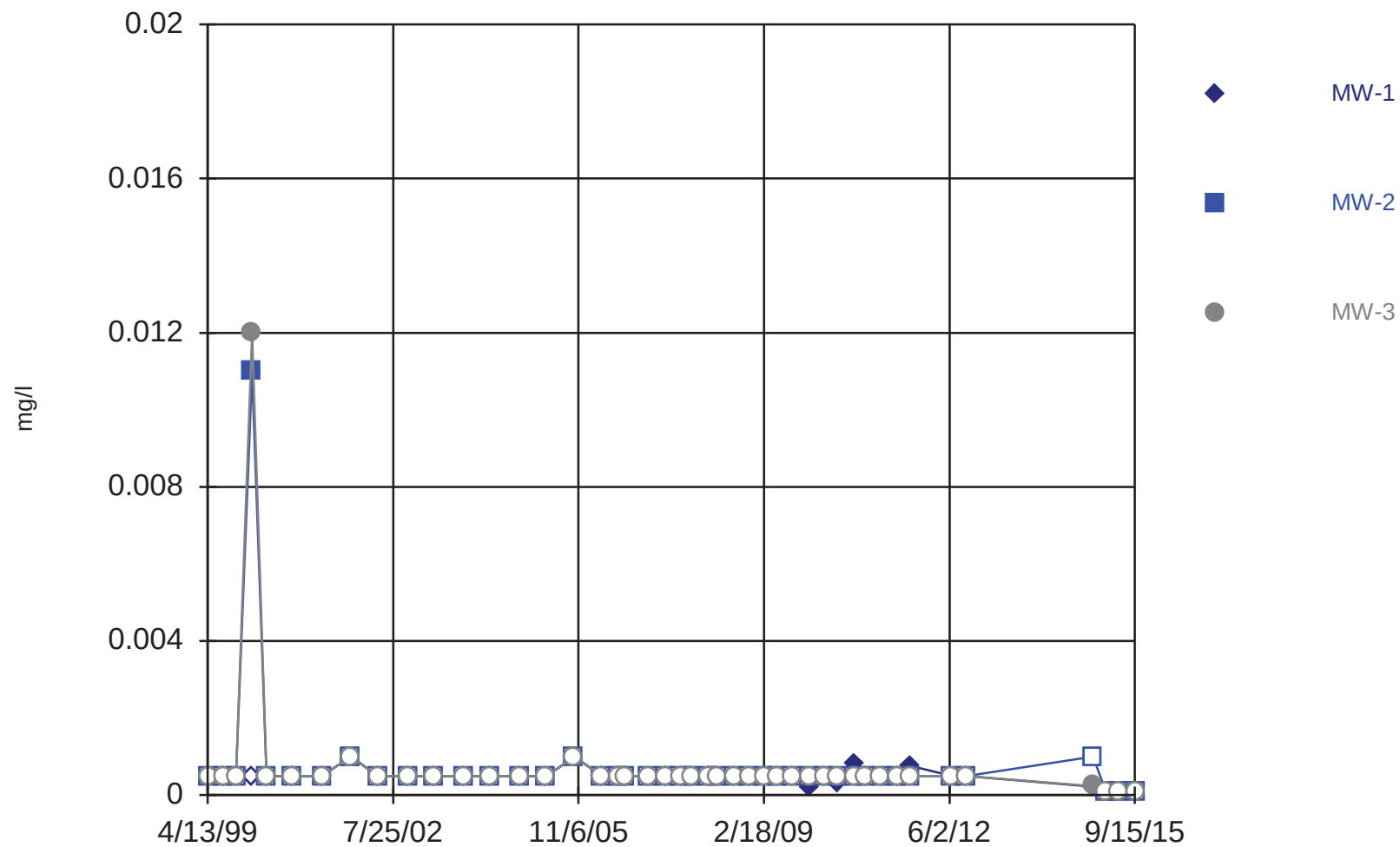
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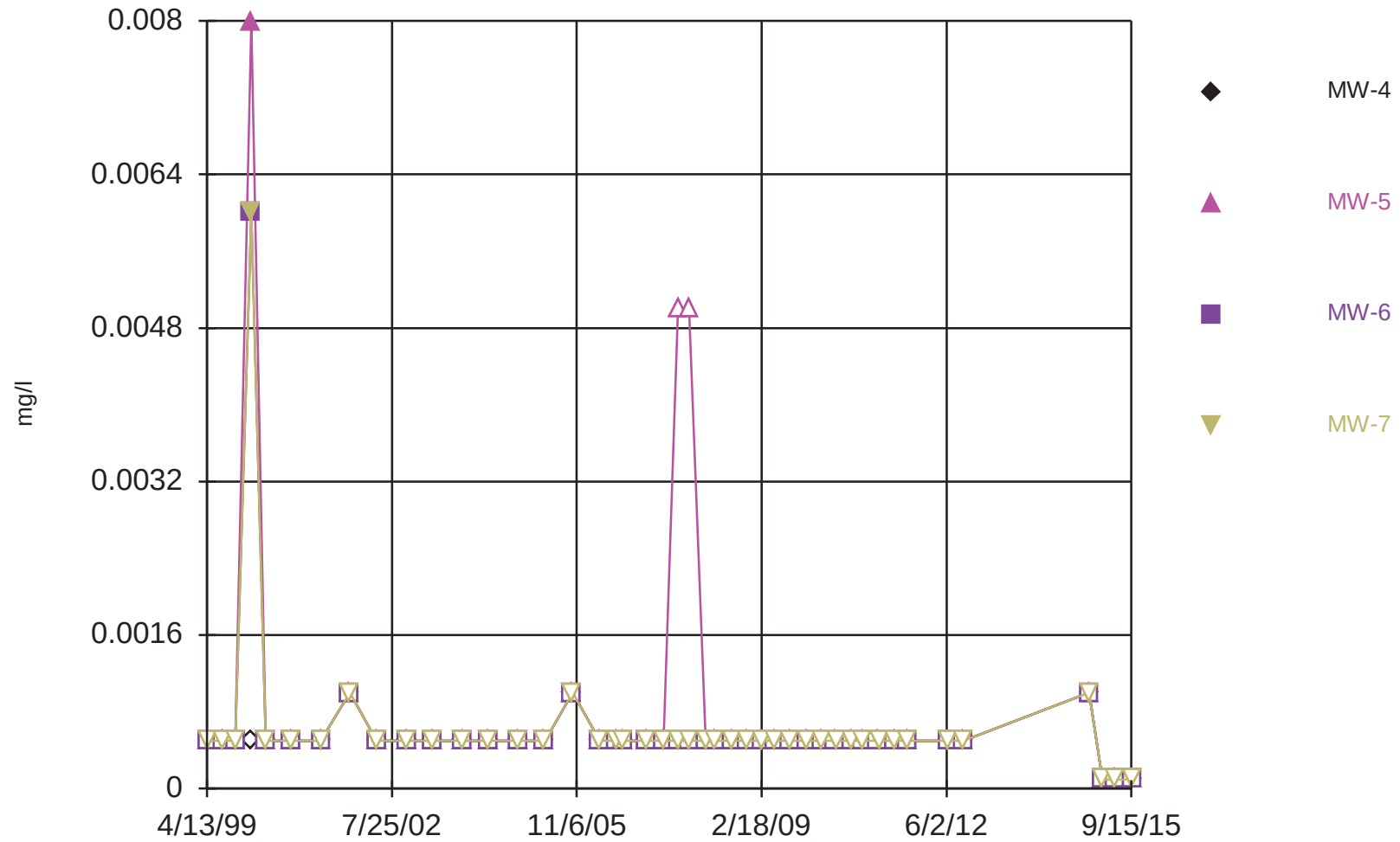
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Time Series



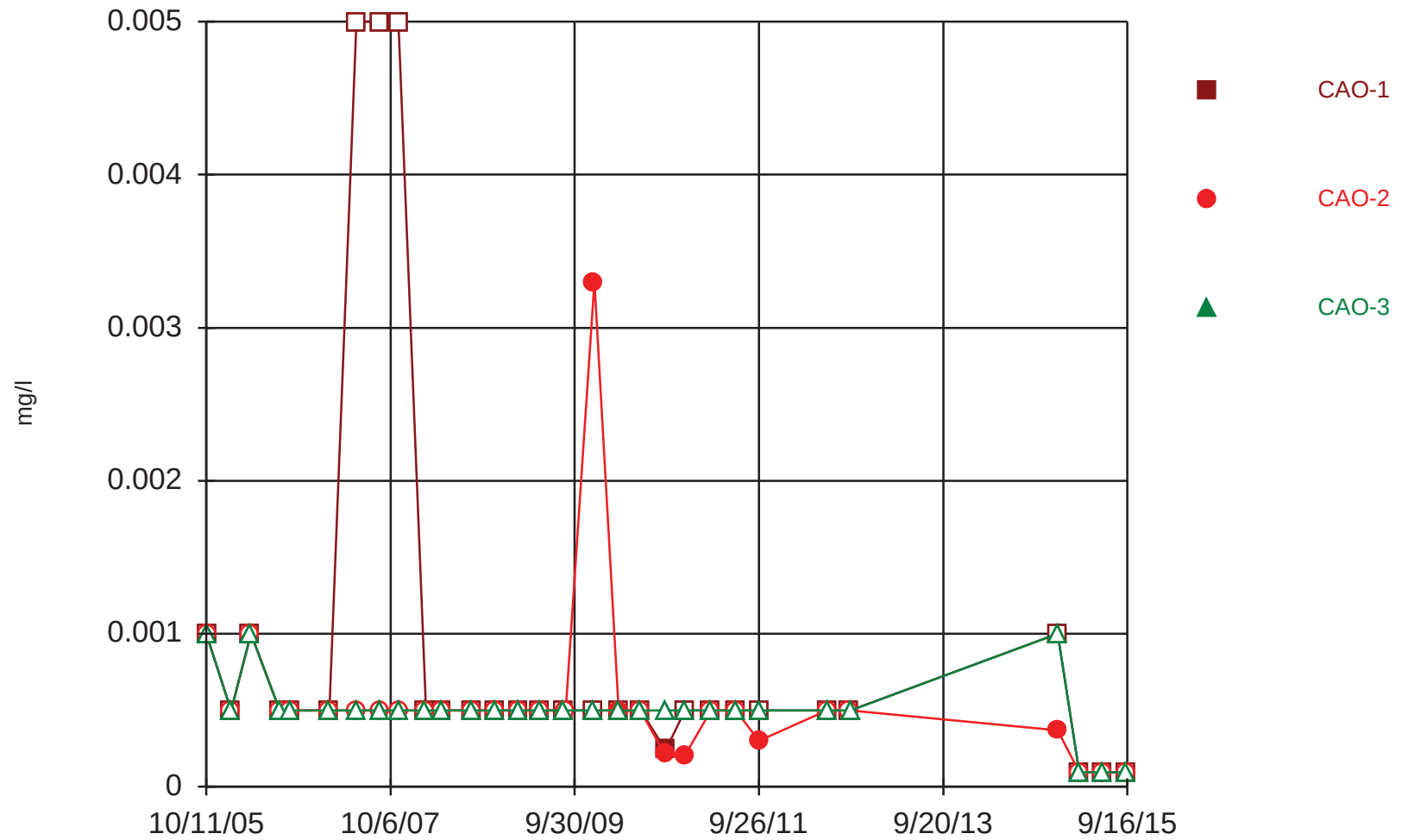
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Time Series

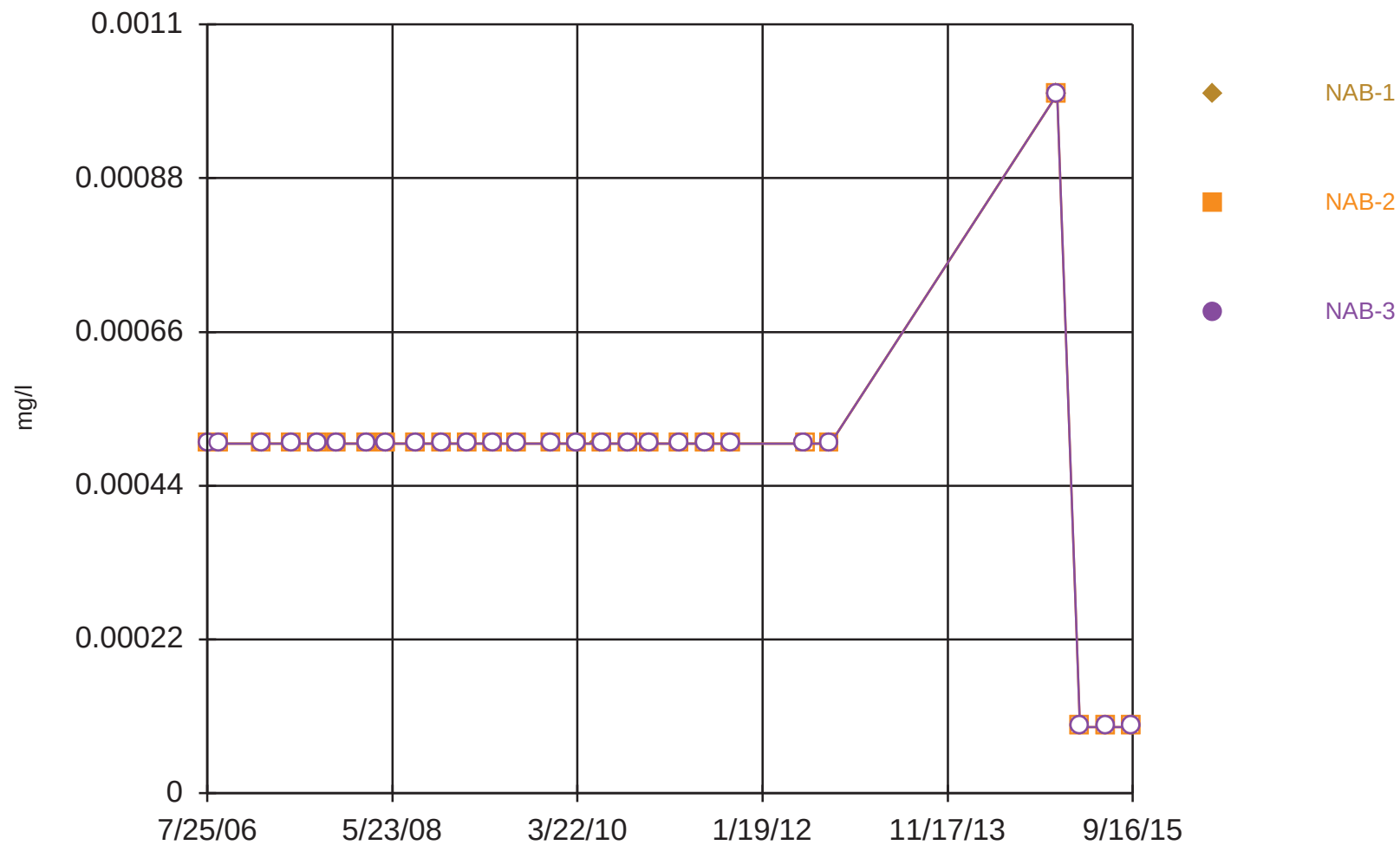


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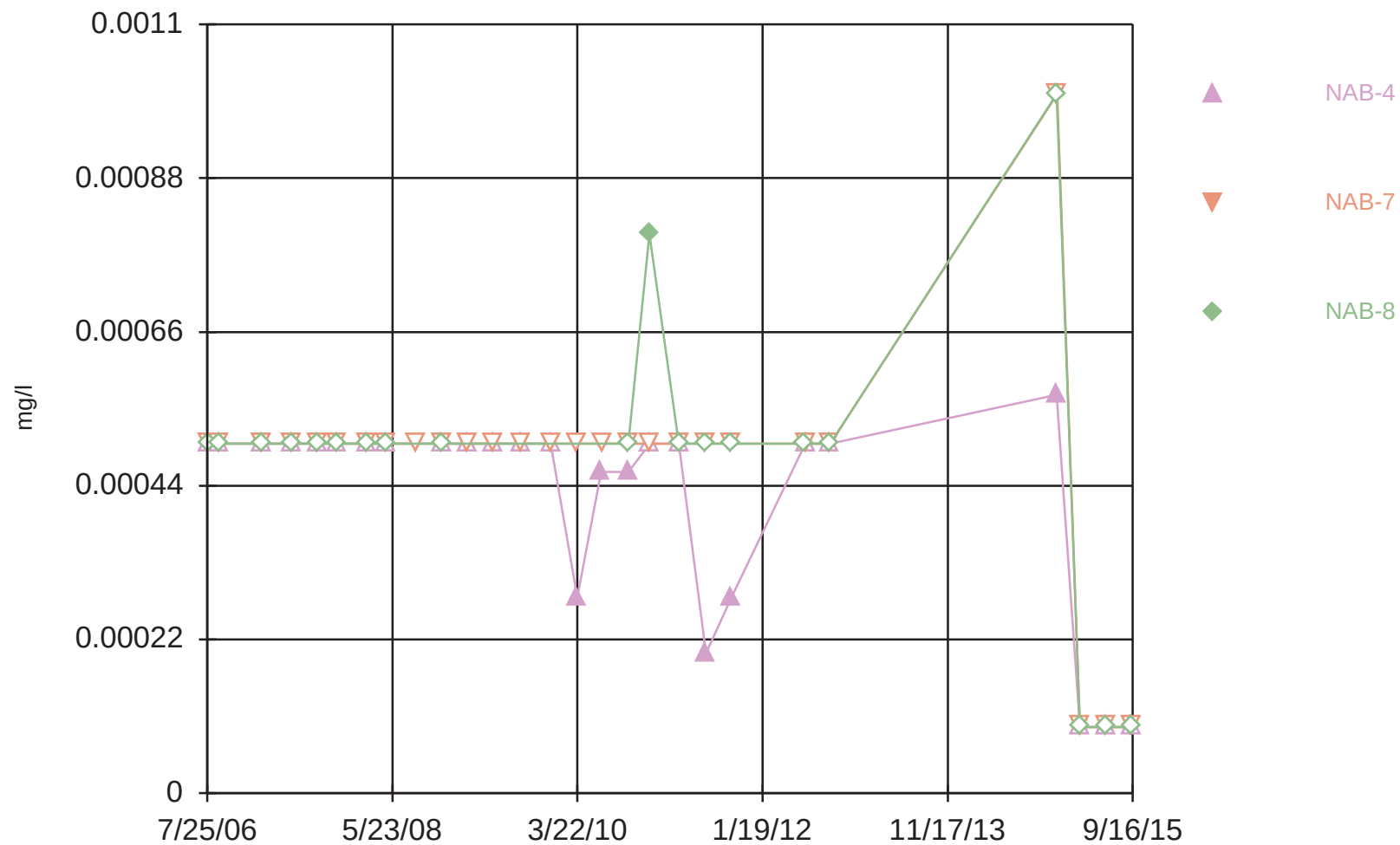
Time Series



Time Series

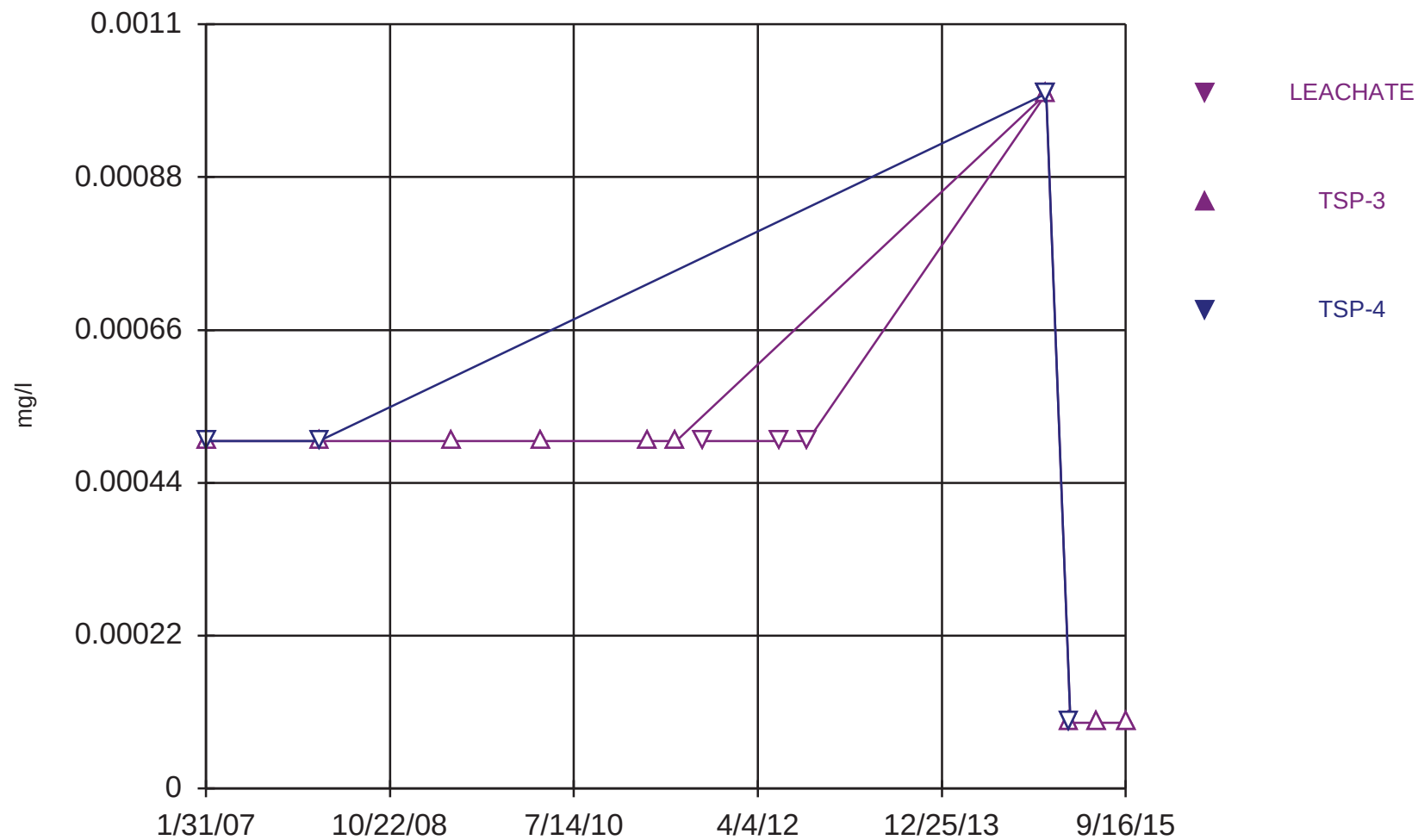


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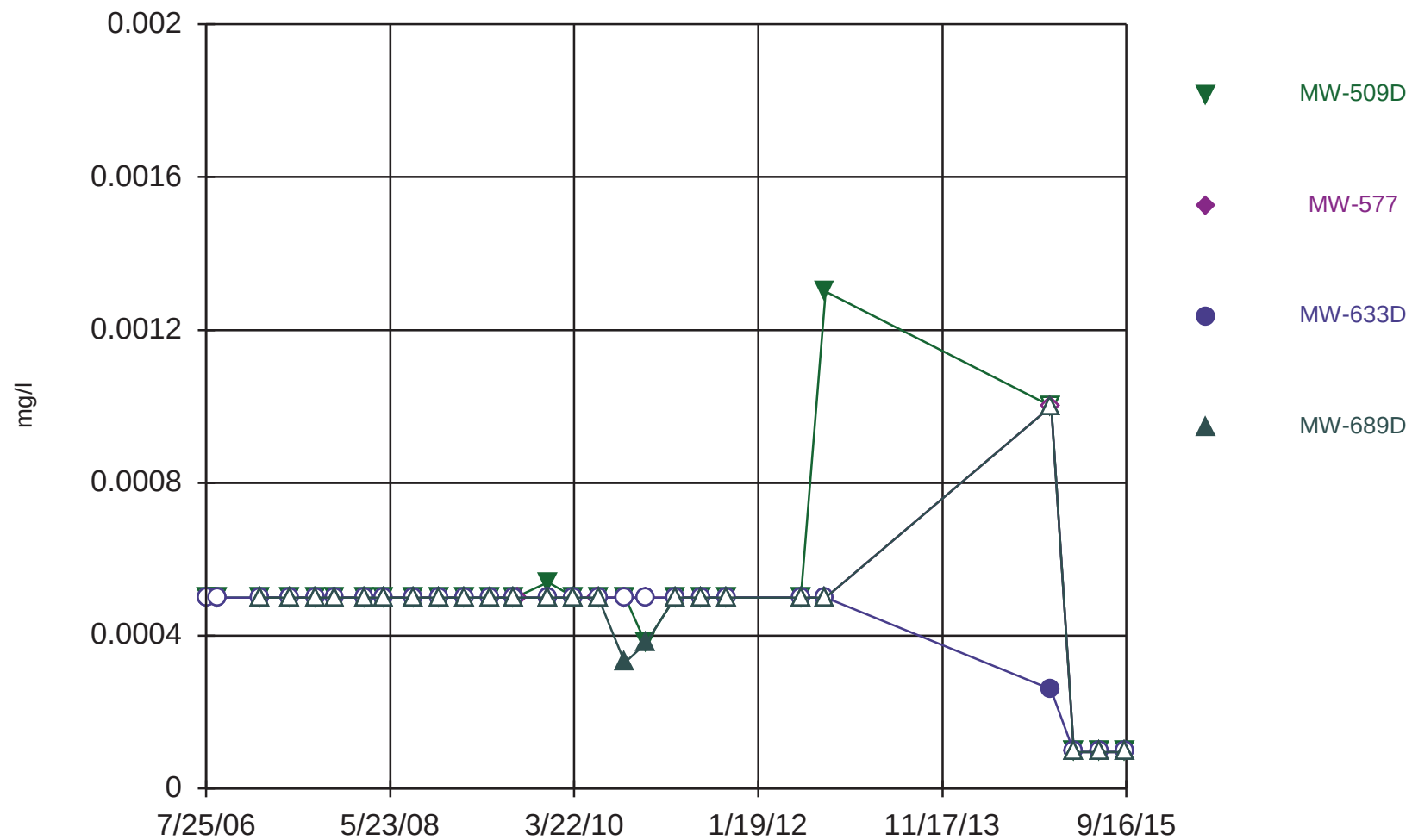
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Time Series



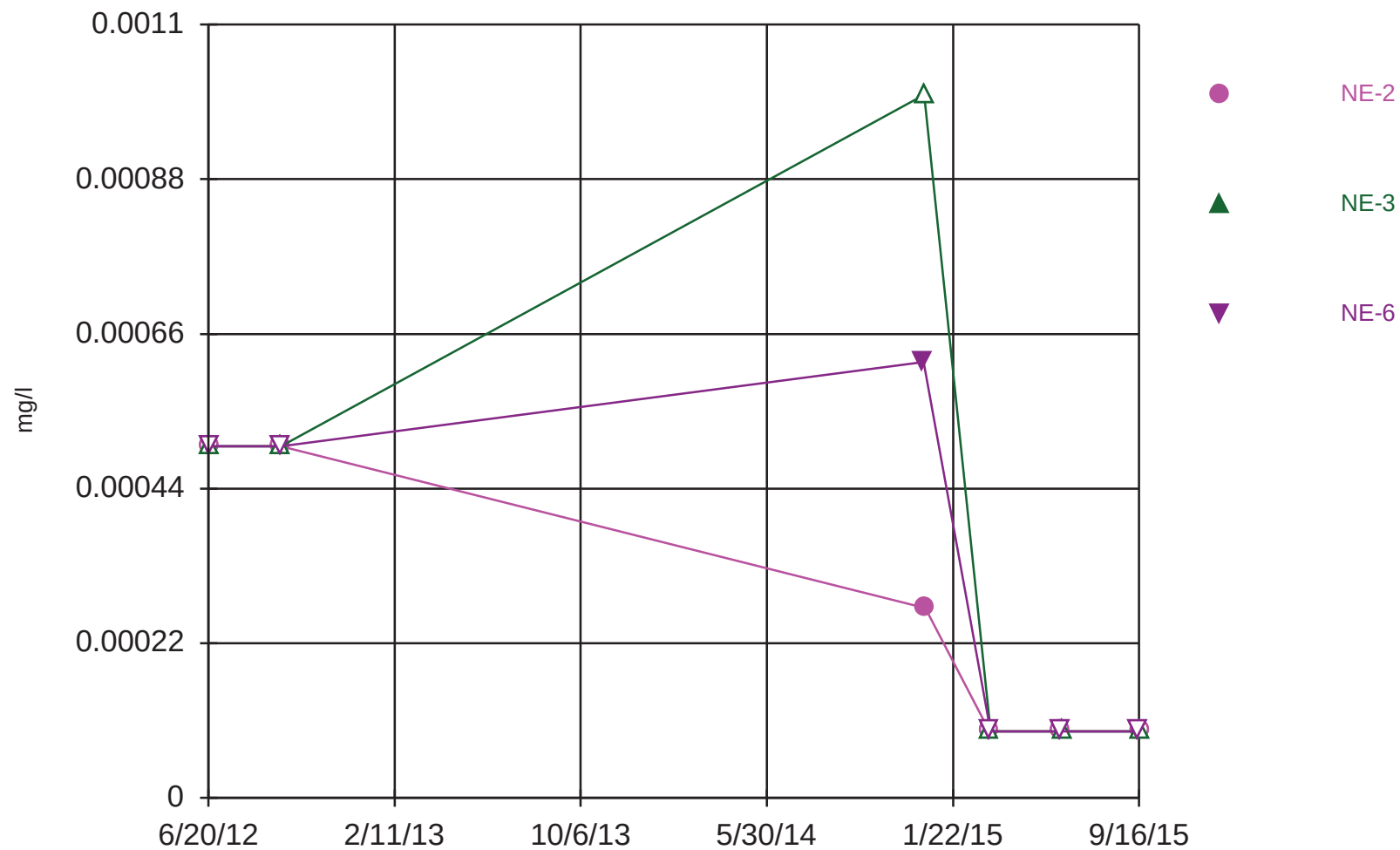
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Time Series



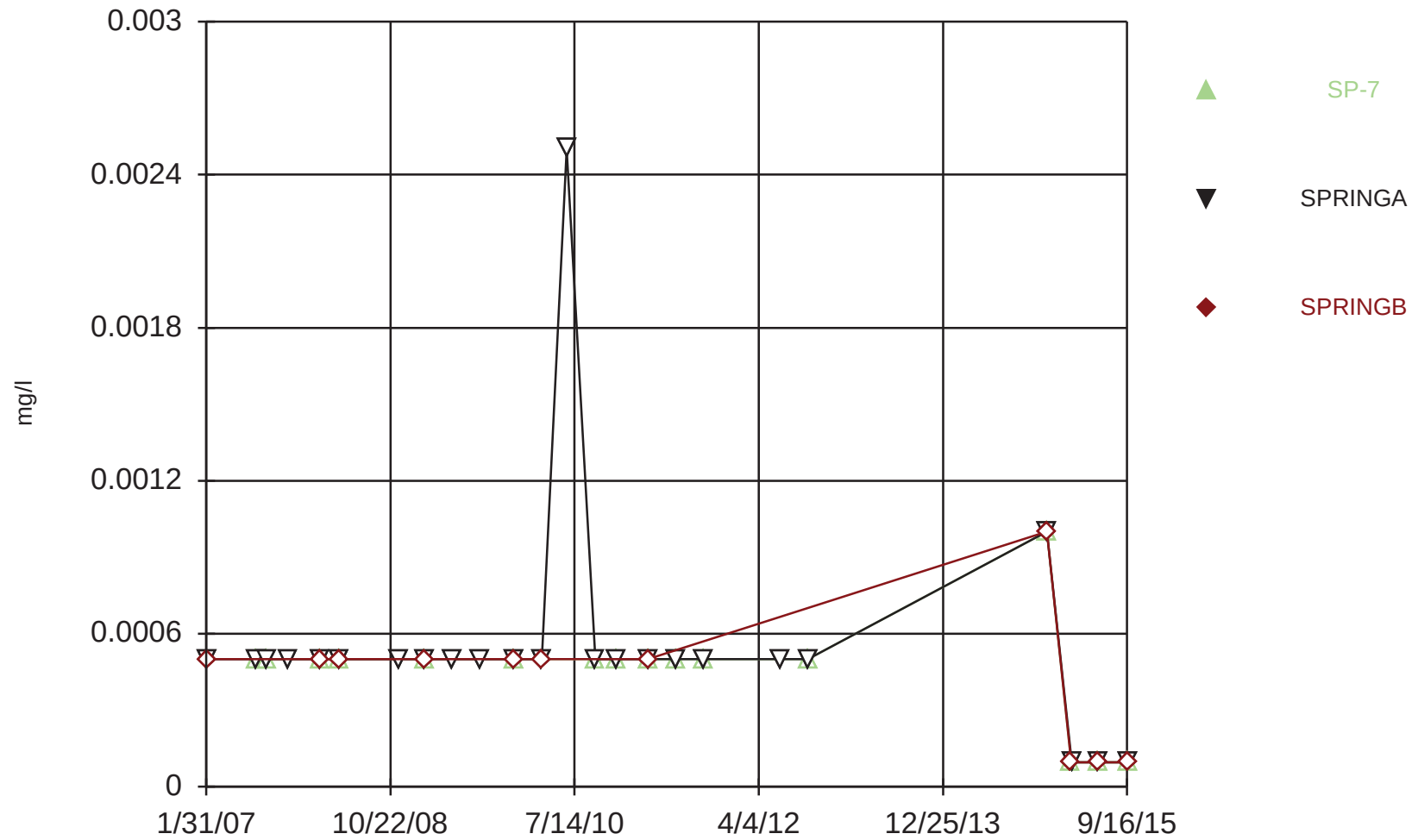
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Time Series



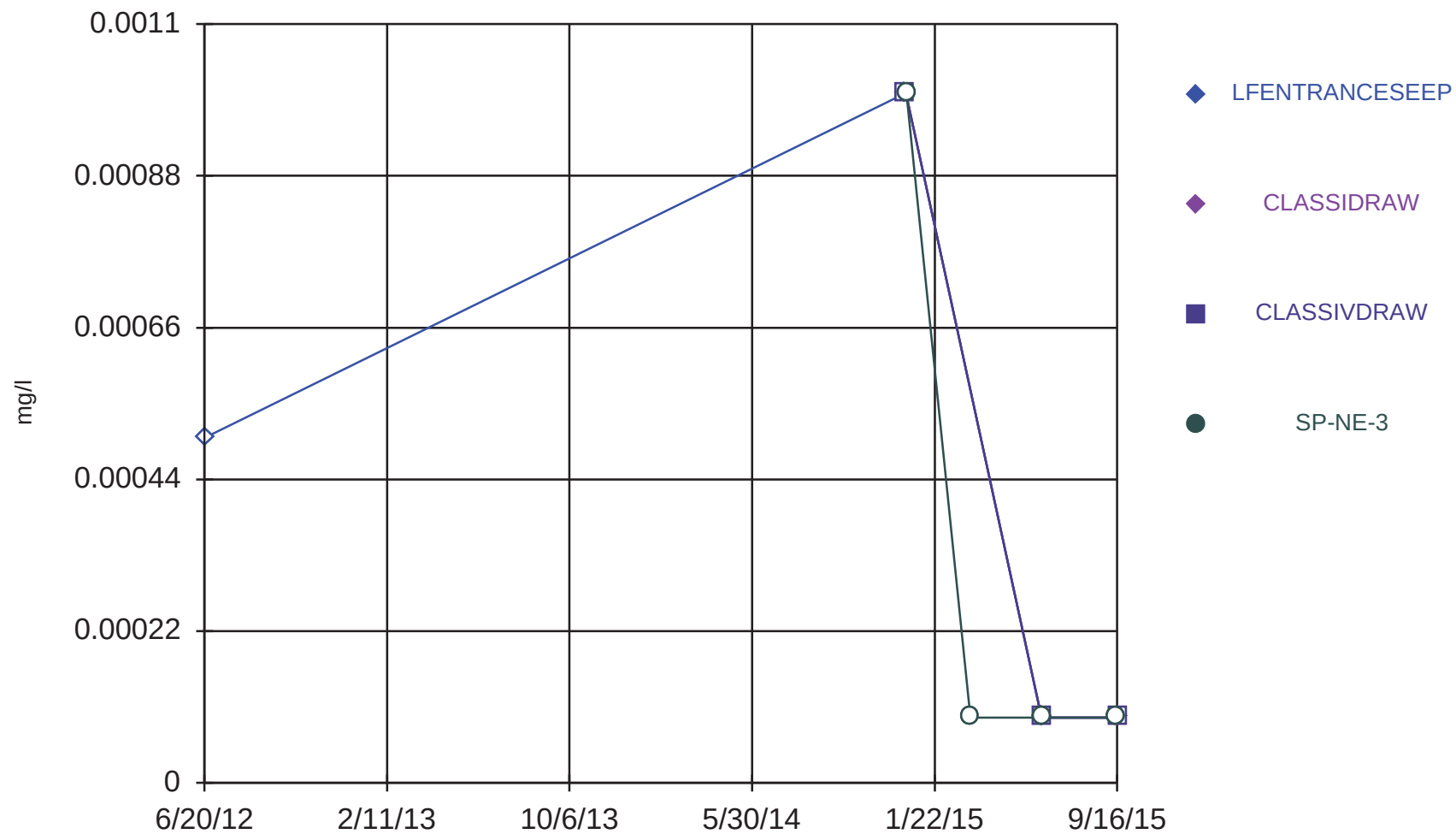
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Time Series



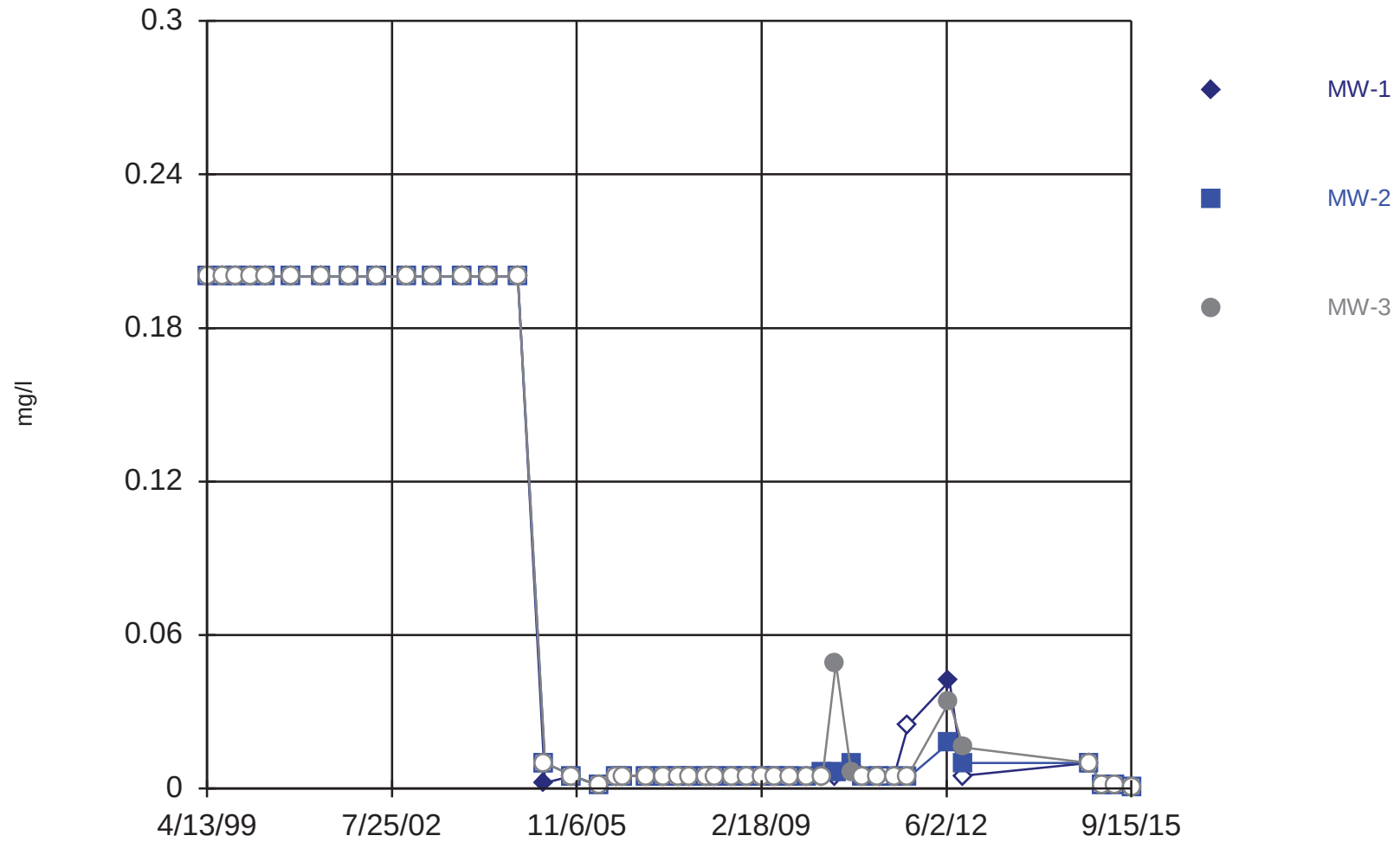
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Time Series



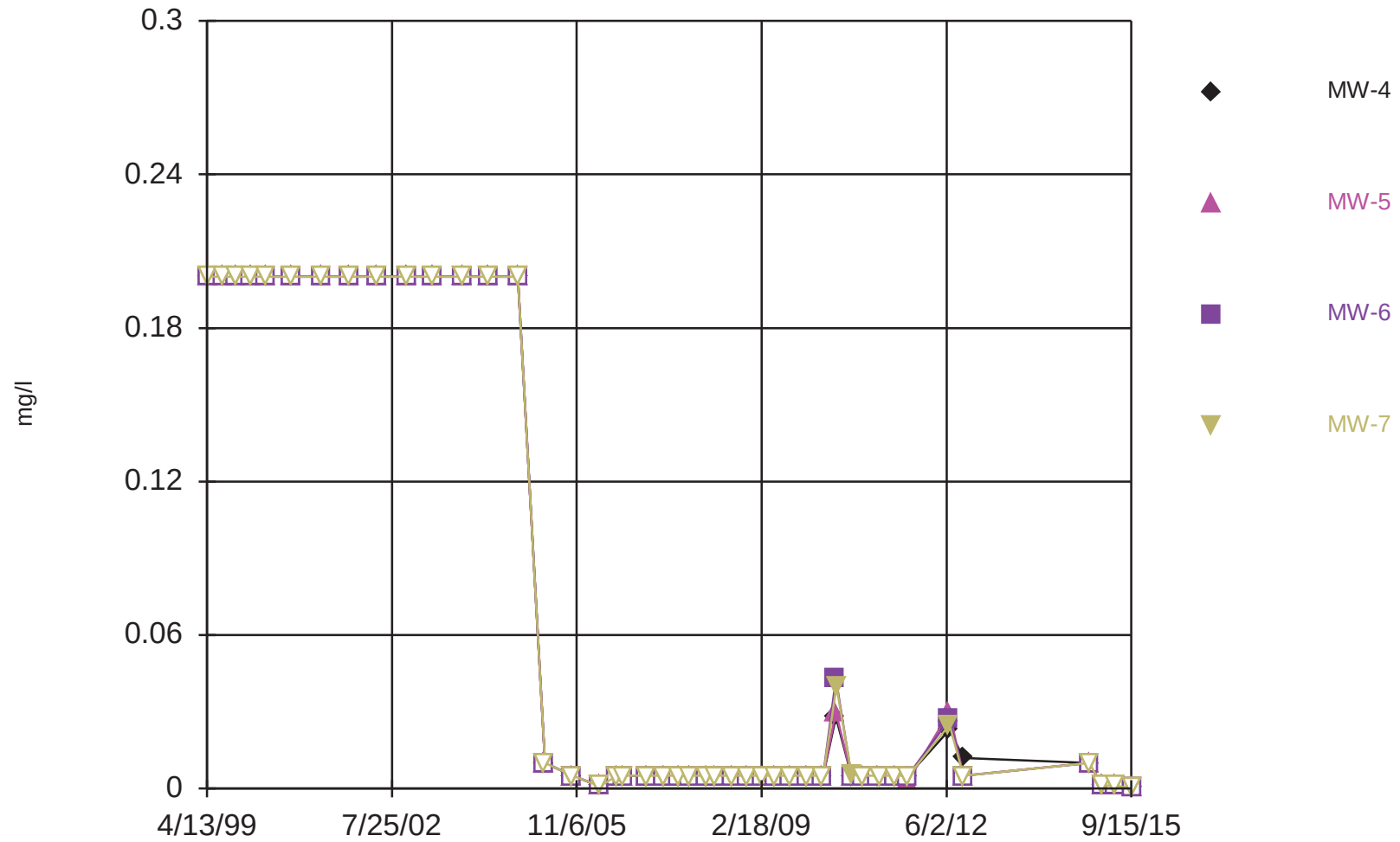
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Time Series



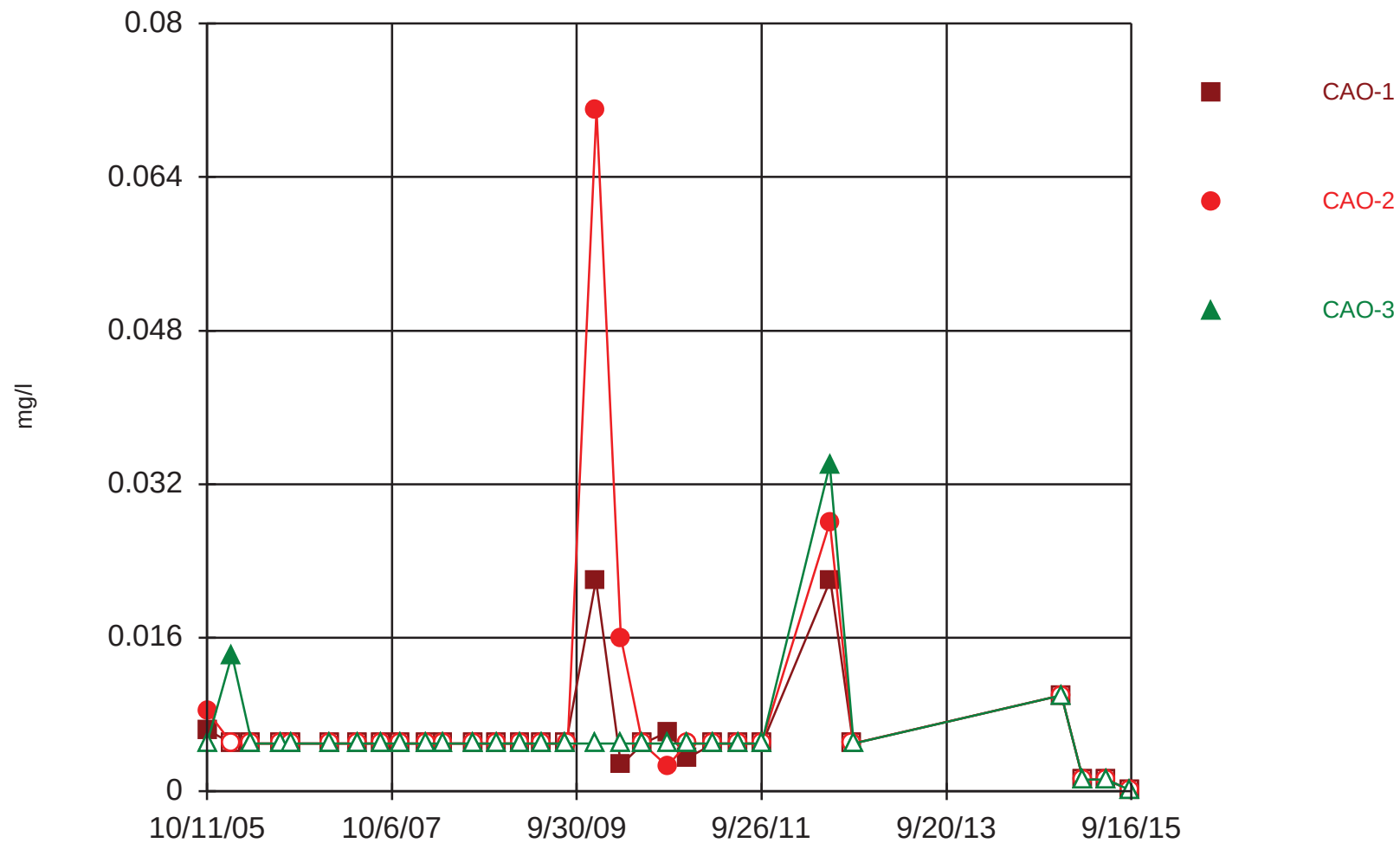
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Time Series

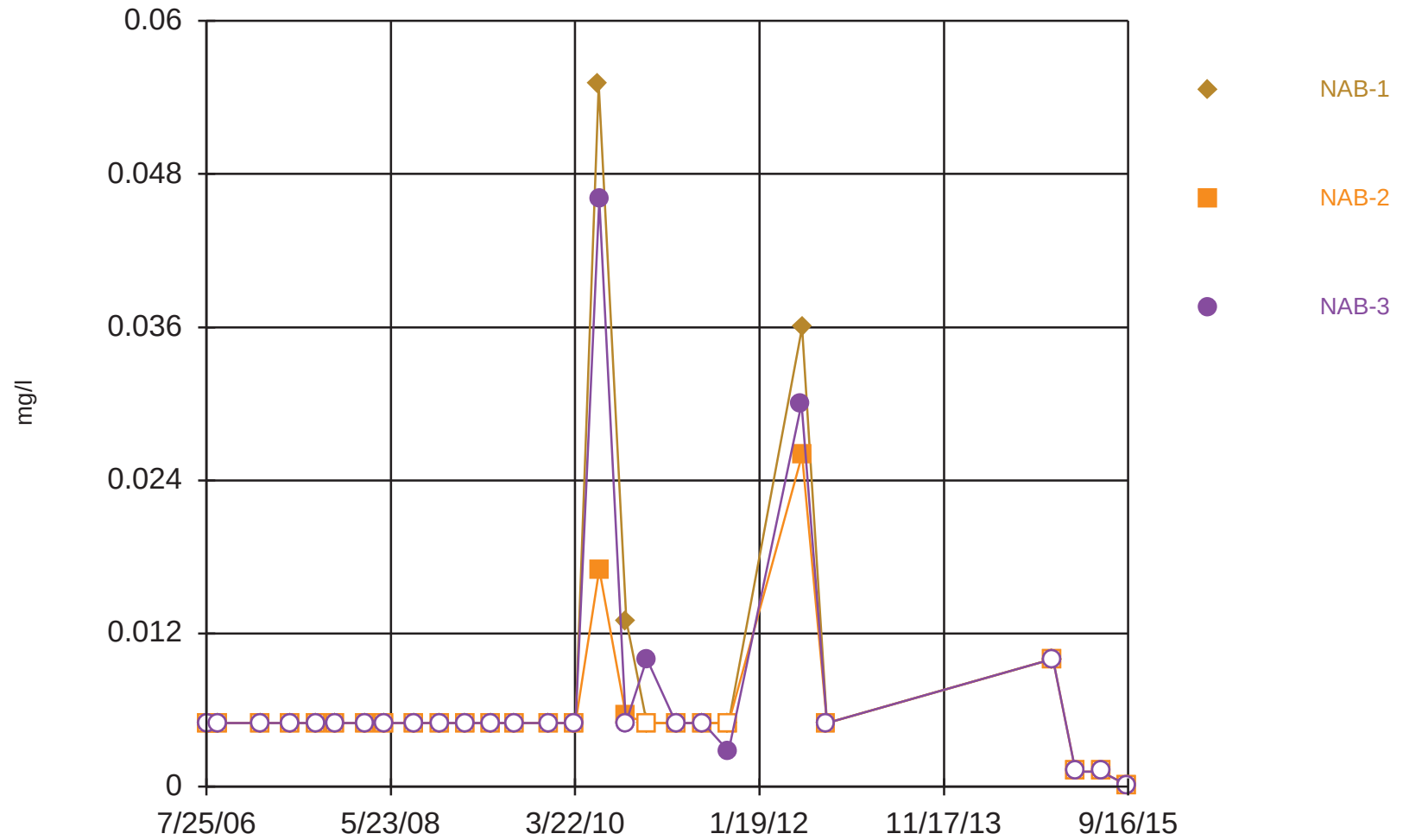


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Time Series

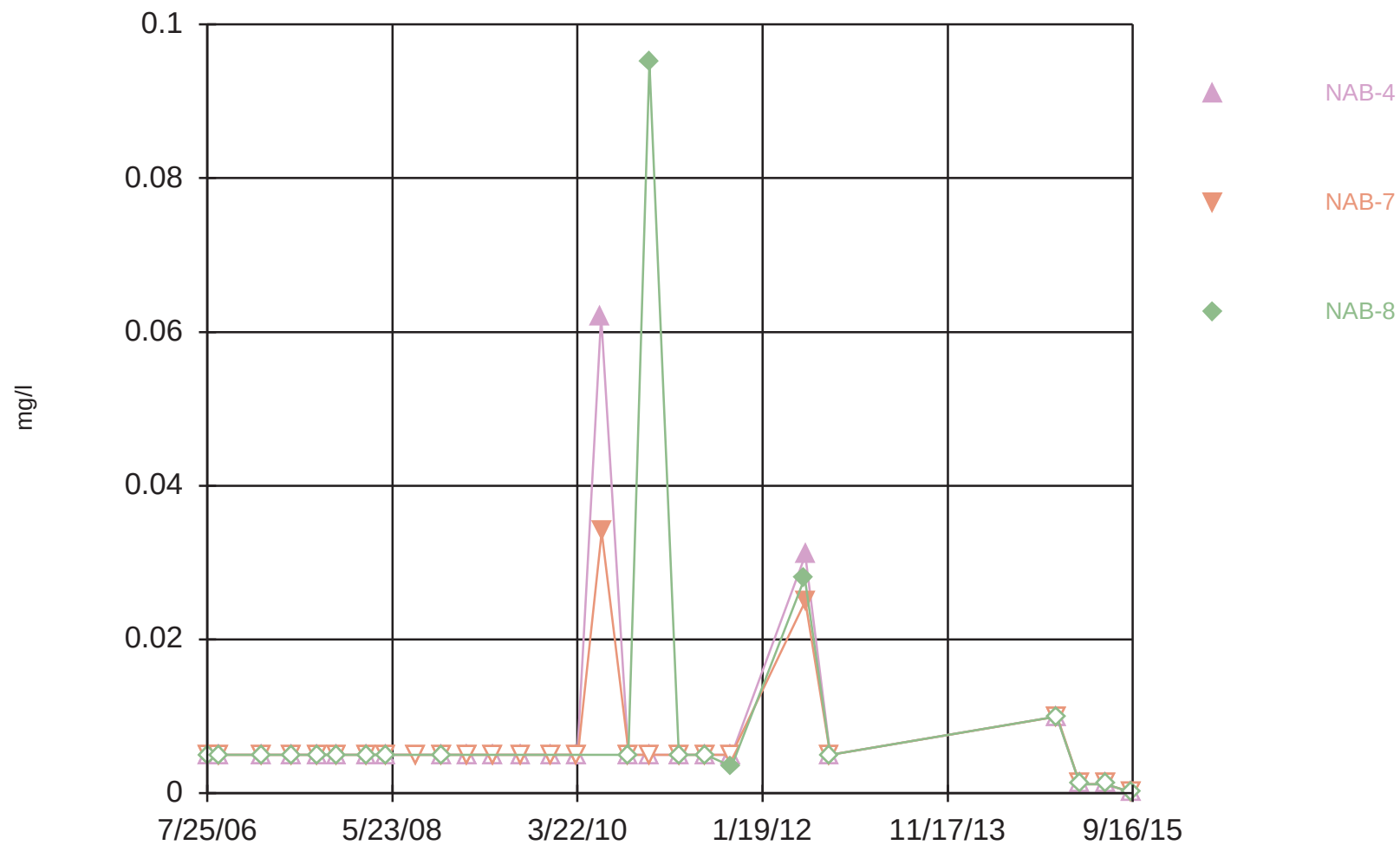


Time Series



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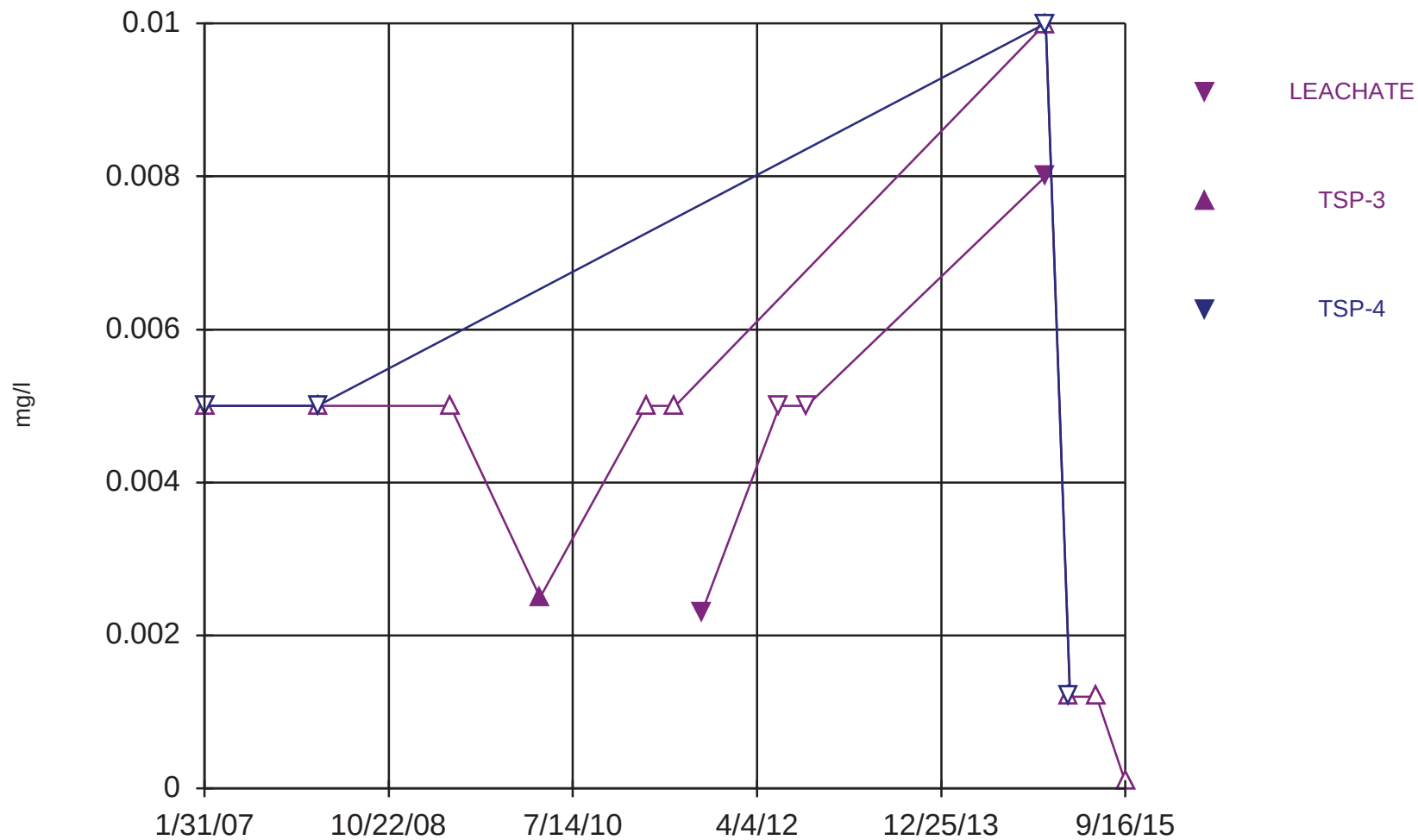
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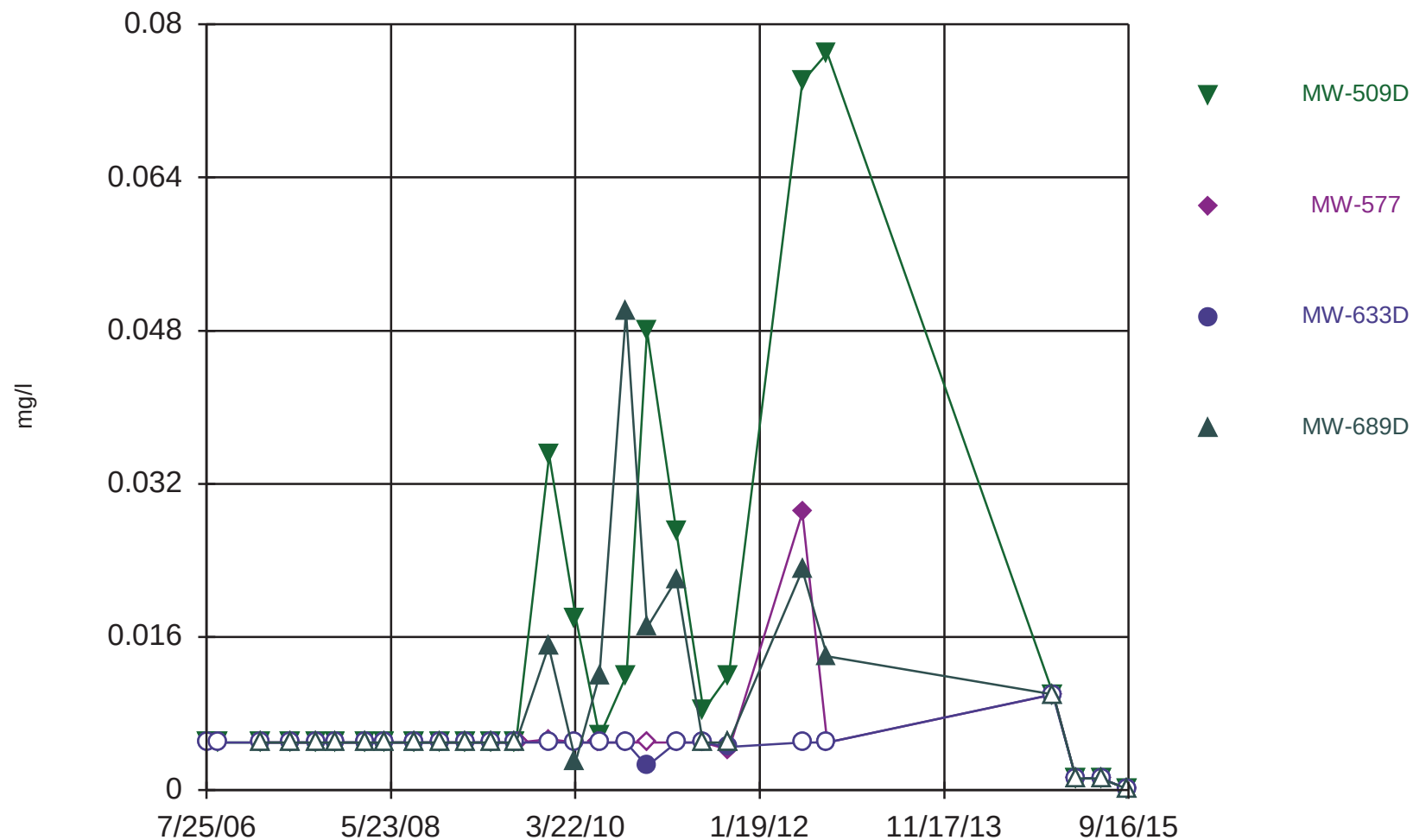
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Time Series



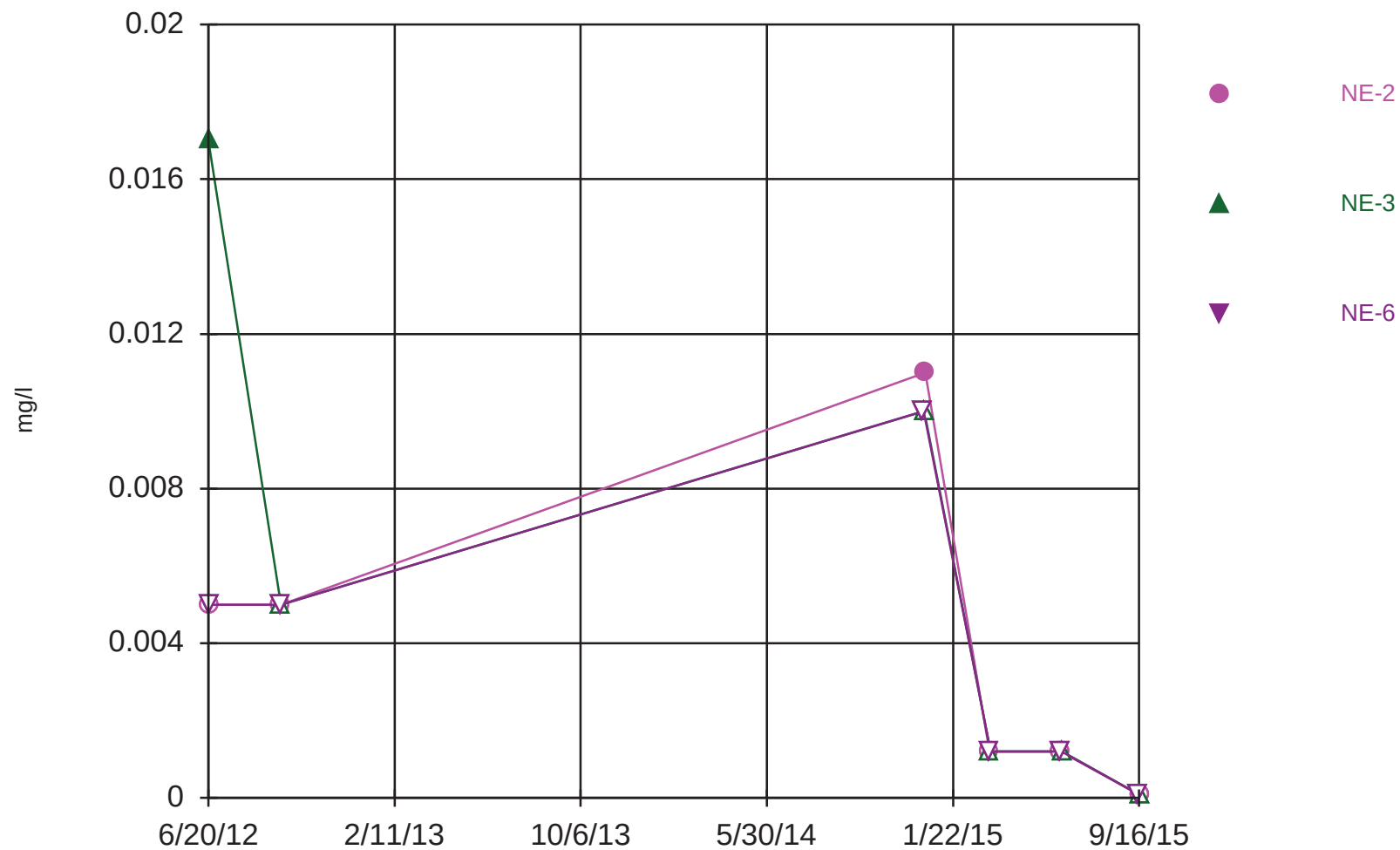
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Time Series



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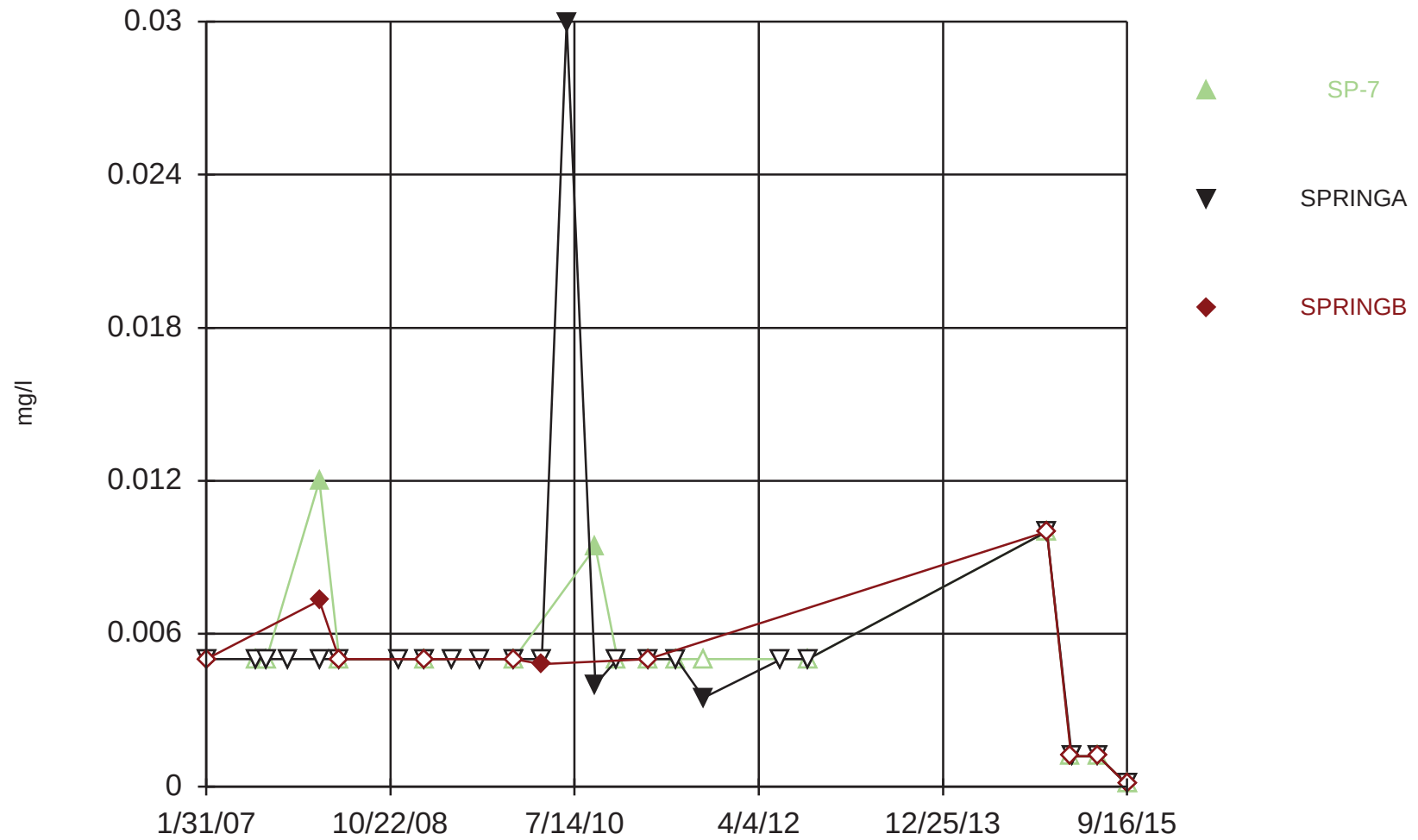
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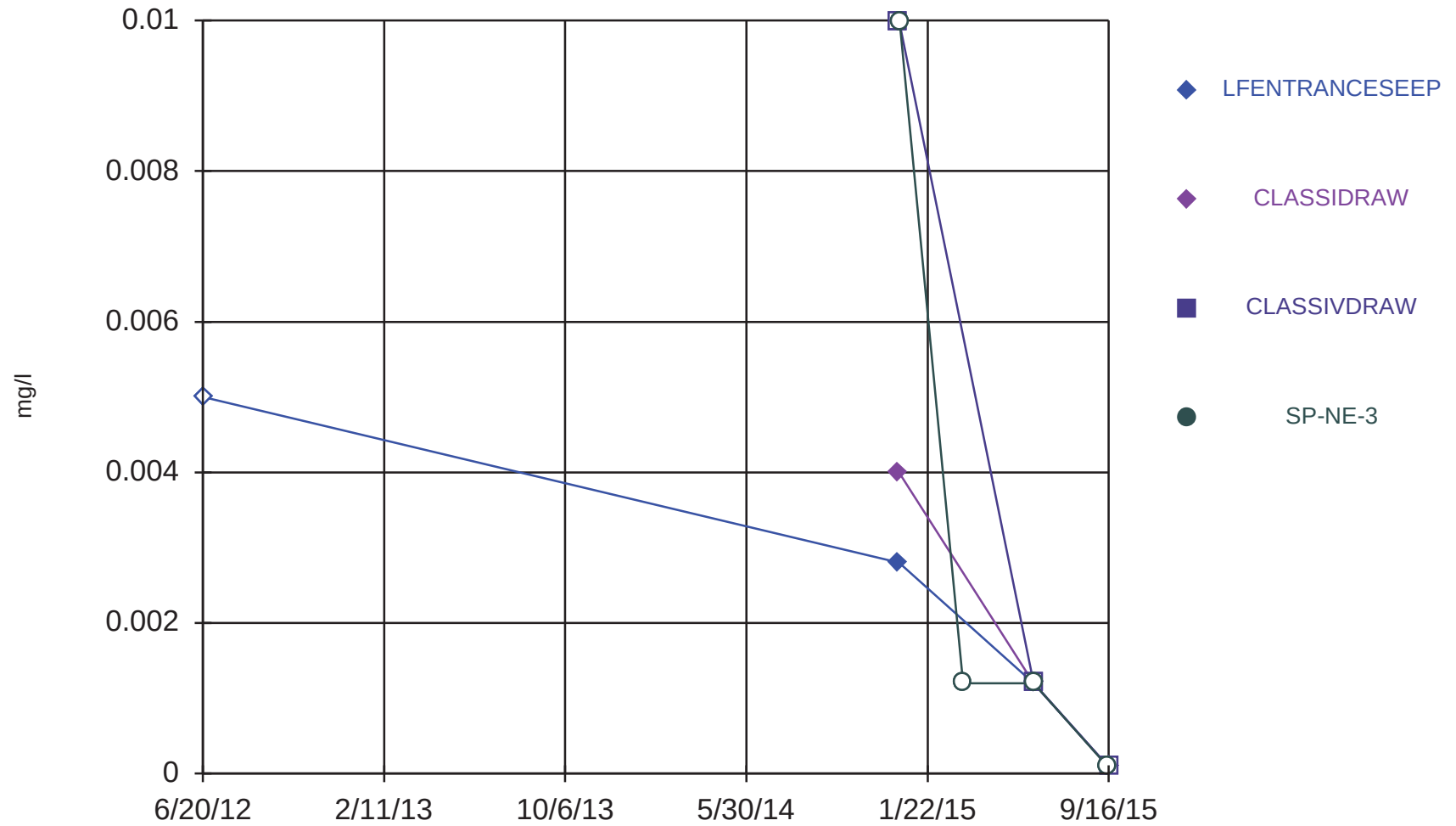
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Time Series



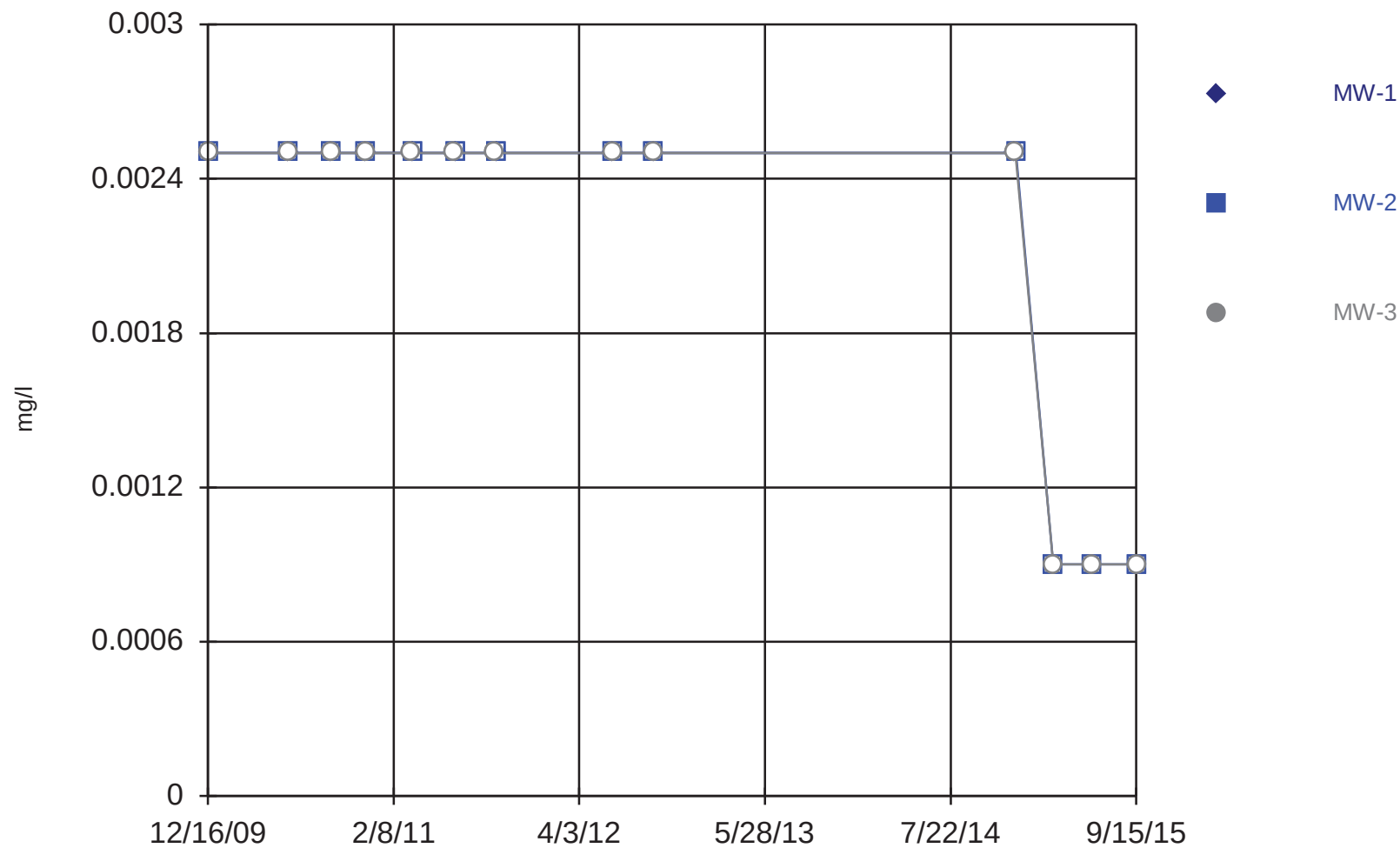
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Time Series



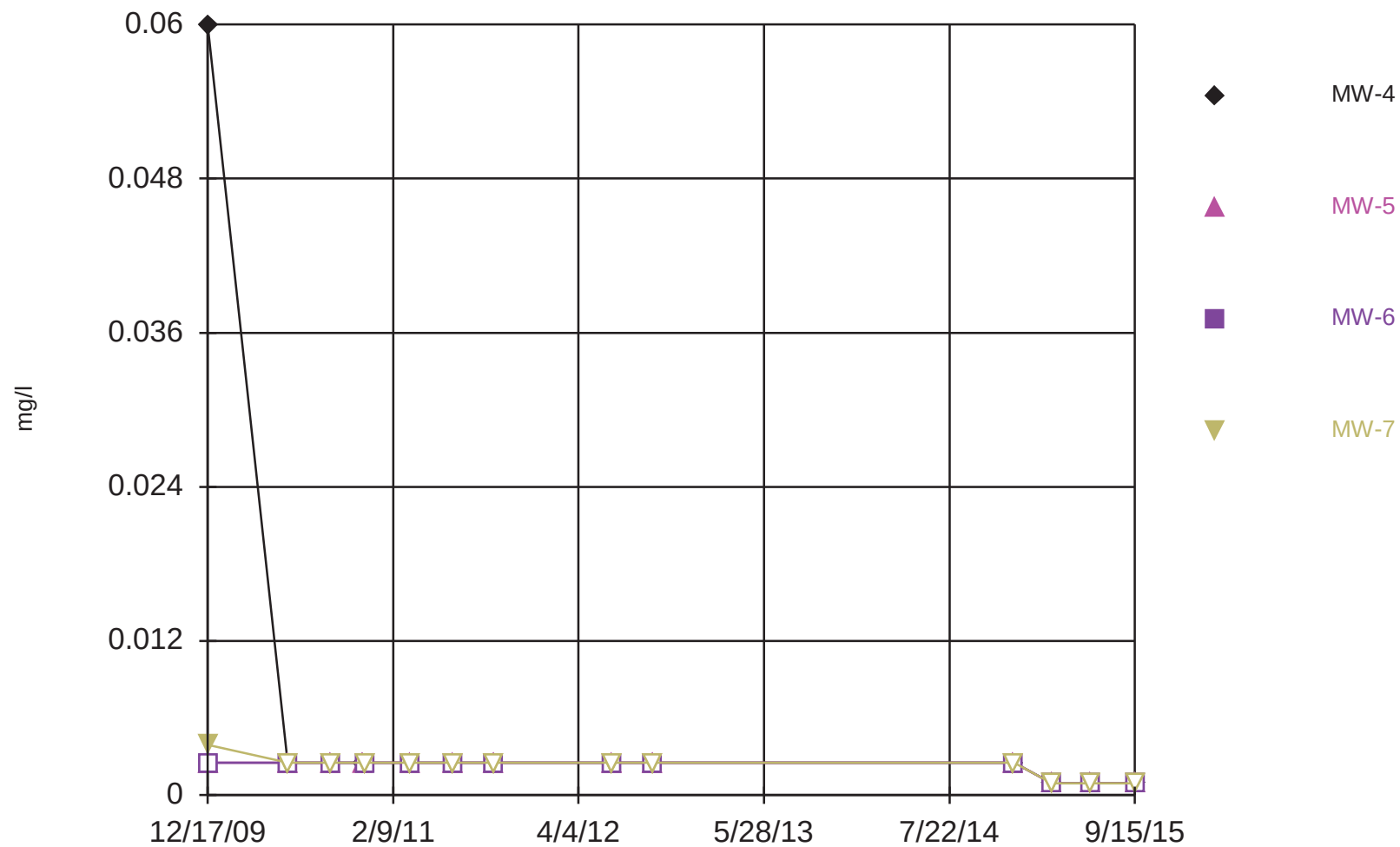
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Time Series



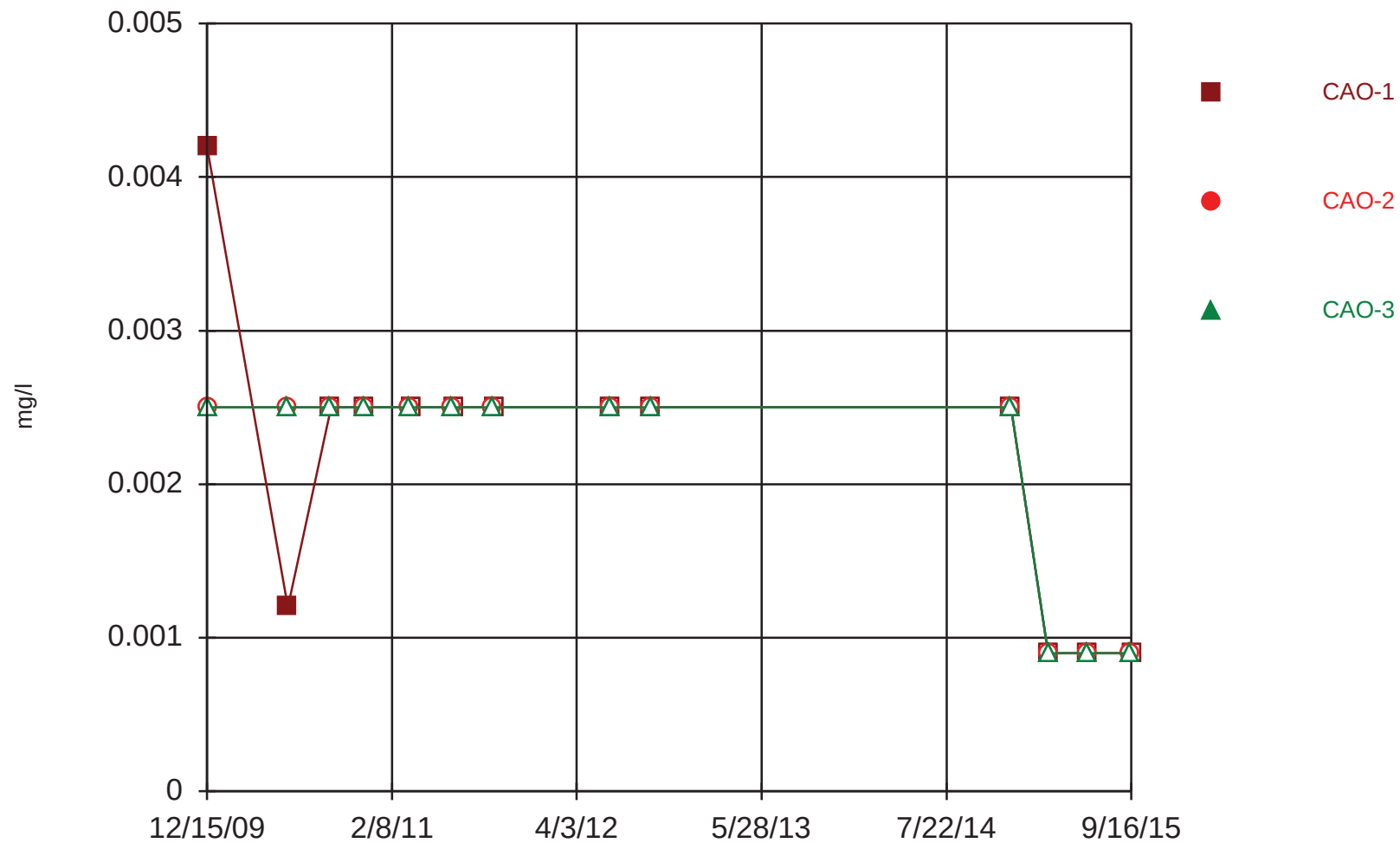
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Time Series

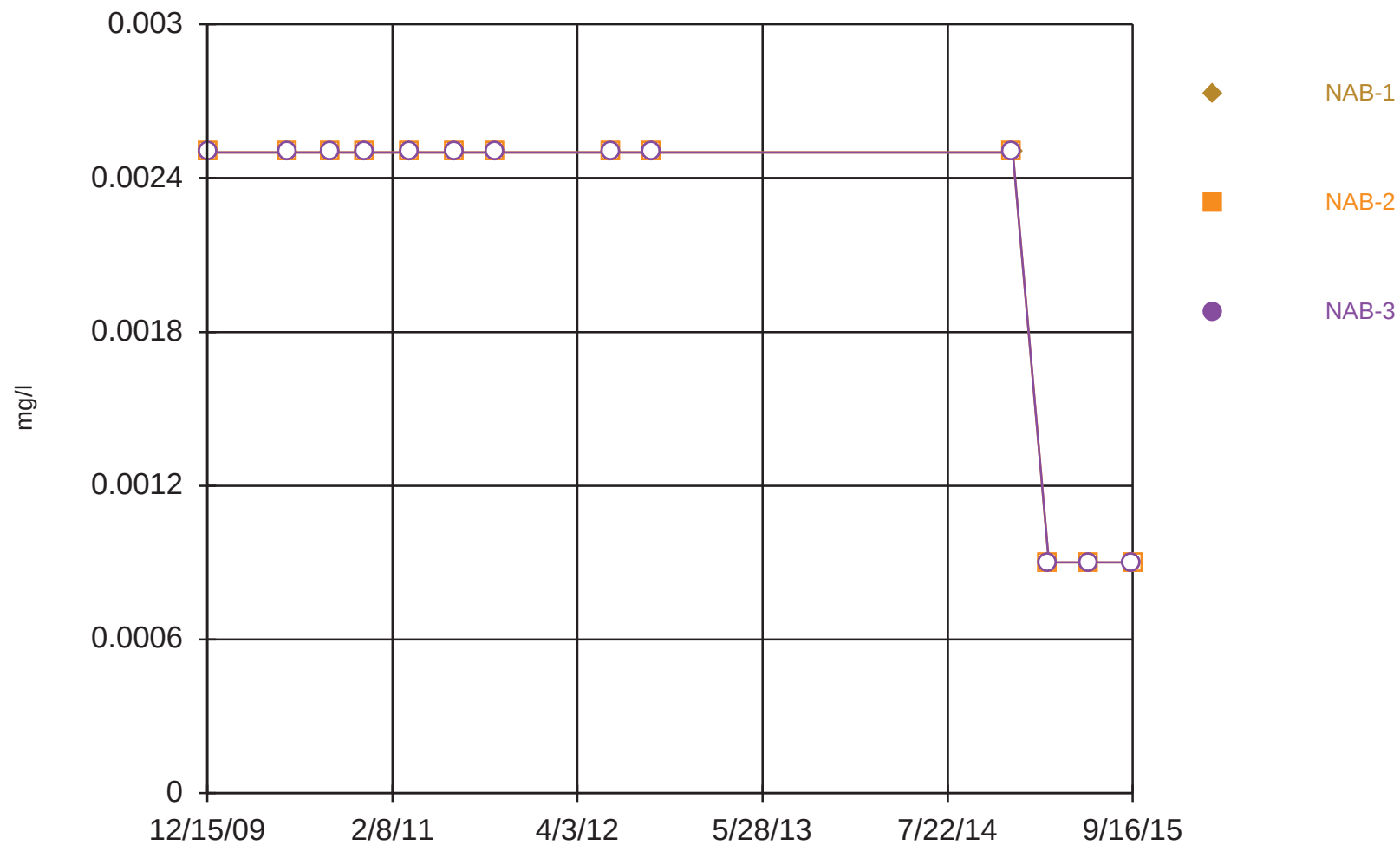


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Time Series

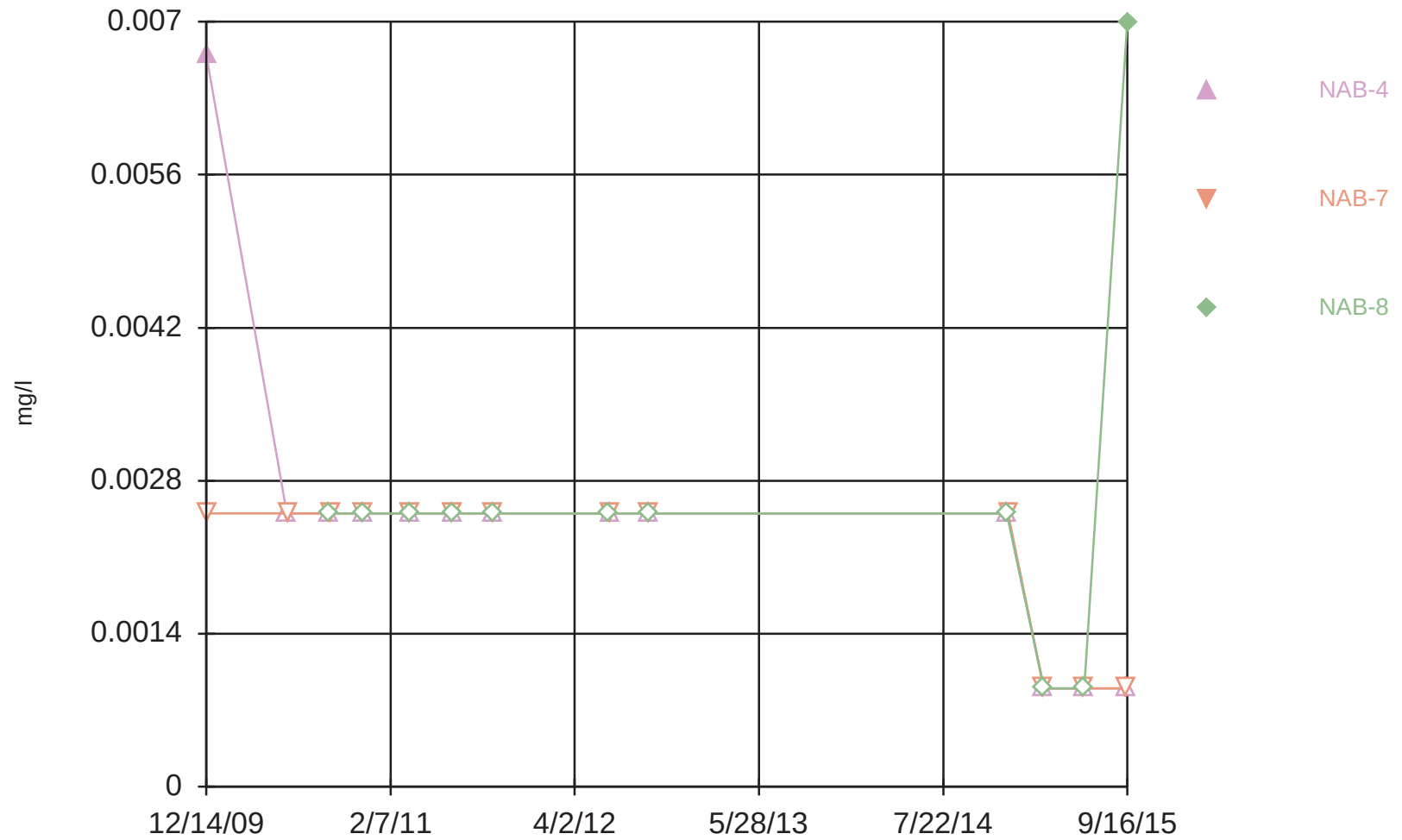


Time Series



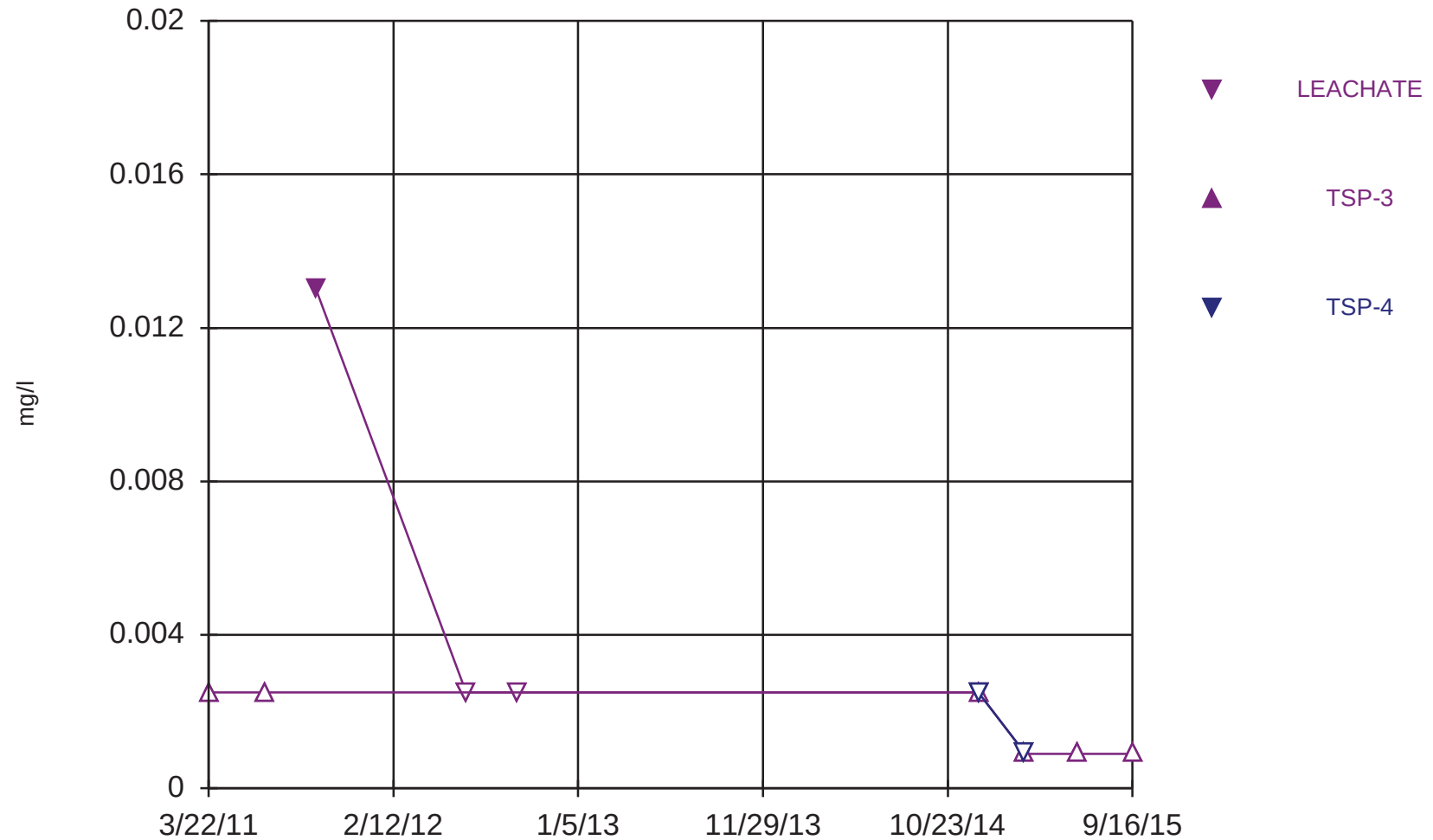
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Time Series



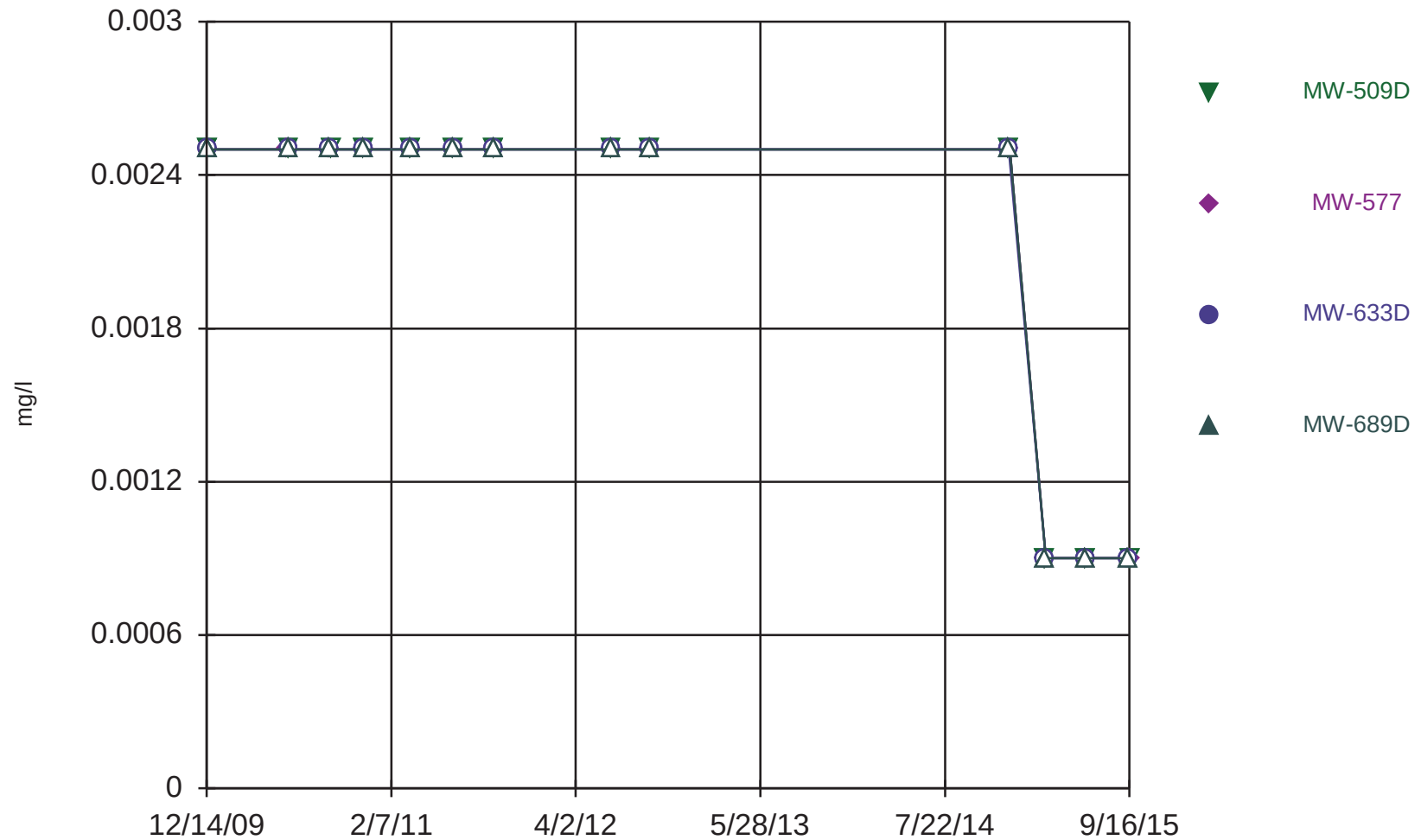
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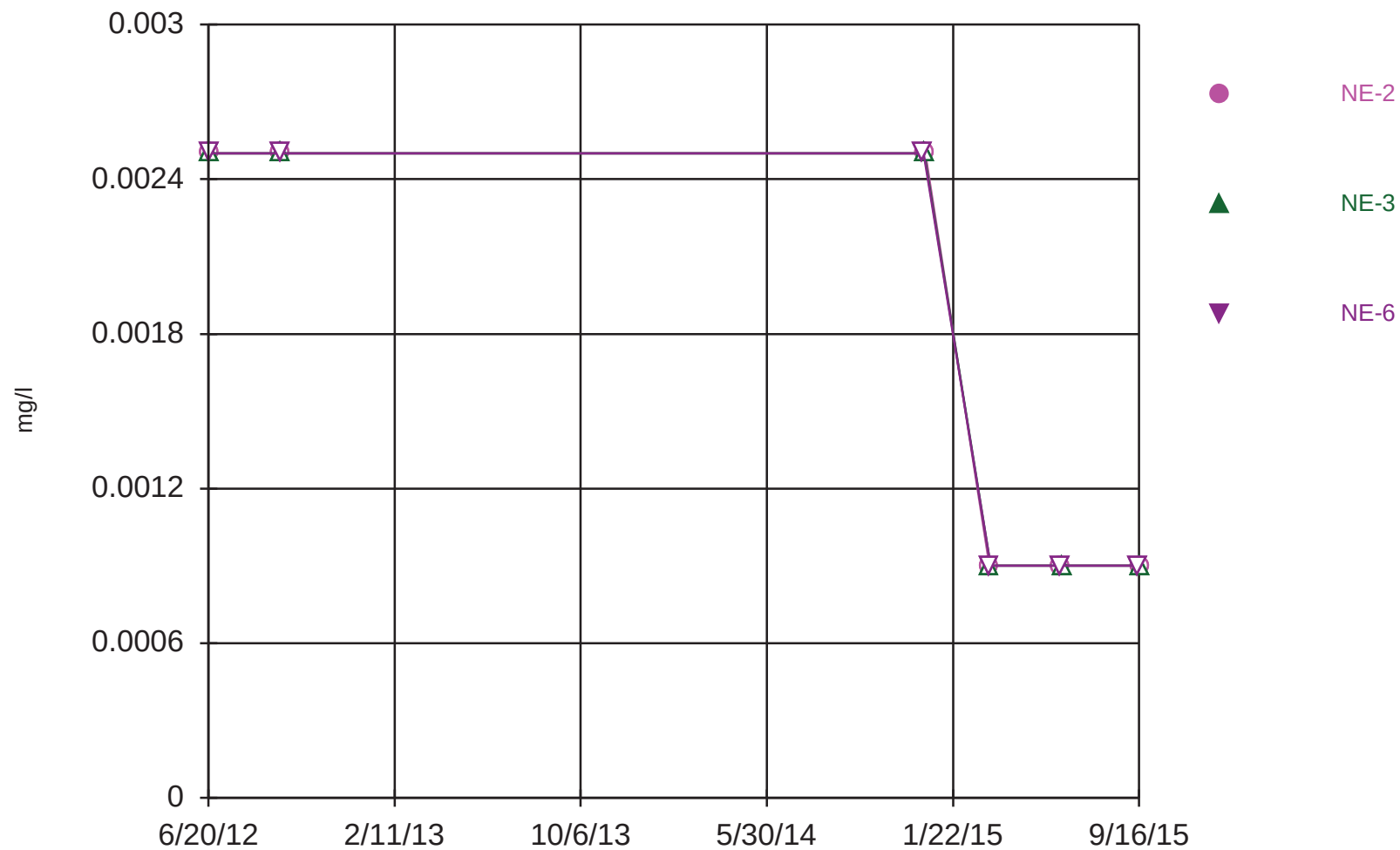


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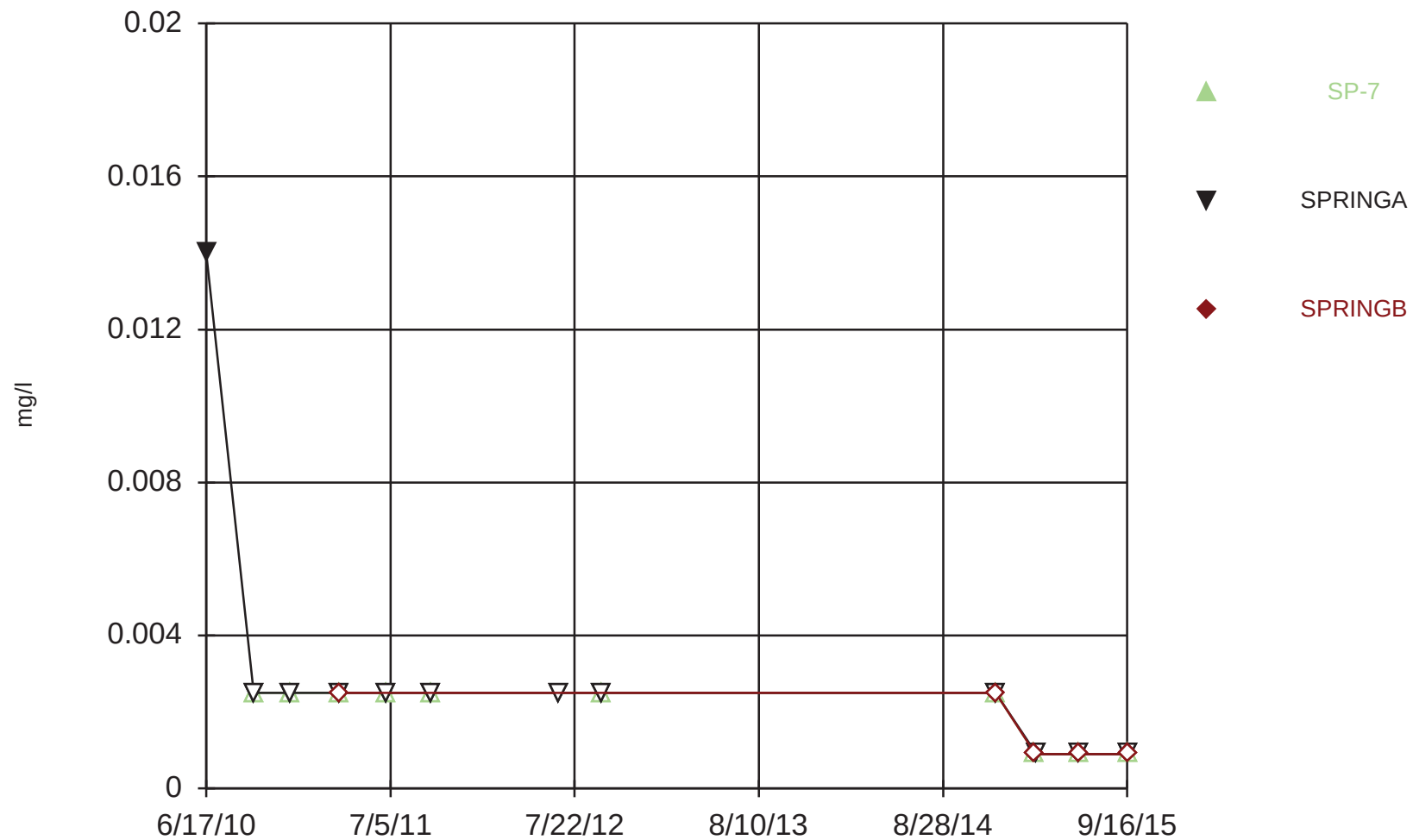


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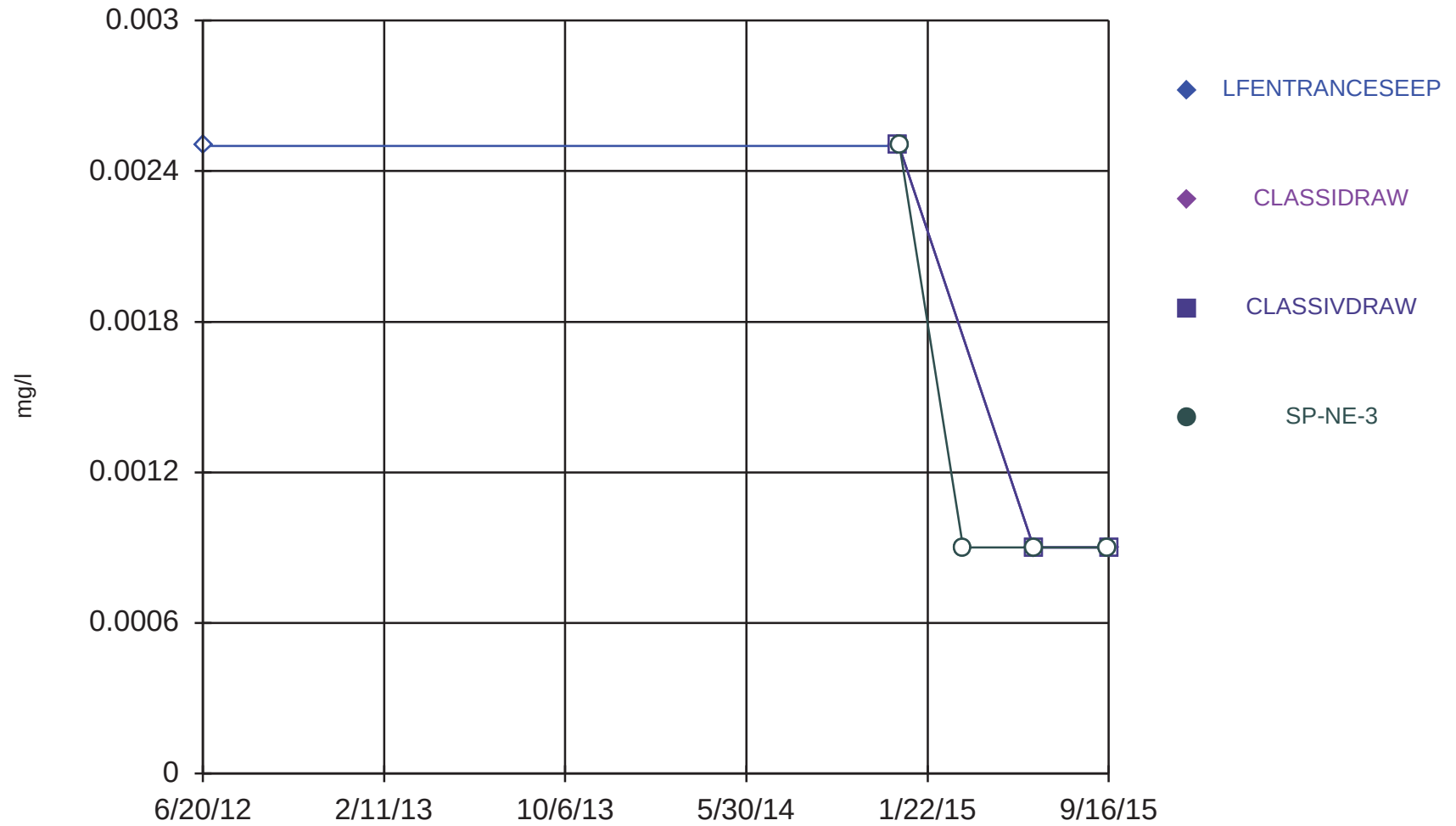


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Time Series

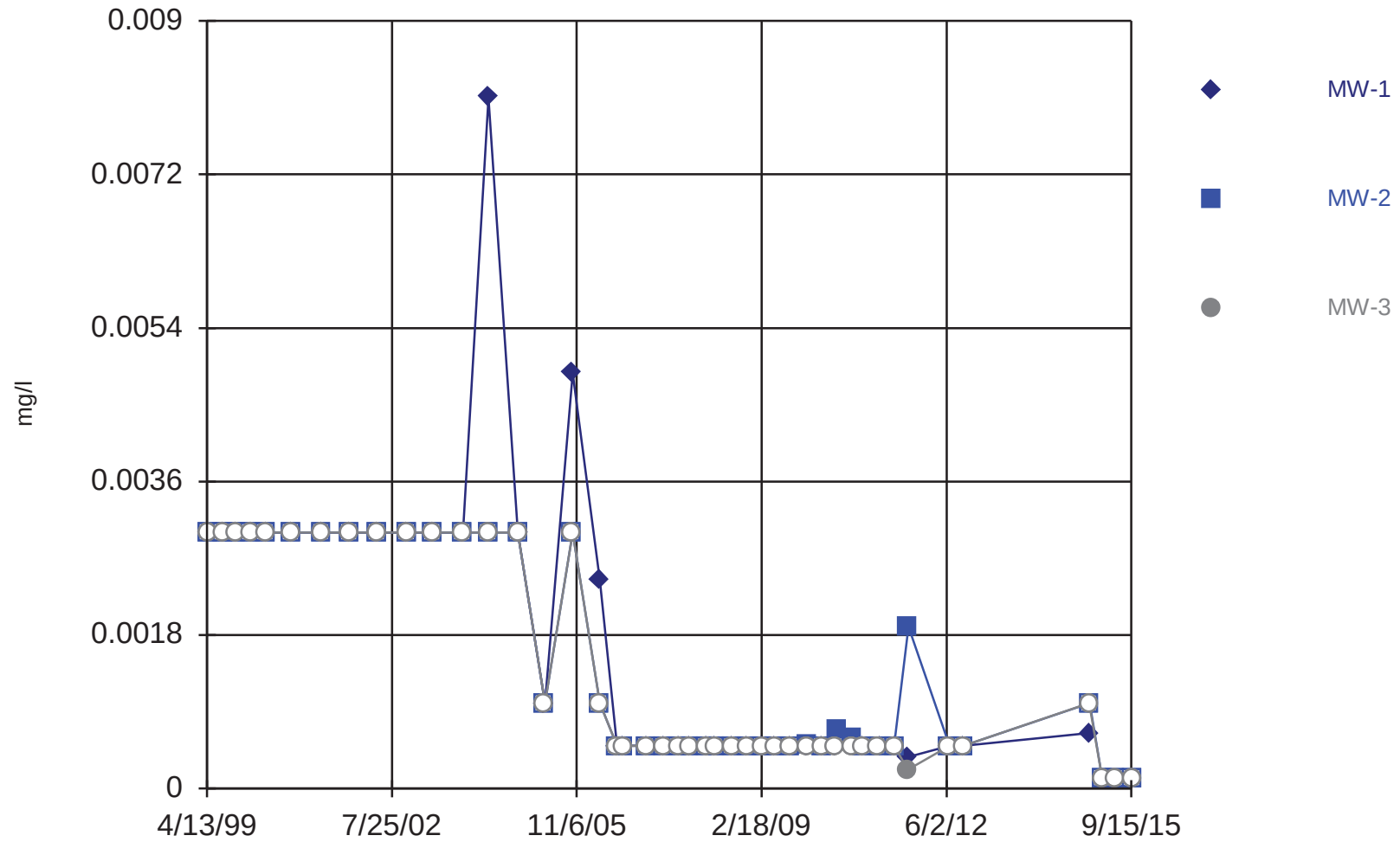


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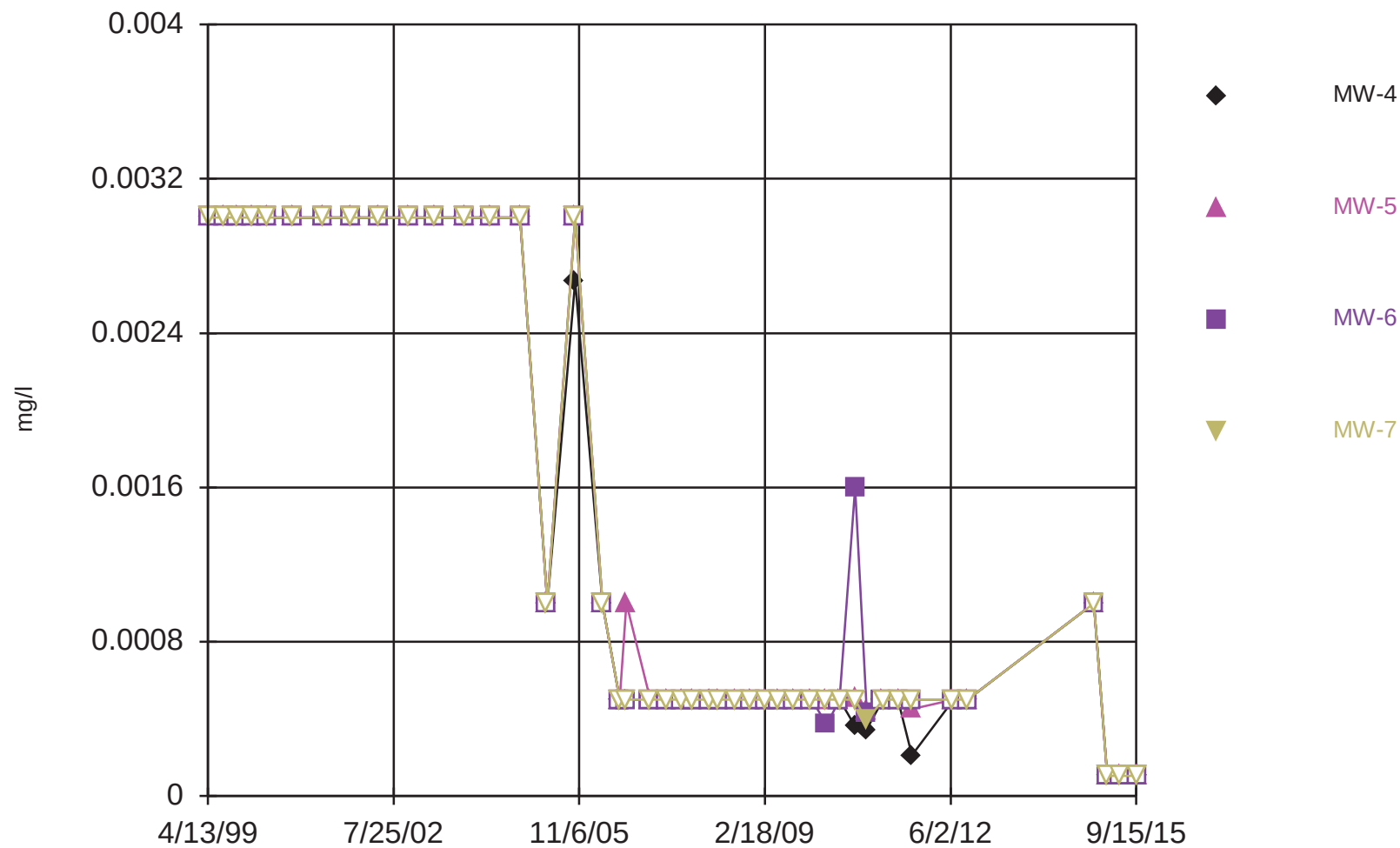
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Time Series



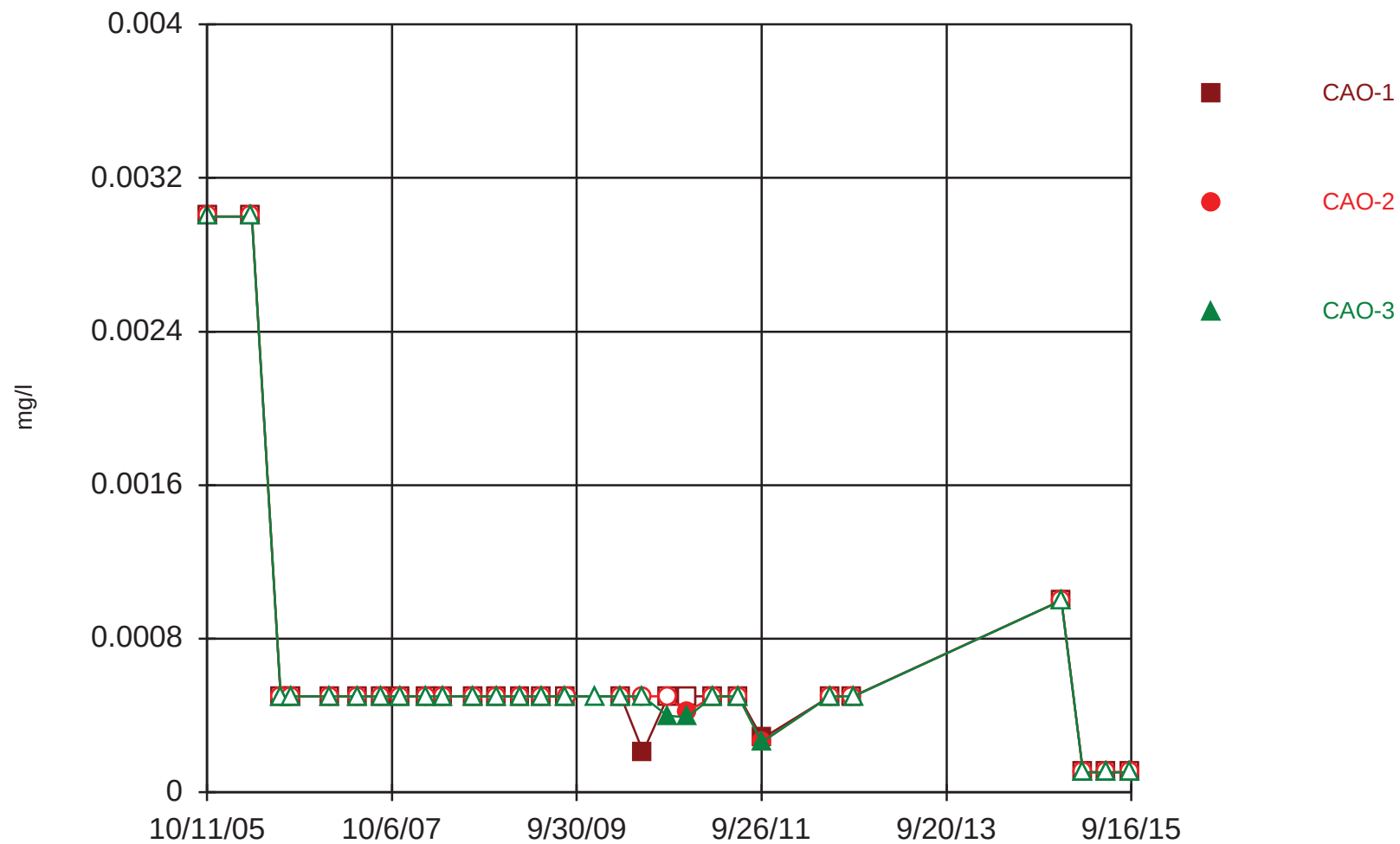
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Time Series



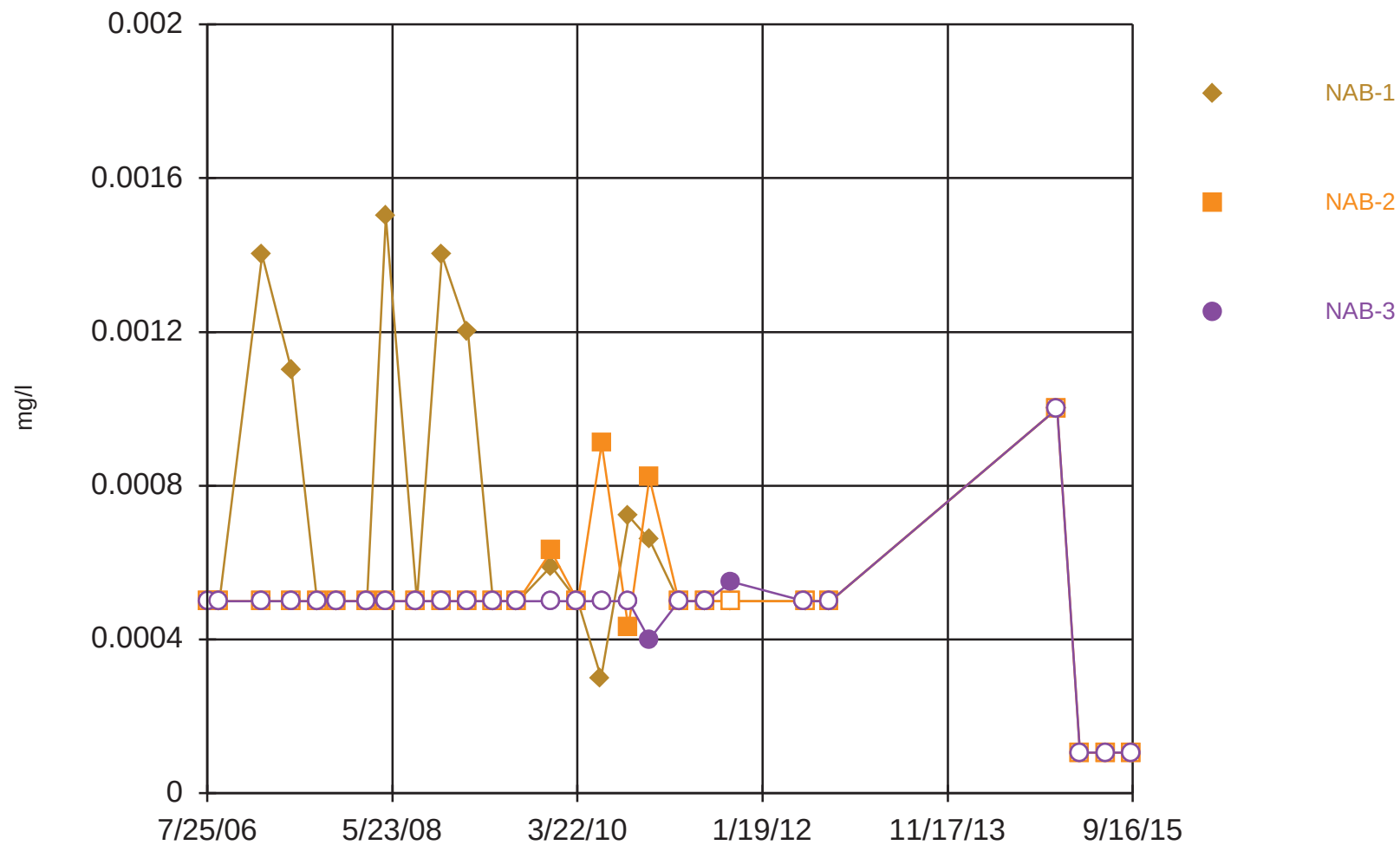
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Time Series



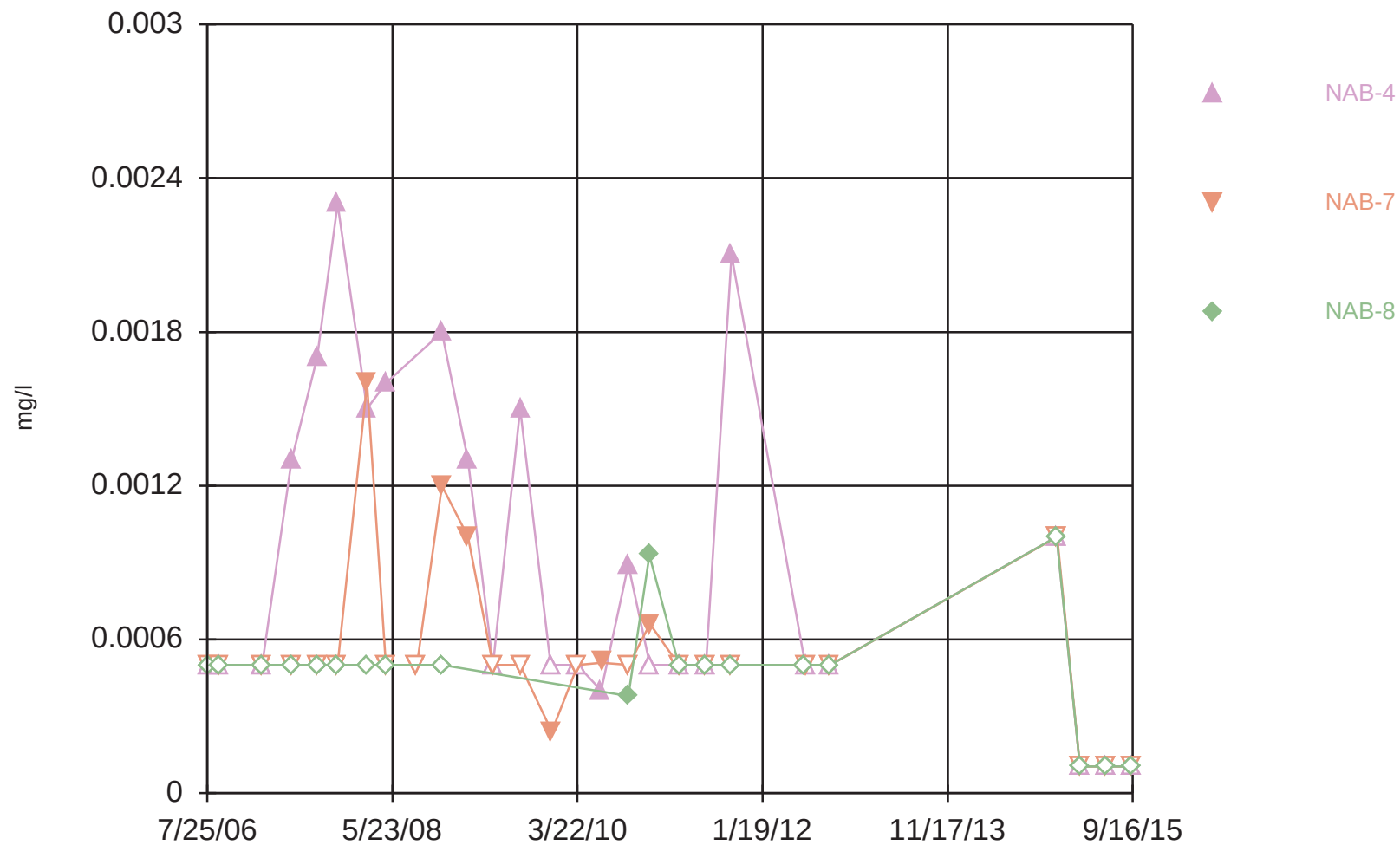
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Time Series



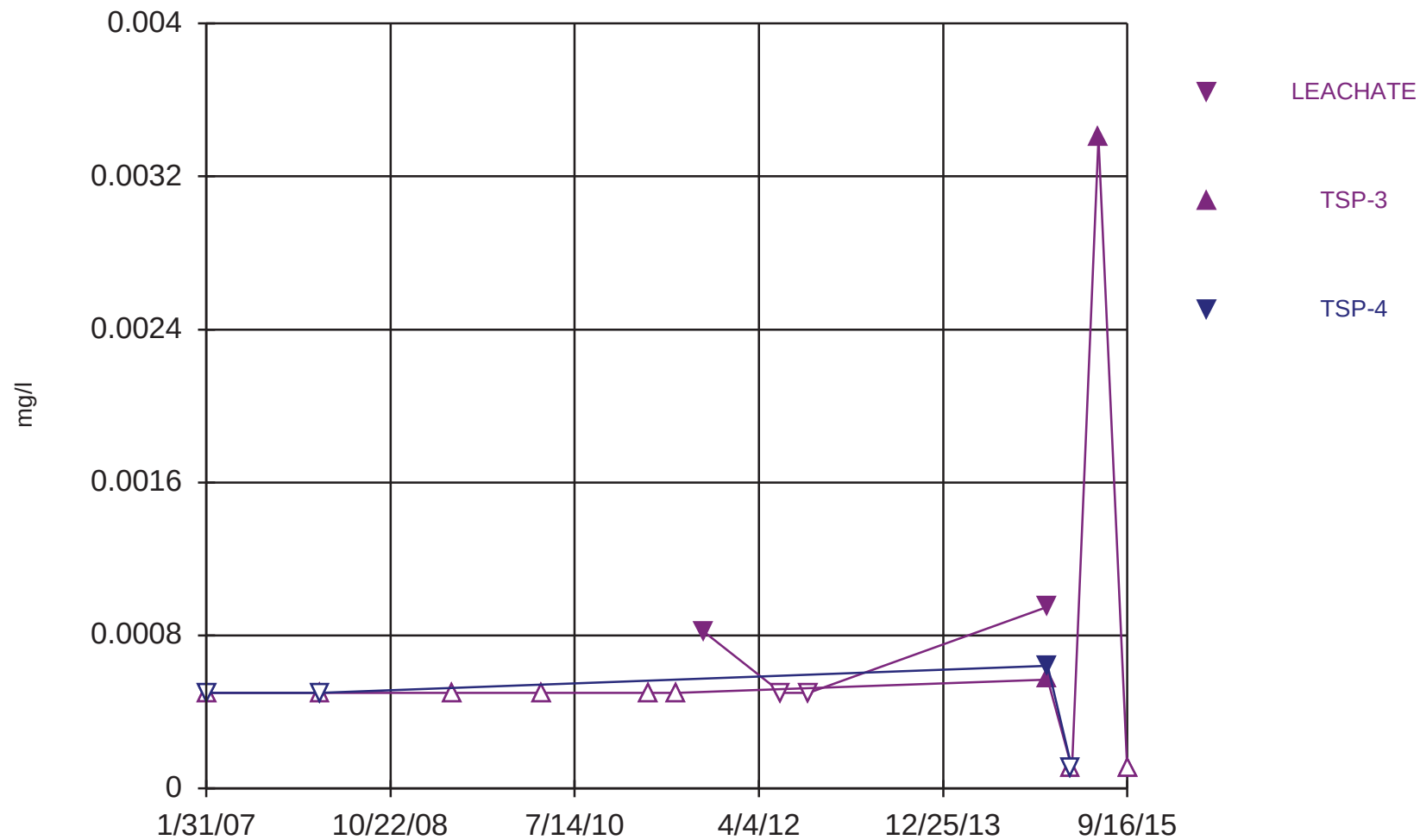
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Time Series



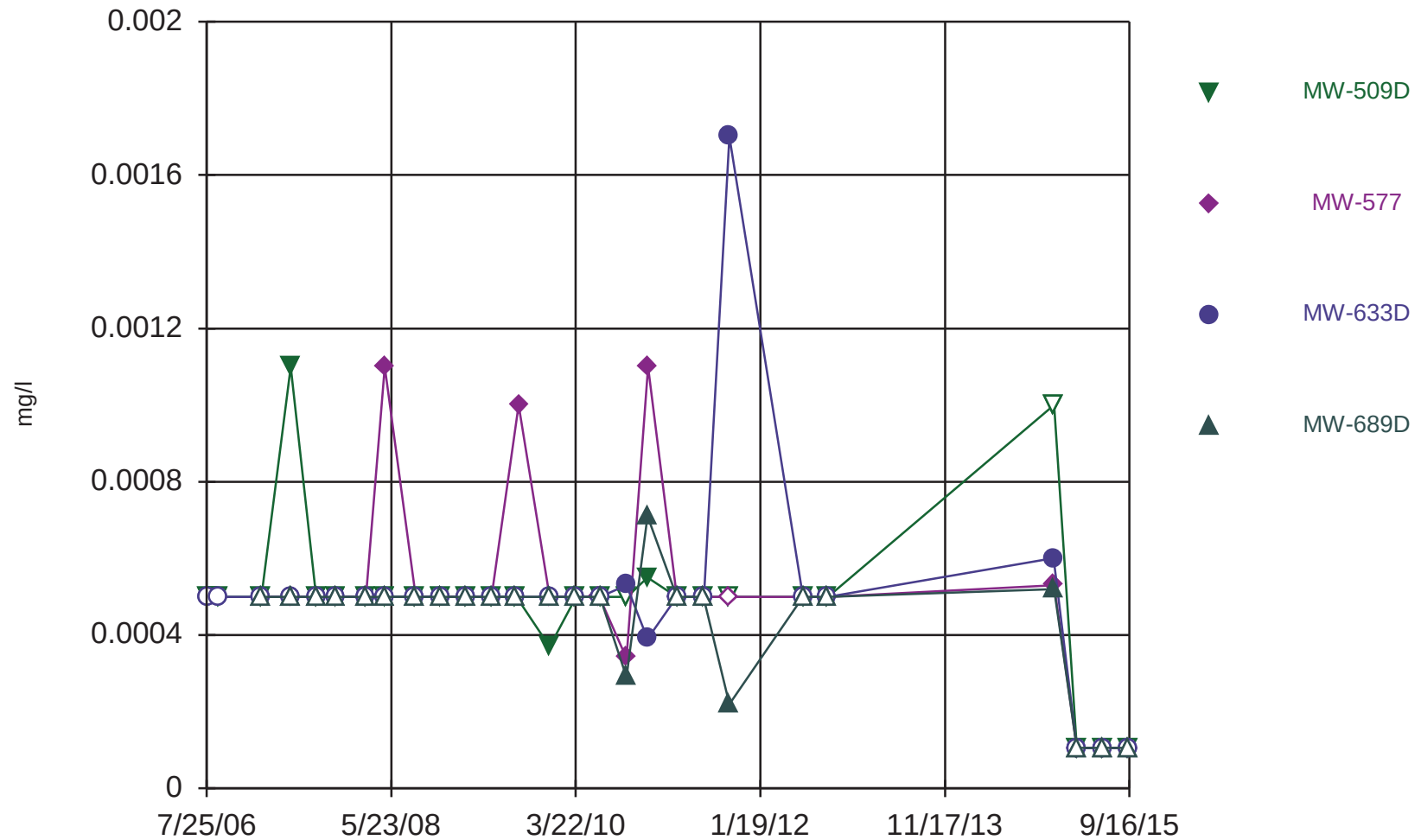
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Time Series



Constituent: Antimony Analysis Run 10/22/2015 3:14 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

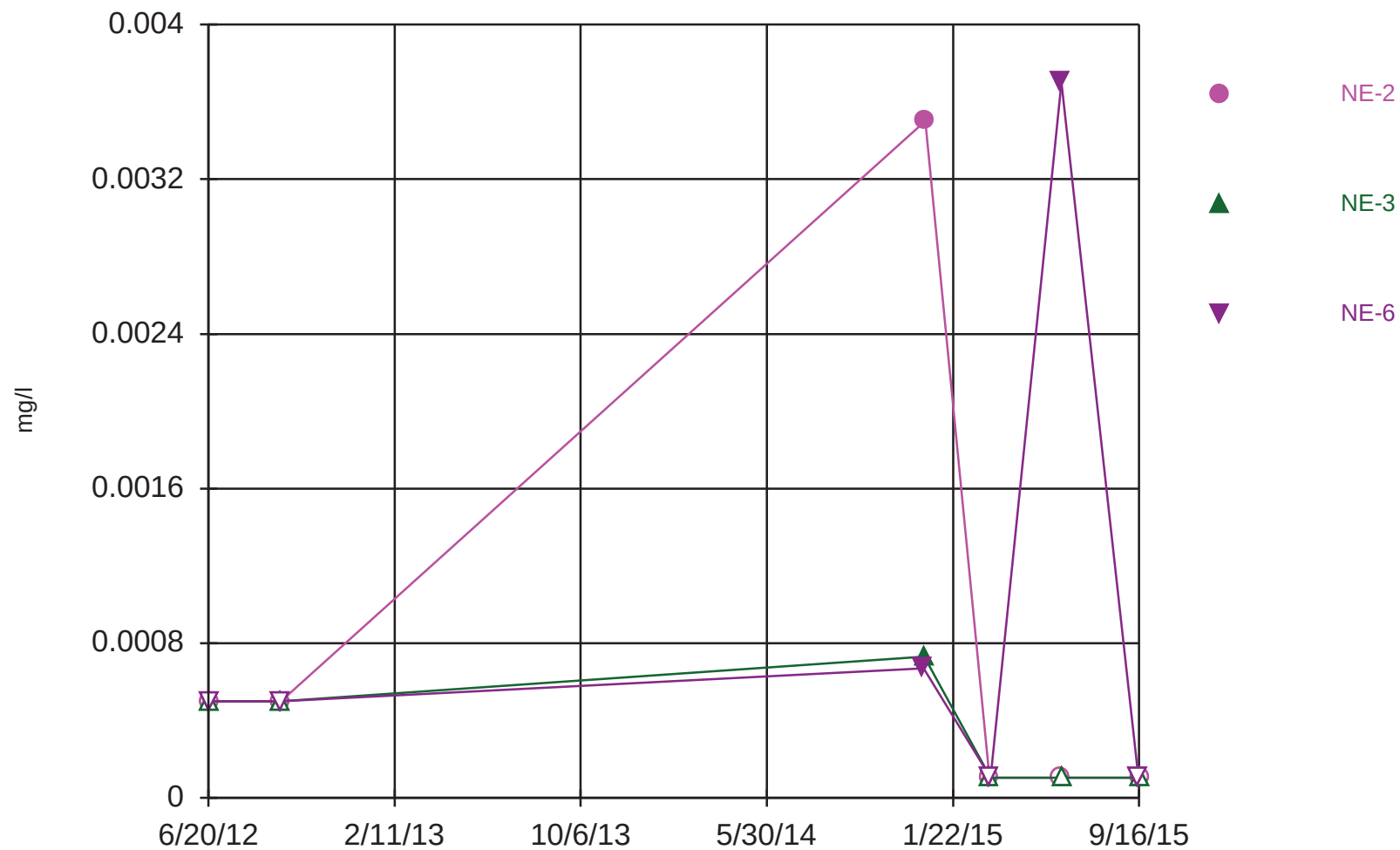
Time Series



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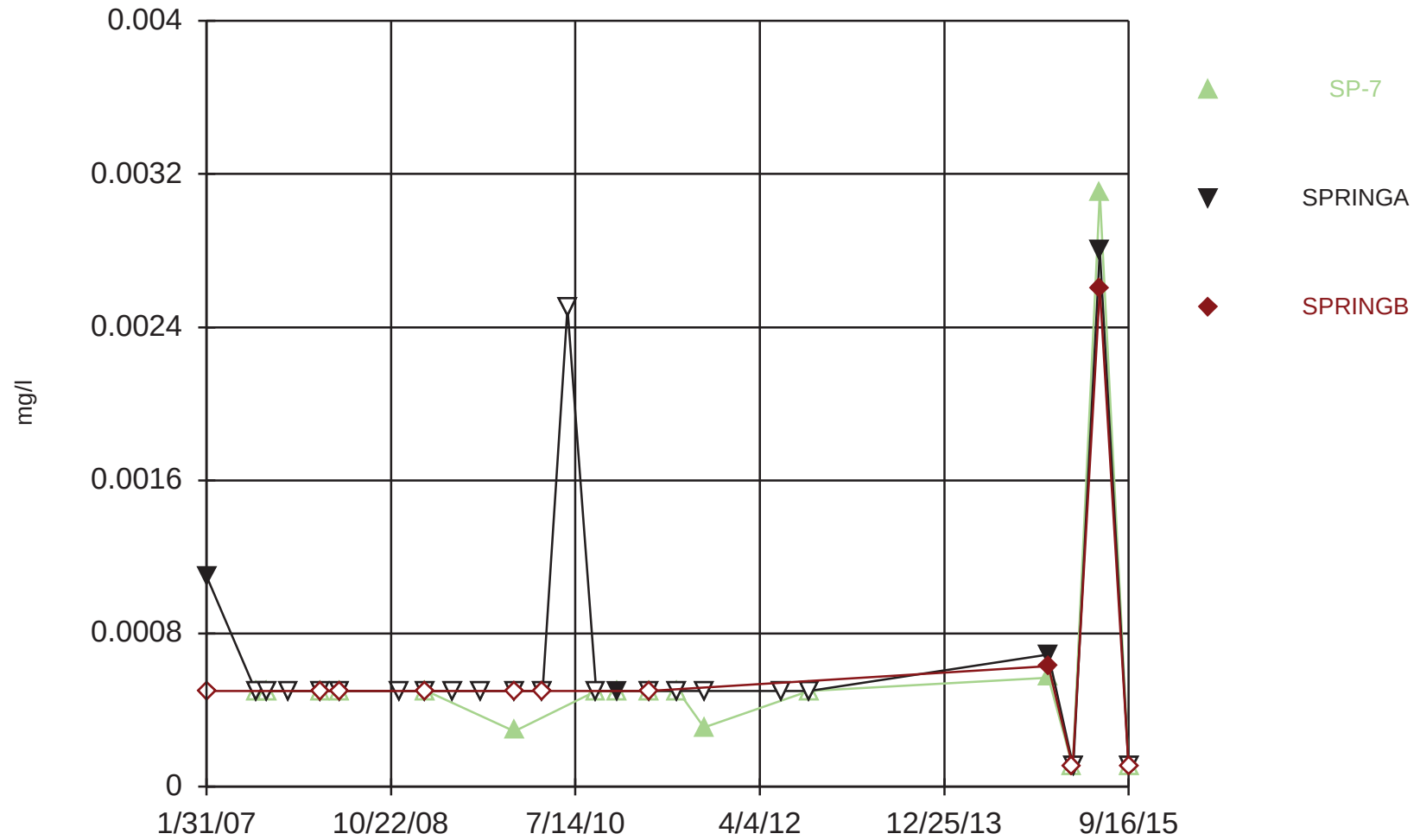
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Time Series



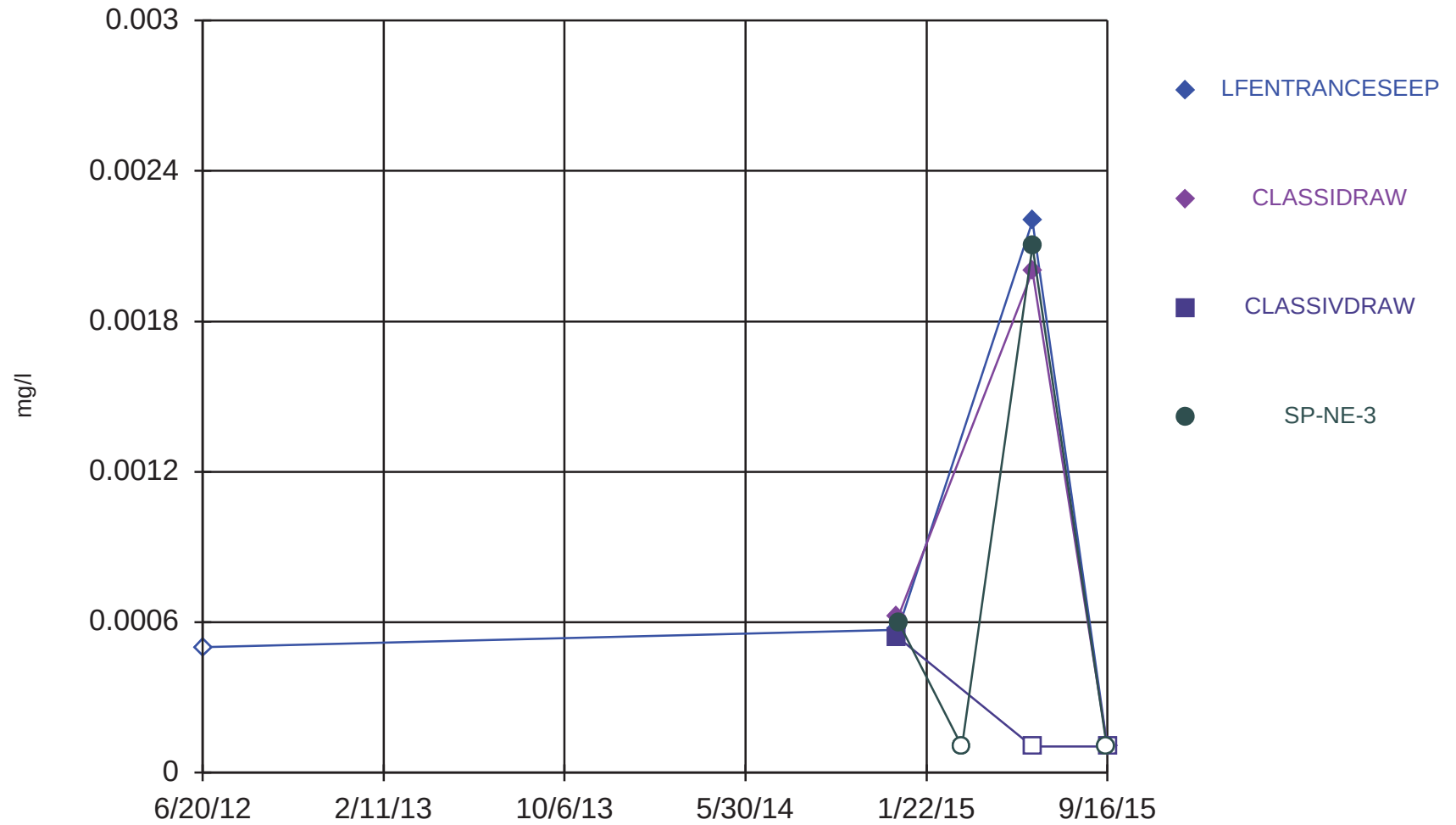
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Antimony Analysis Run 10/22/2015 3:15 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

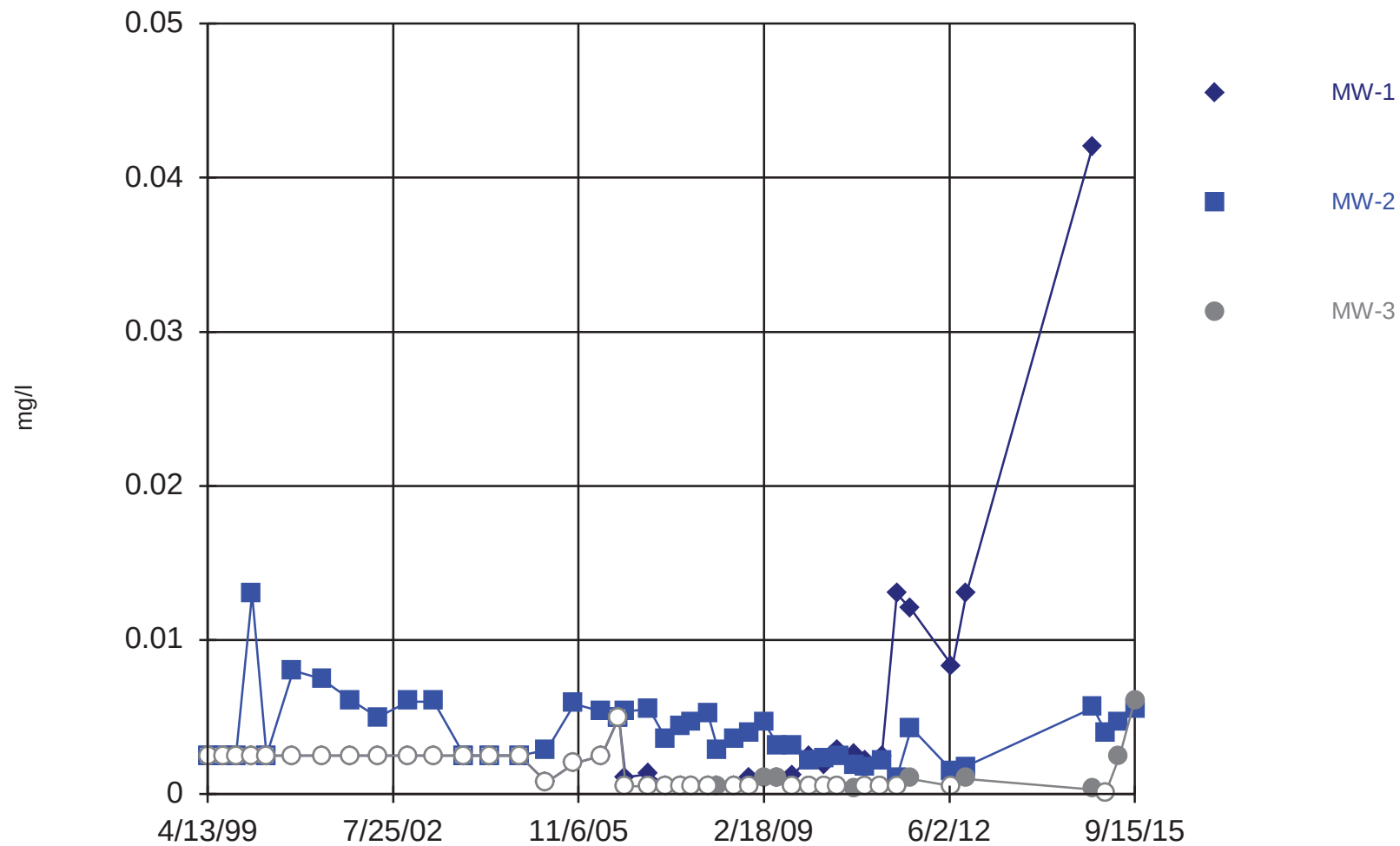
Time Series



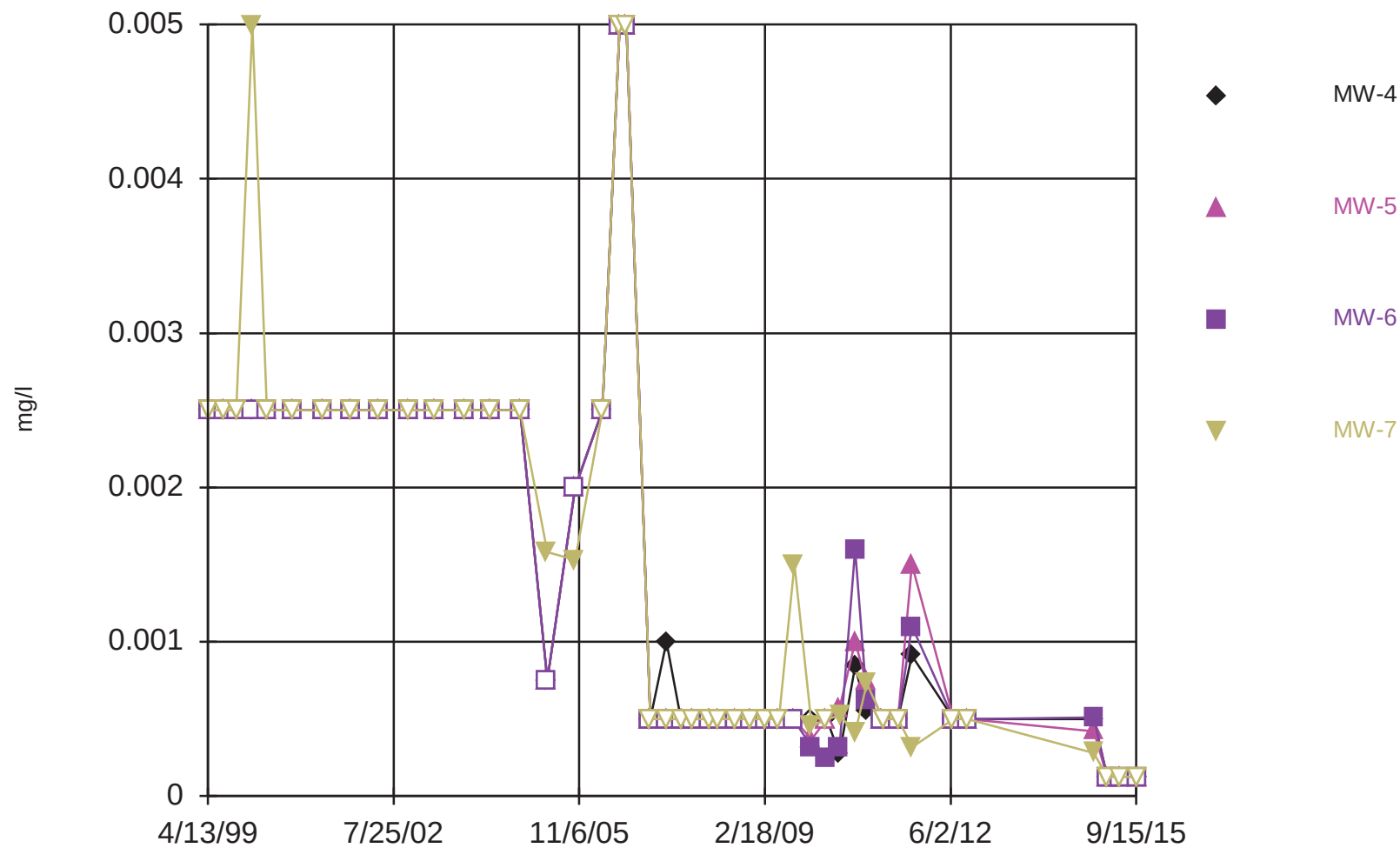
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



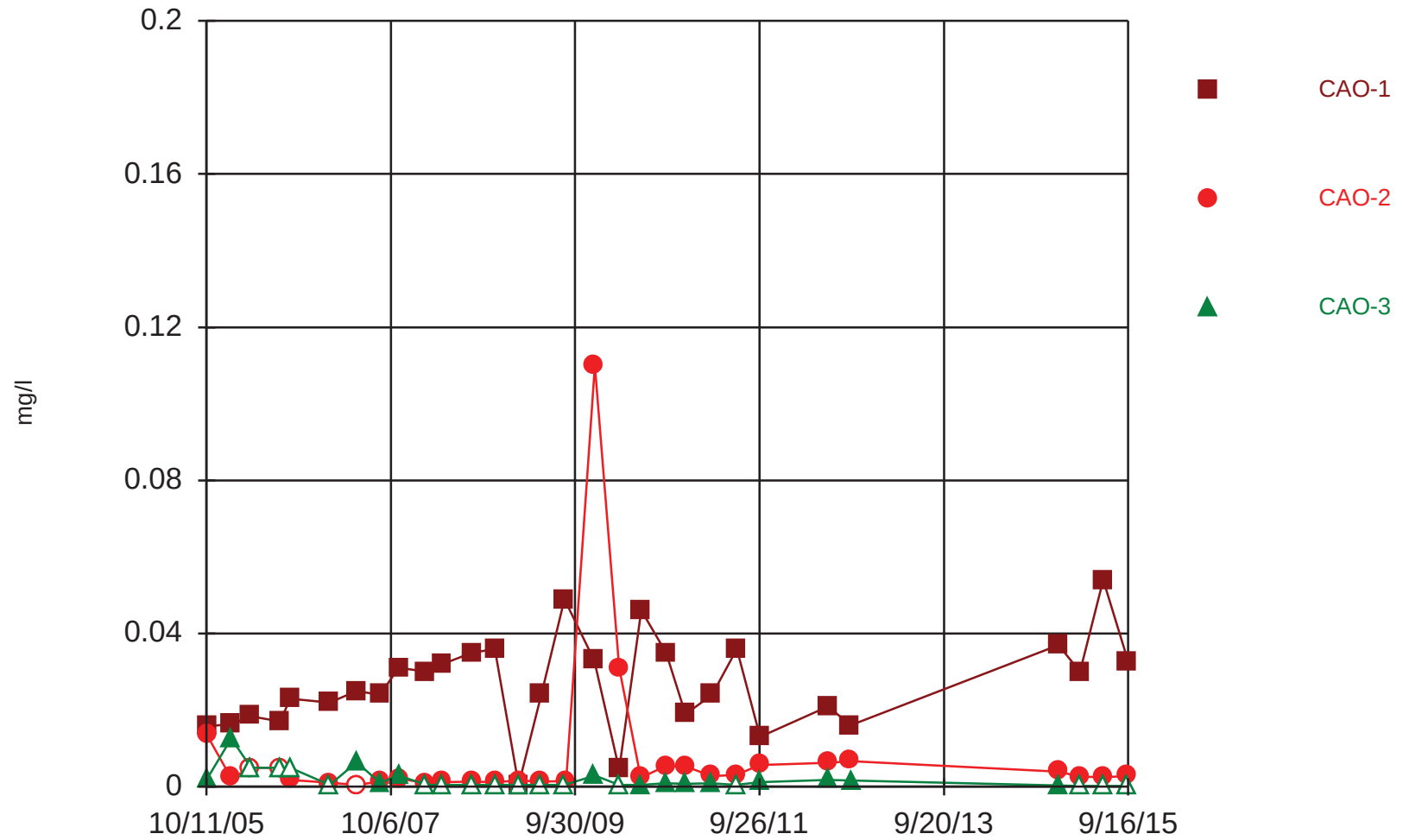
Time Series



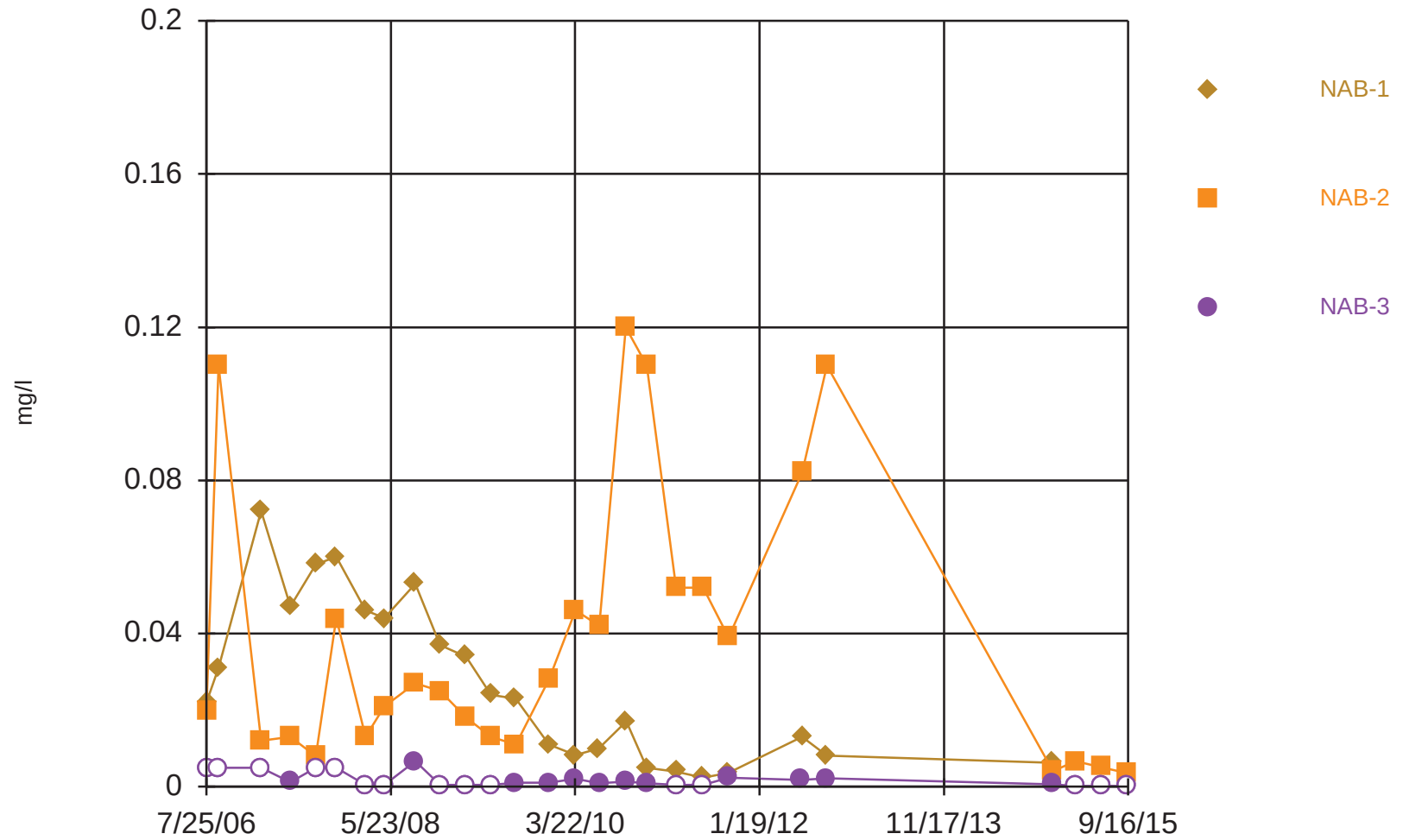
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



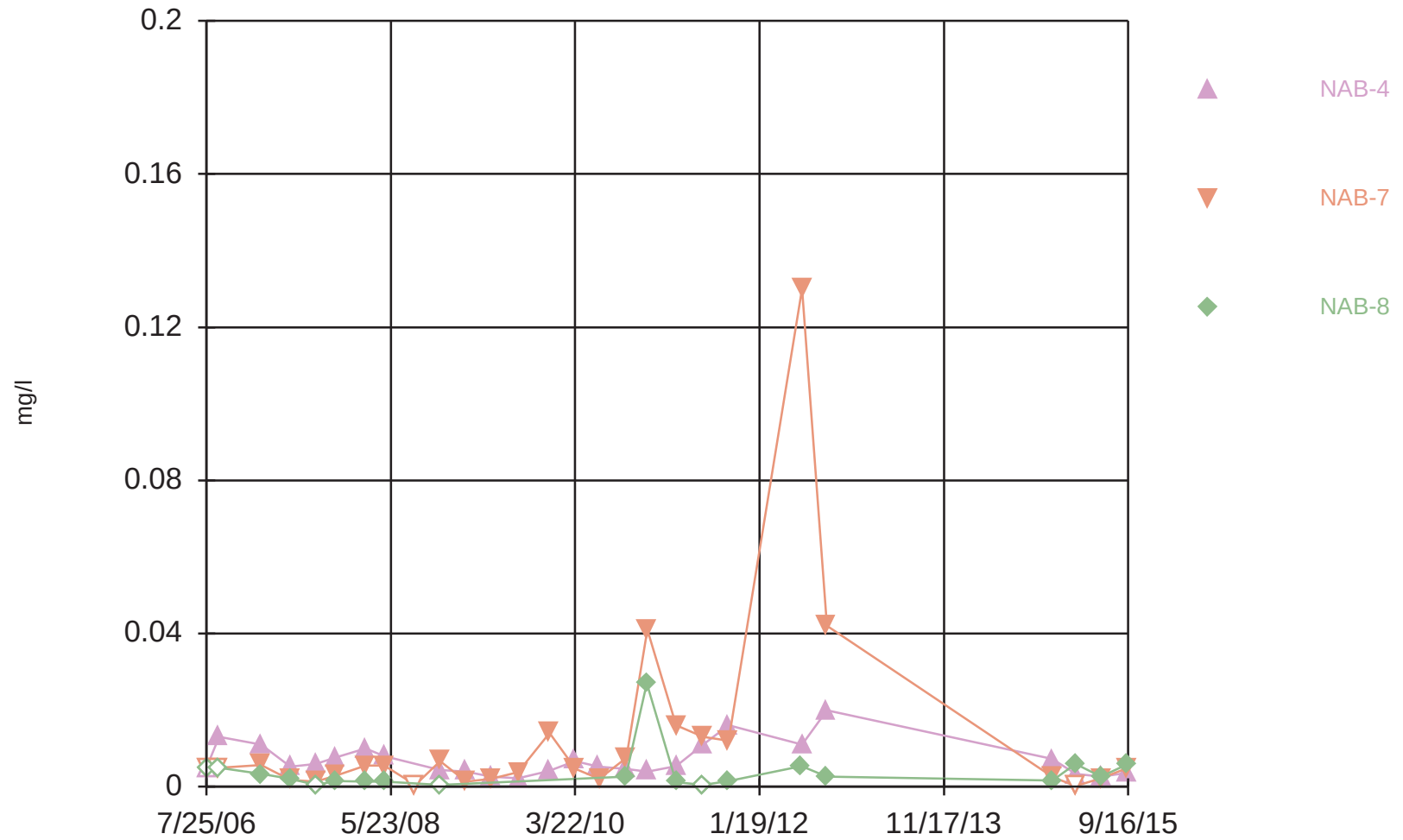
Time Series



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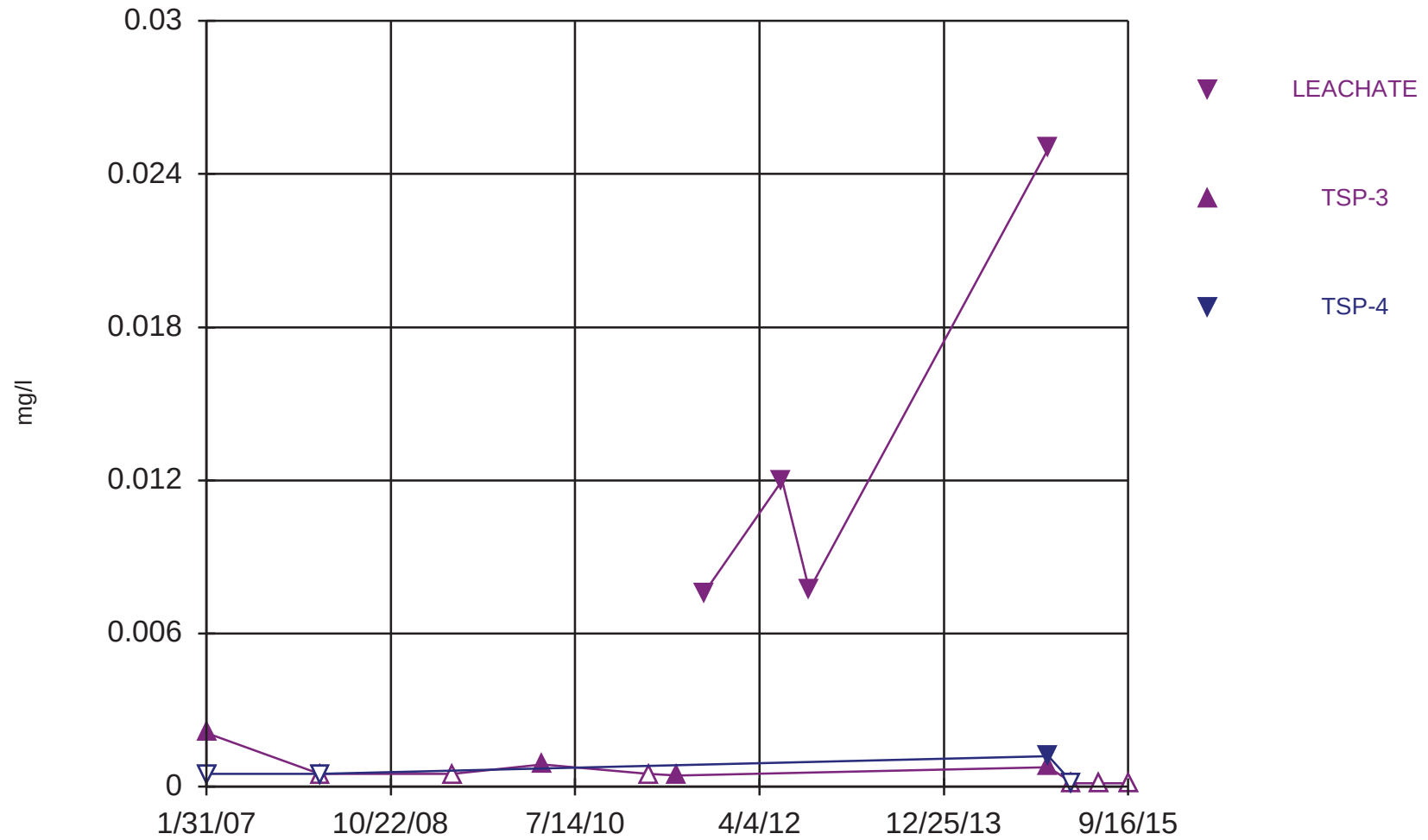
Time Series



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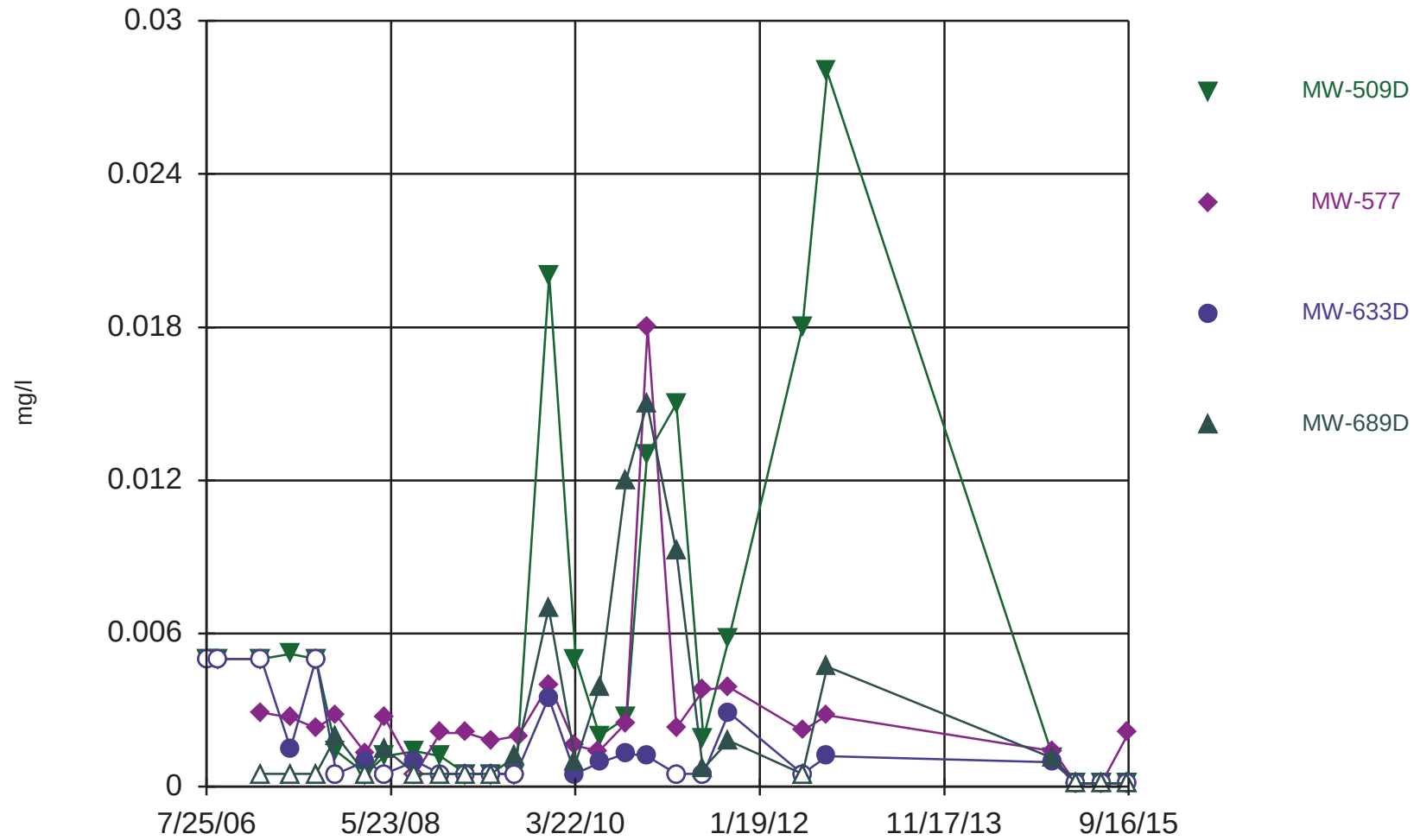
Time Series



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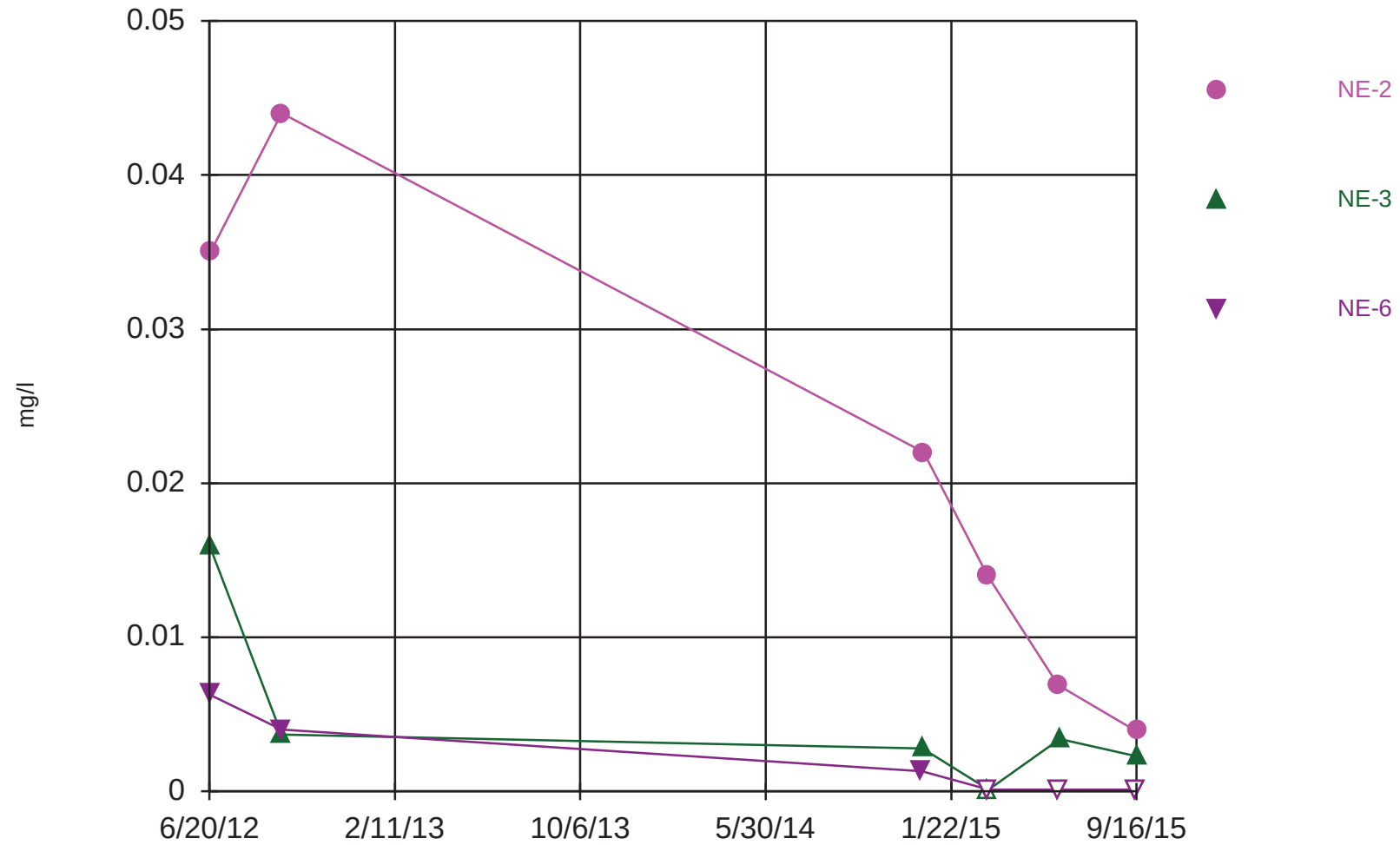
Time Series



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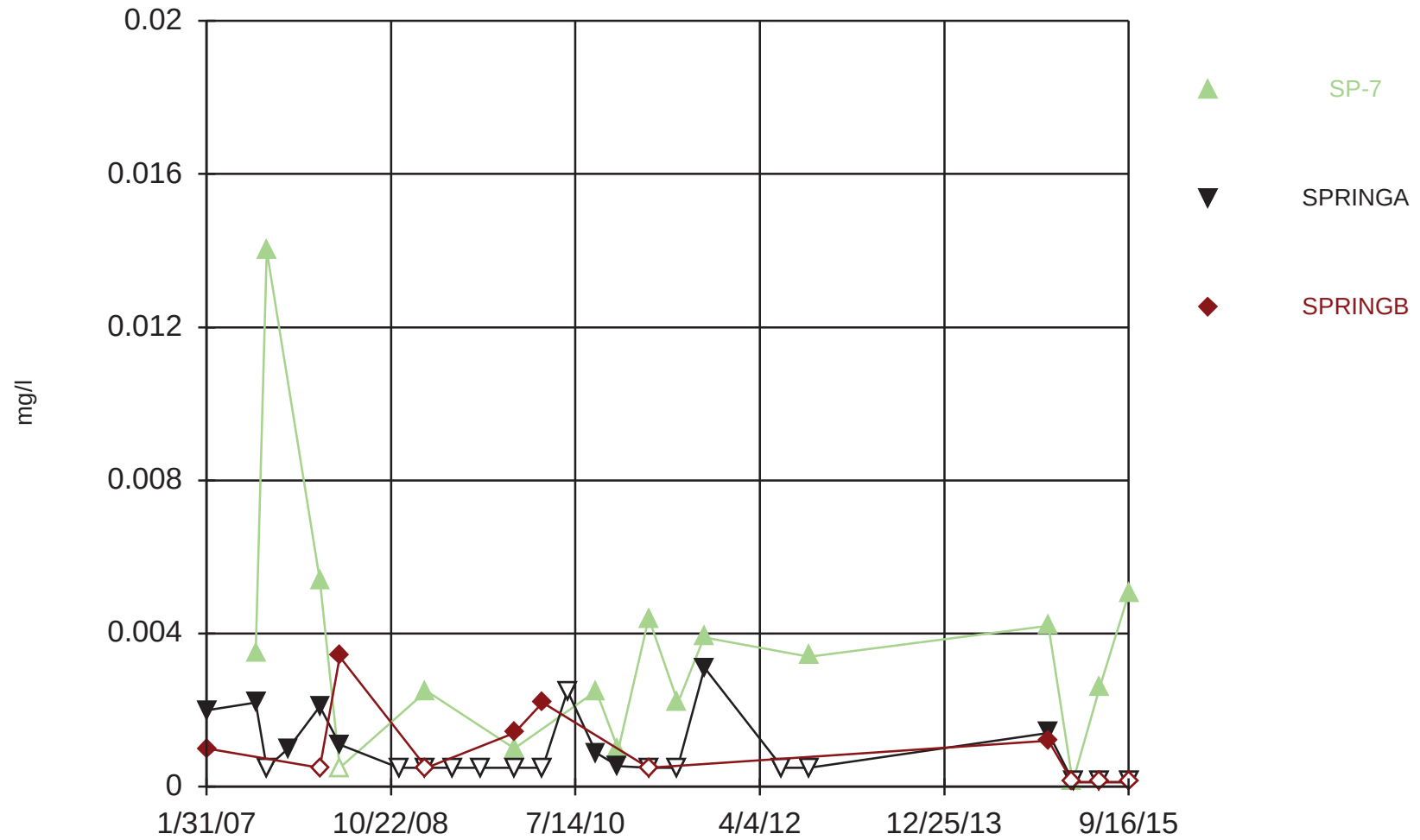
Time Series



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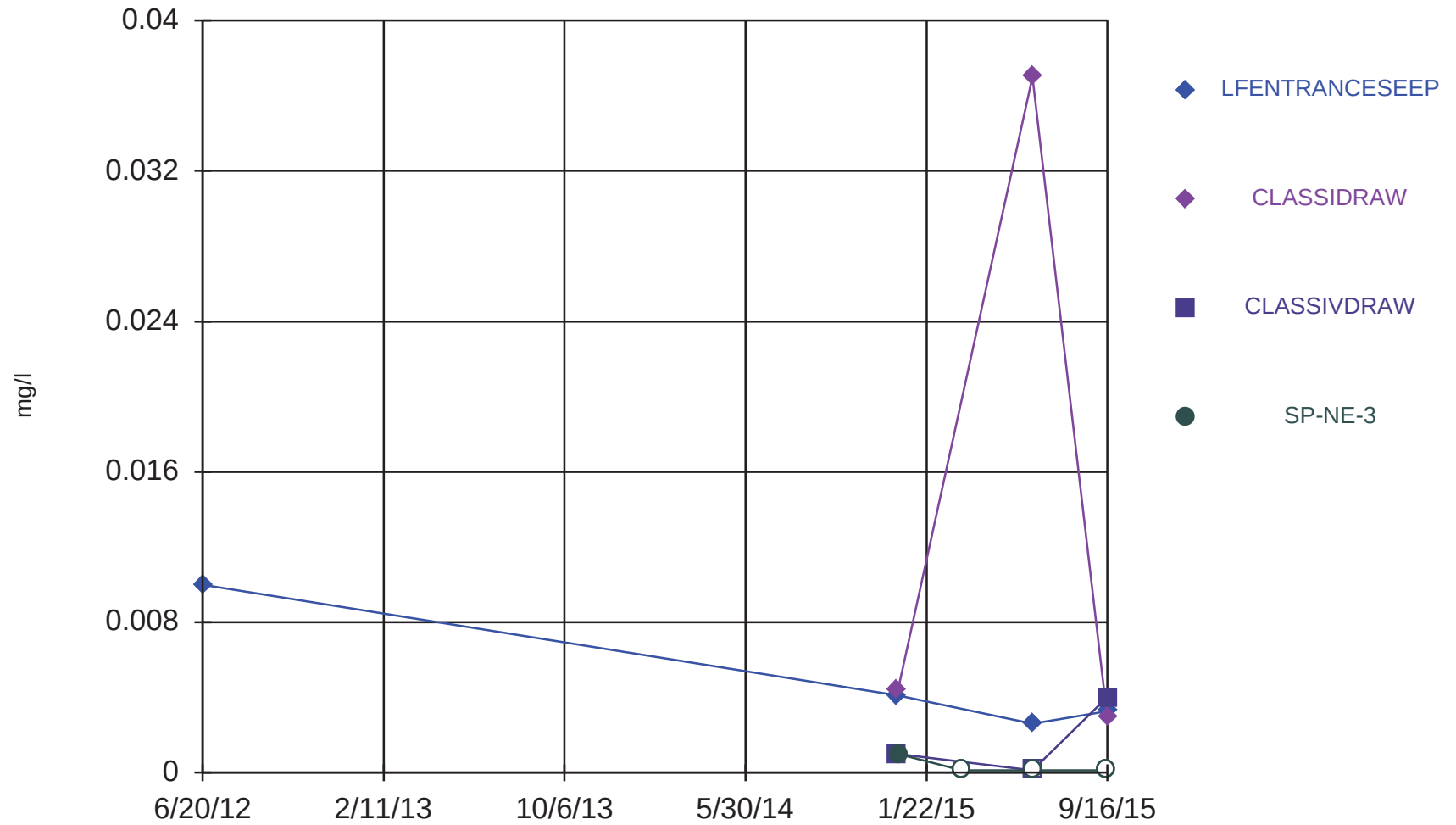
Time Series



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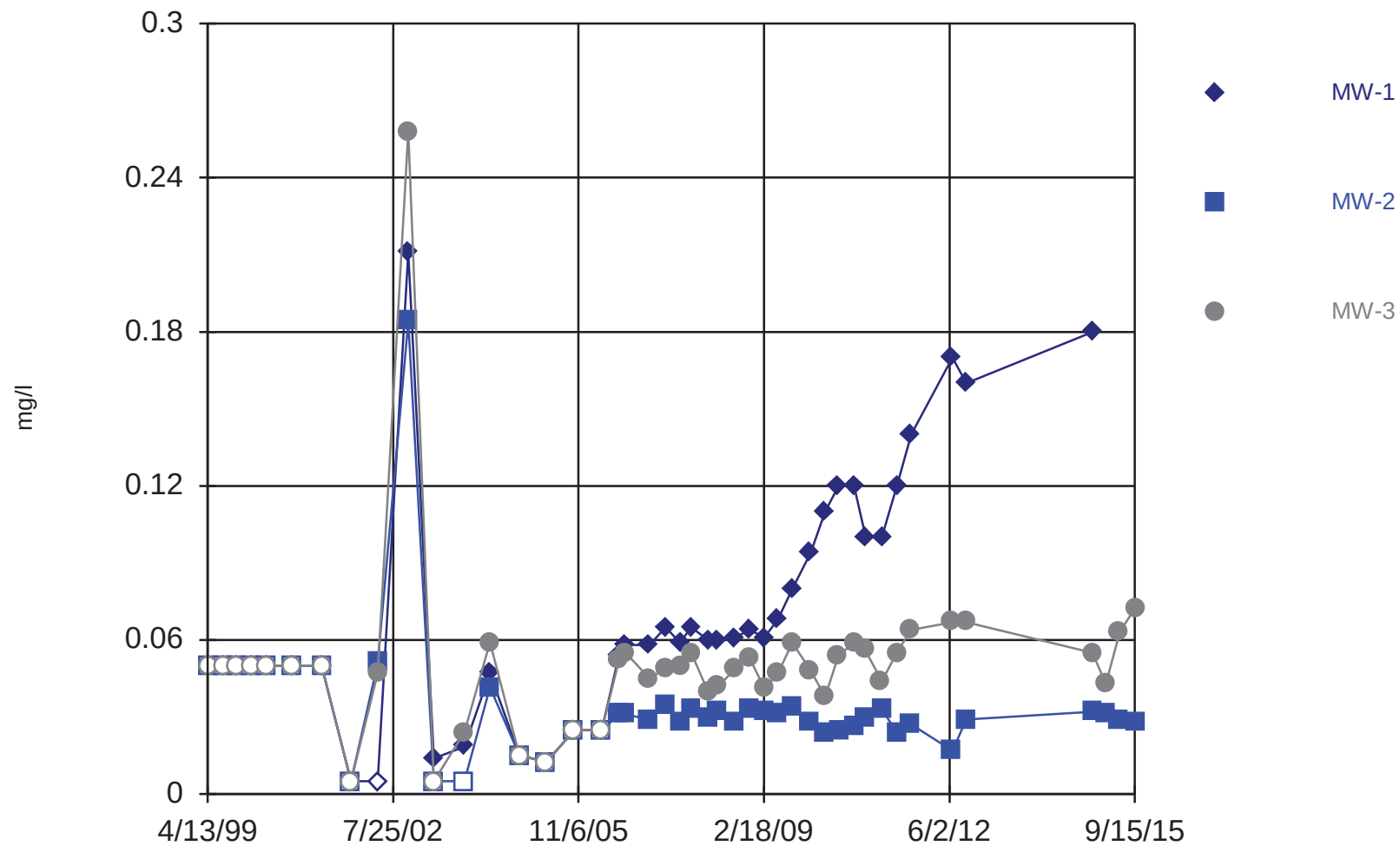
Time Series



Constituent: Arsenic Analysis Run 10/22/2015 3:21 PM

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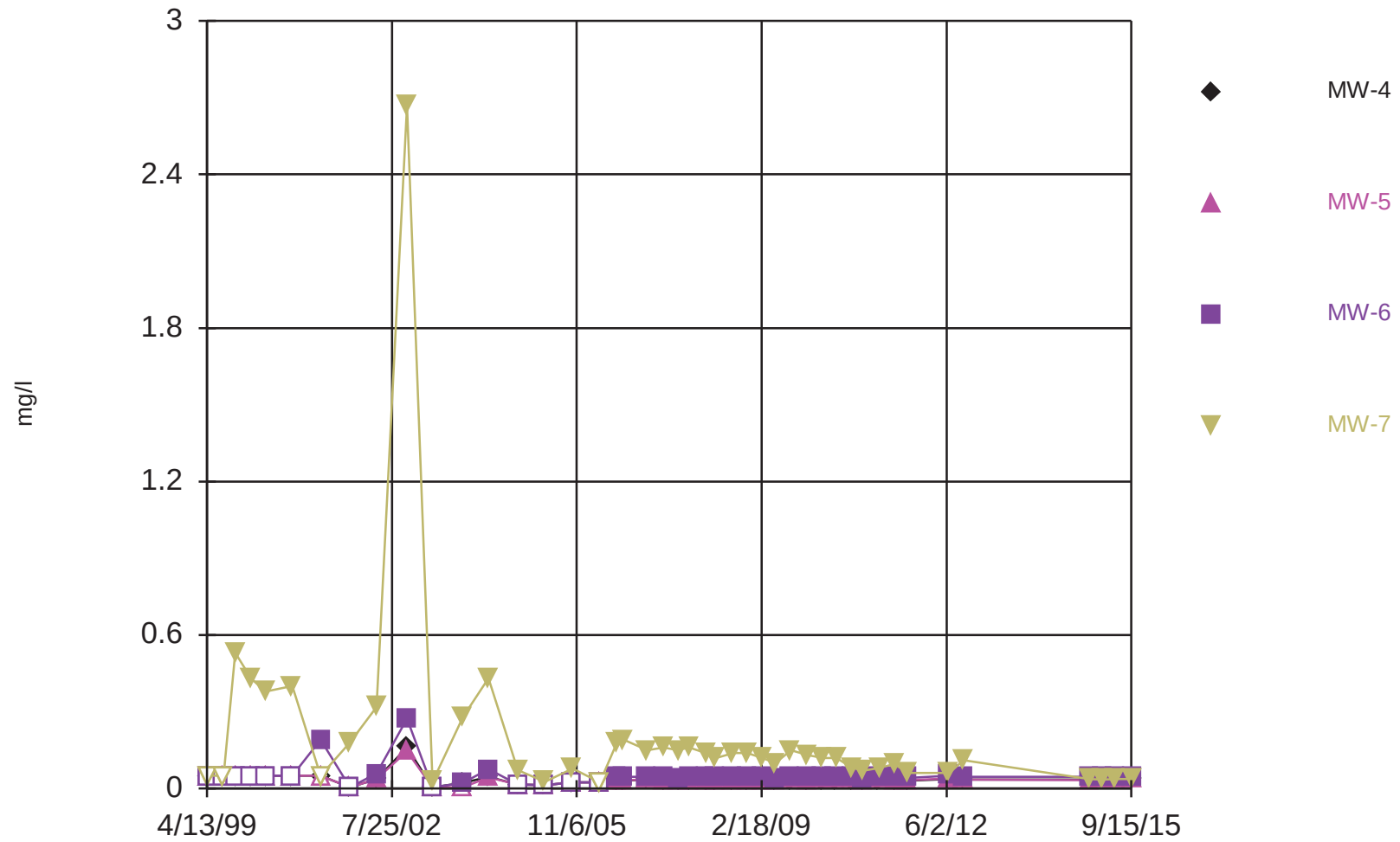
Time Series



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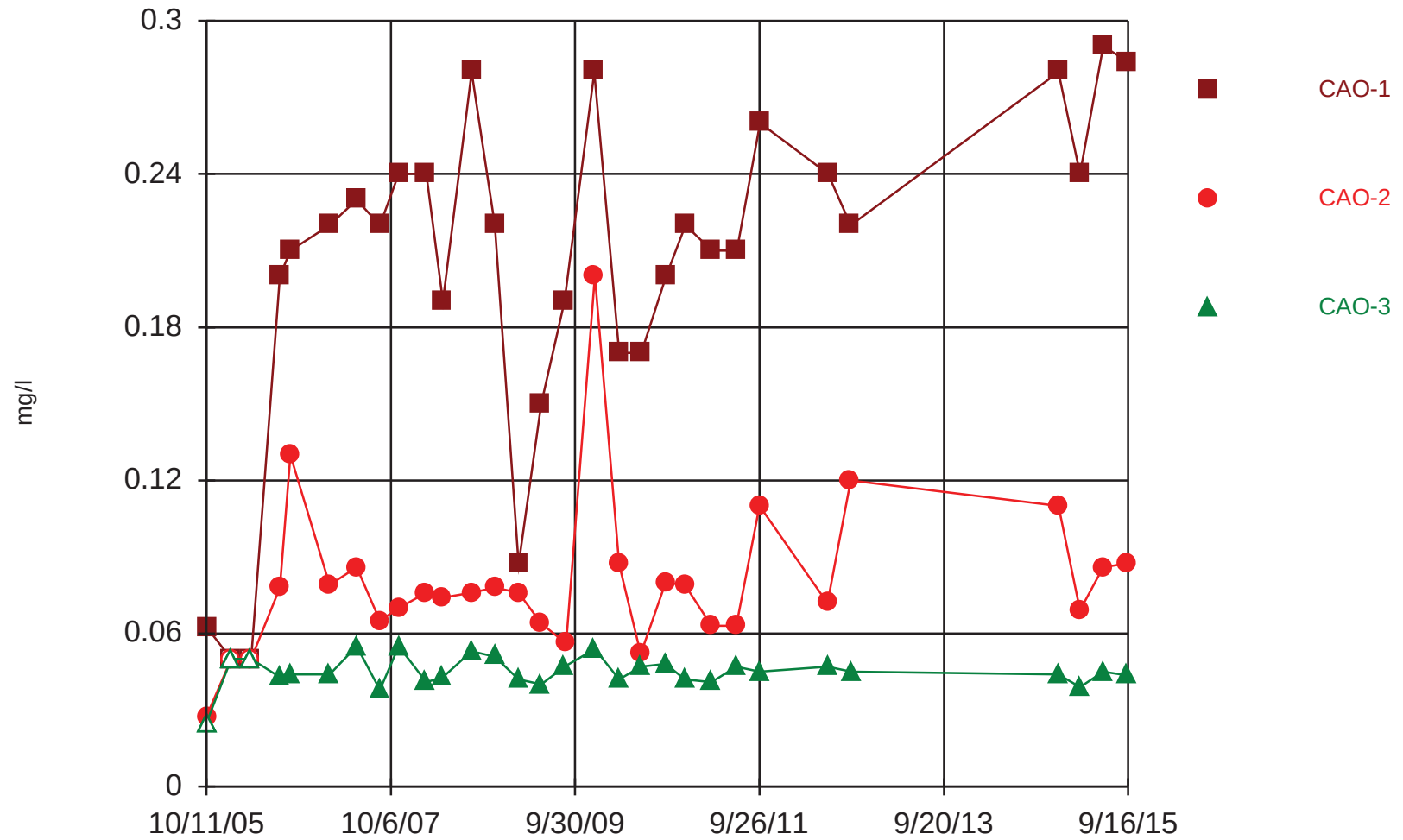
Time Series



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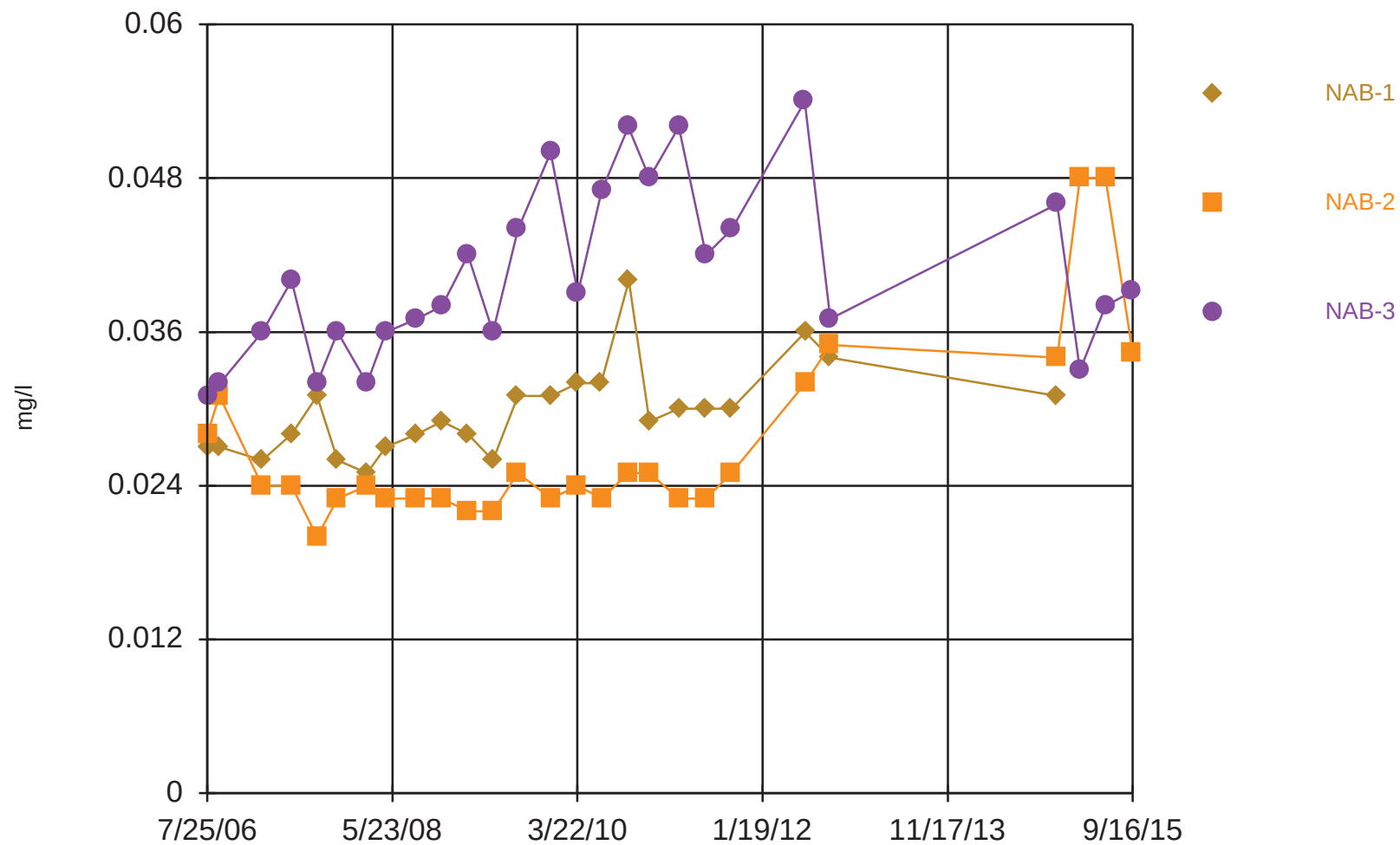
Time Series



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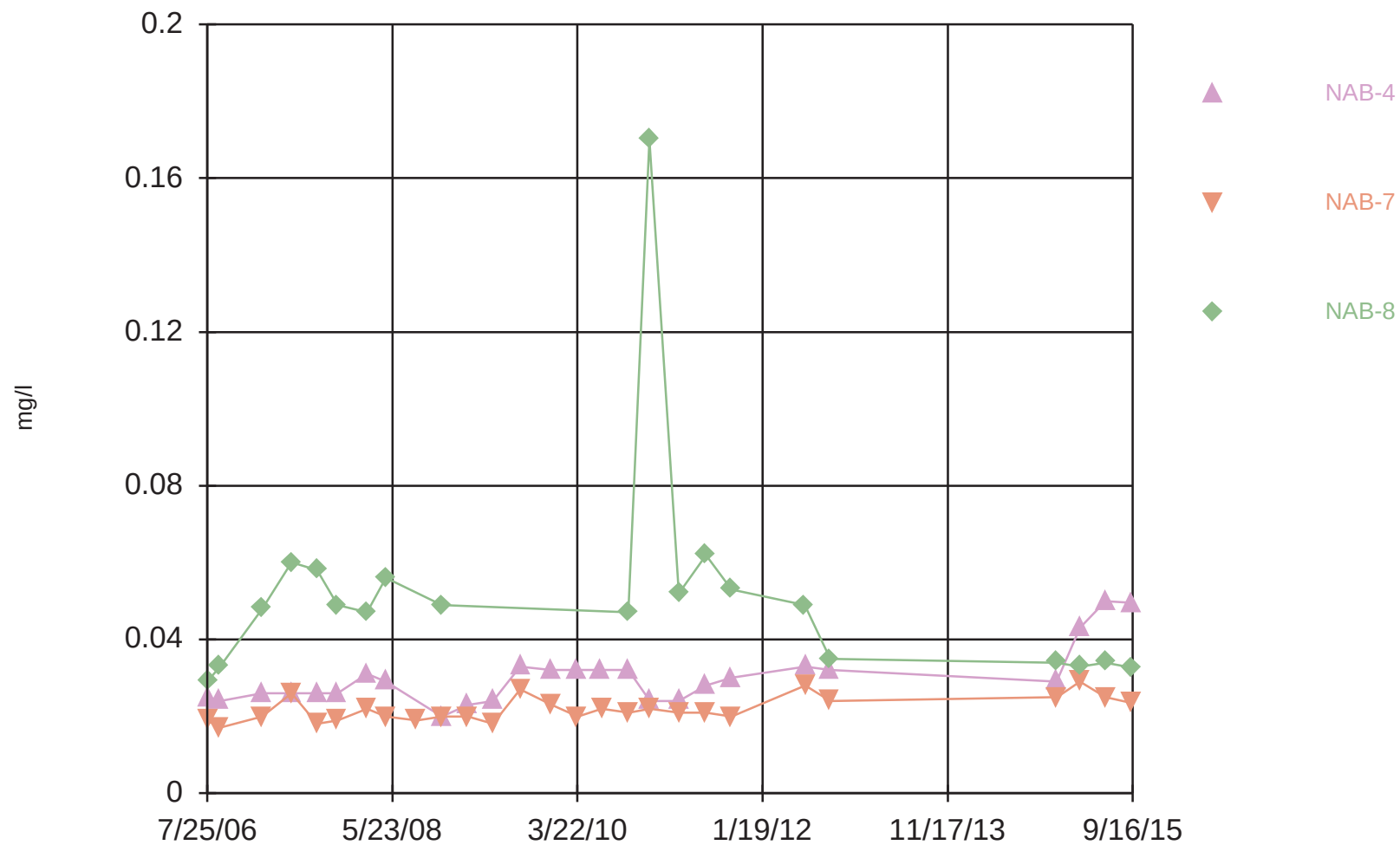
Time Series



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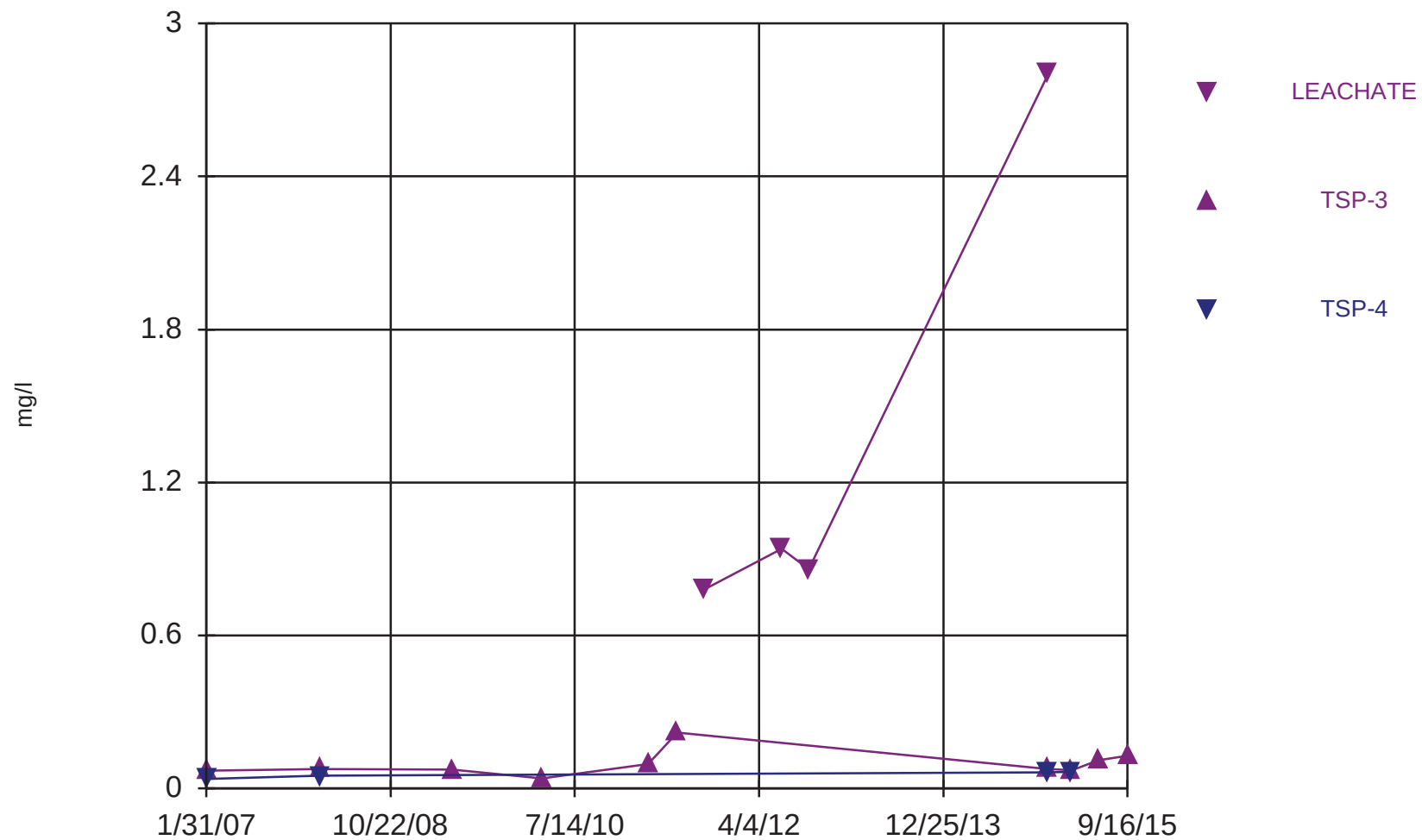
Time Series



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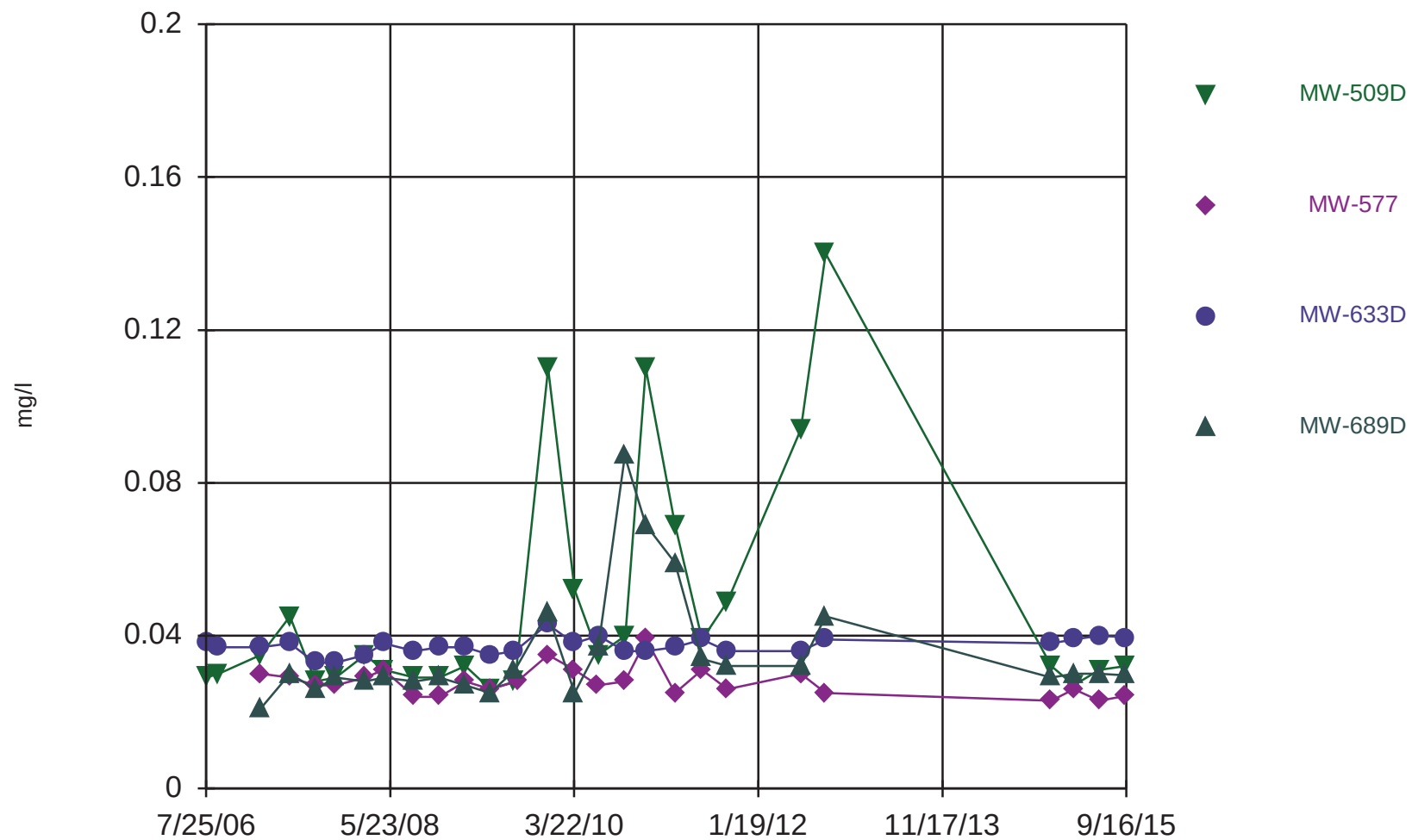
Time Series



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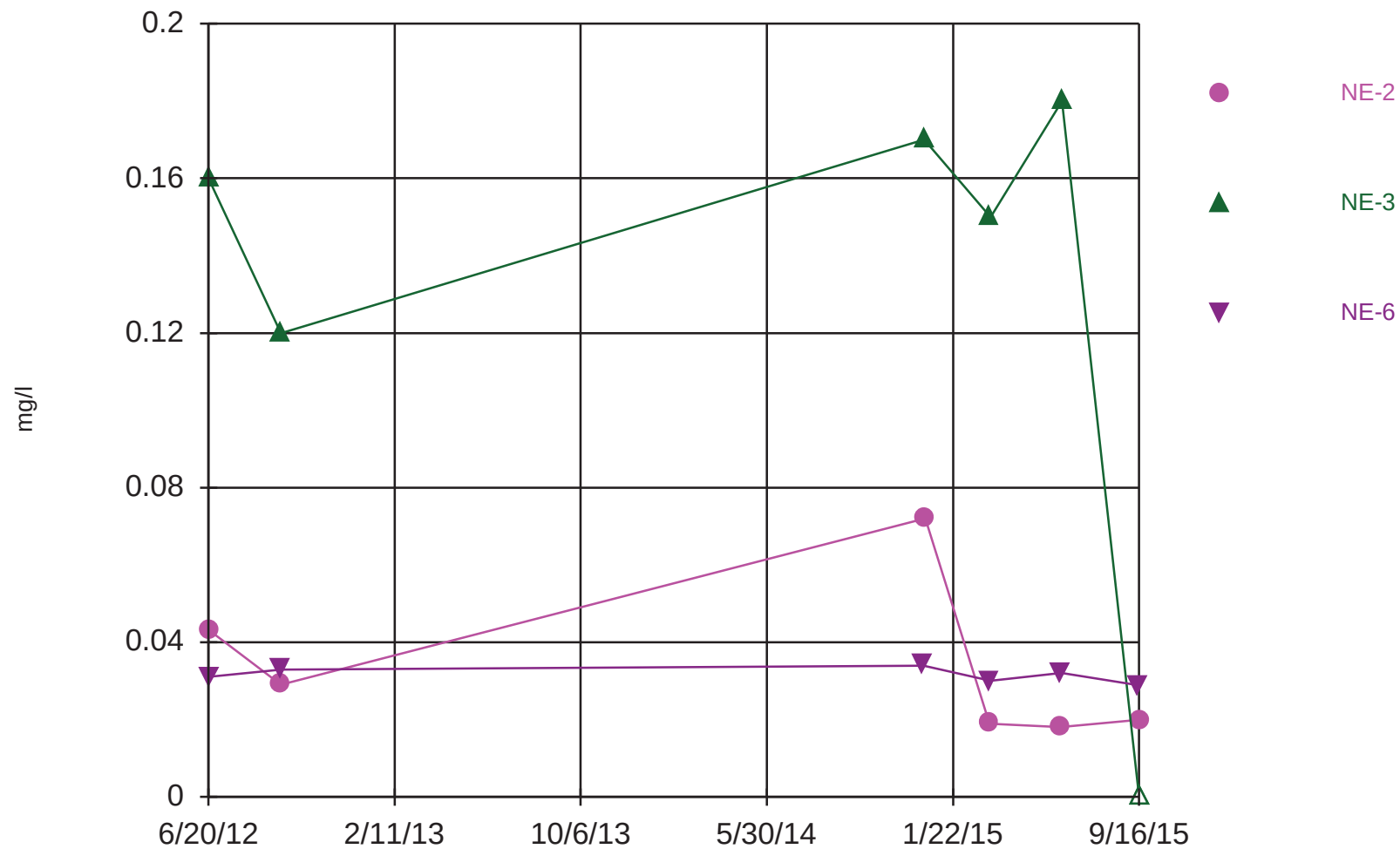
Time Series



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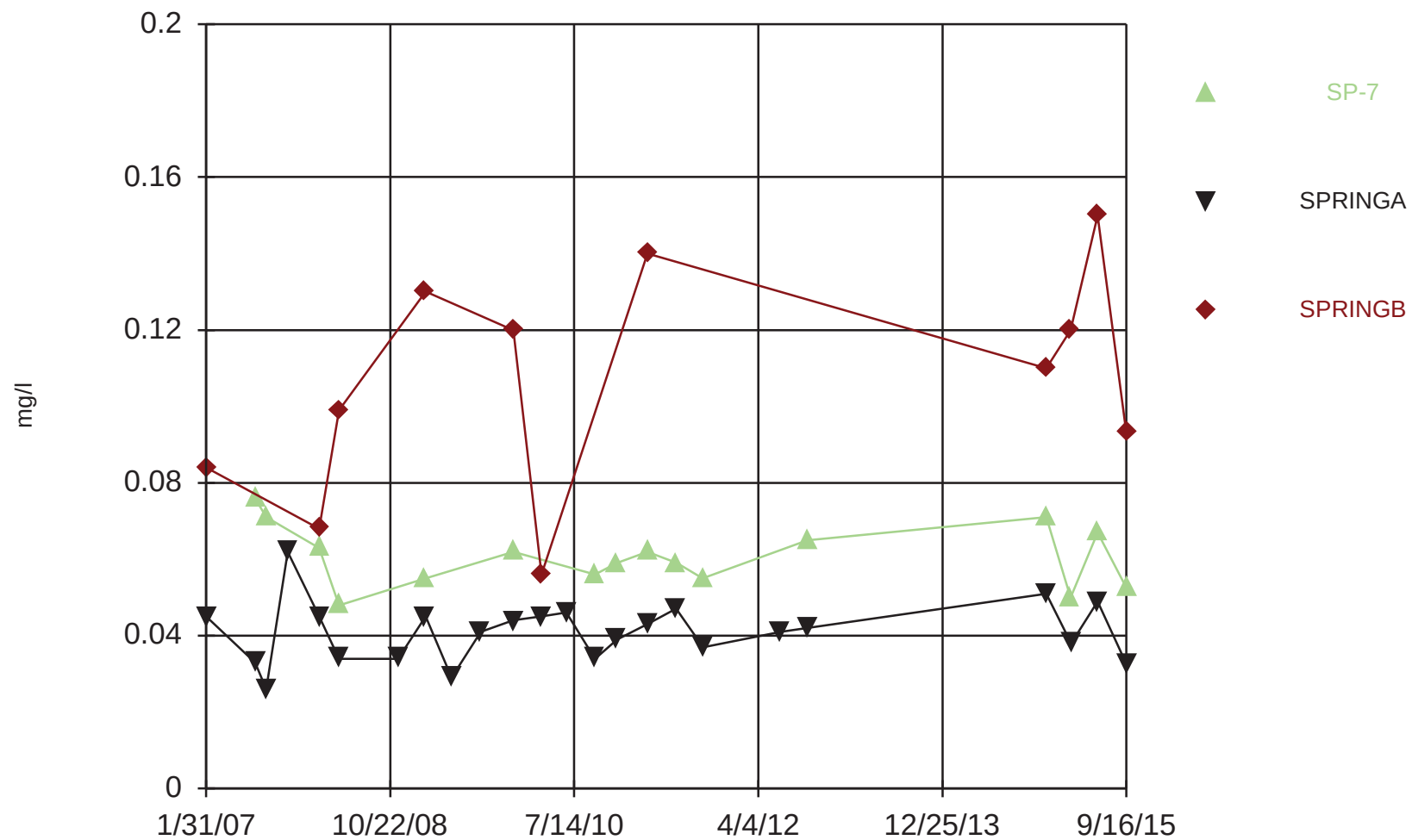
Time Series



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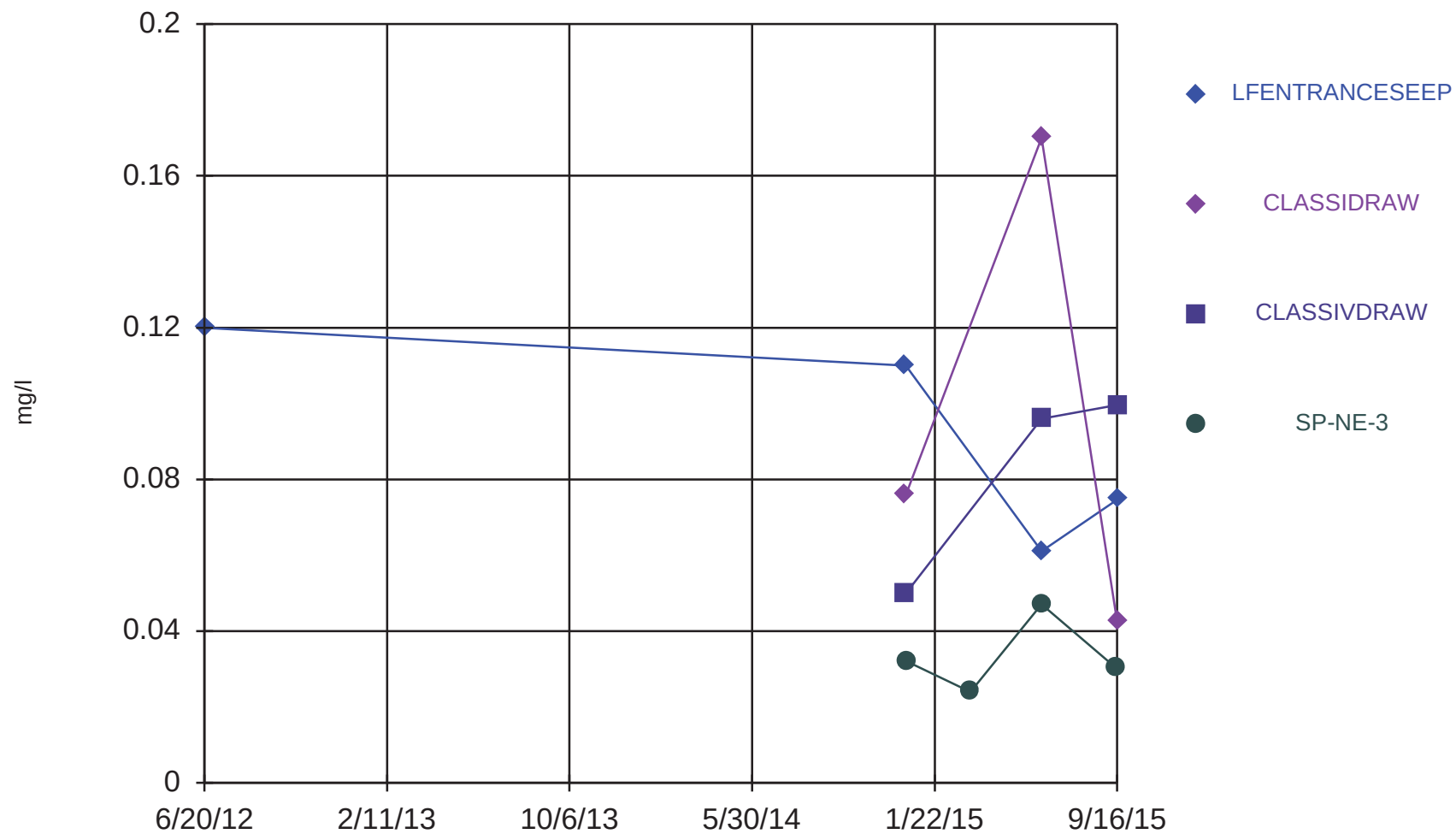
Time Series



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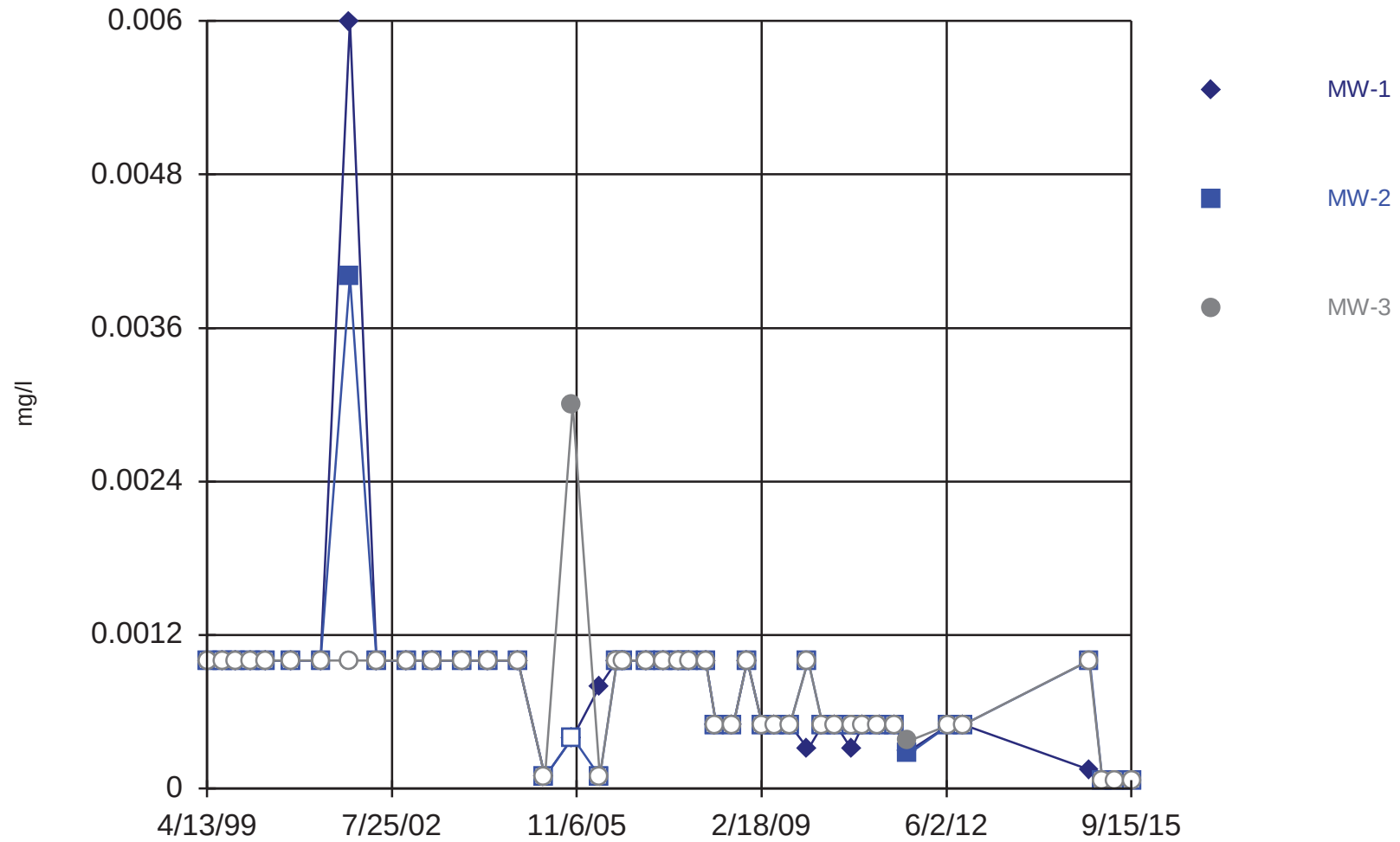
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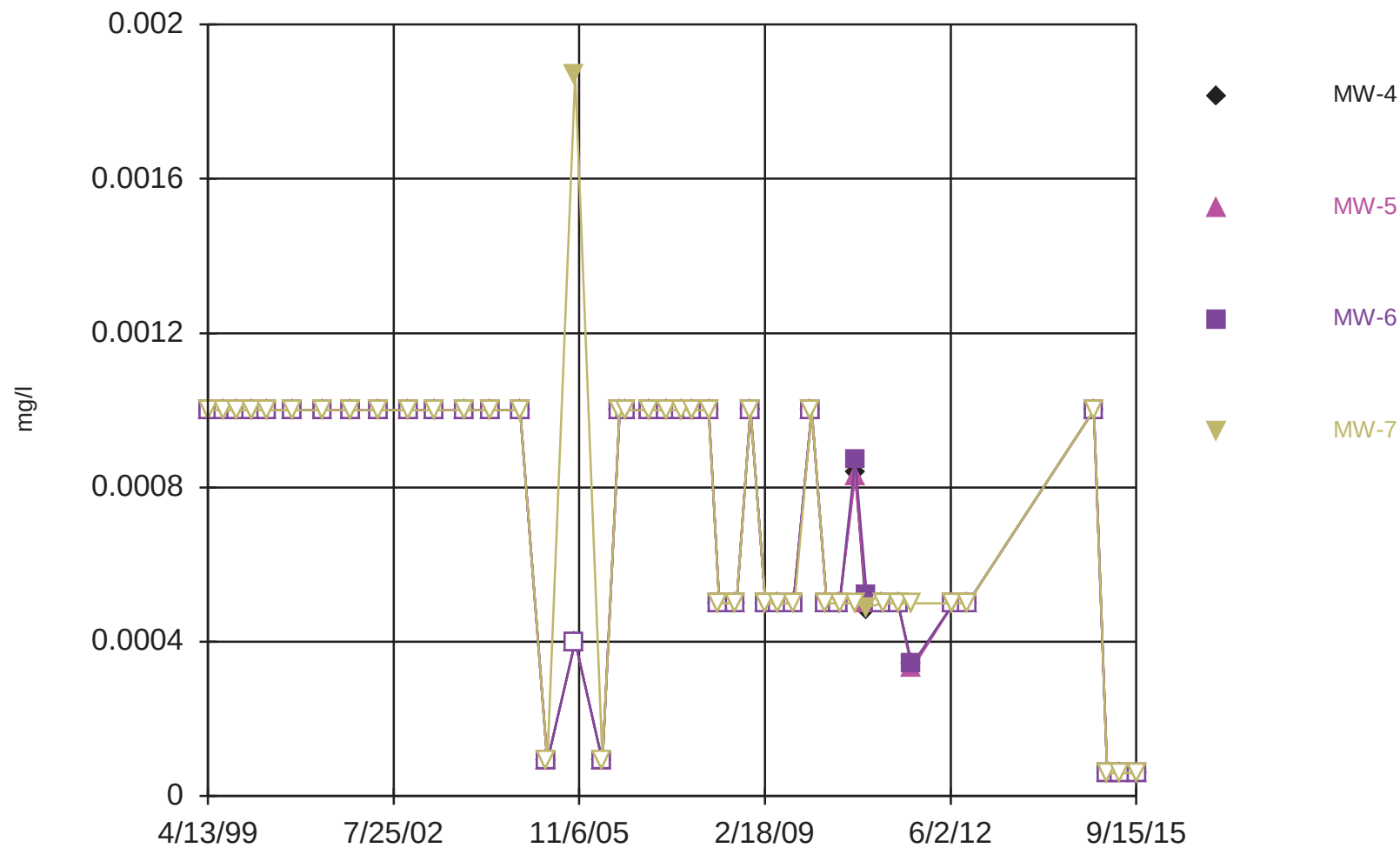
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Time Series



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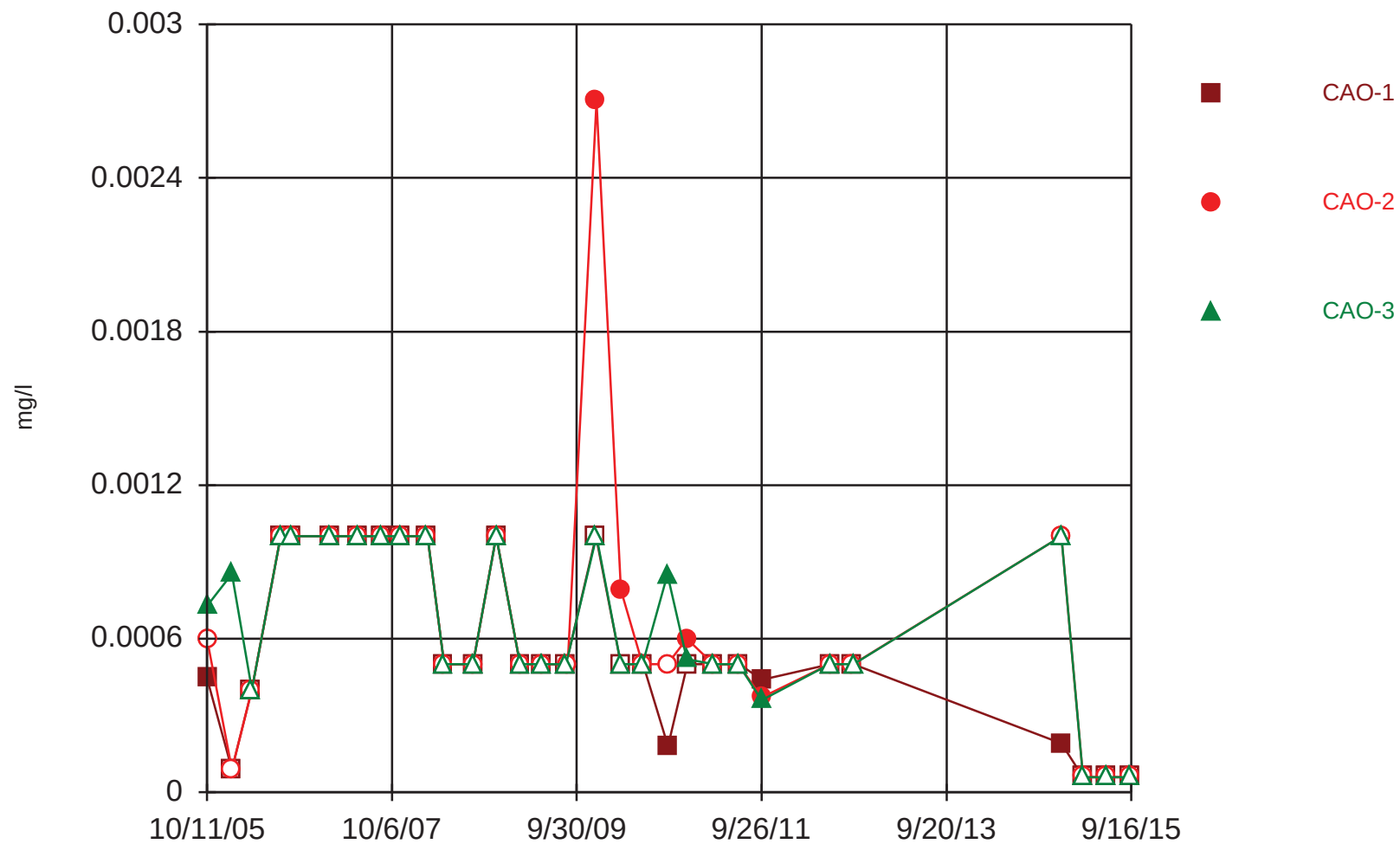
Time Series



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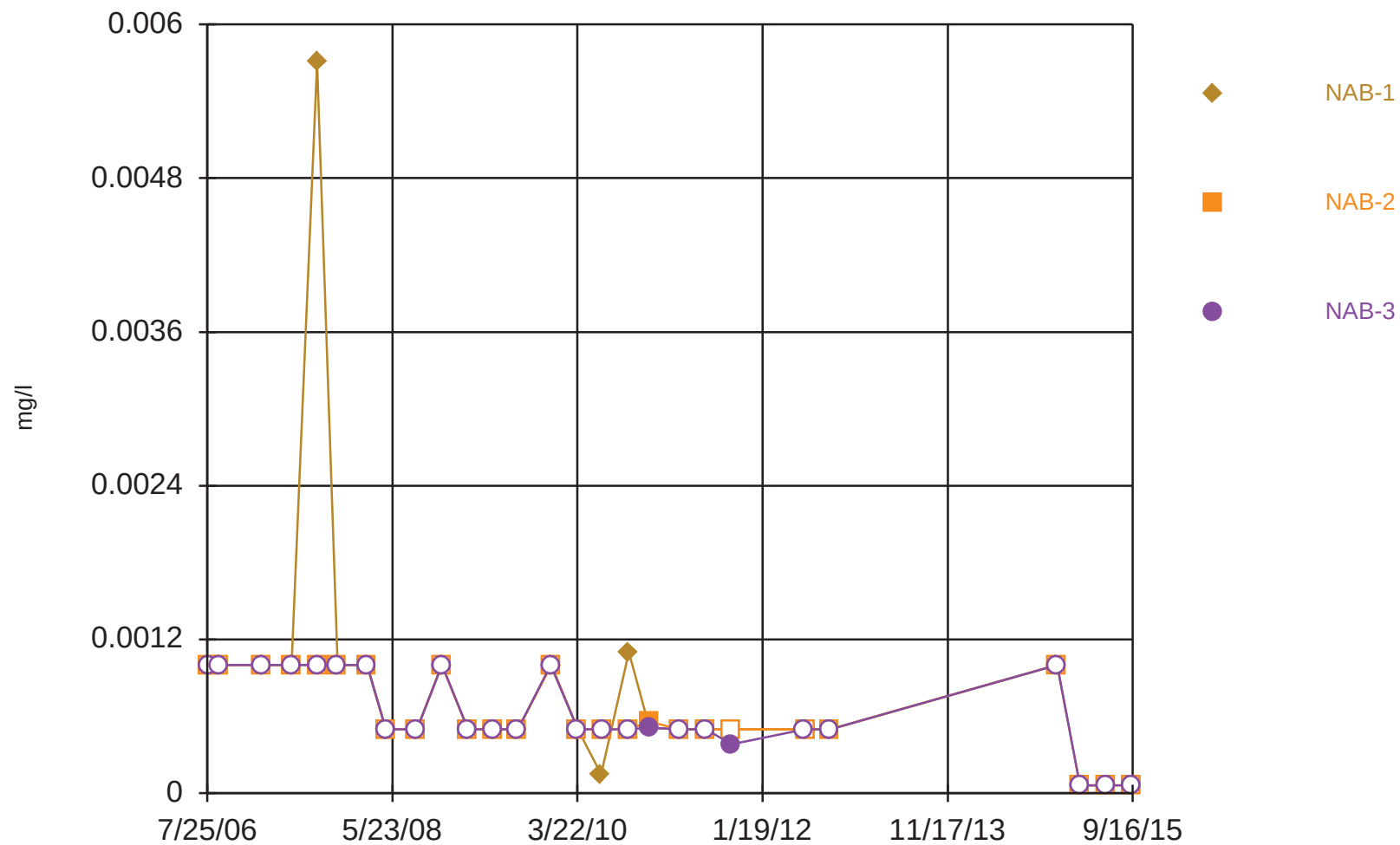
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Time Series



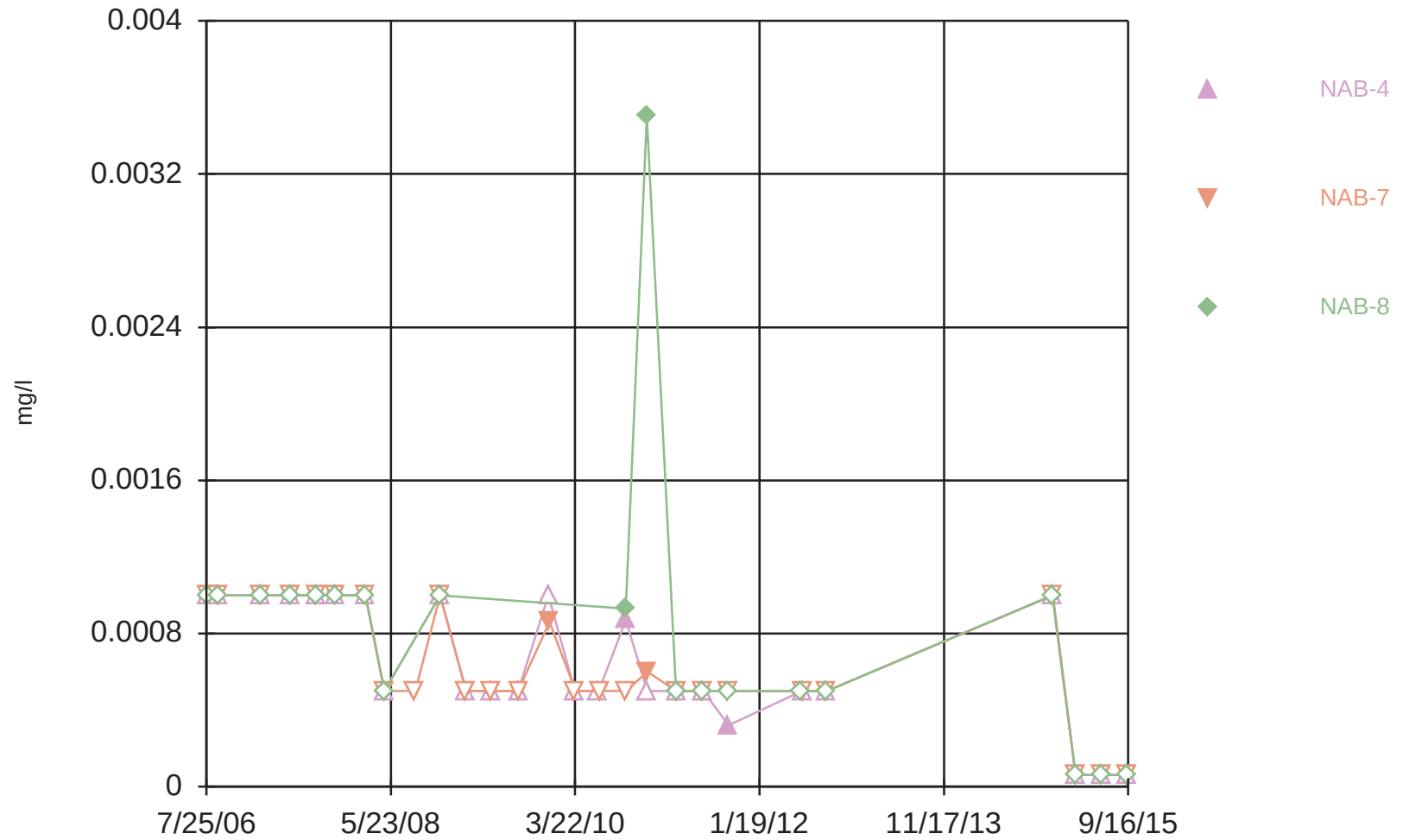
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Time Series



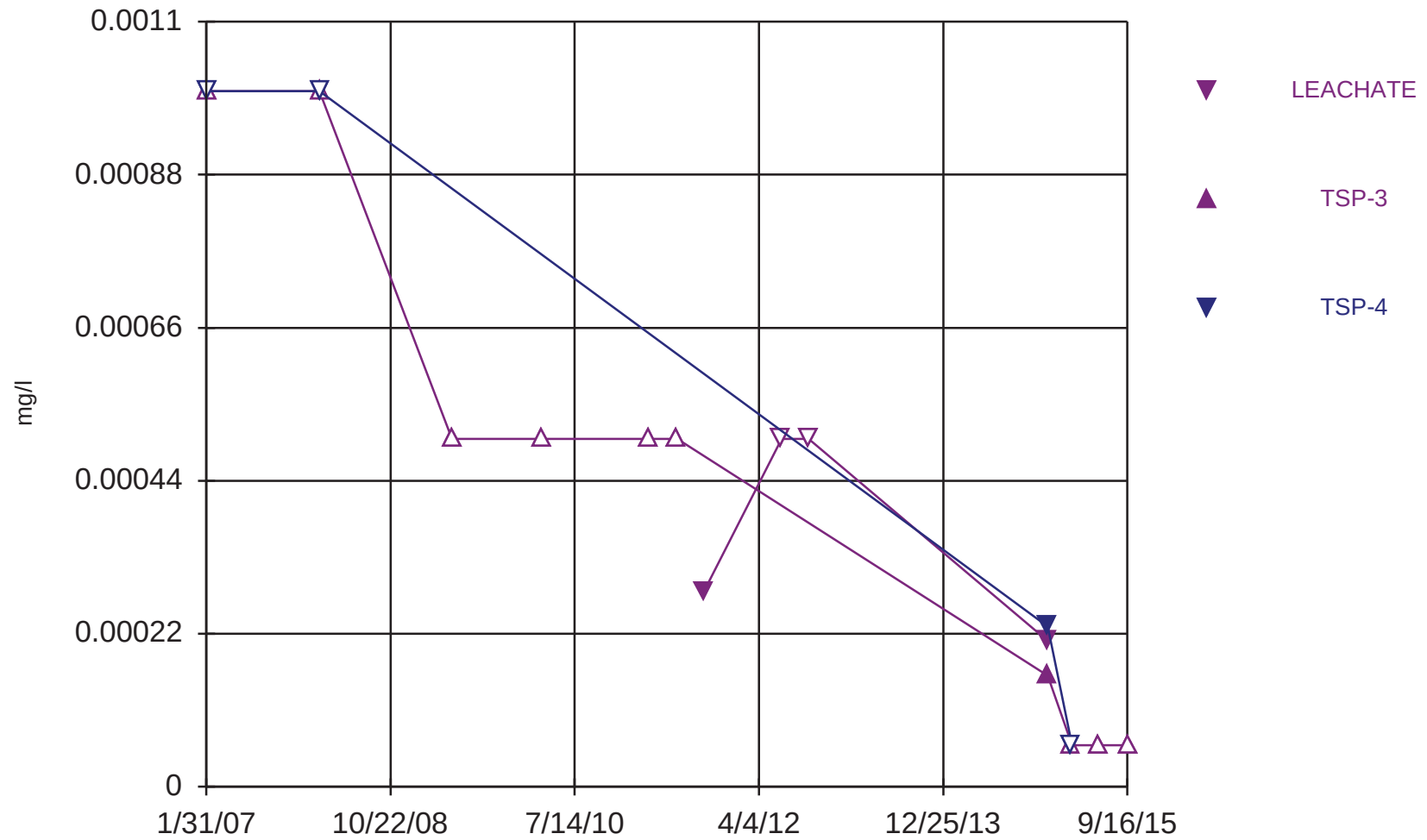
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Time Series



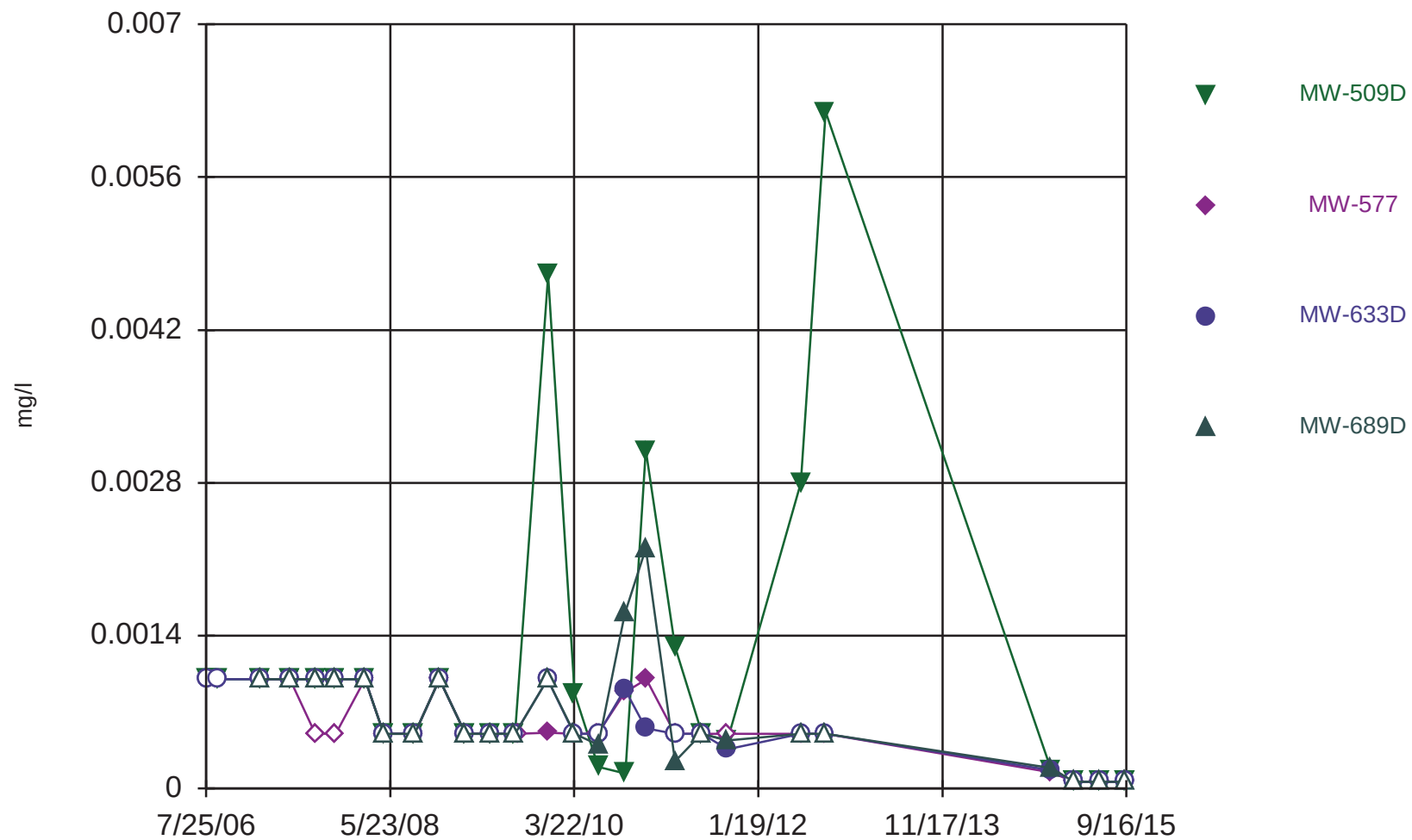
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



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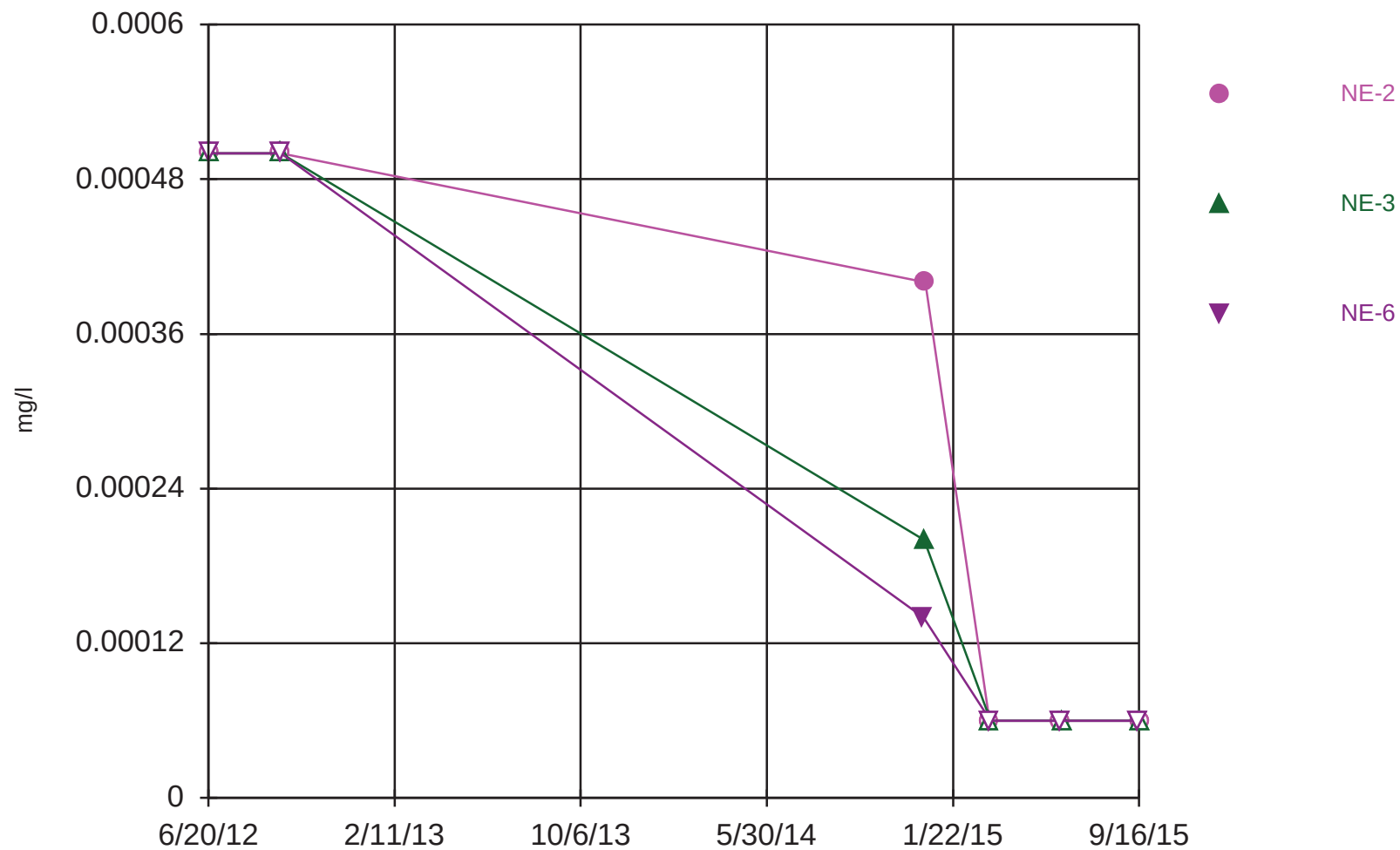
Time Series



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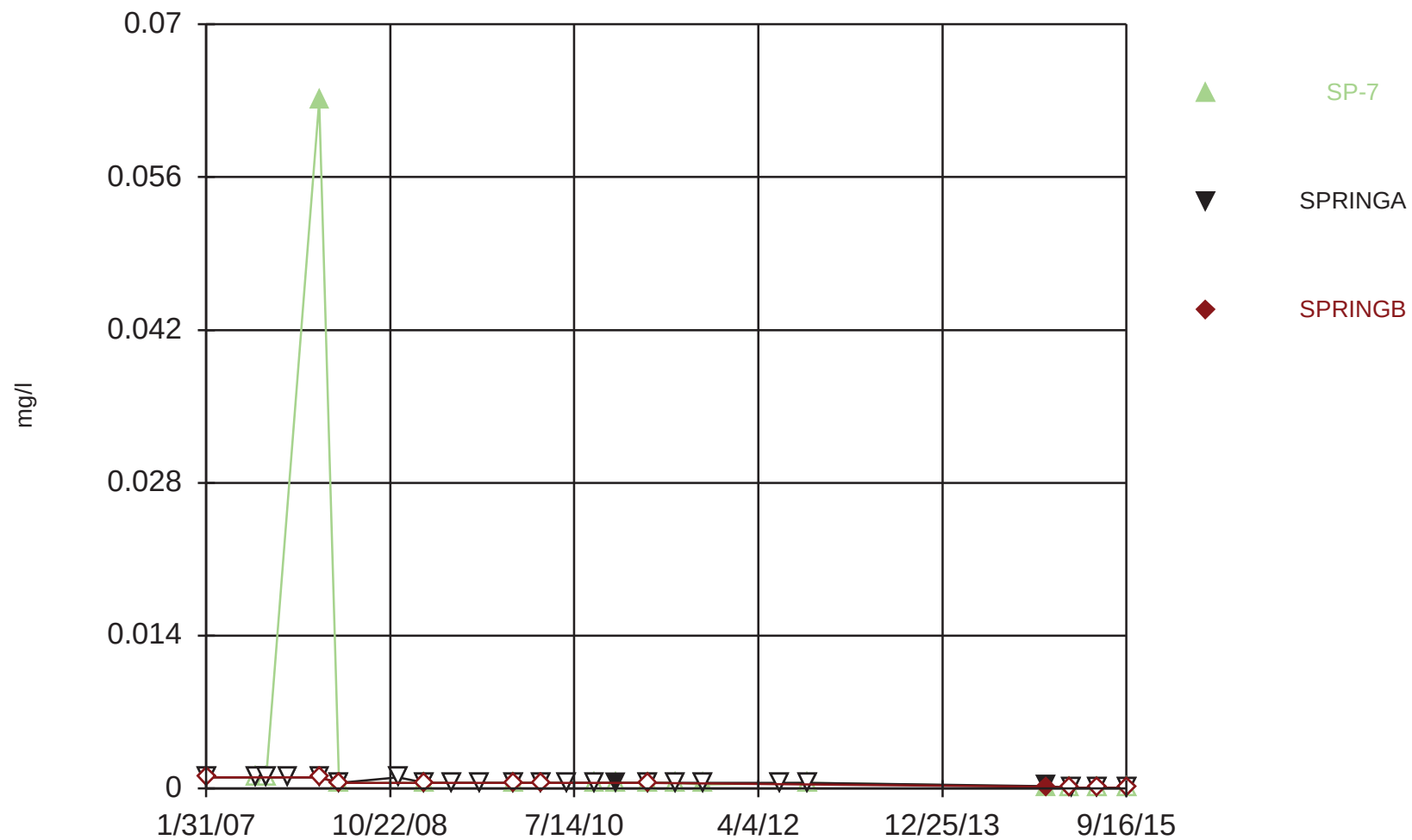
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Time Series



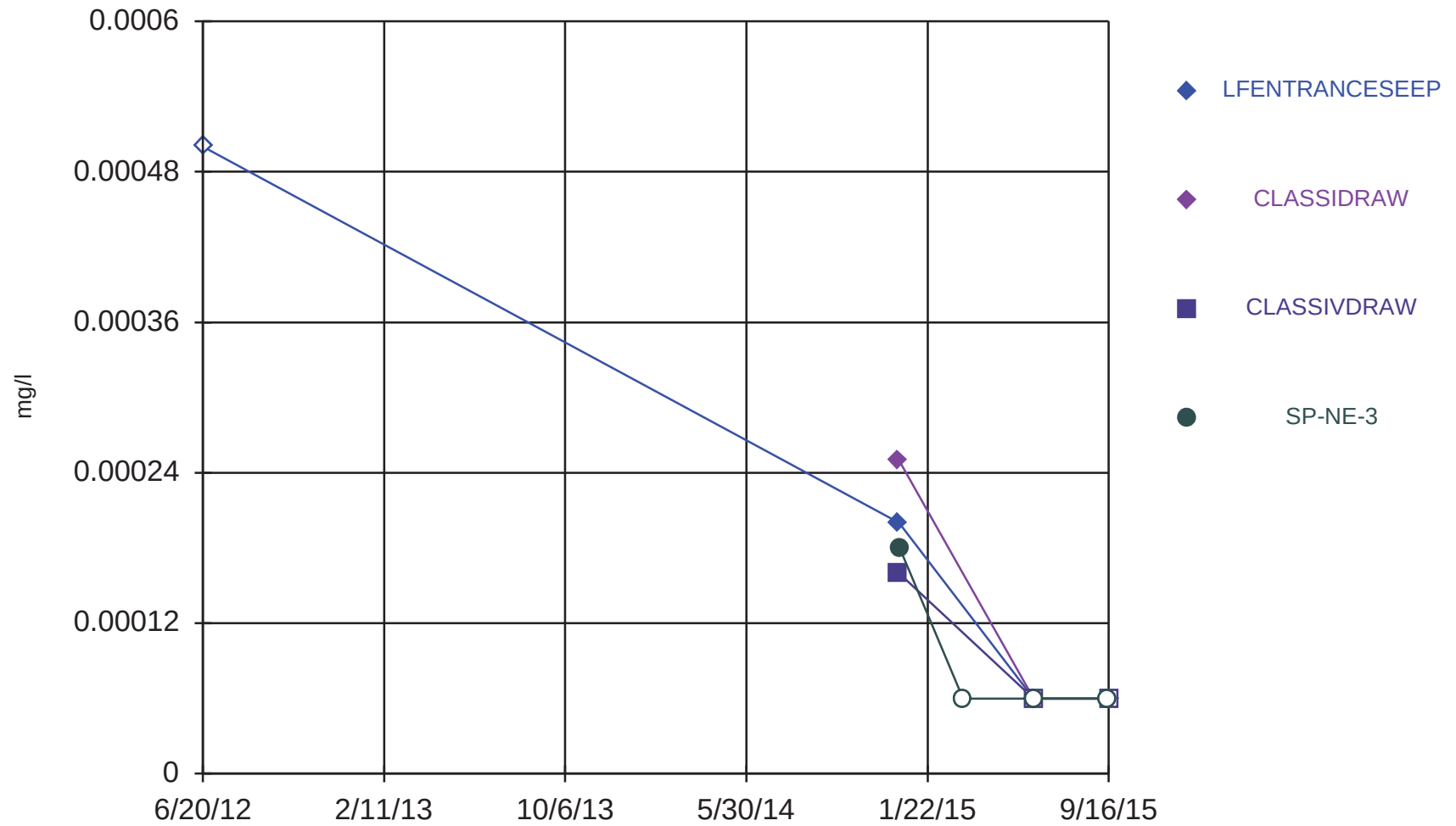
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Beryllium Analysis Run 10/22/2015 3:47 PM
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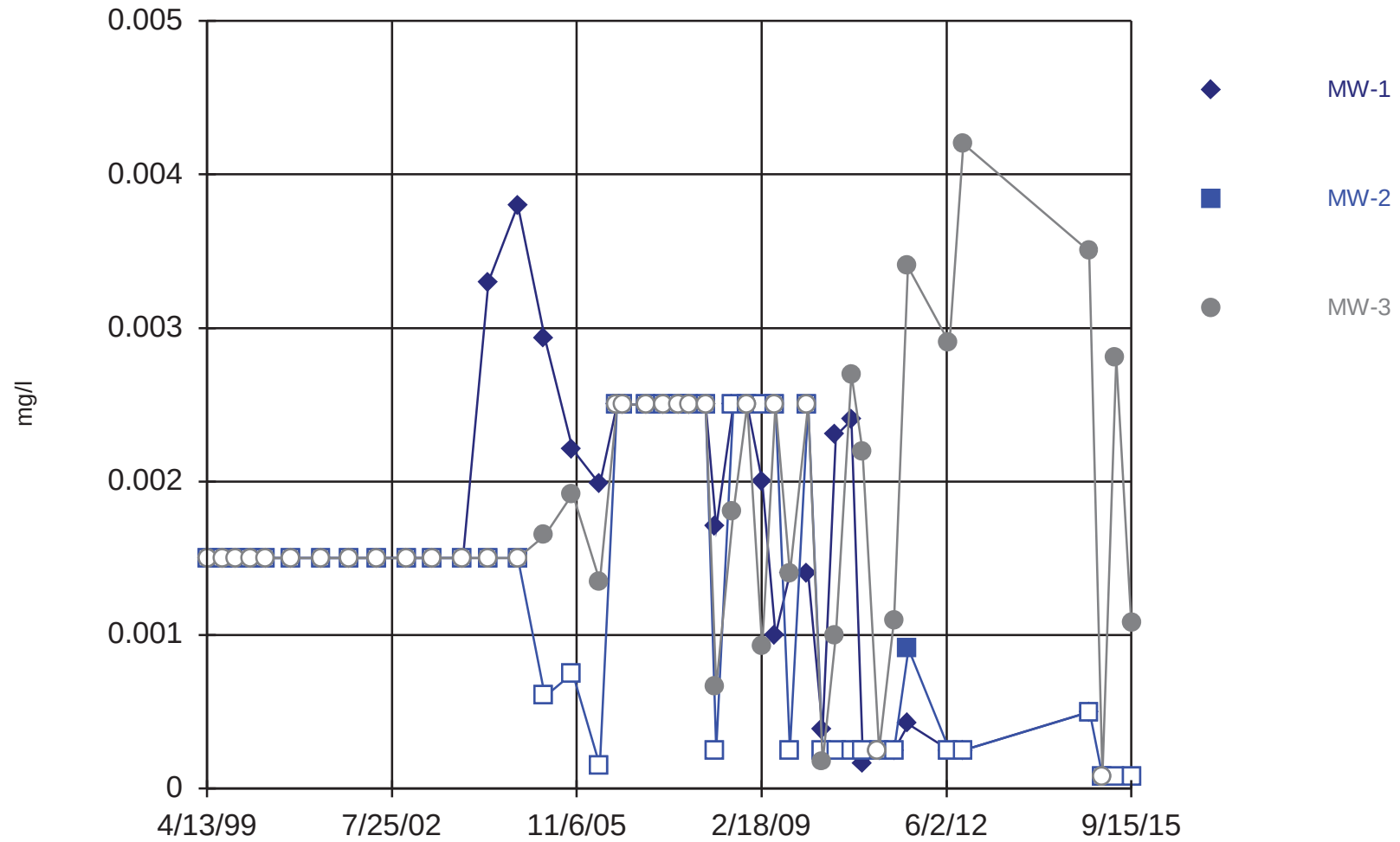
Time Series



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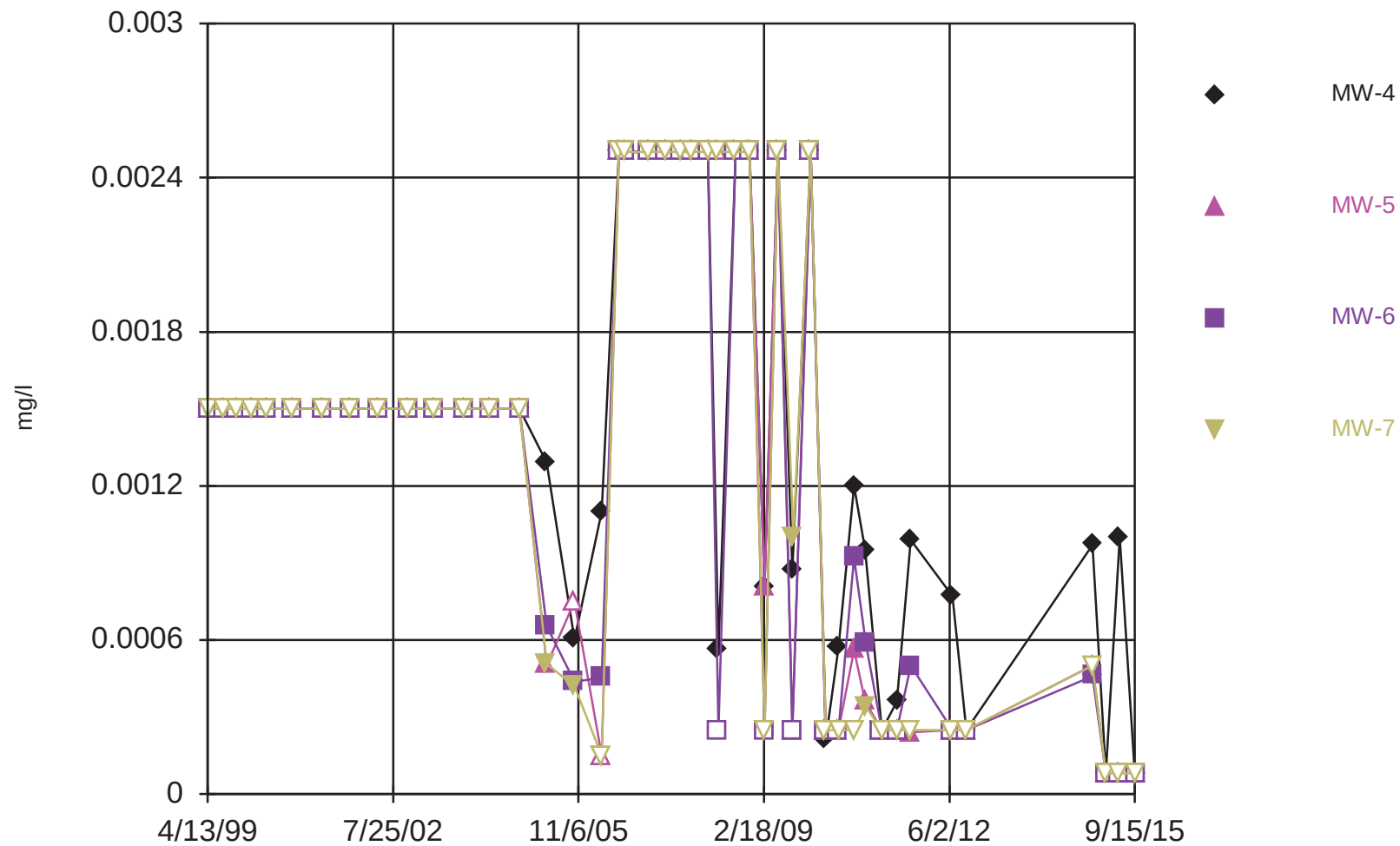
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Time Series



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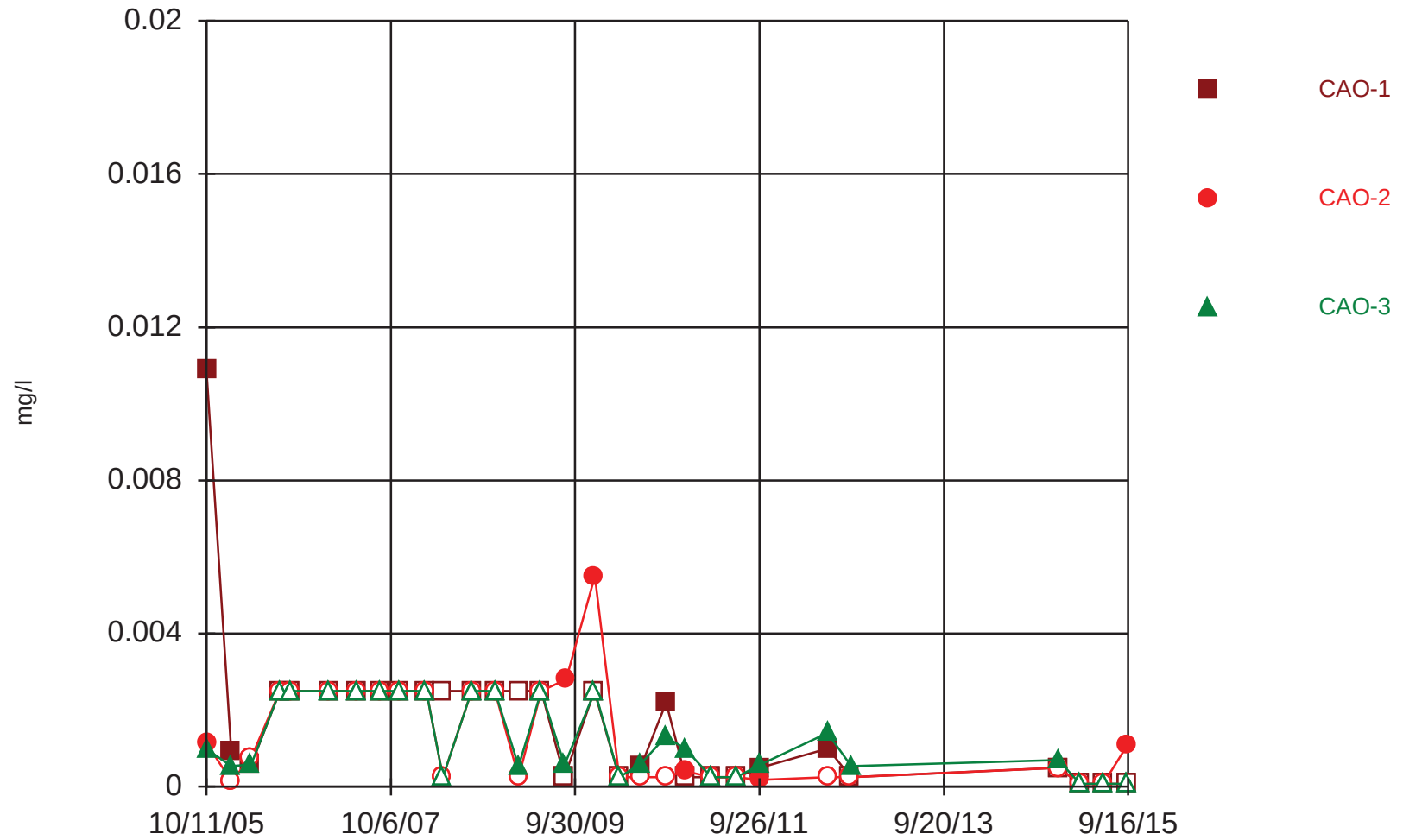
Time Series



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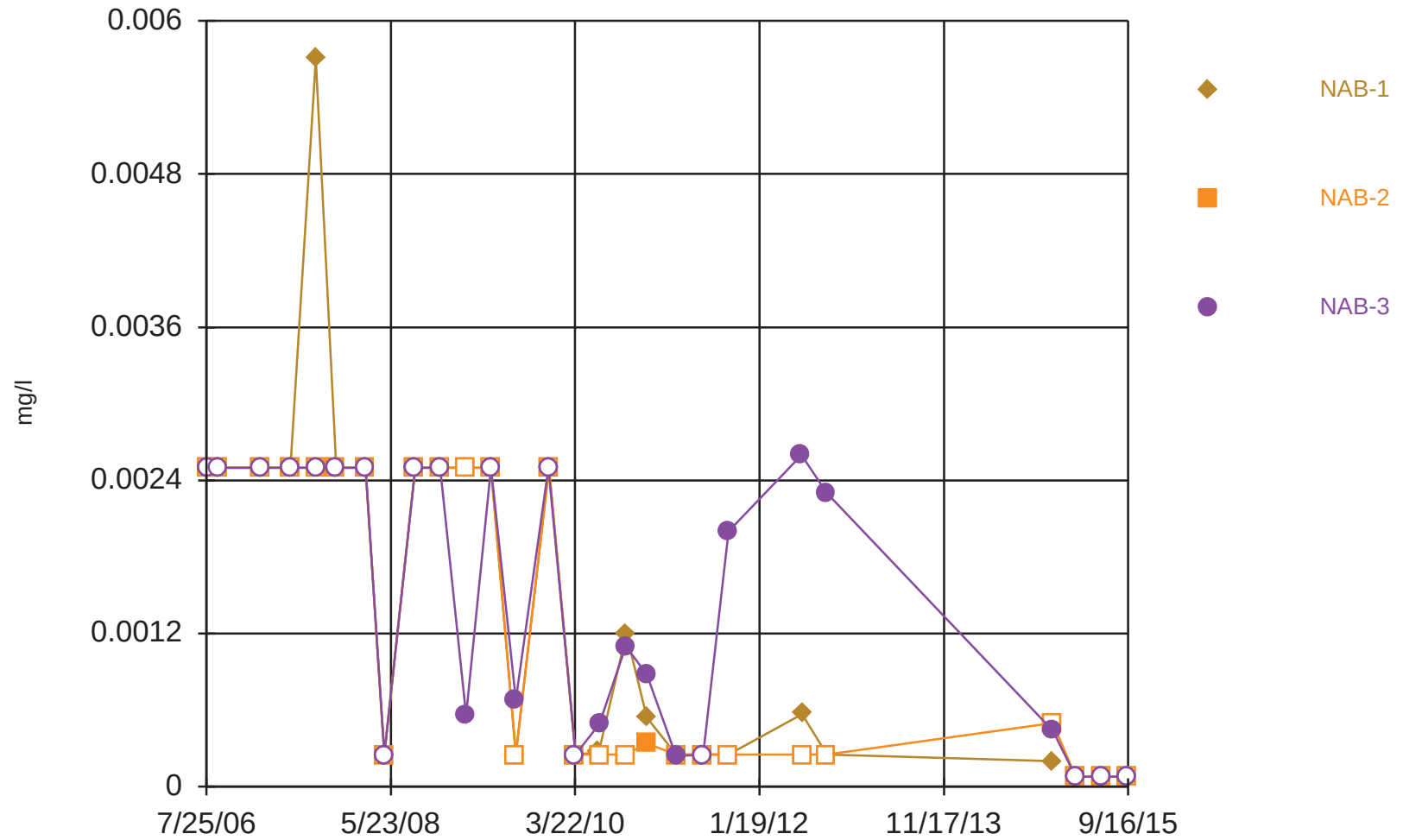
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Time Series



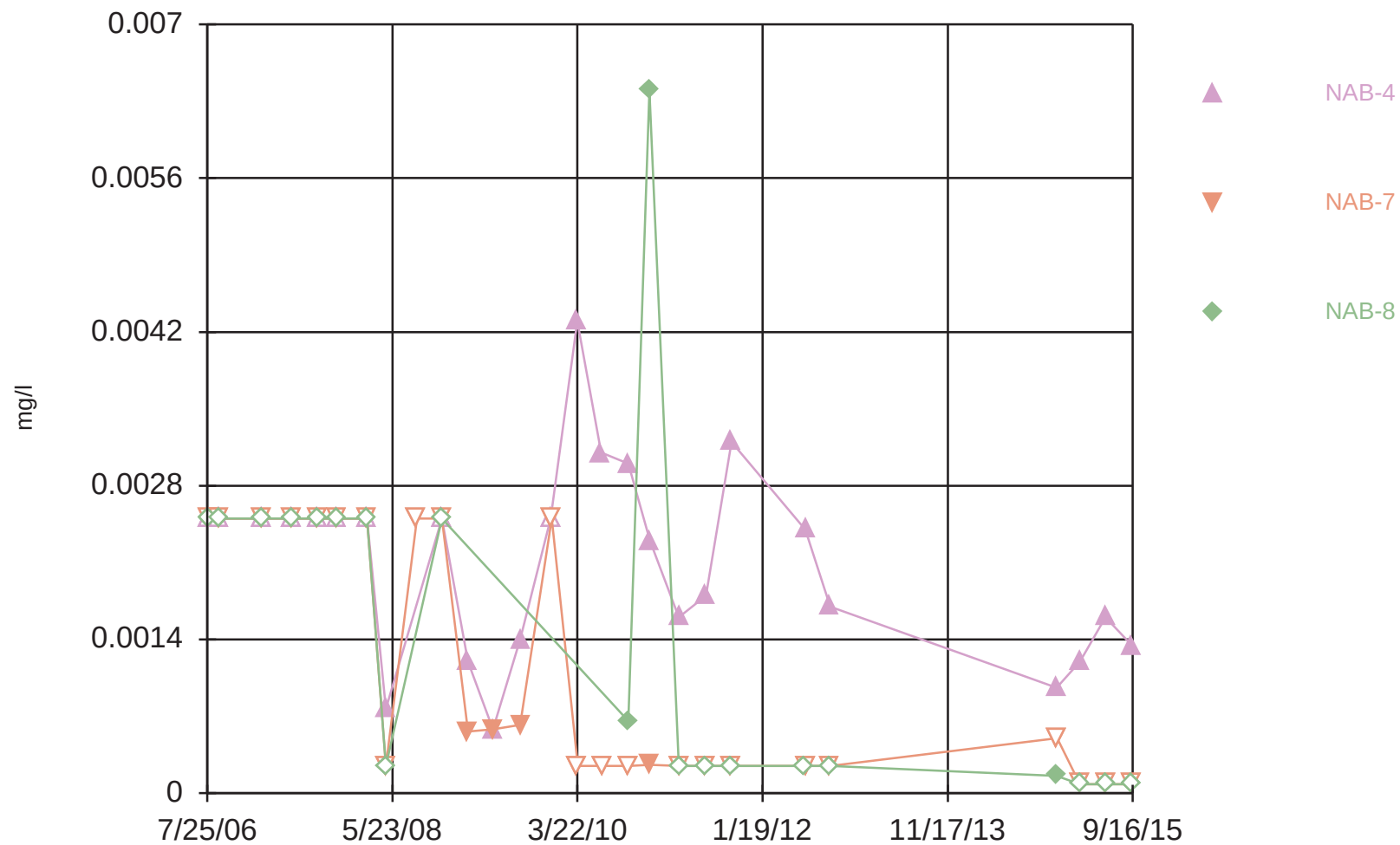
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Time Series



Constituent: Cadmium Analysis Run 10/22/2015 3:59 PM
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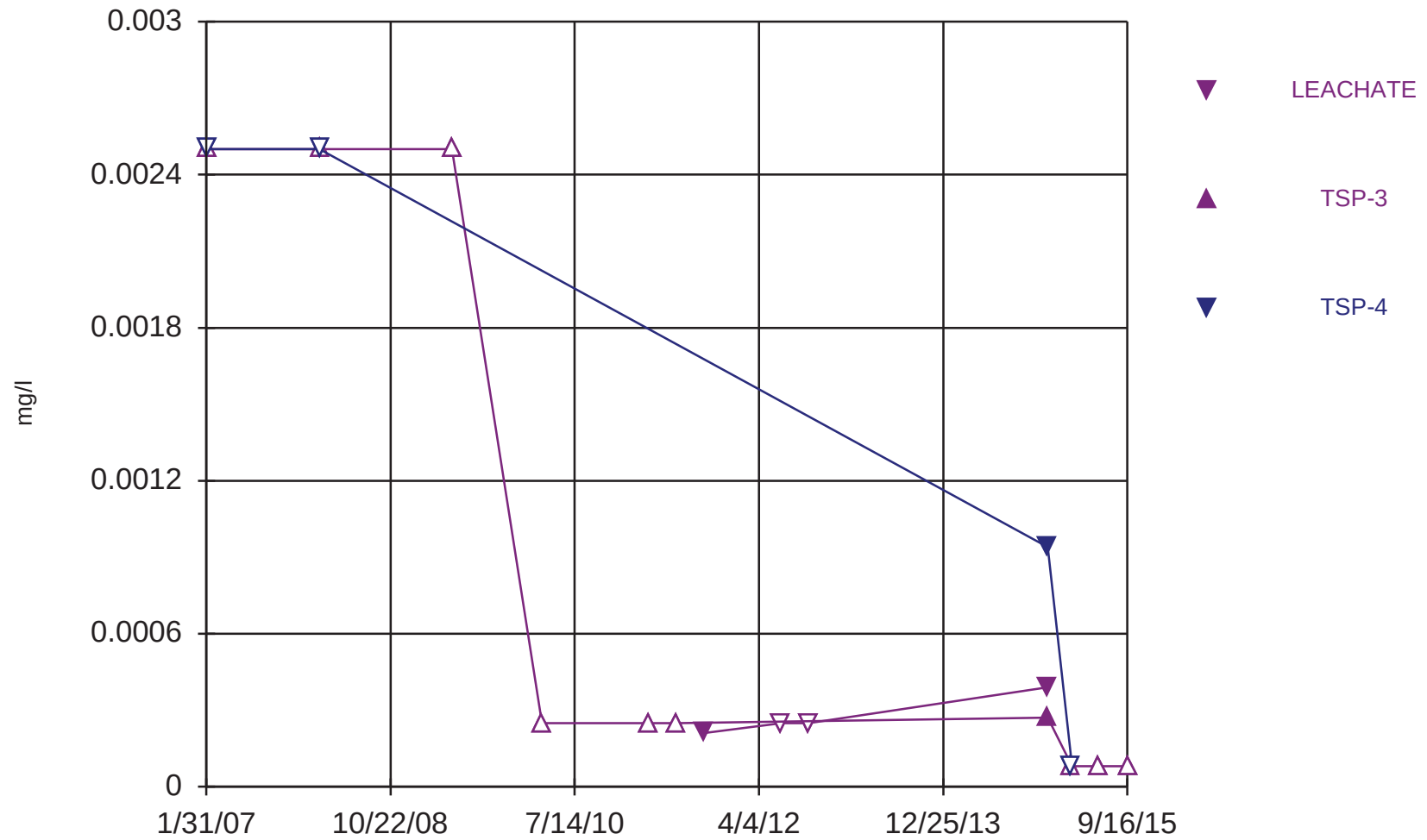
Time Series



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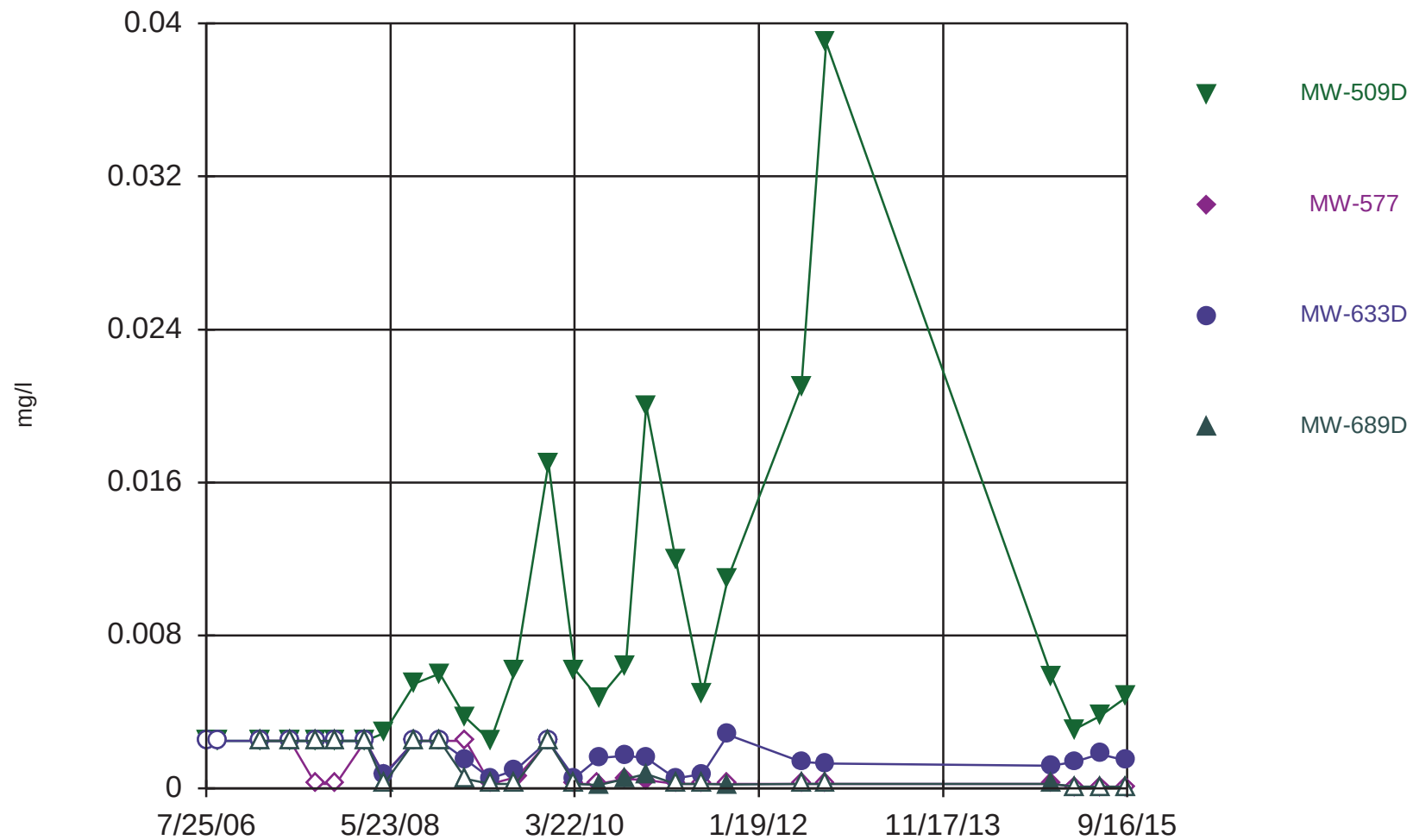
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Time Series



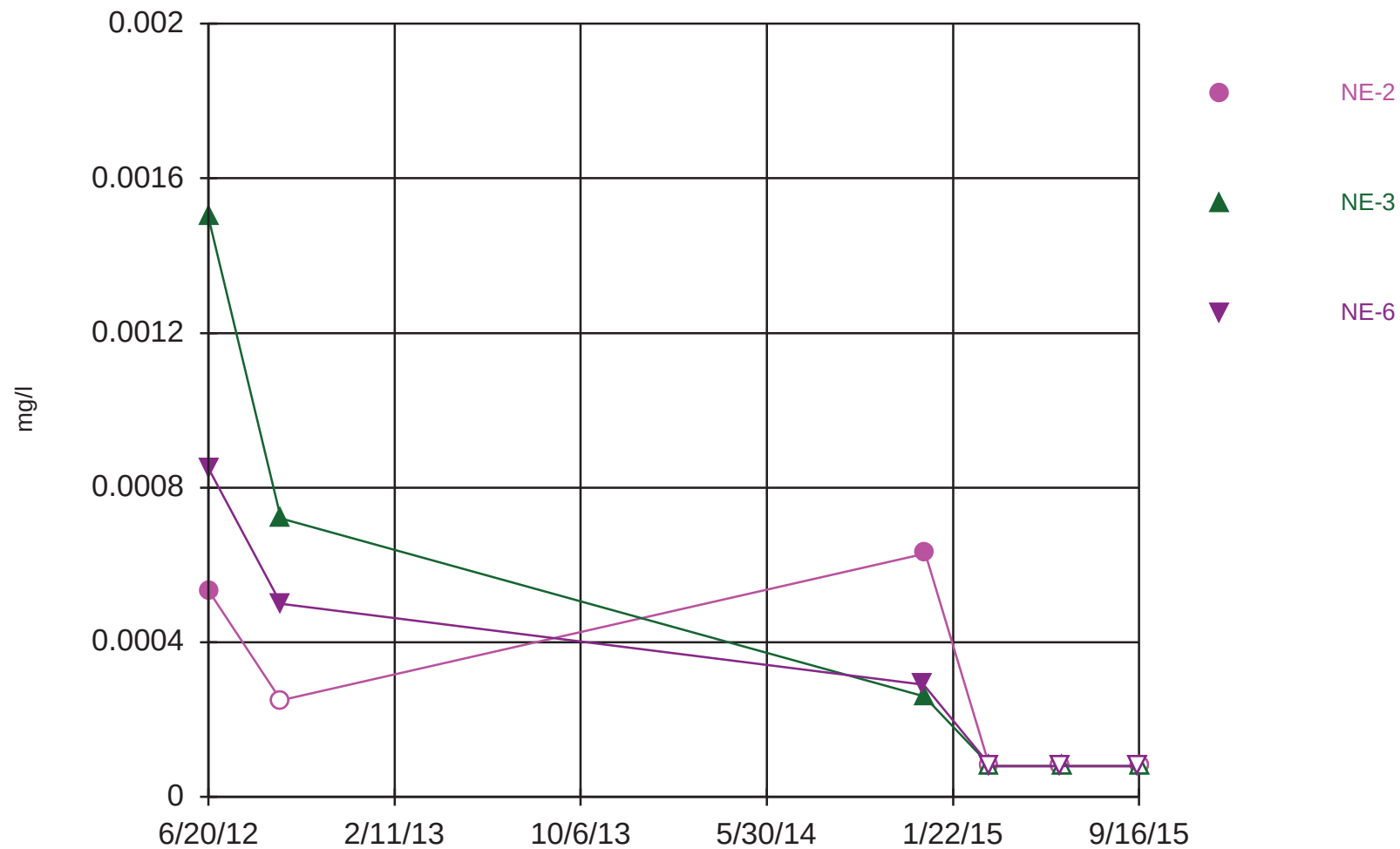
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Cadmium Analysis Run 10/22/2015 4:01 PM
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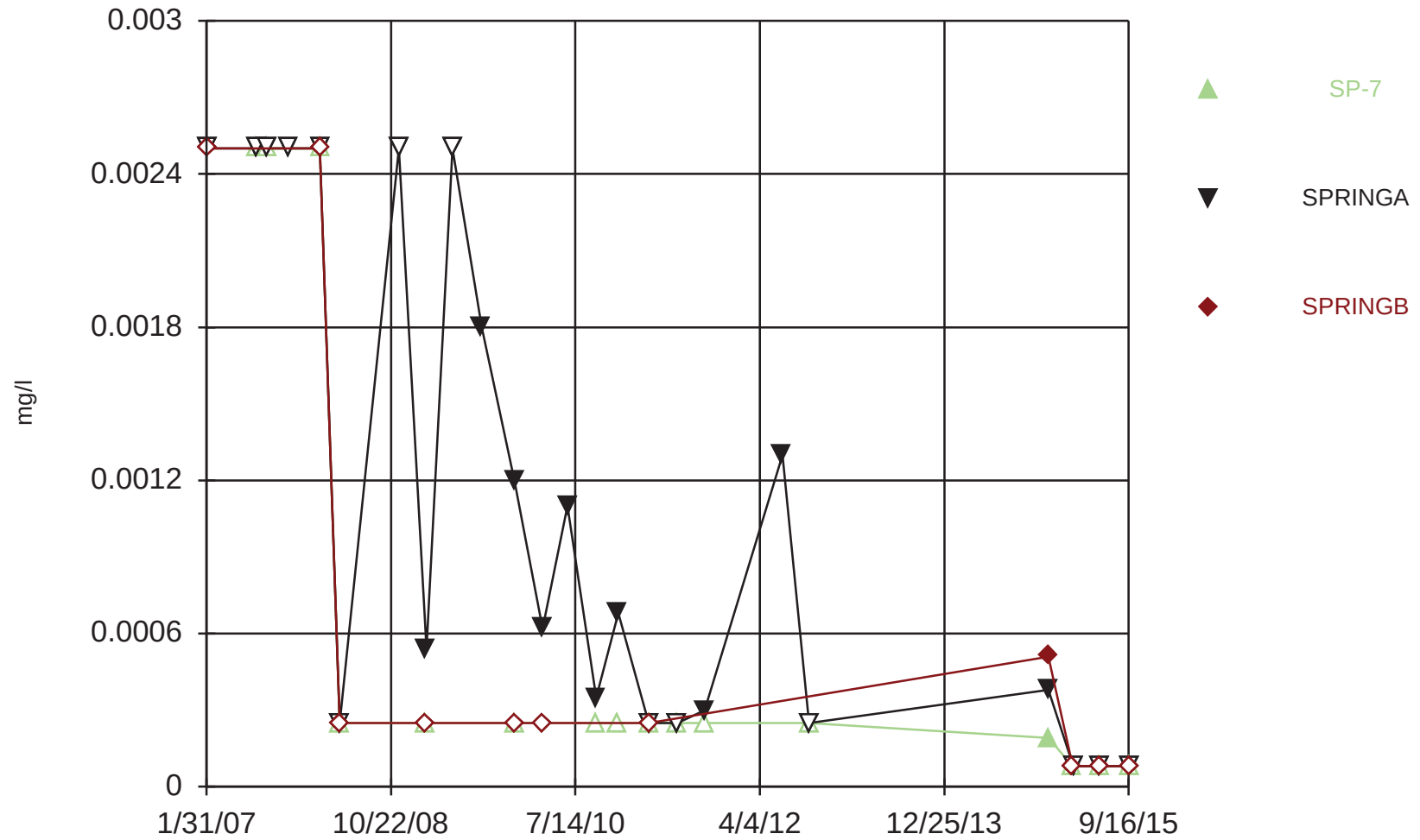
Time Series



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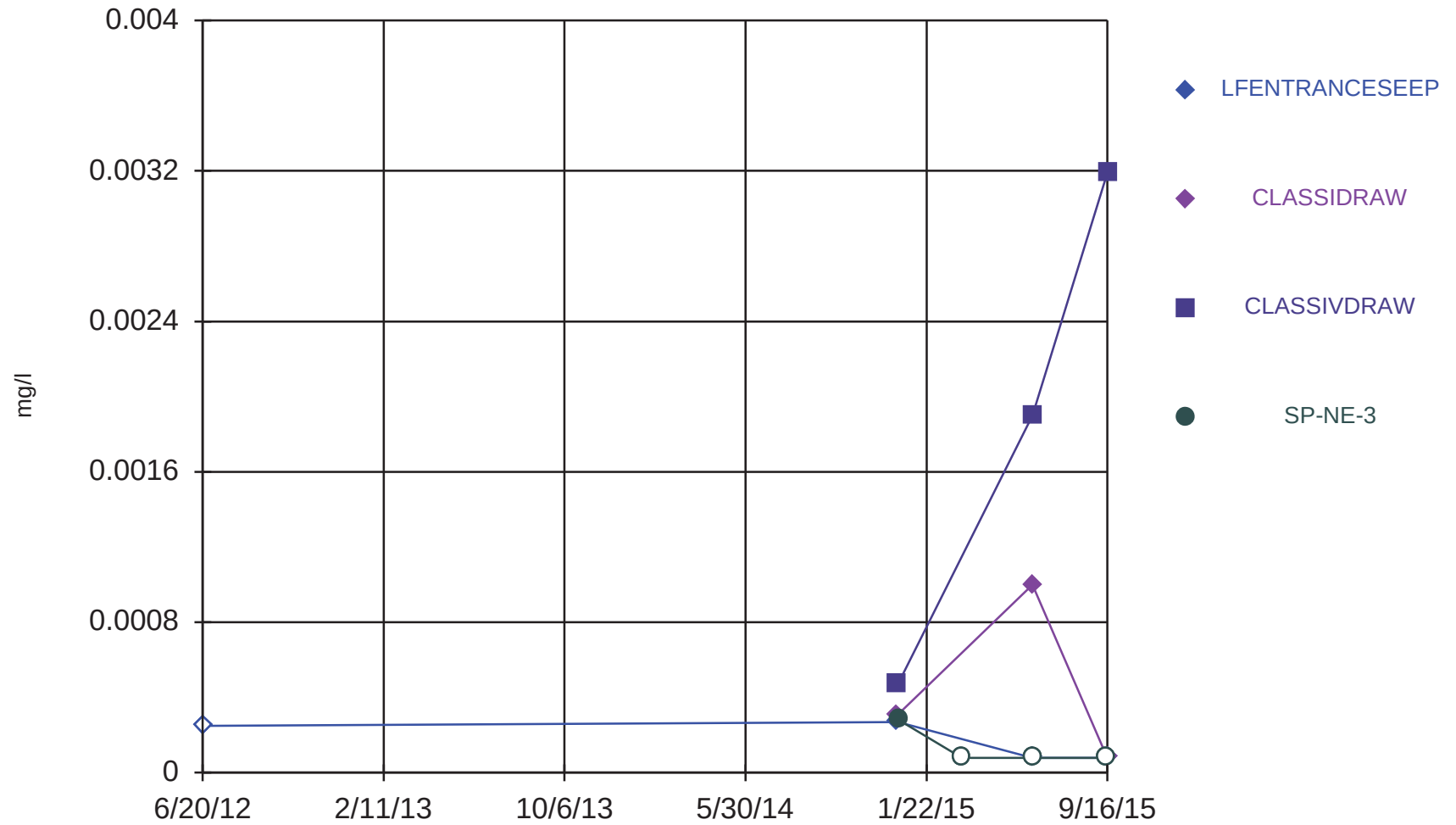
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Time Series



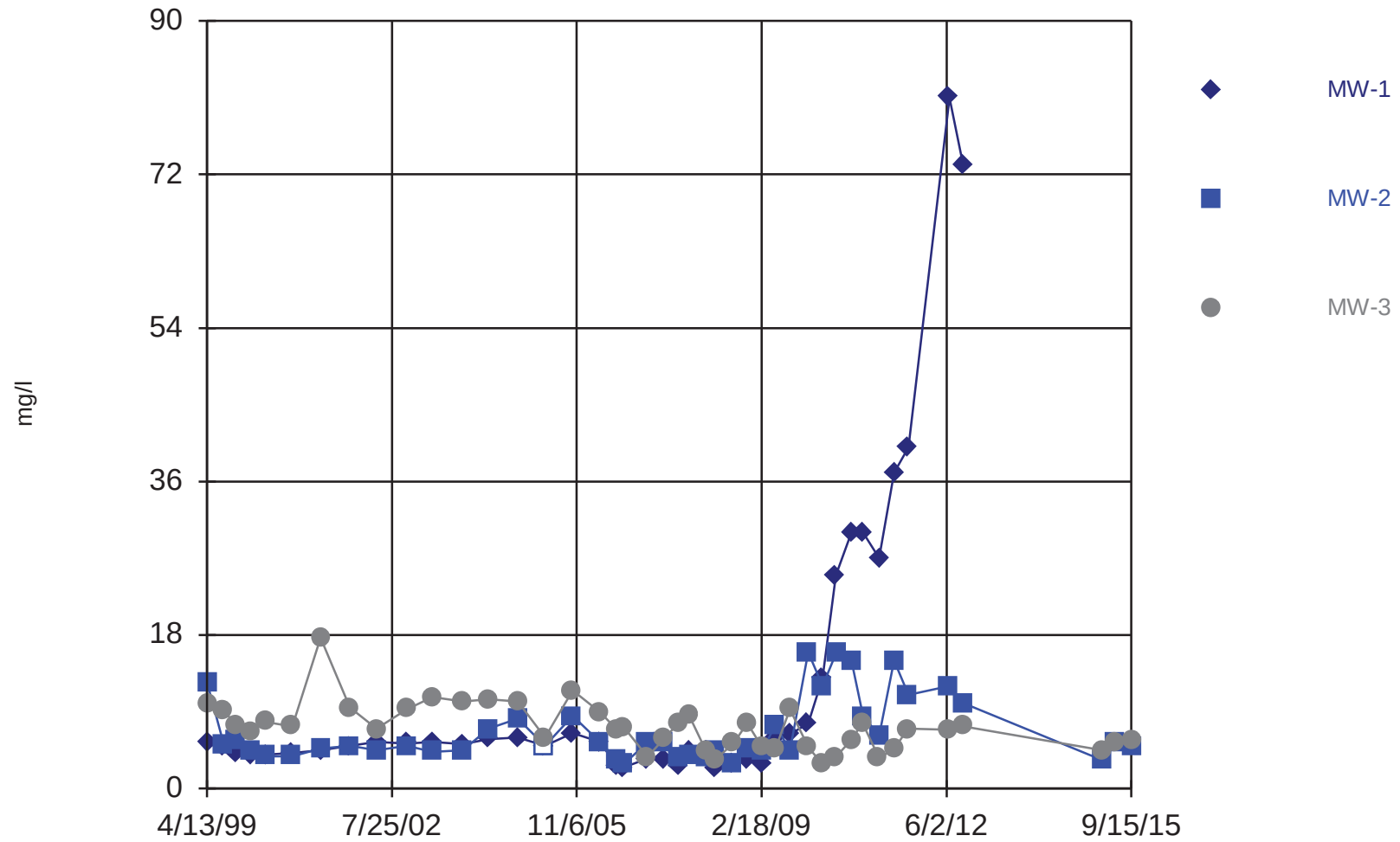
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Time Series



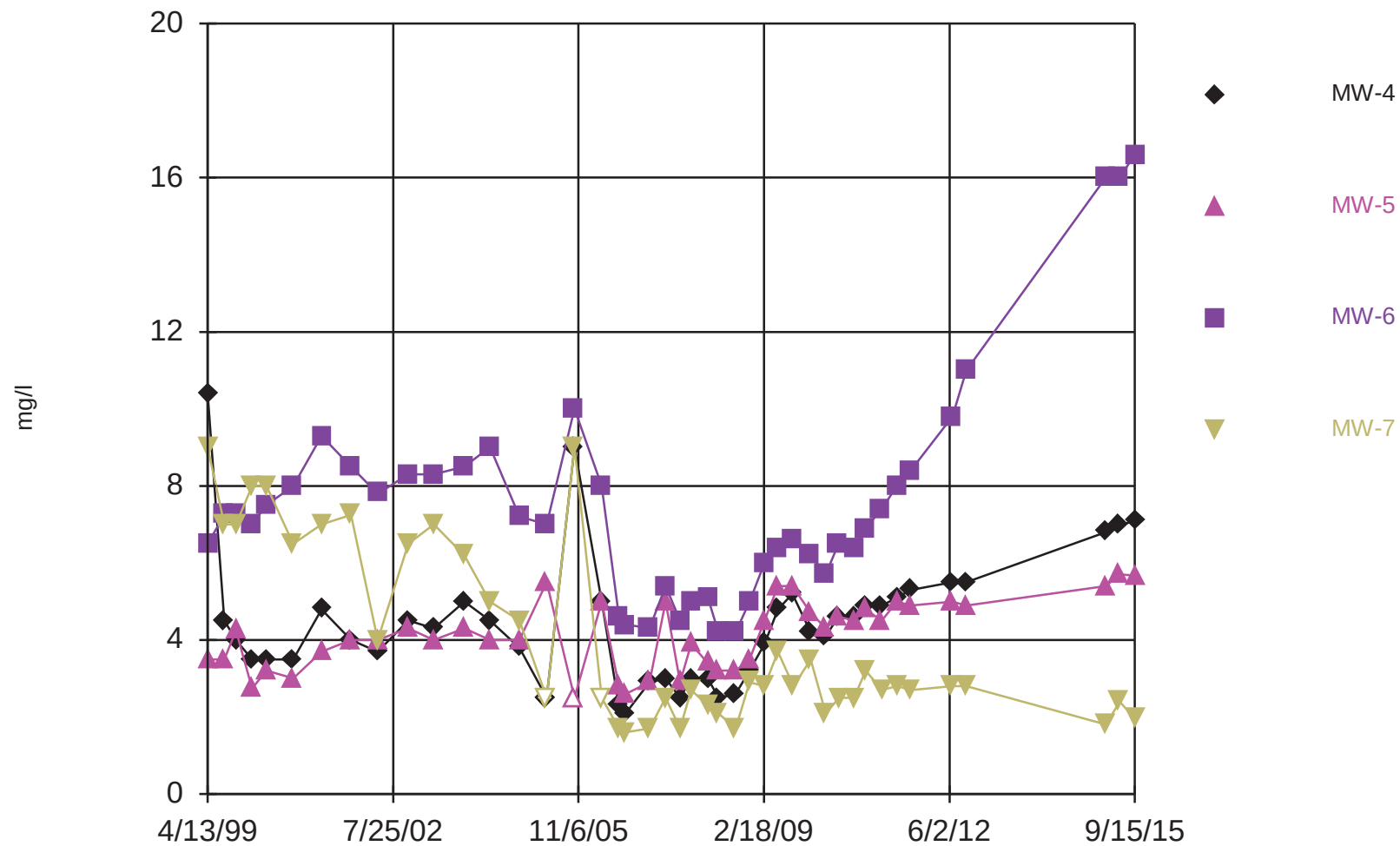
Constituent: Cadmium Analysis Run 10/22/2015 4:03 PM
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Time Series



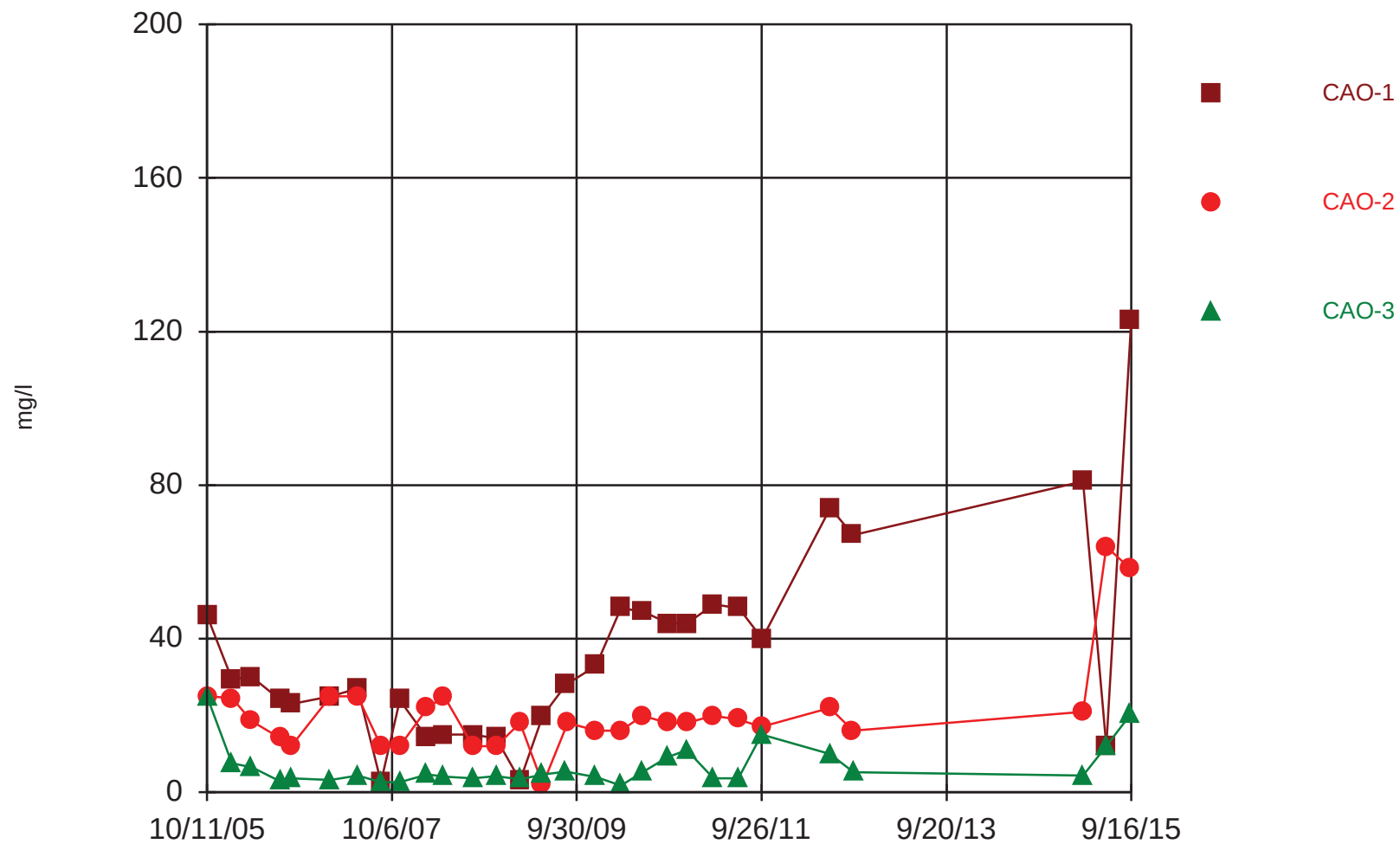
Constituent: Chloride Analysis Run 10/22/2015 4:11 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

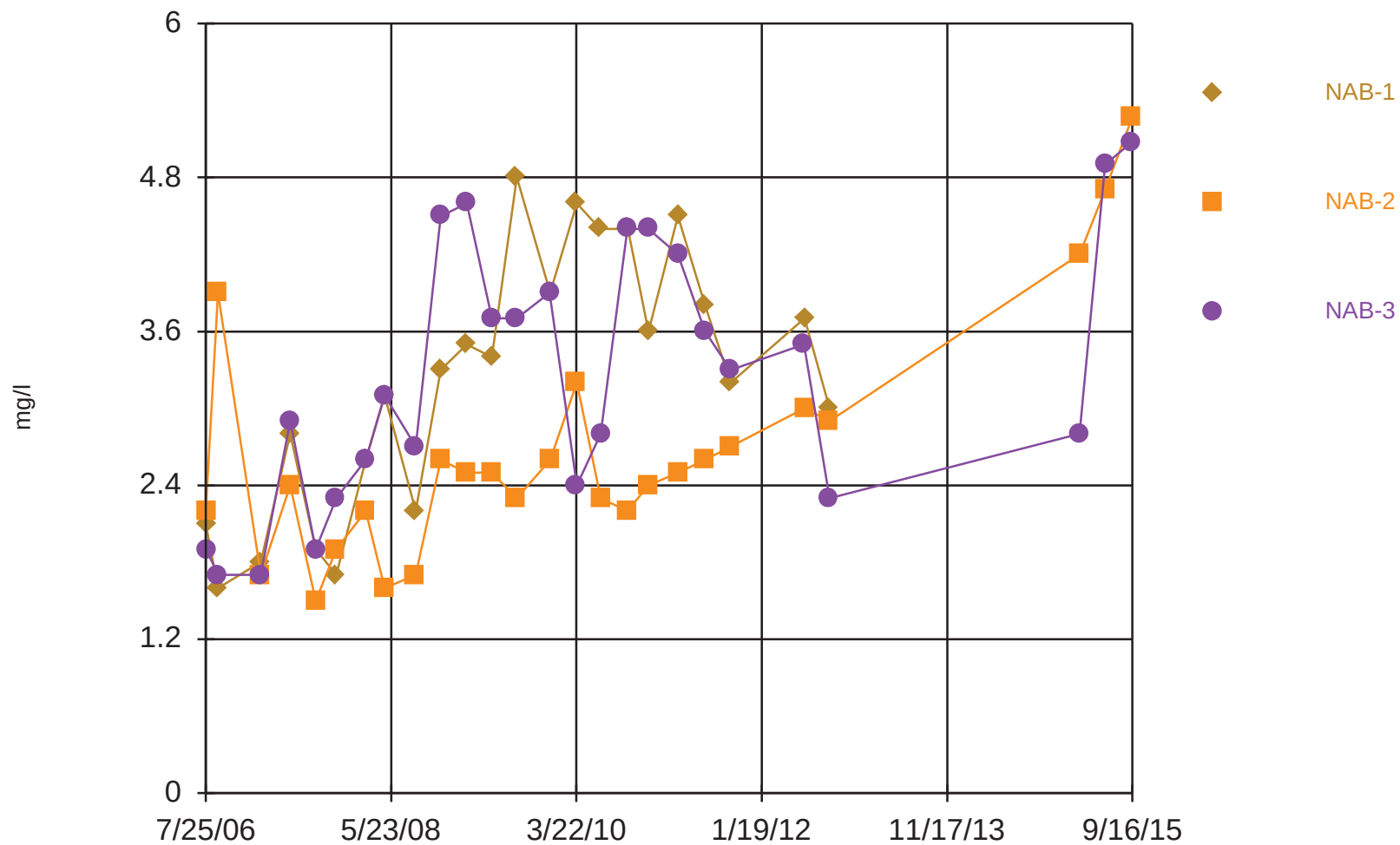


Constituent: Chloride Analysis Run 10/22/2015 4:11 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

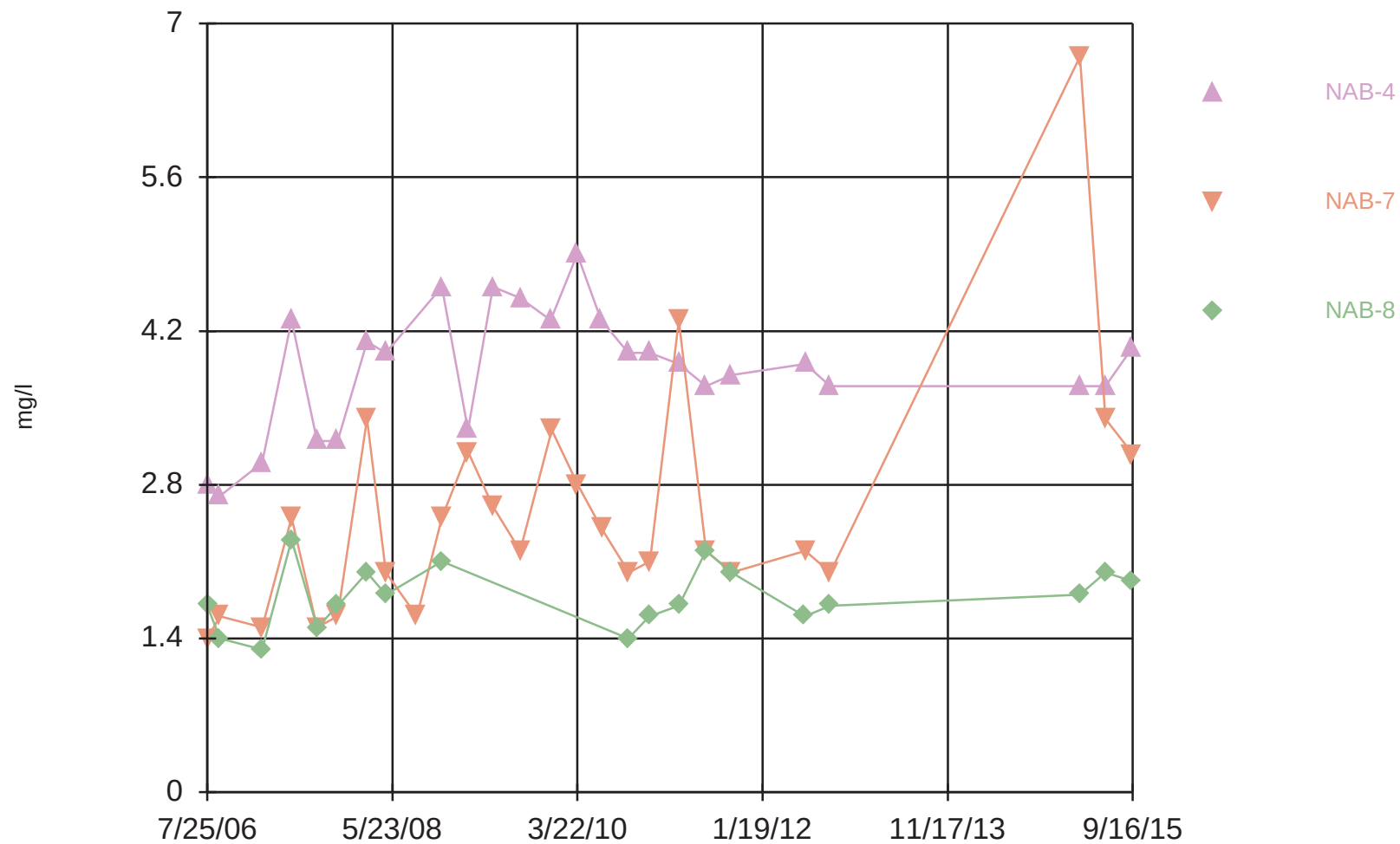


Time Series



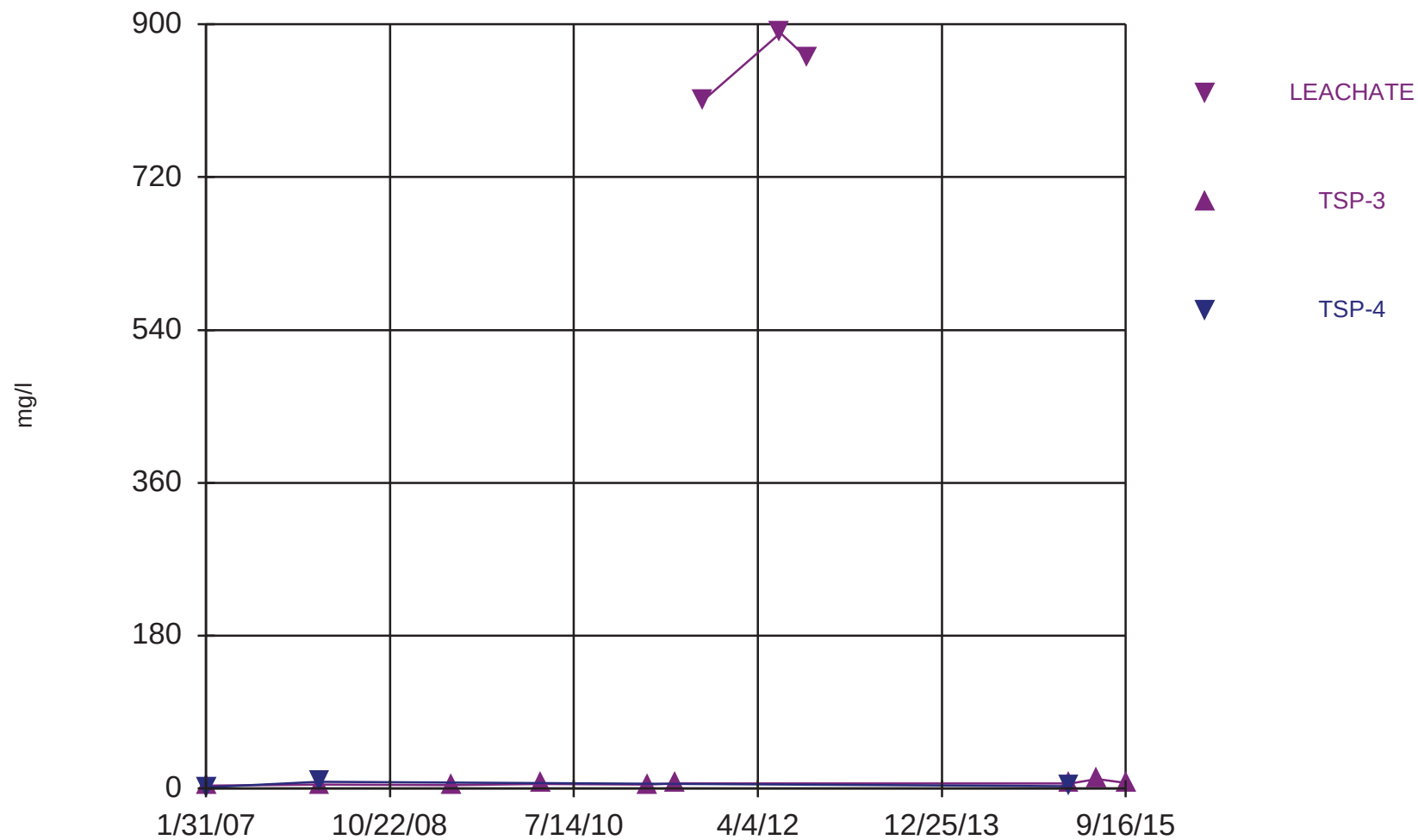
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Time Series



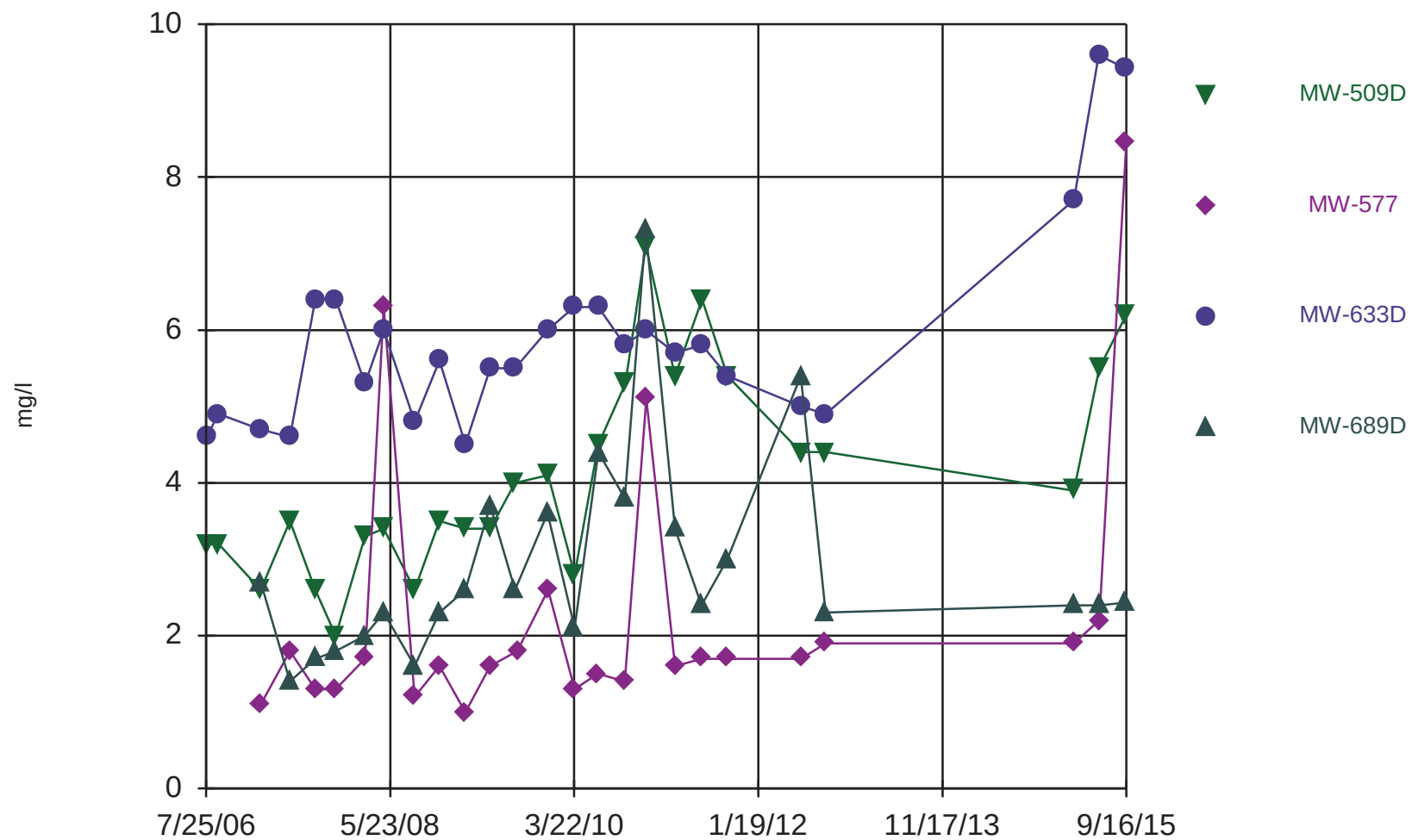
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Time Series



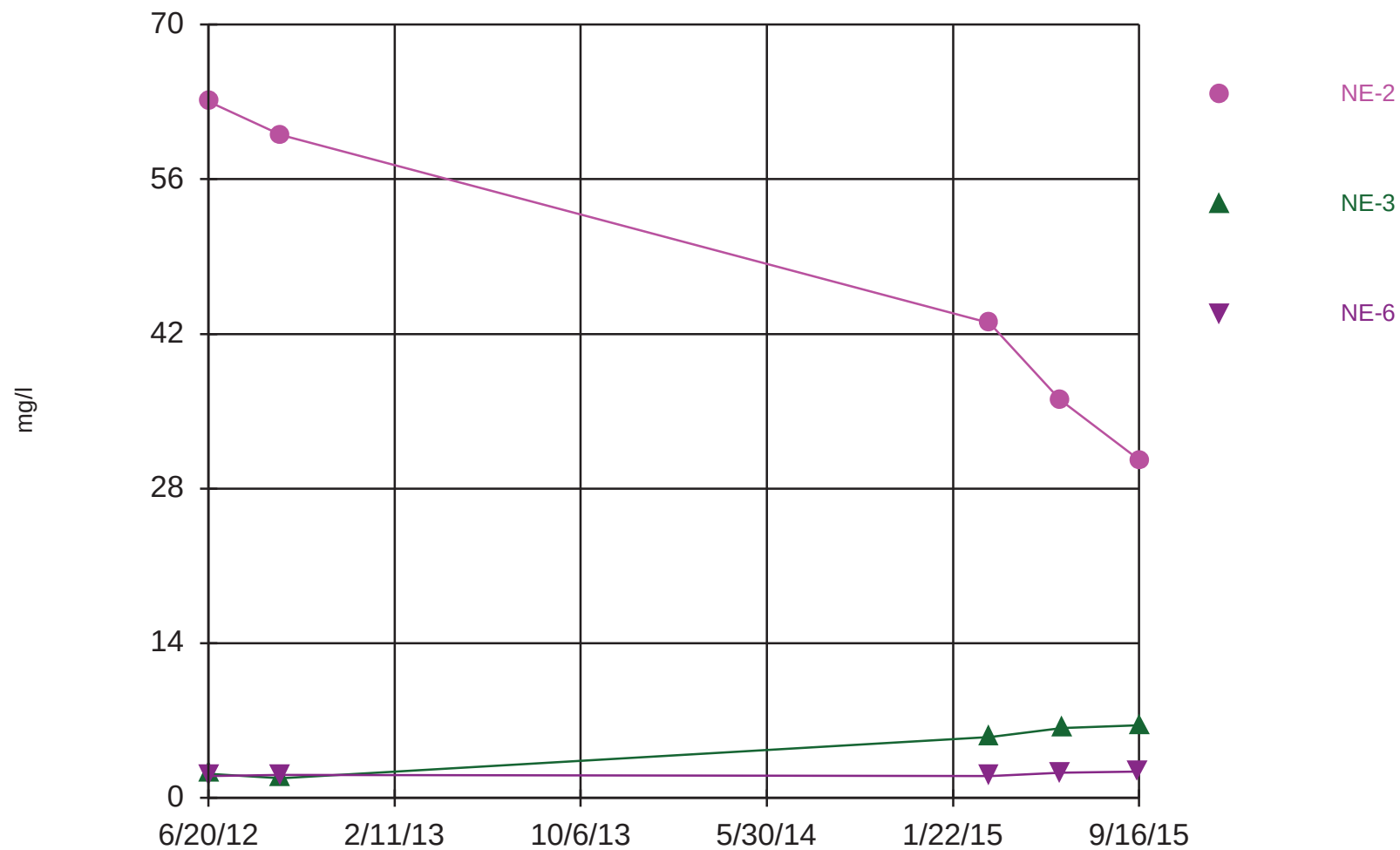
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Time Series



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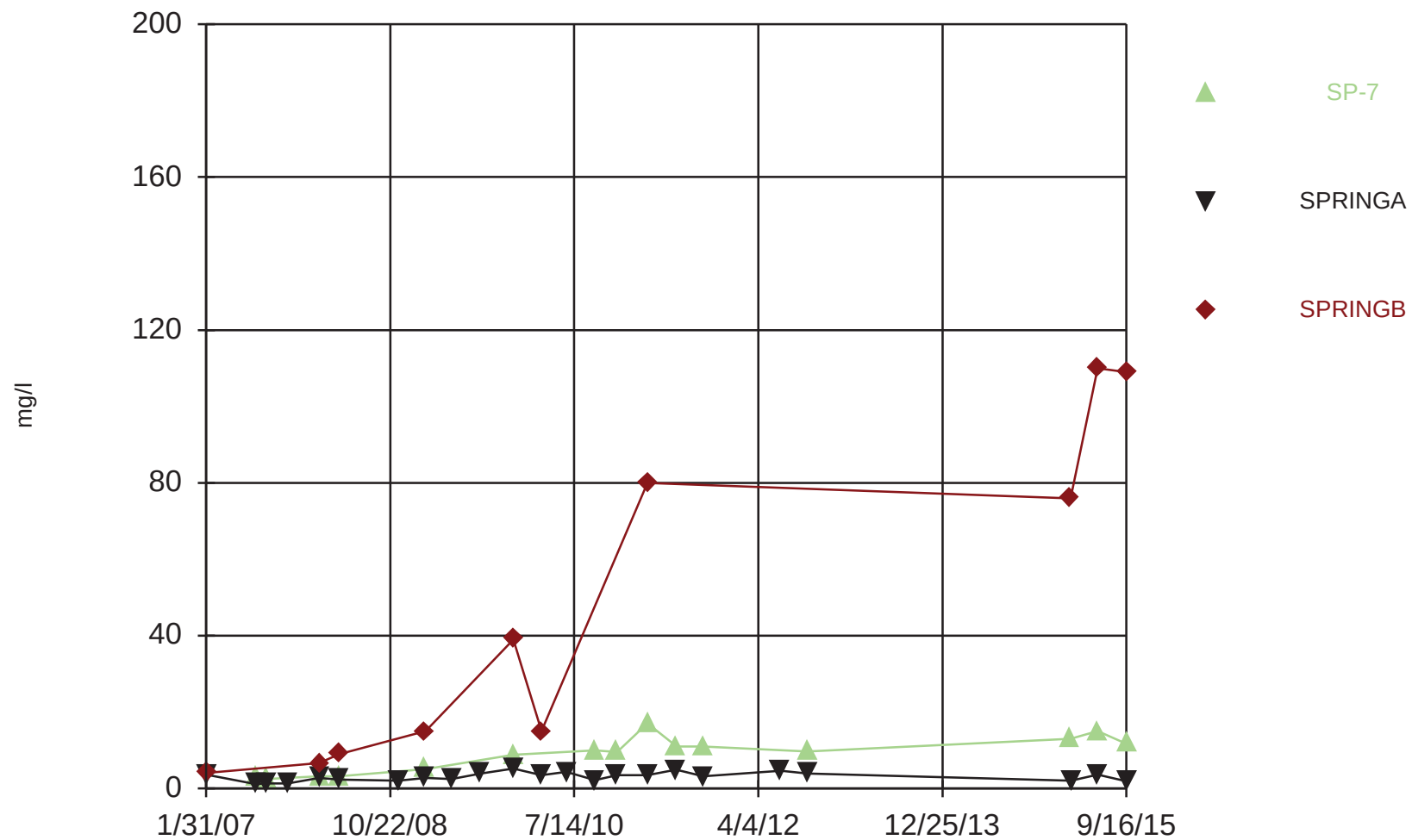
Time Series



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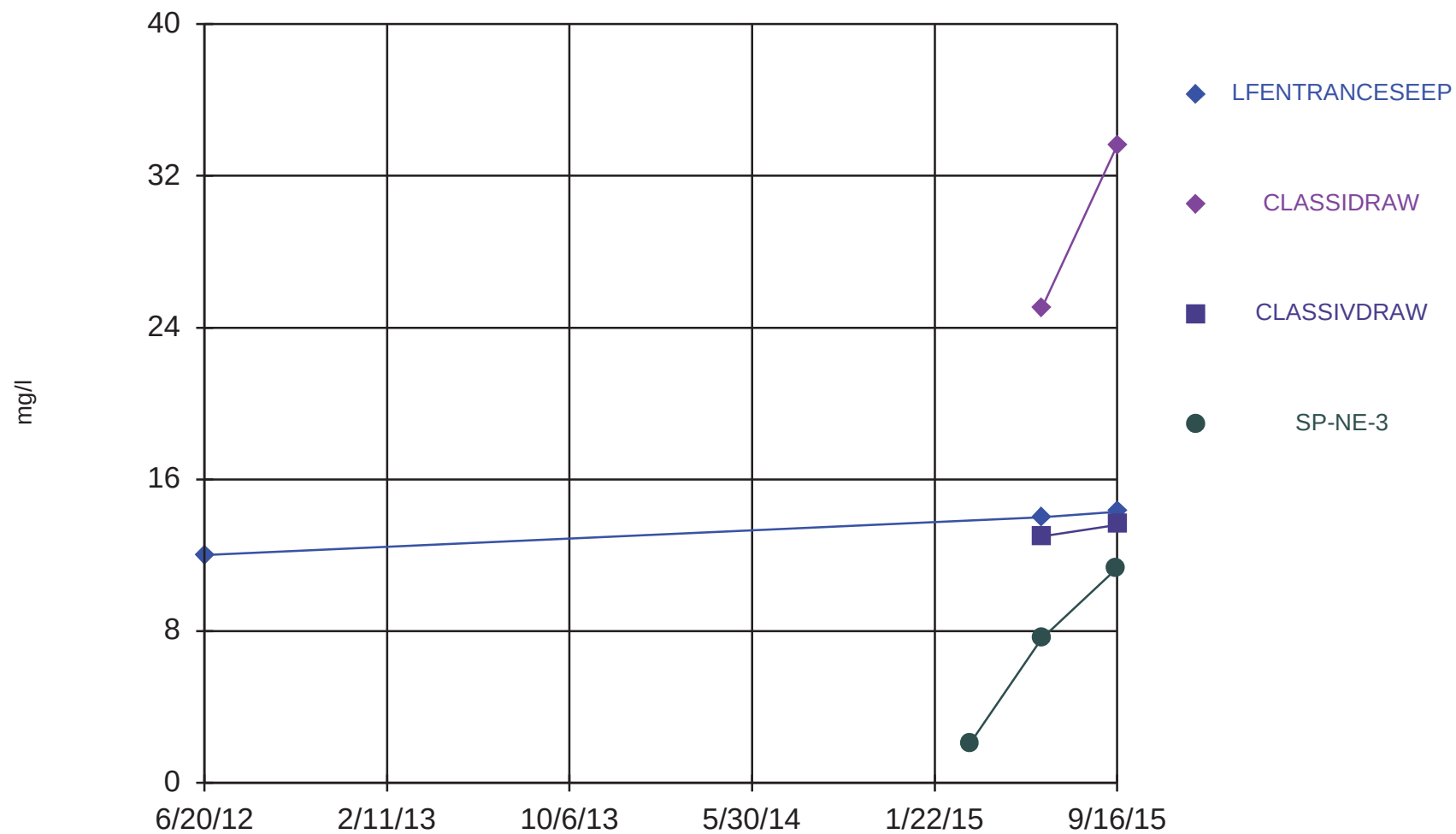
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Time Series



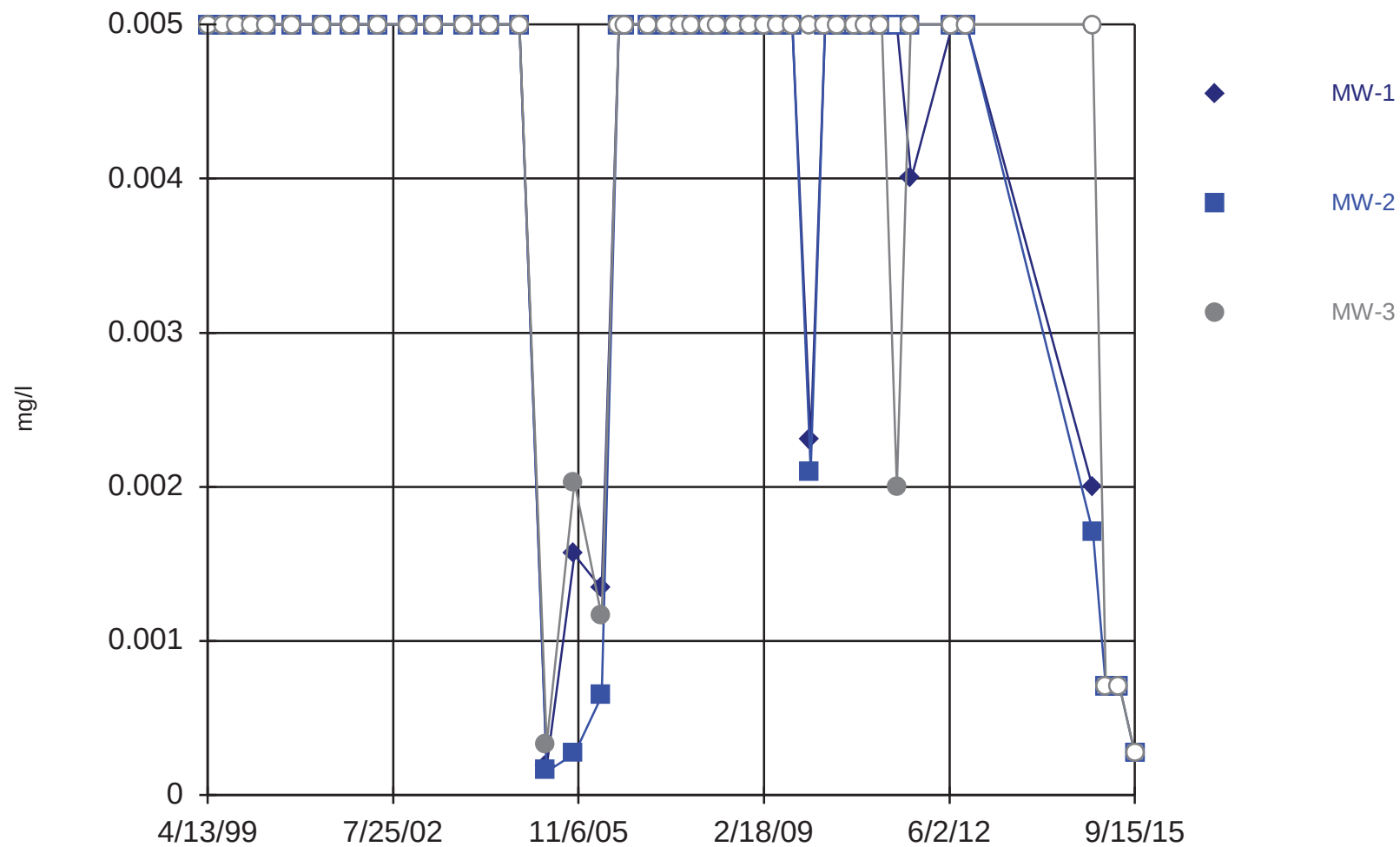
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



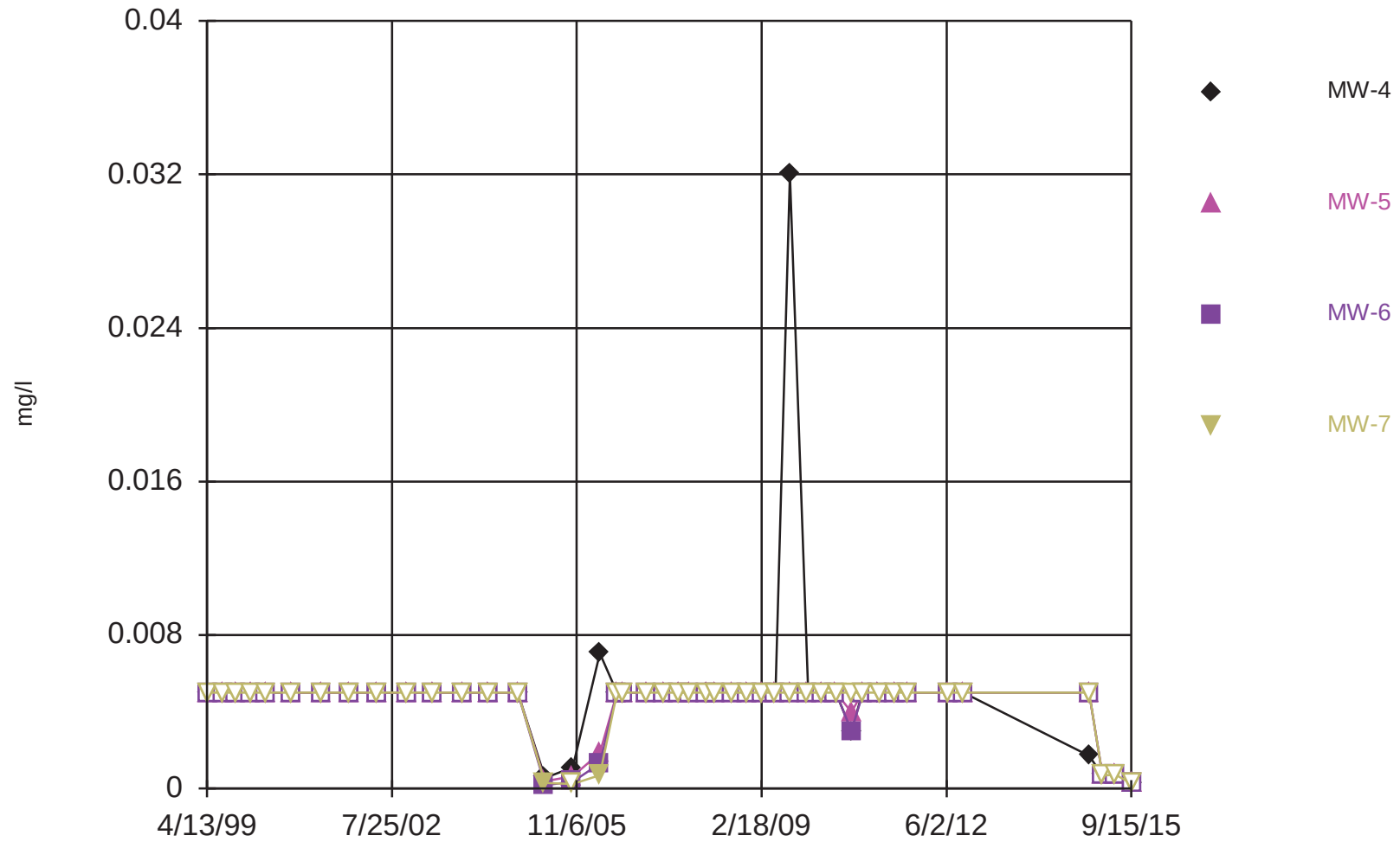
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Time Series



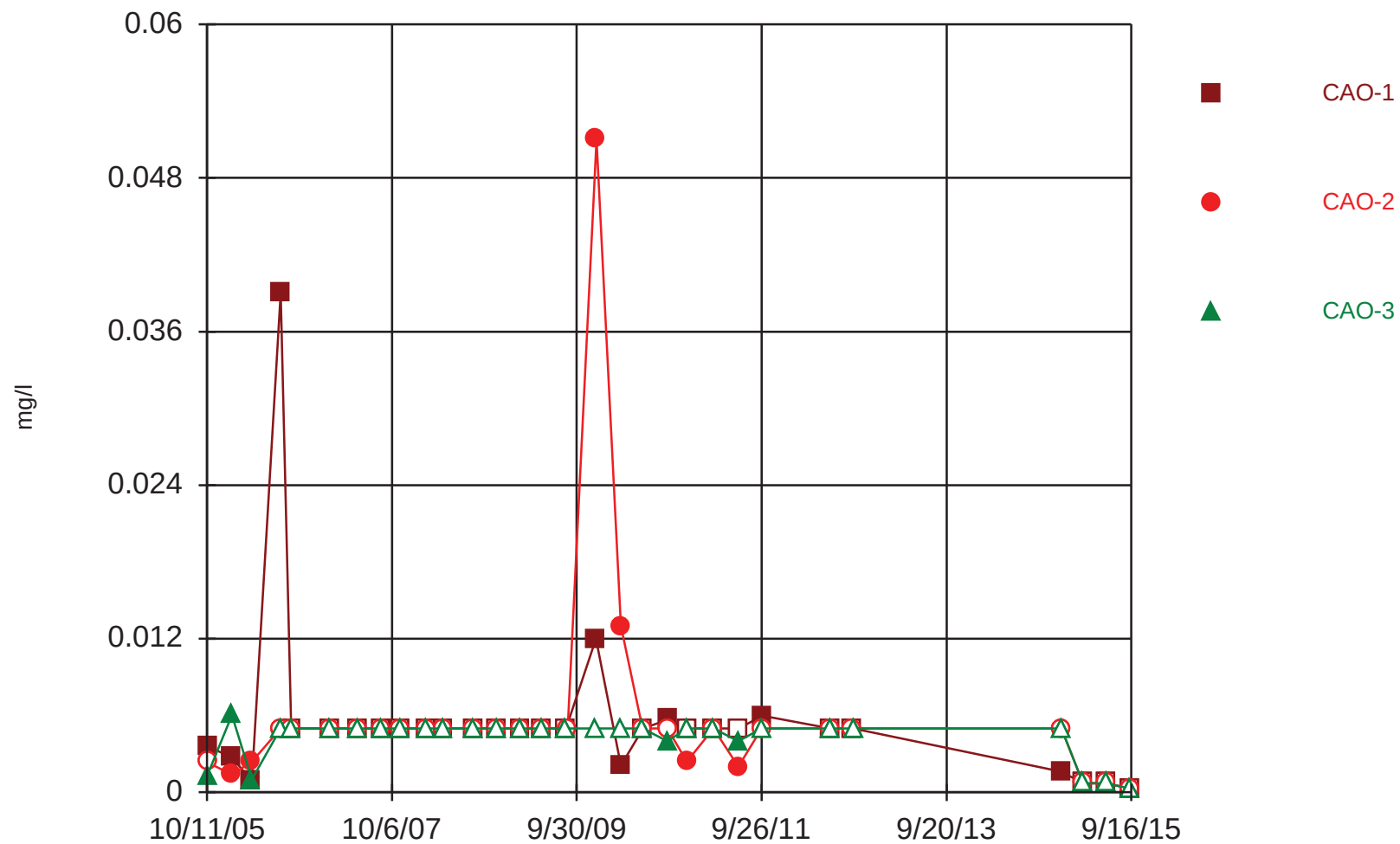
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Time Series



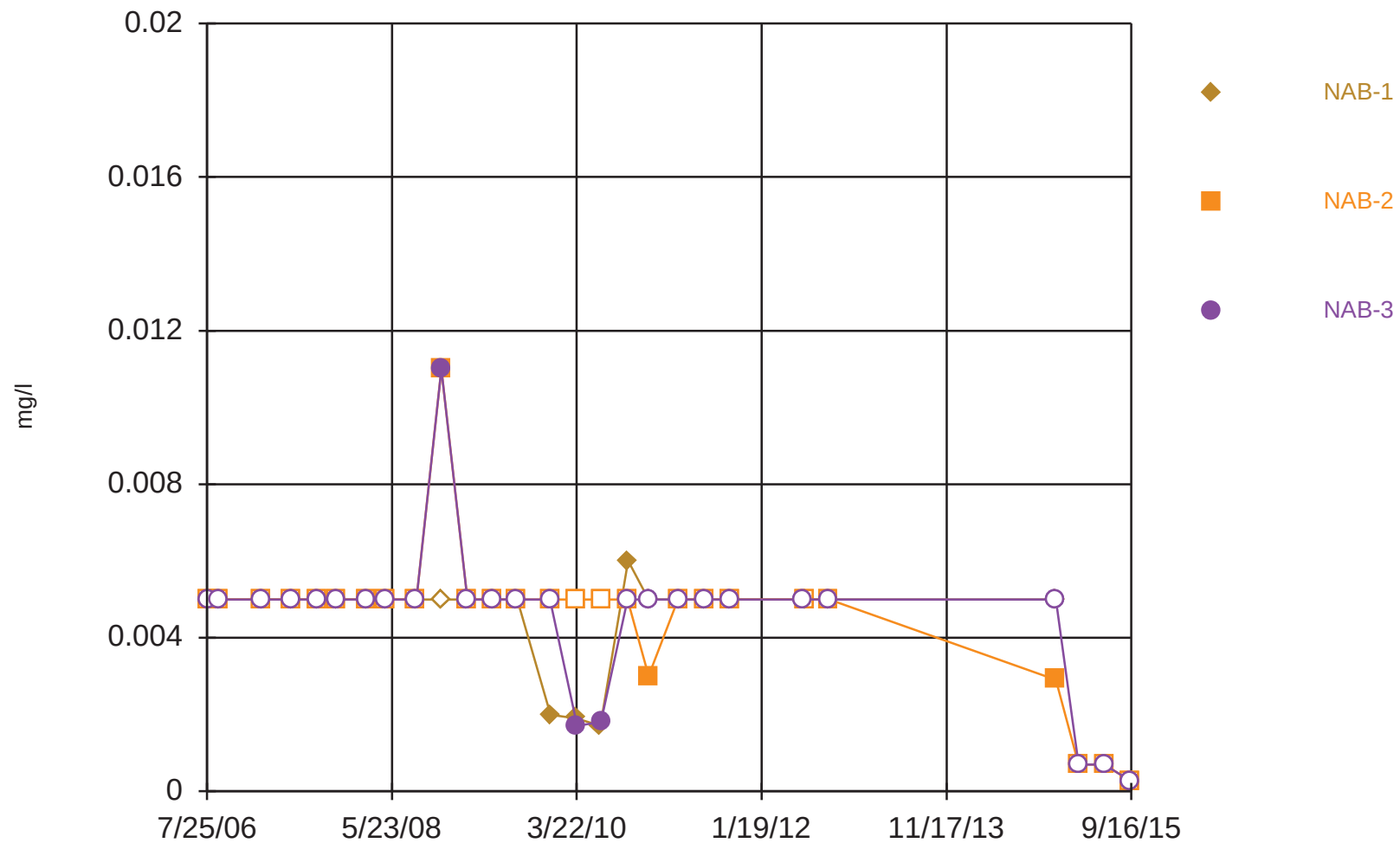
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Time Series



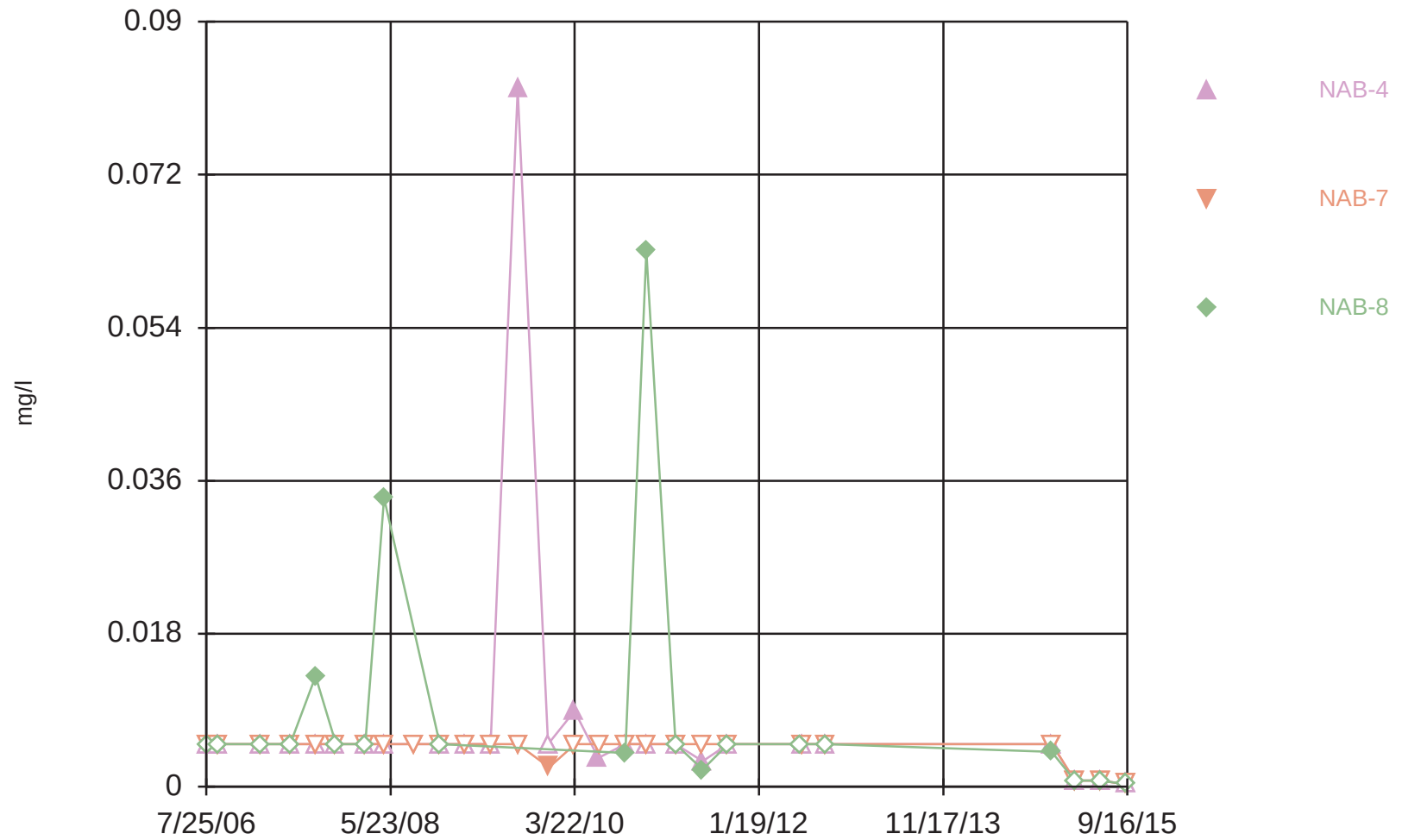
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Time Series



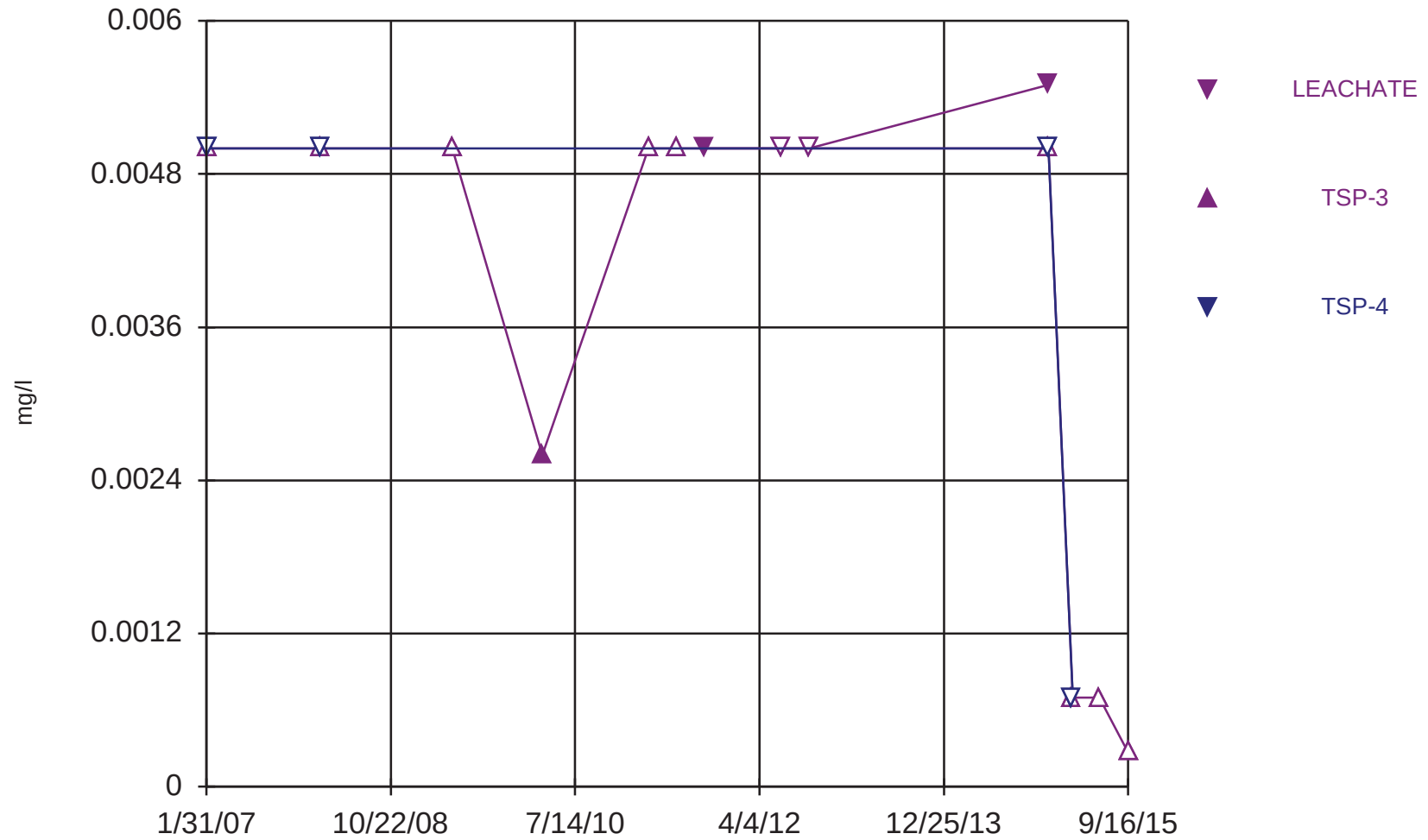
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Time Series



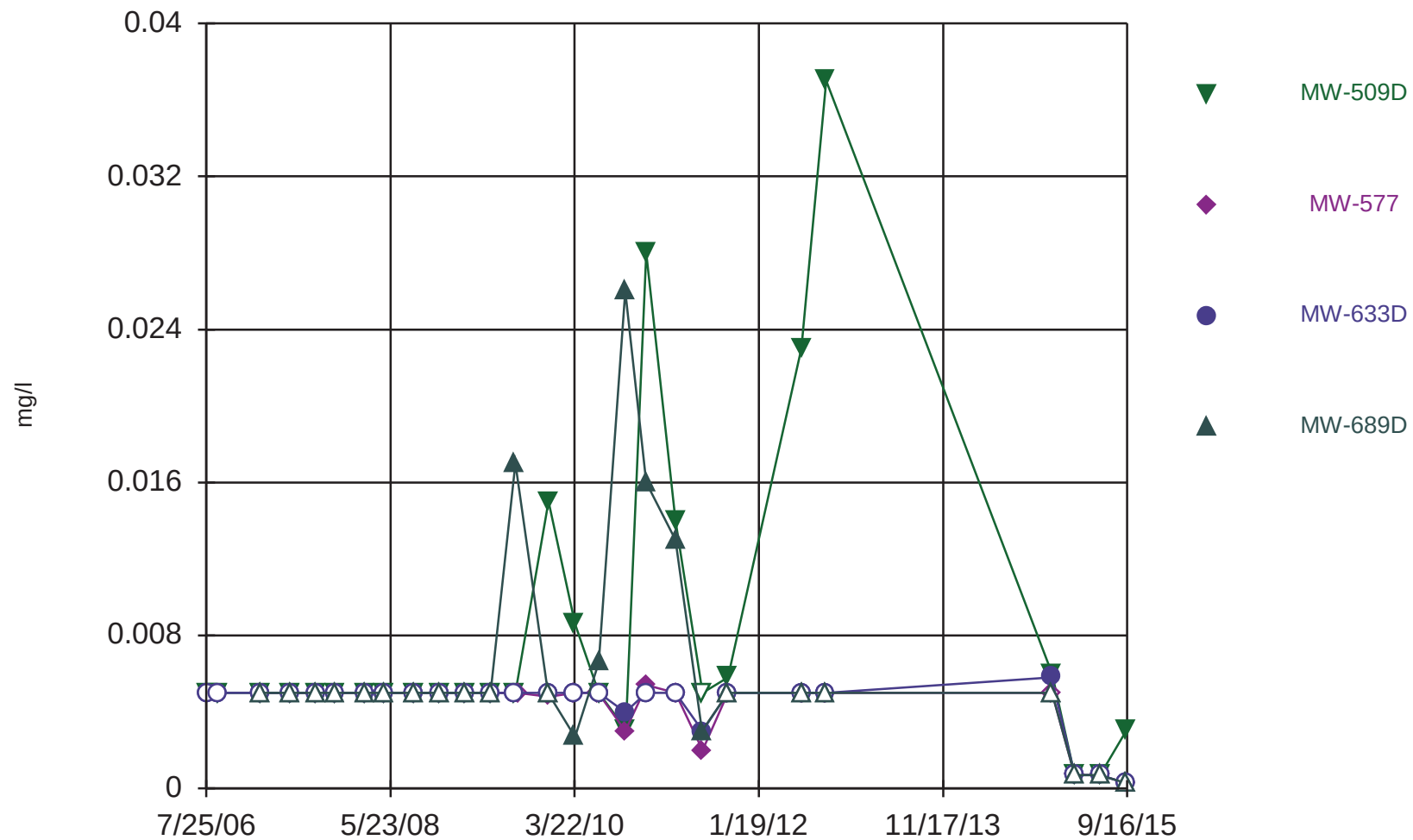
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Time Series



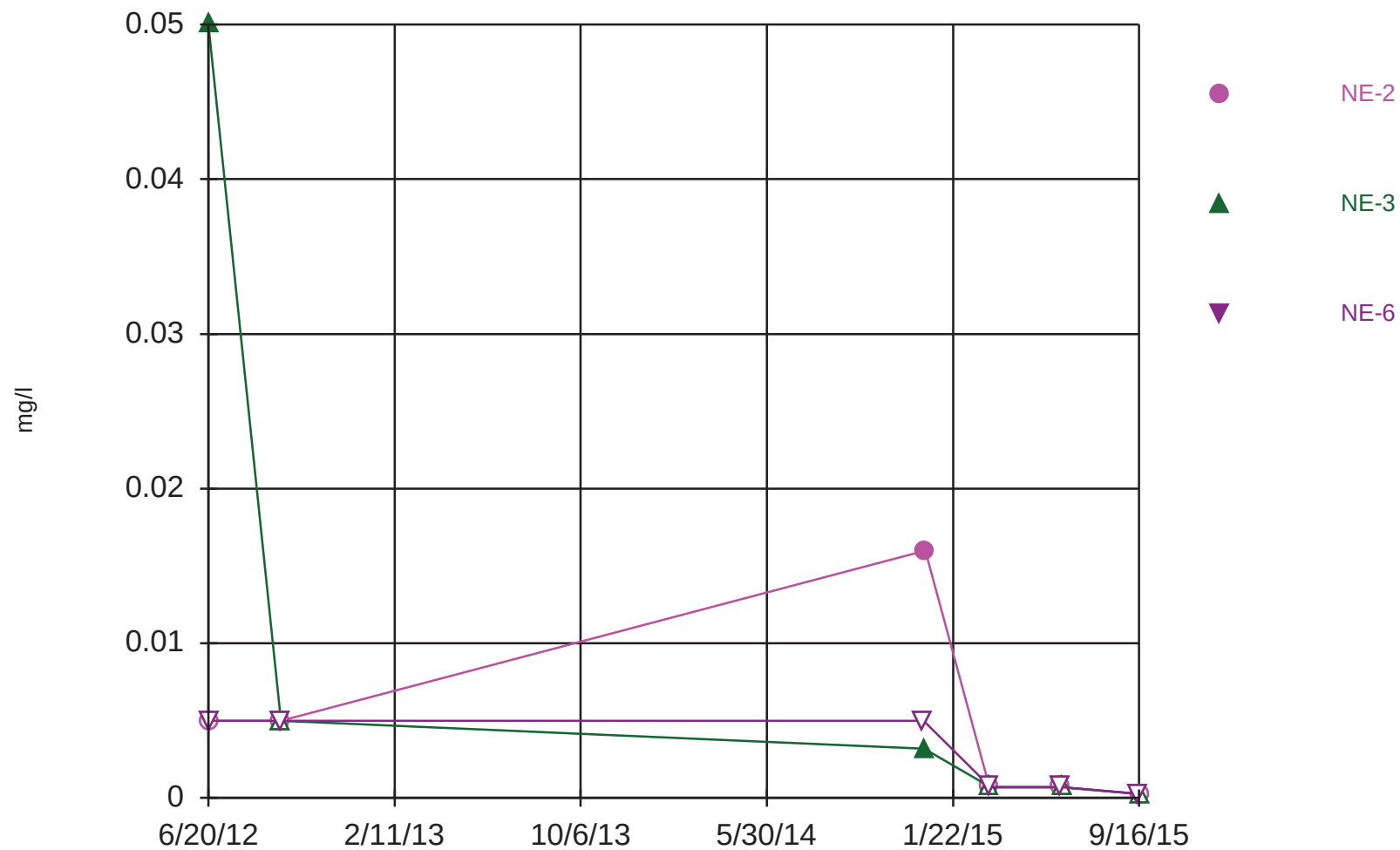
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Time Series



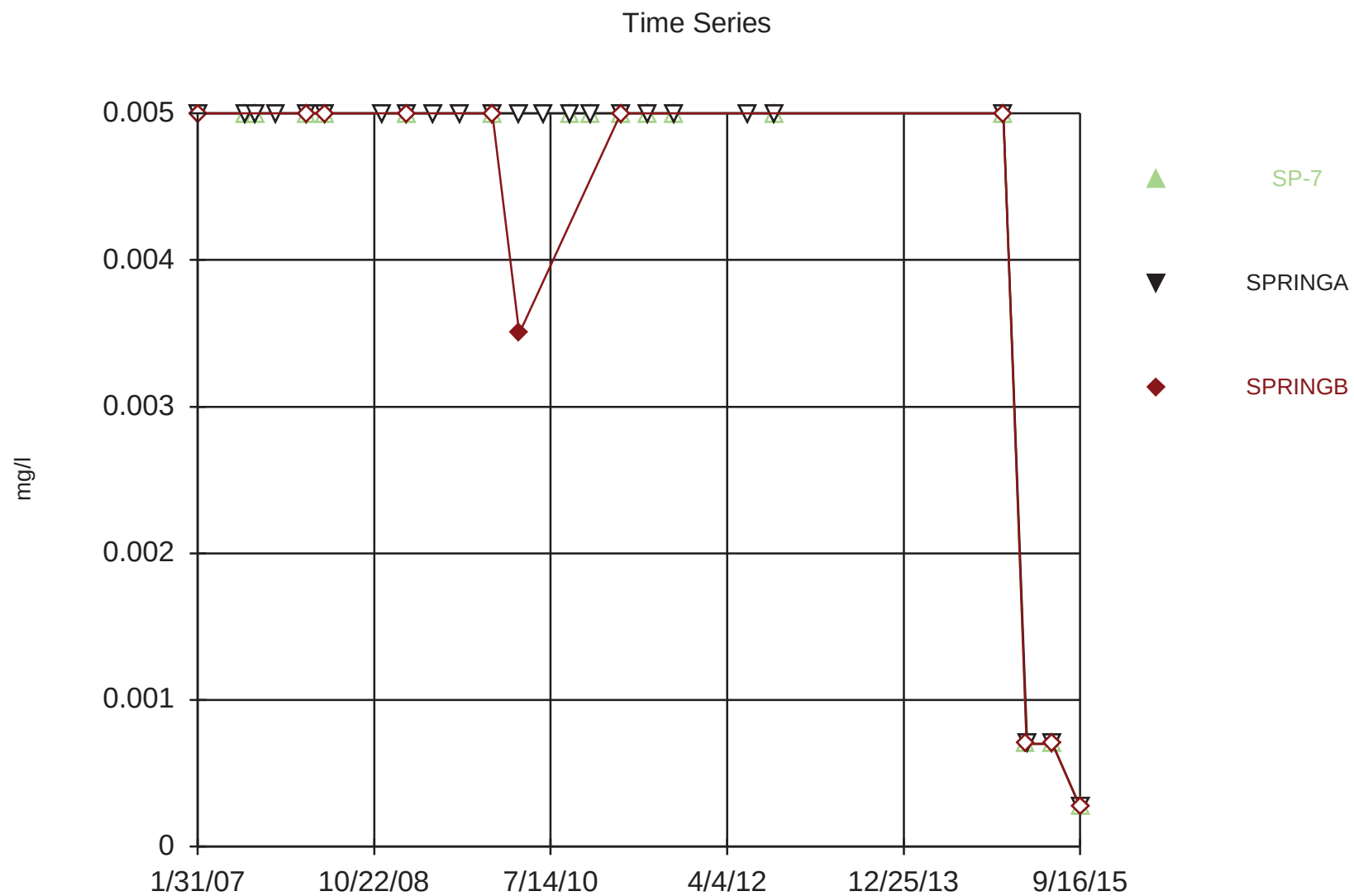
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Time Series



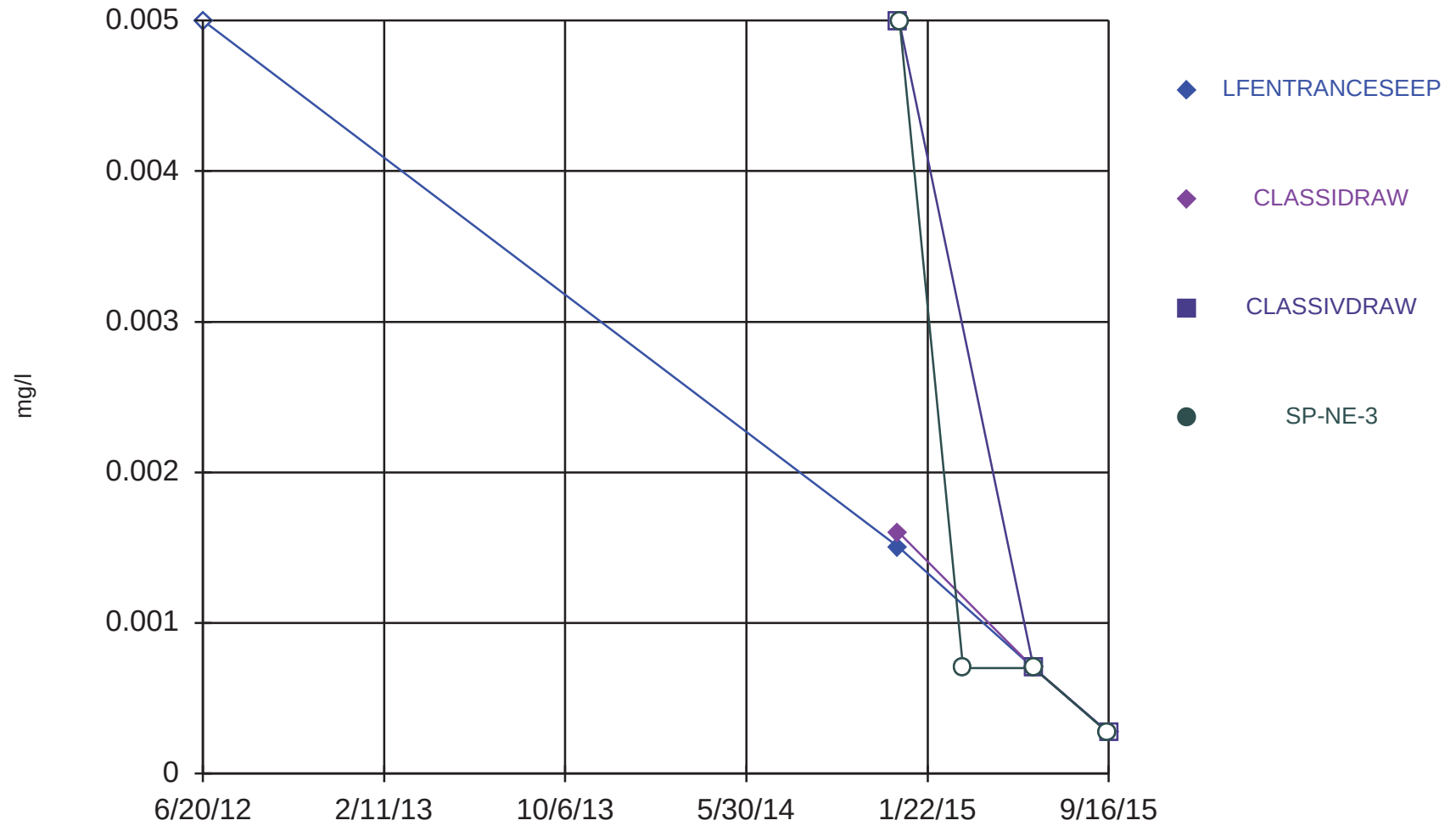
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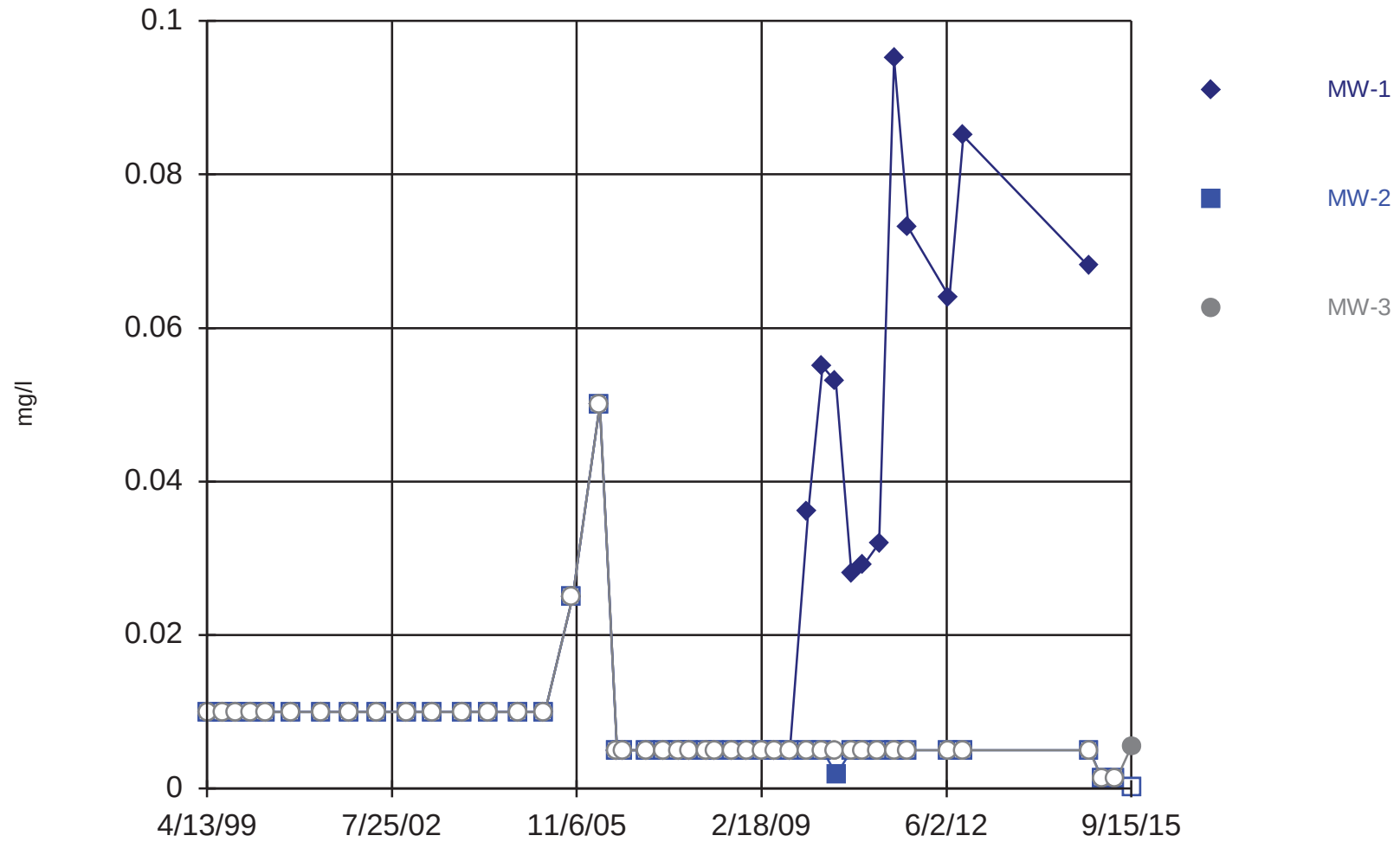
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



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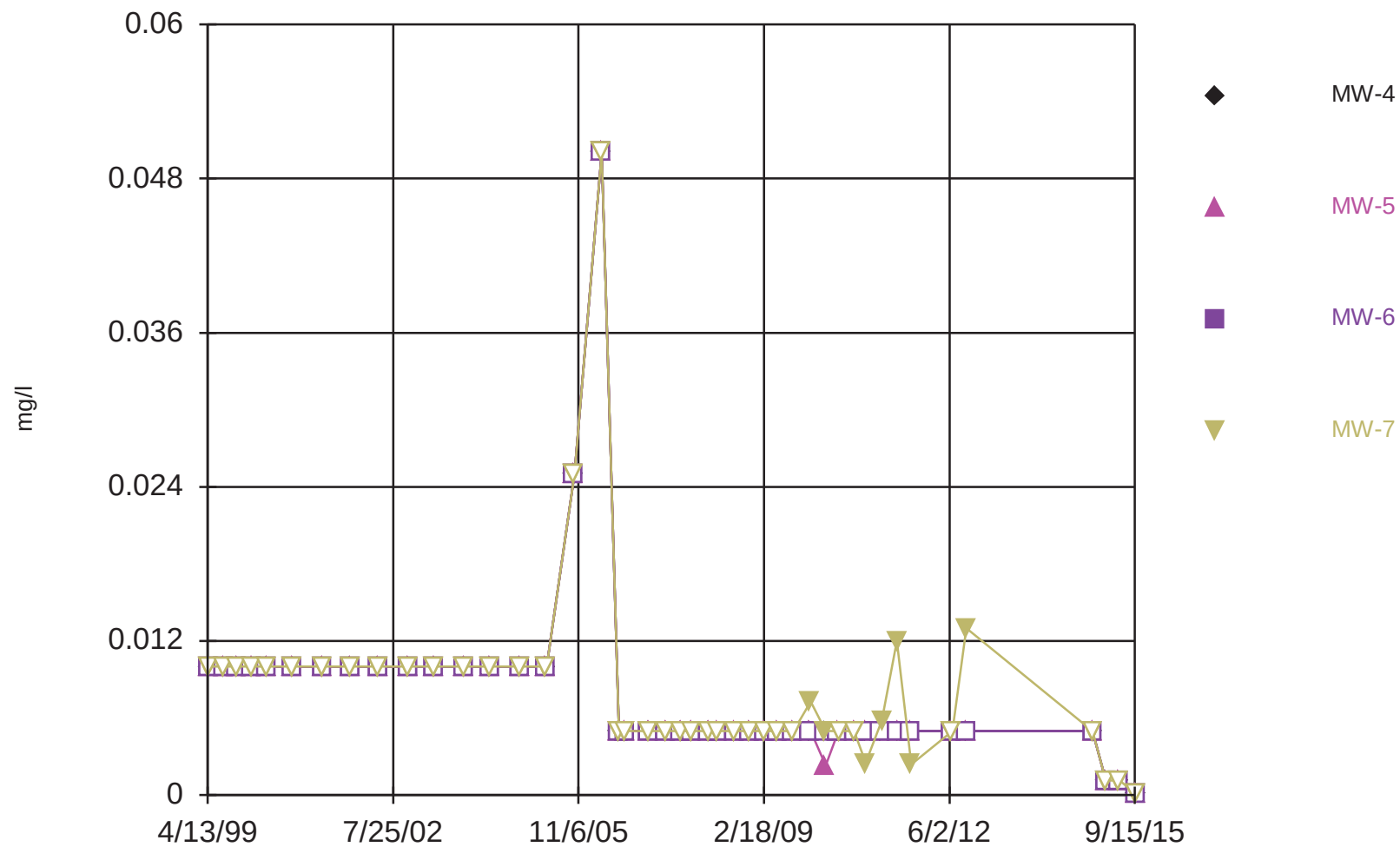
Time Series



Constituent: Cobalt Analysis Run 10/23/2015 9:03 AM

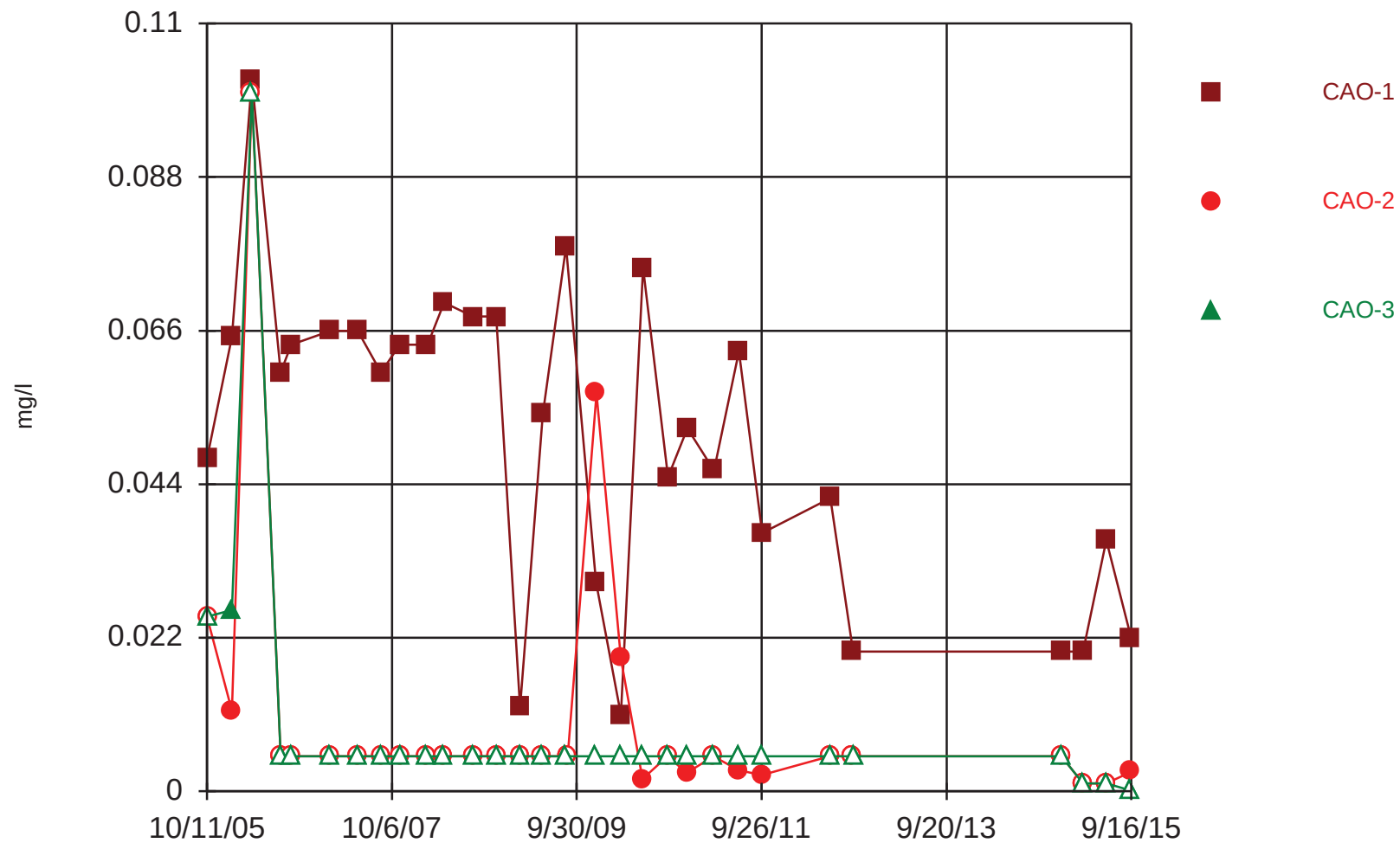
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



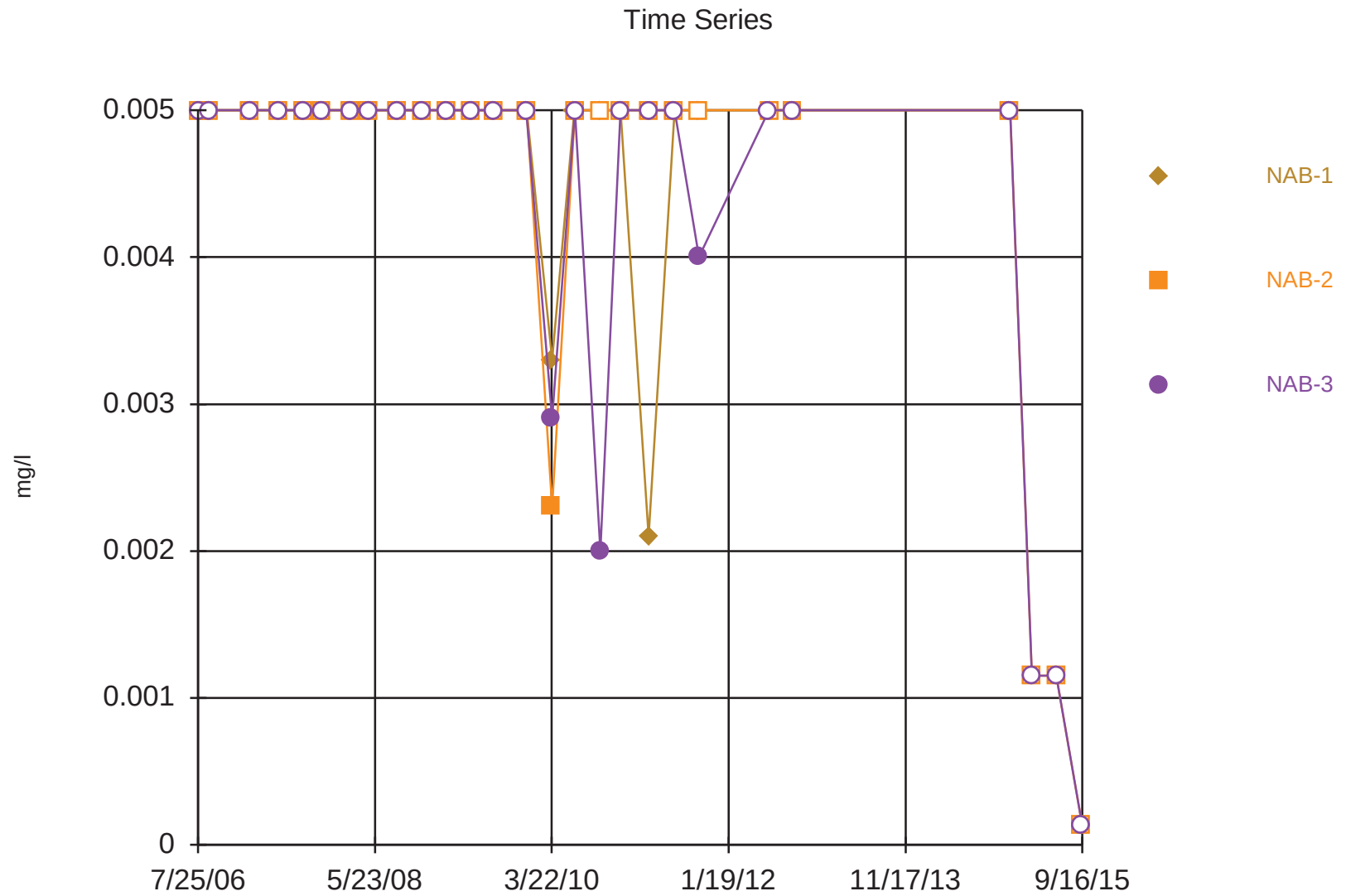
Constituent: Cobalt Analysis Run 10/23/2015 9:04 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Cobalt Analysis Run 10/23/2015 9:05 AM

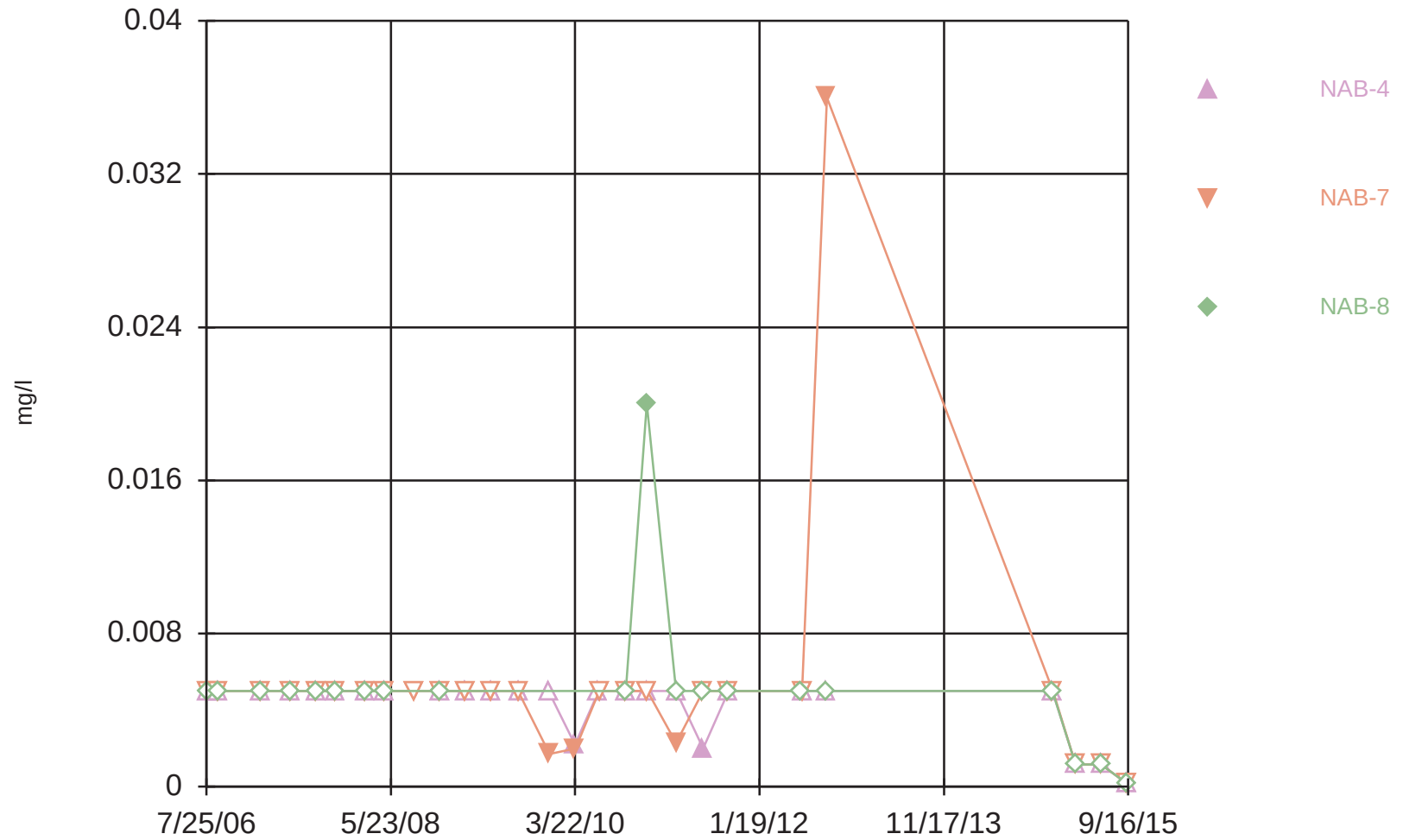
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015



Constituent: Cobalt Analysis Run 10/23/2015 9:05 AM

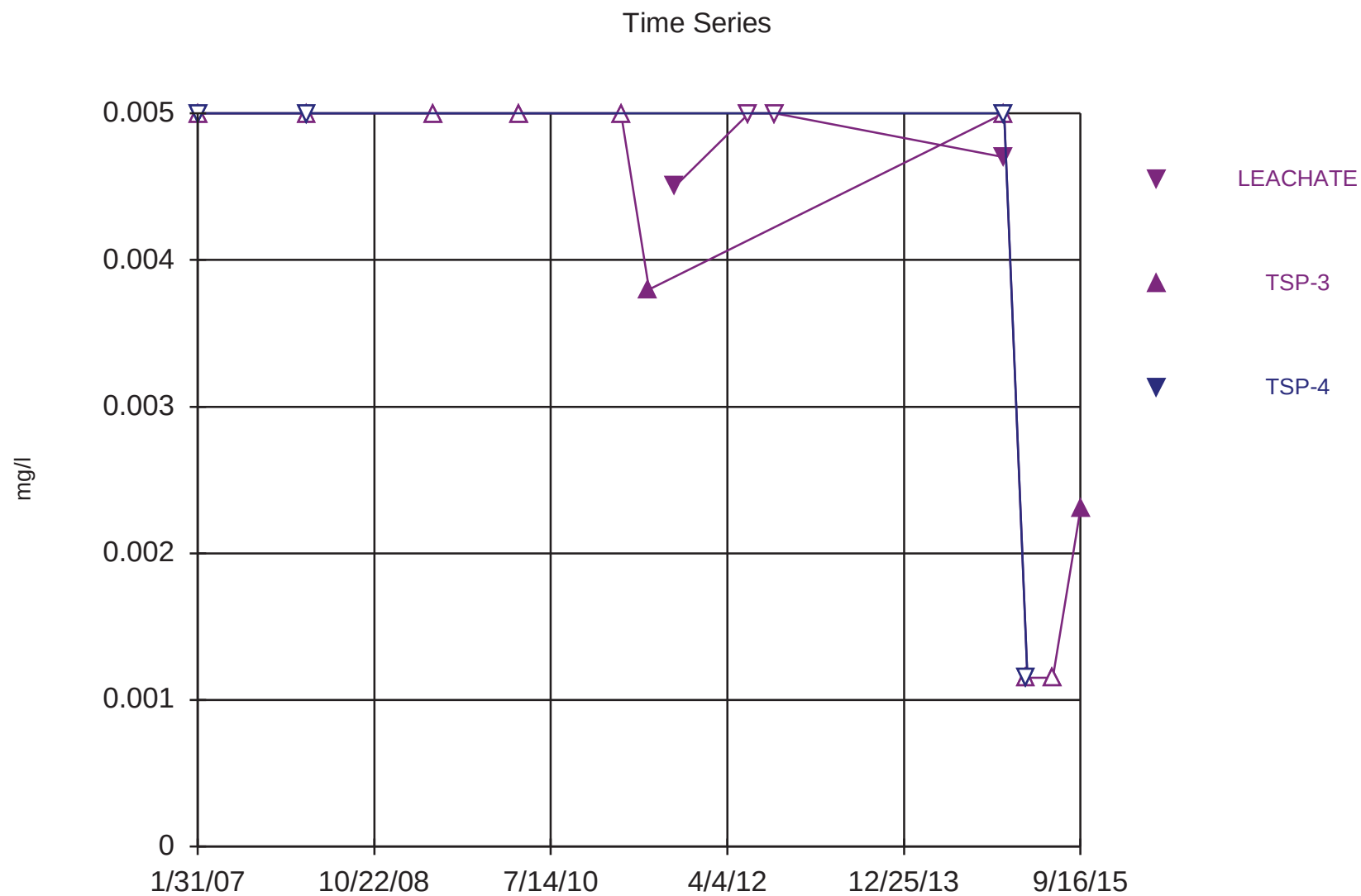
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



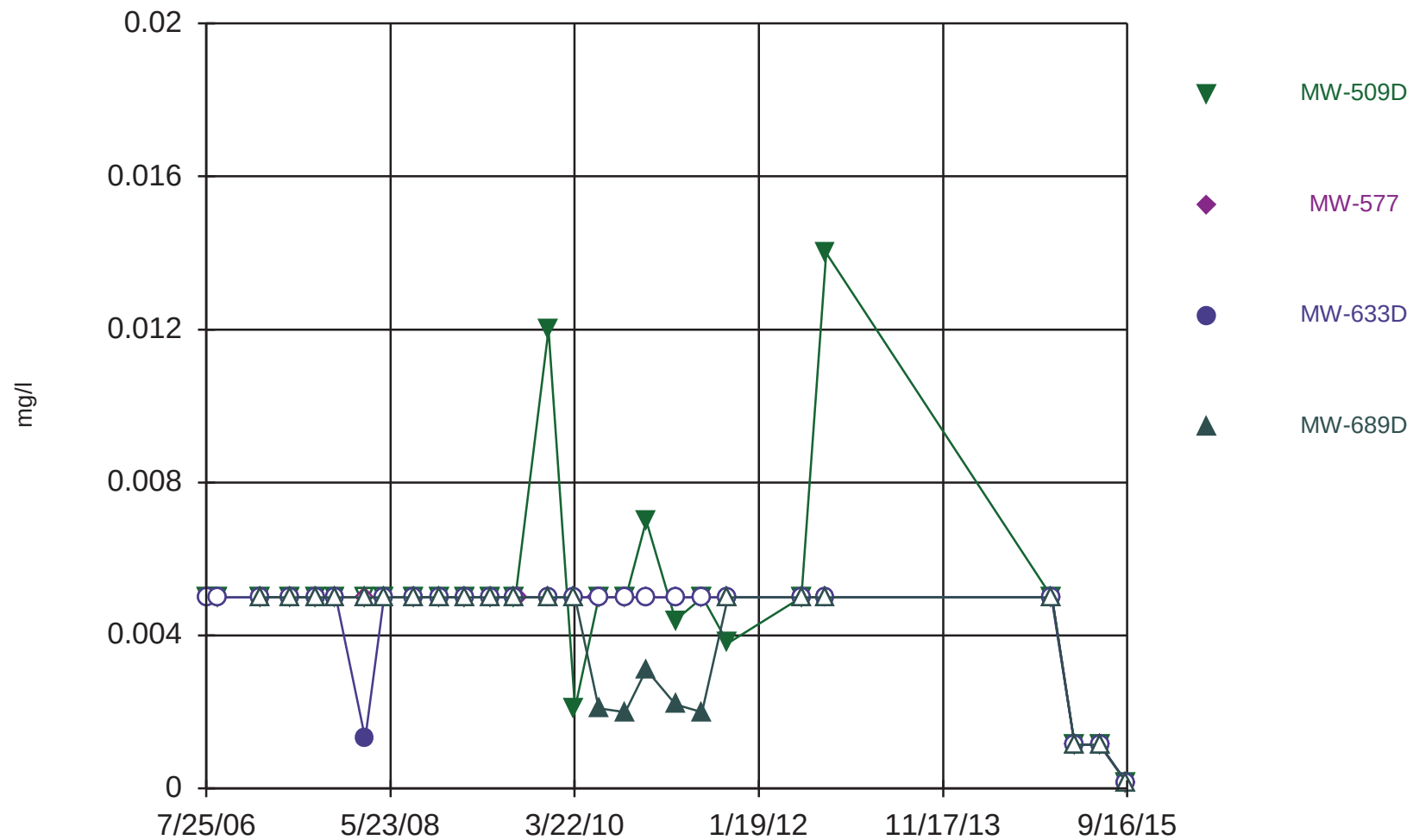
Constituent: Cobalt Analysis Run 10/23/2015 9:18 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015



Constituent: Cobalt Analysis Run 10/23/2015 9:24 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

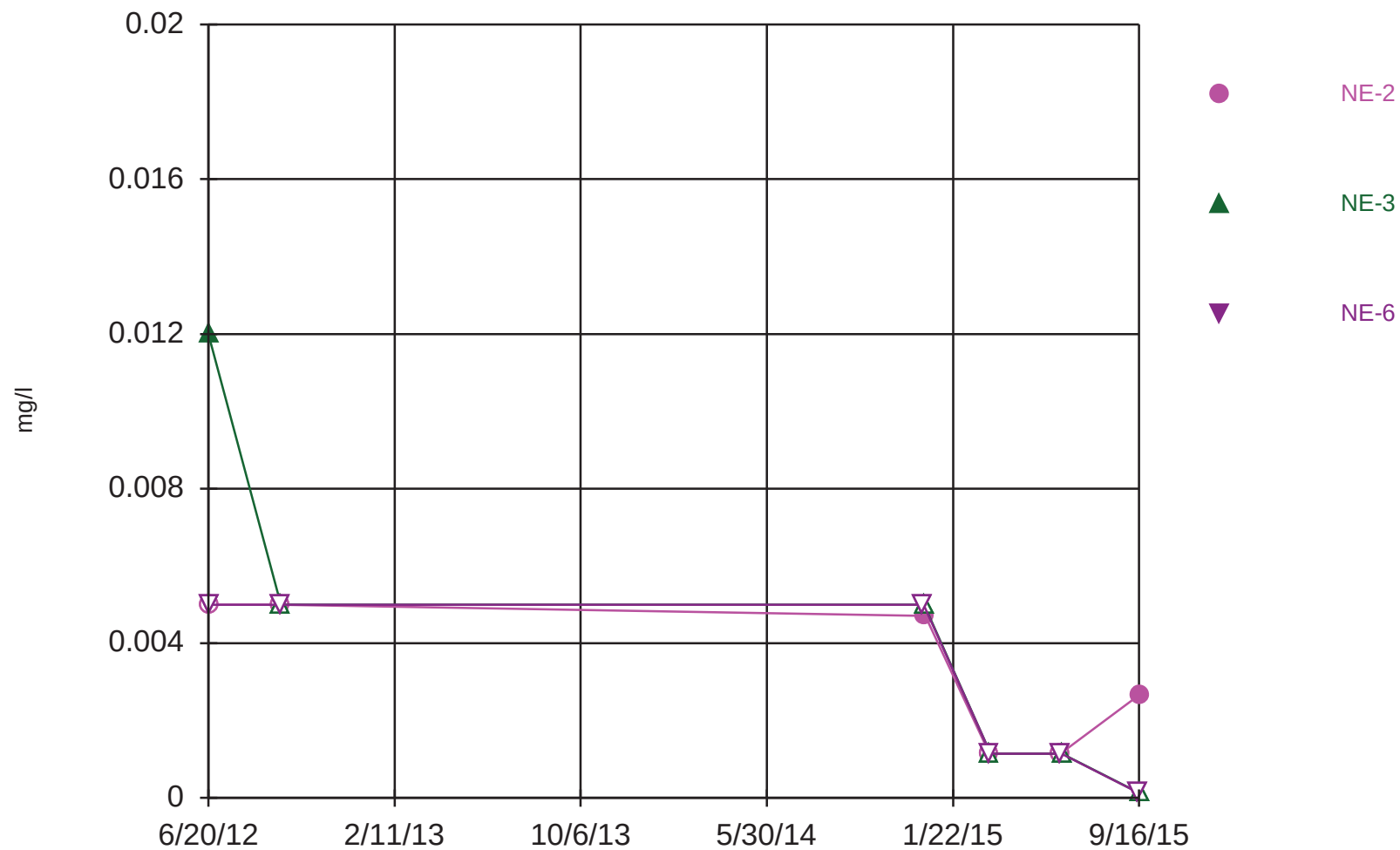
Time Series



Constituent: Cobalt Analysis Run 10/23/2015 9:25 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

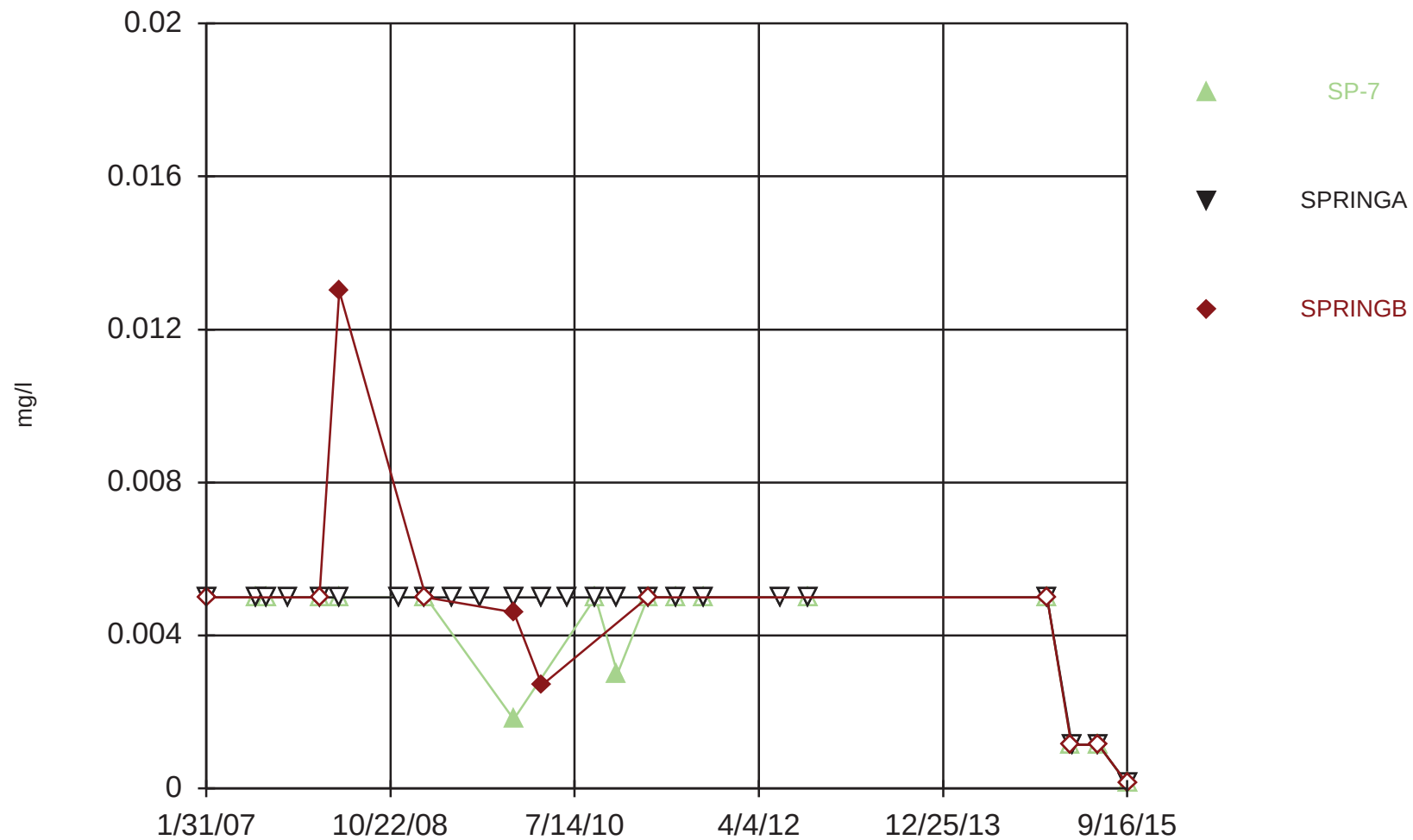
Time Series



Constituent: Cobalt Analysis Run 10/23/2015 9:25 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

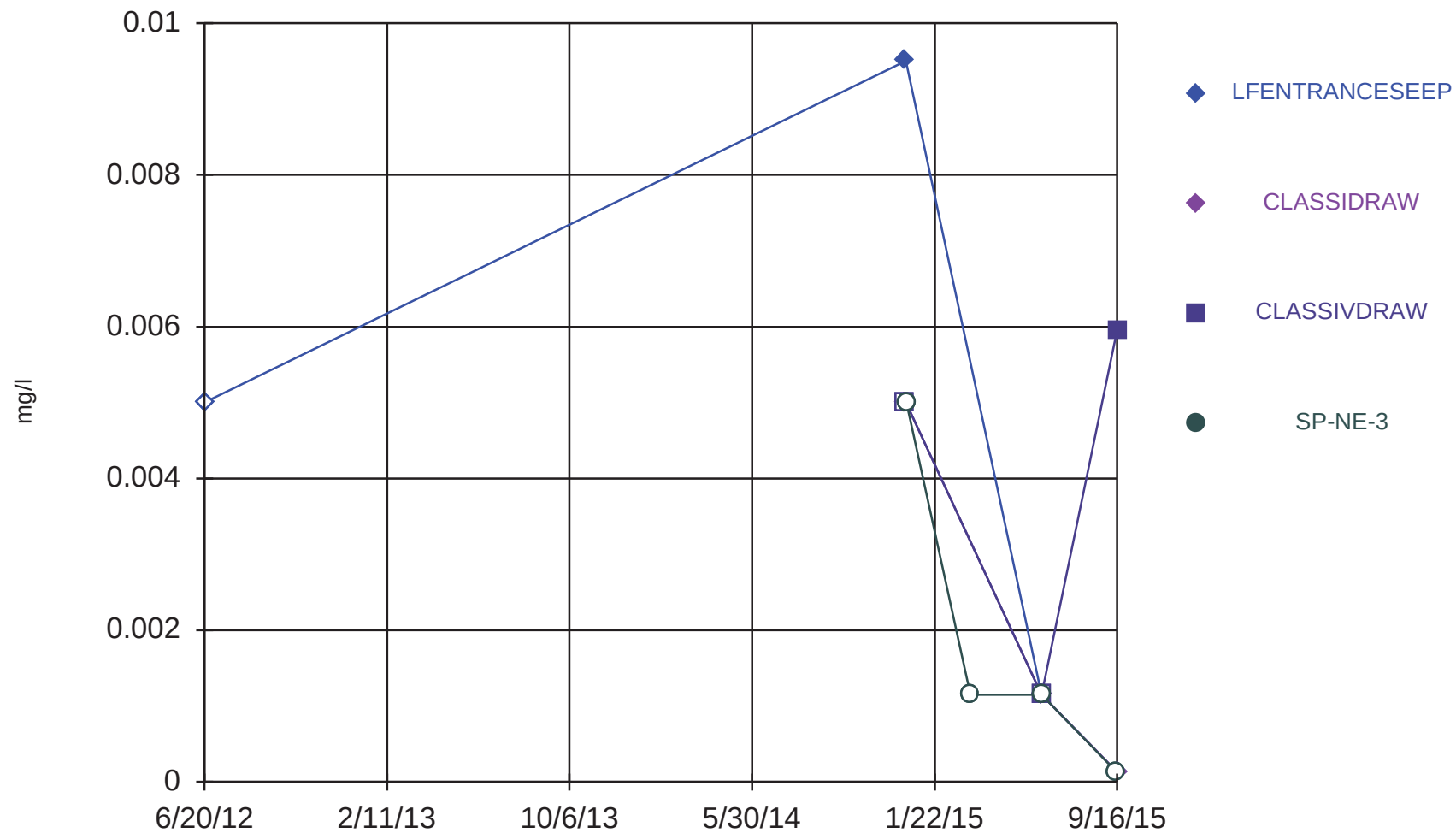
Time Series



Constituent: Cobalt Analysis Run 10/23/2015 9:26 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

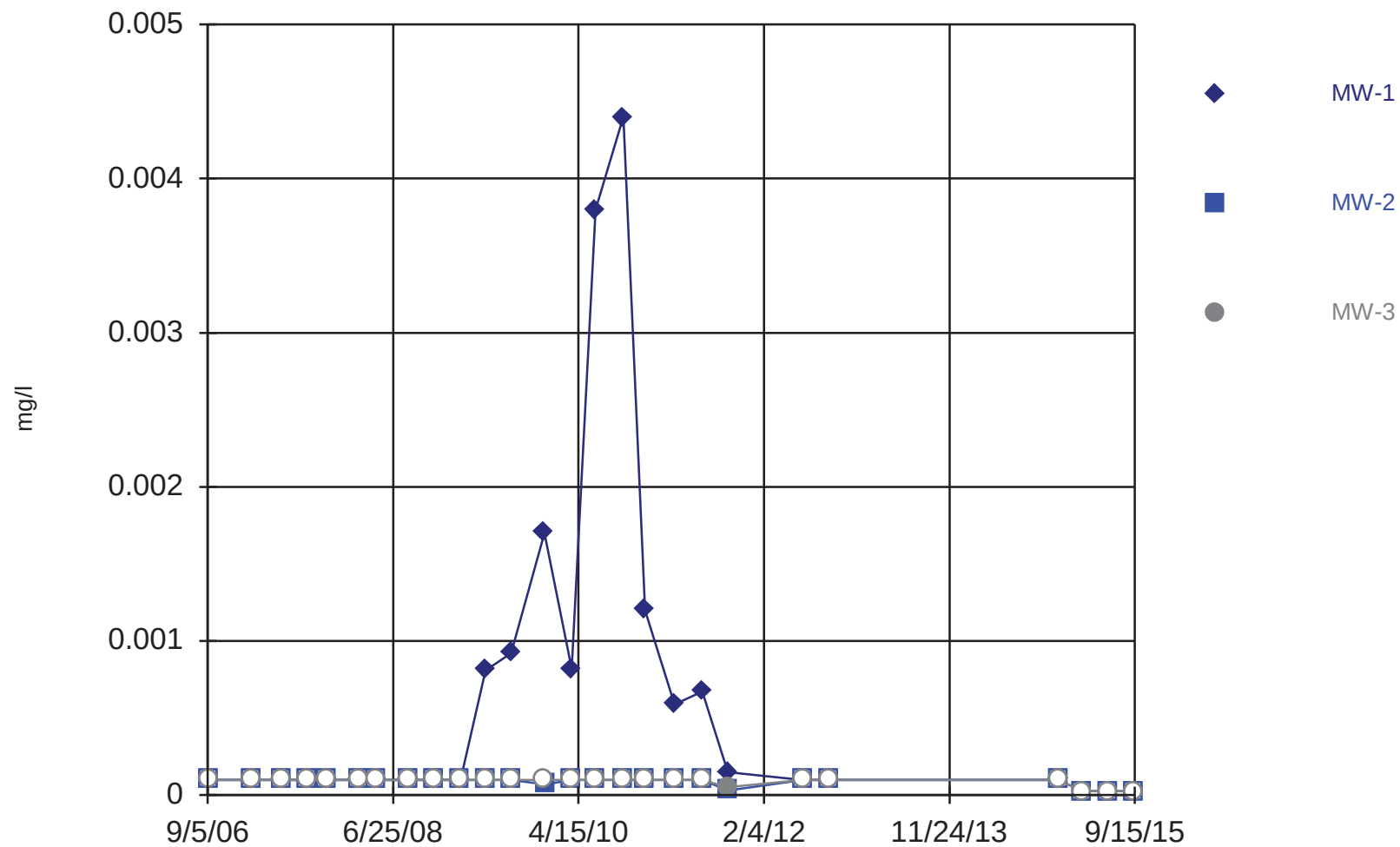
Time Series



Constituent: Cobalt Analysis Run 10/23/2015 9:26 AM

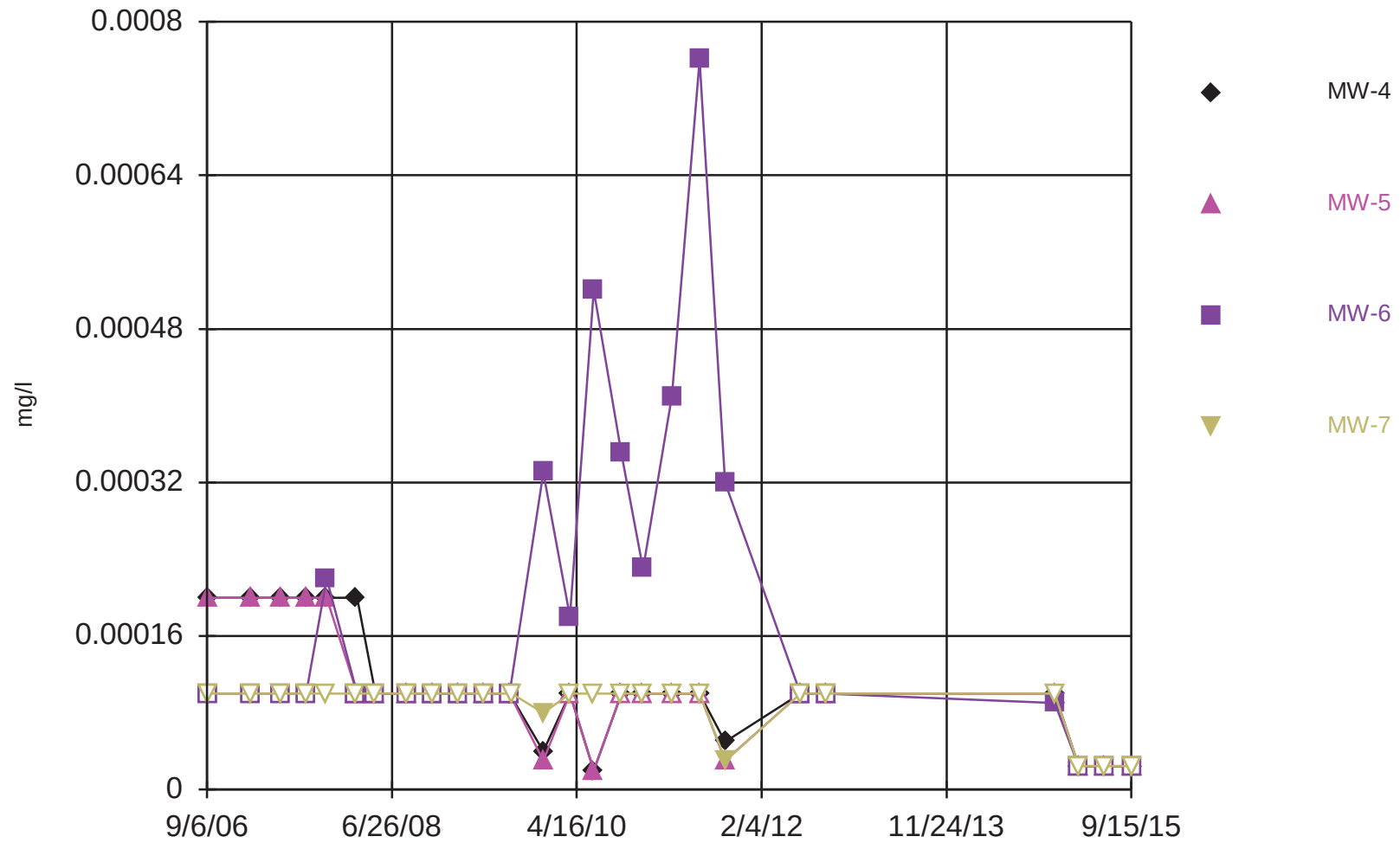
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



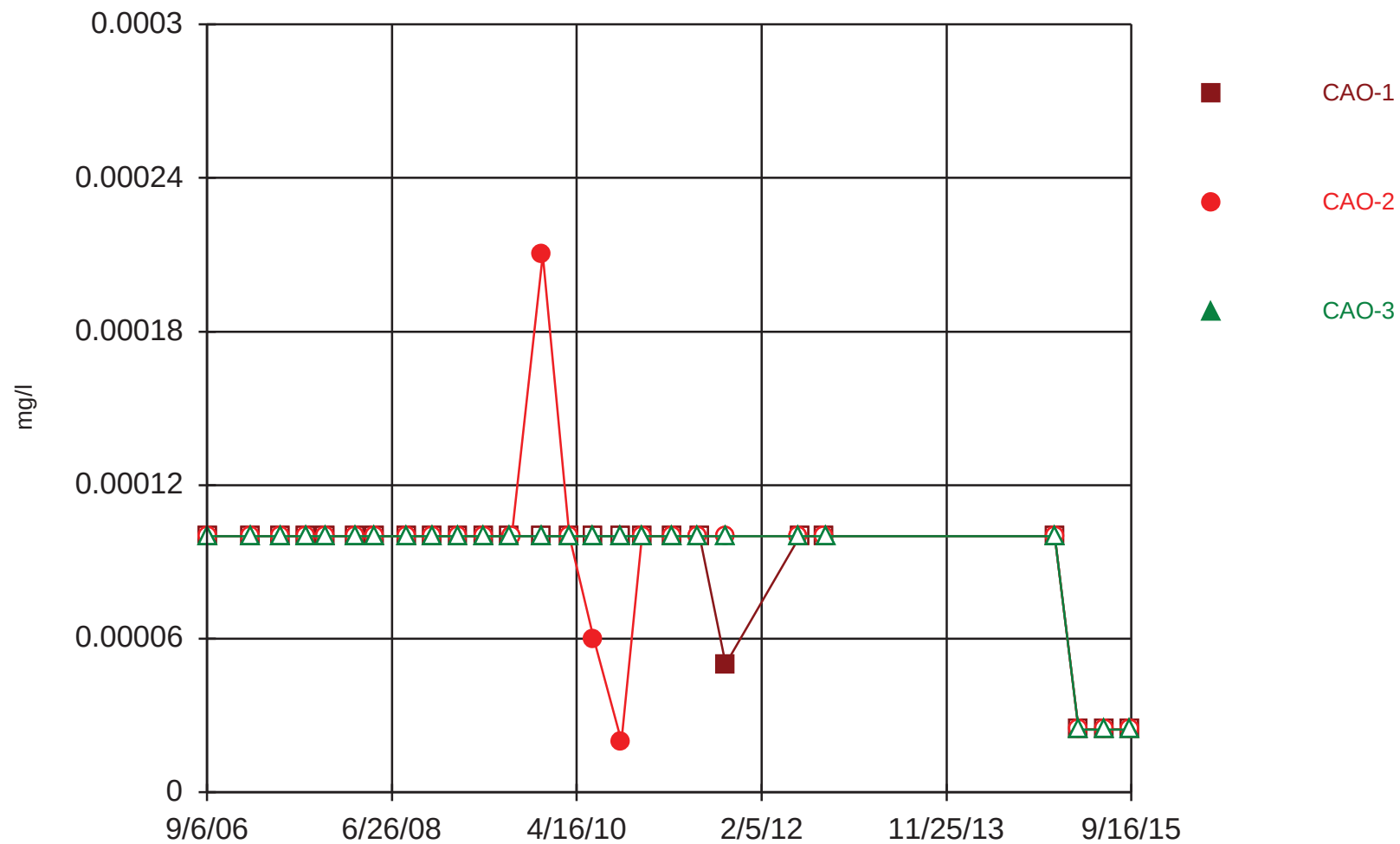
Constituent: Mercury Analysis Run 10/23/2015 9:29 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



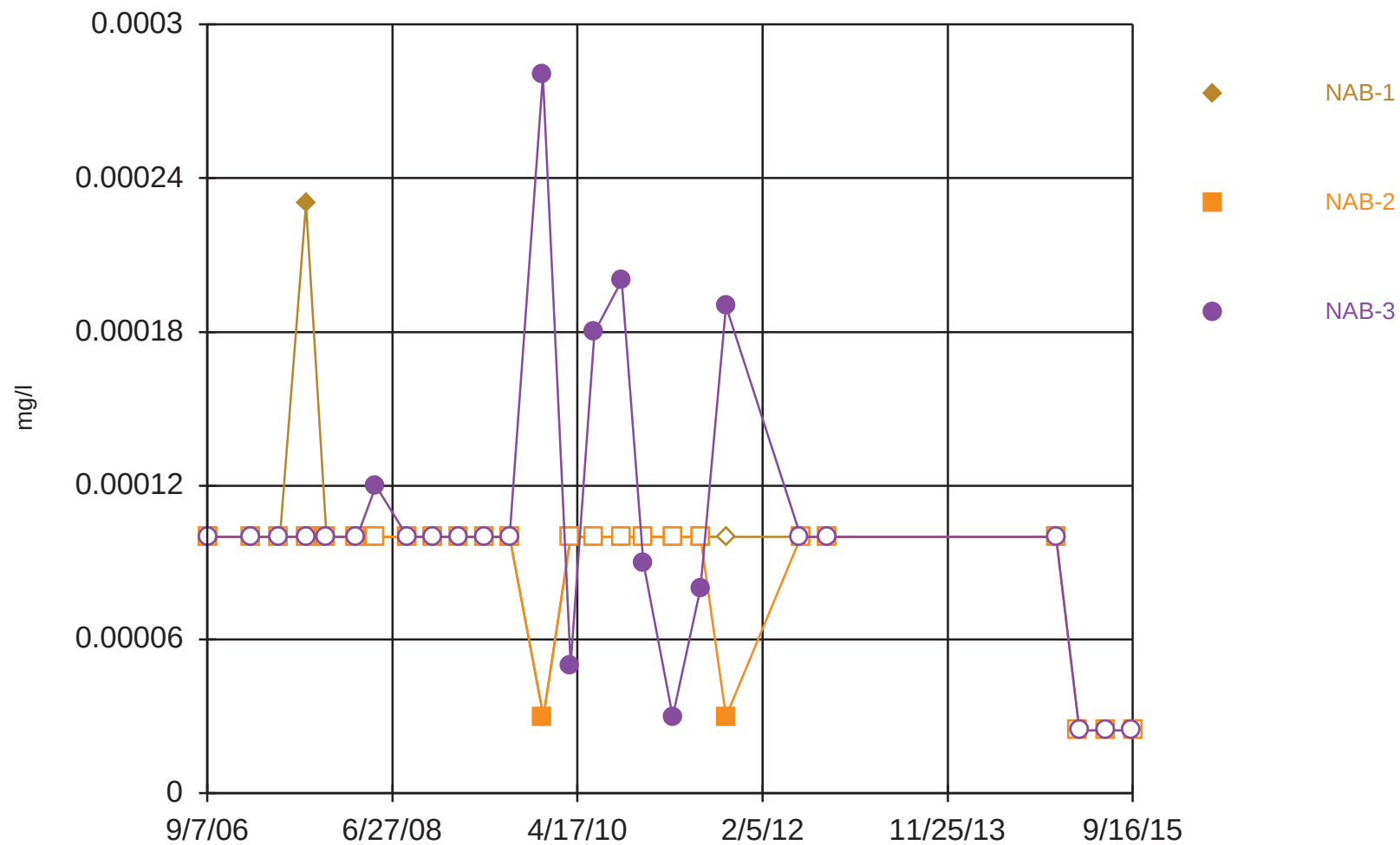
Constituent: Mercury Analysis Run 10/23/2015 9:36 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



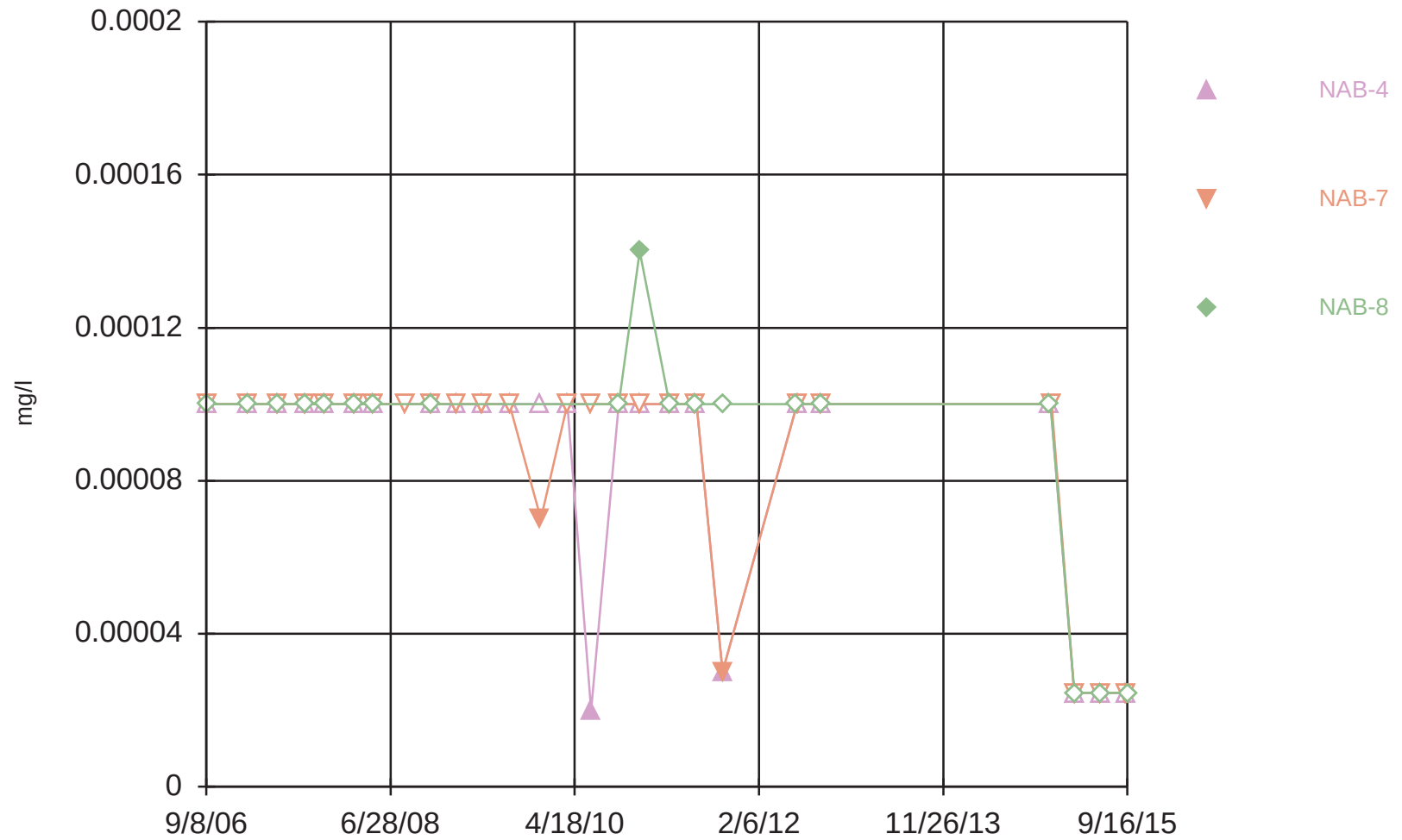
Constituent: Mercury Analysis Run 10/23/2015 9:36 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



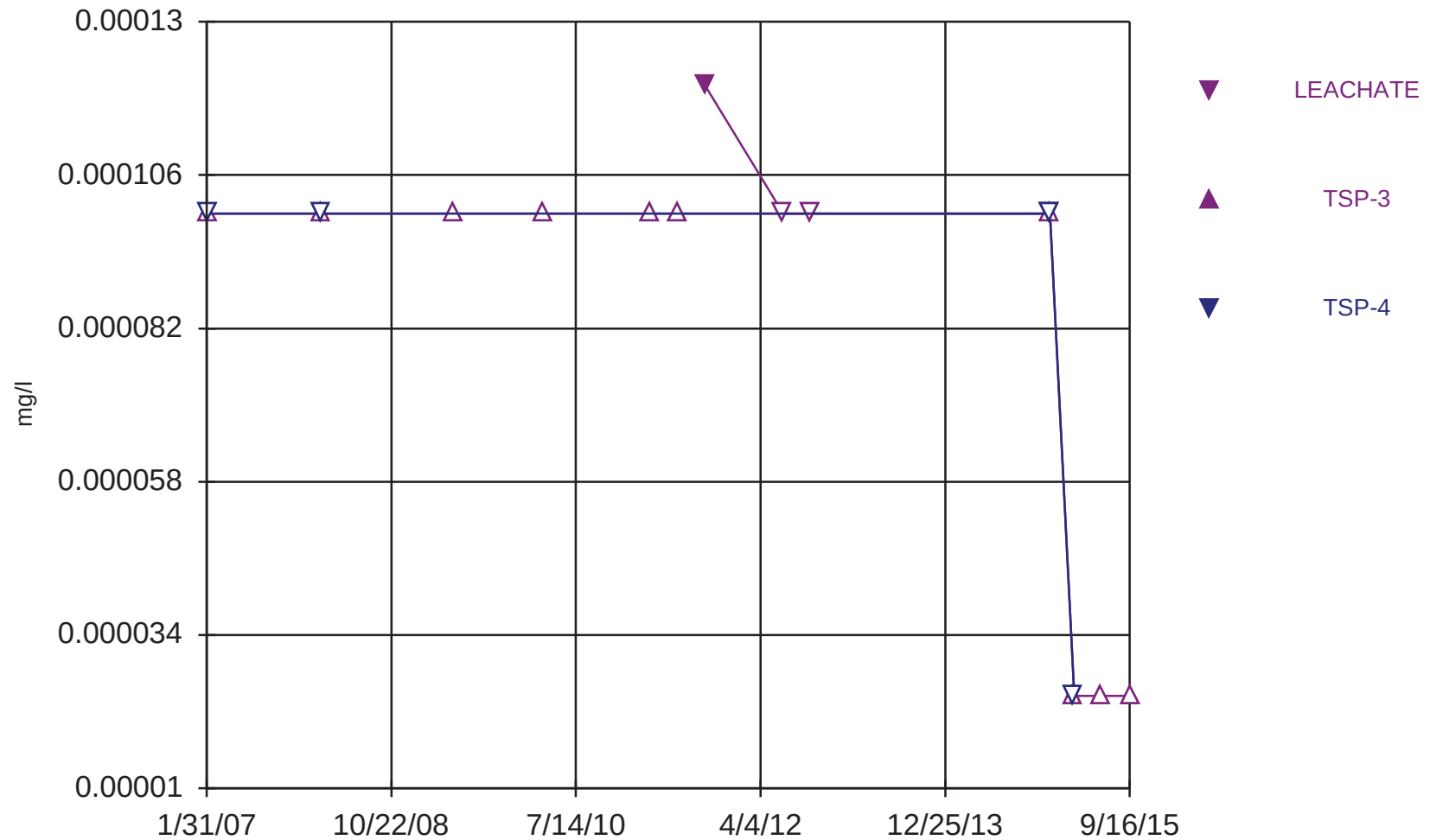
Constituent: Mercury Analysis Run 10/23/2015 9:42 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



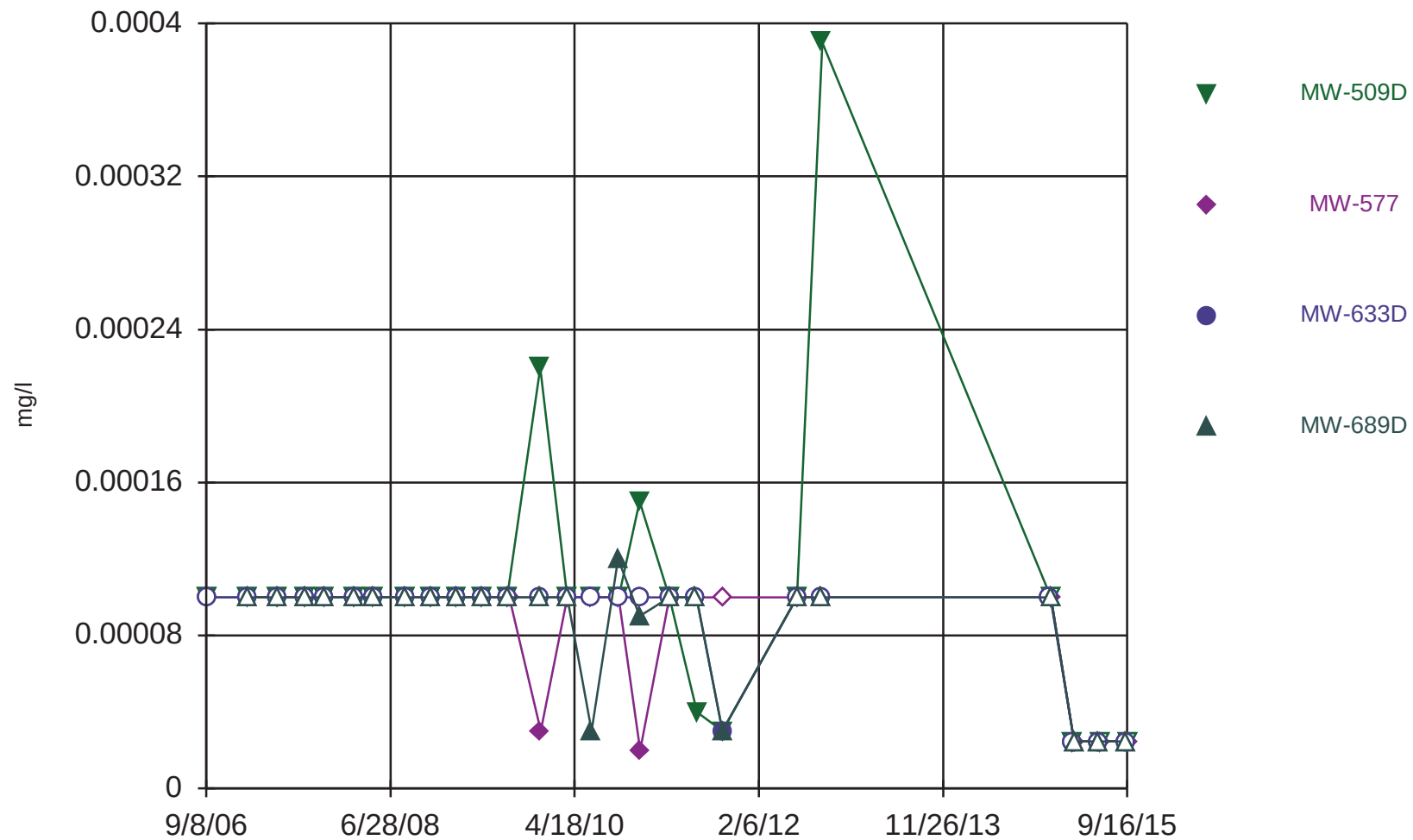
Constituent: Mercury Analysis Run 10/23/2015 9:42 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Mercury Analysis Run 10/23/2015 9:42 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

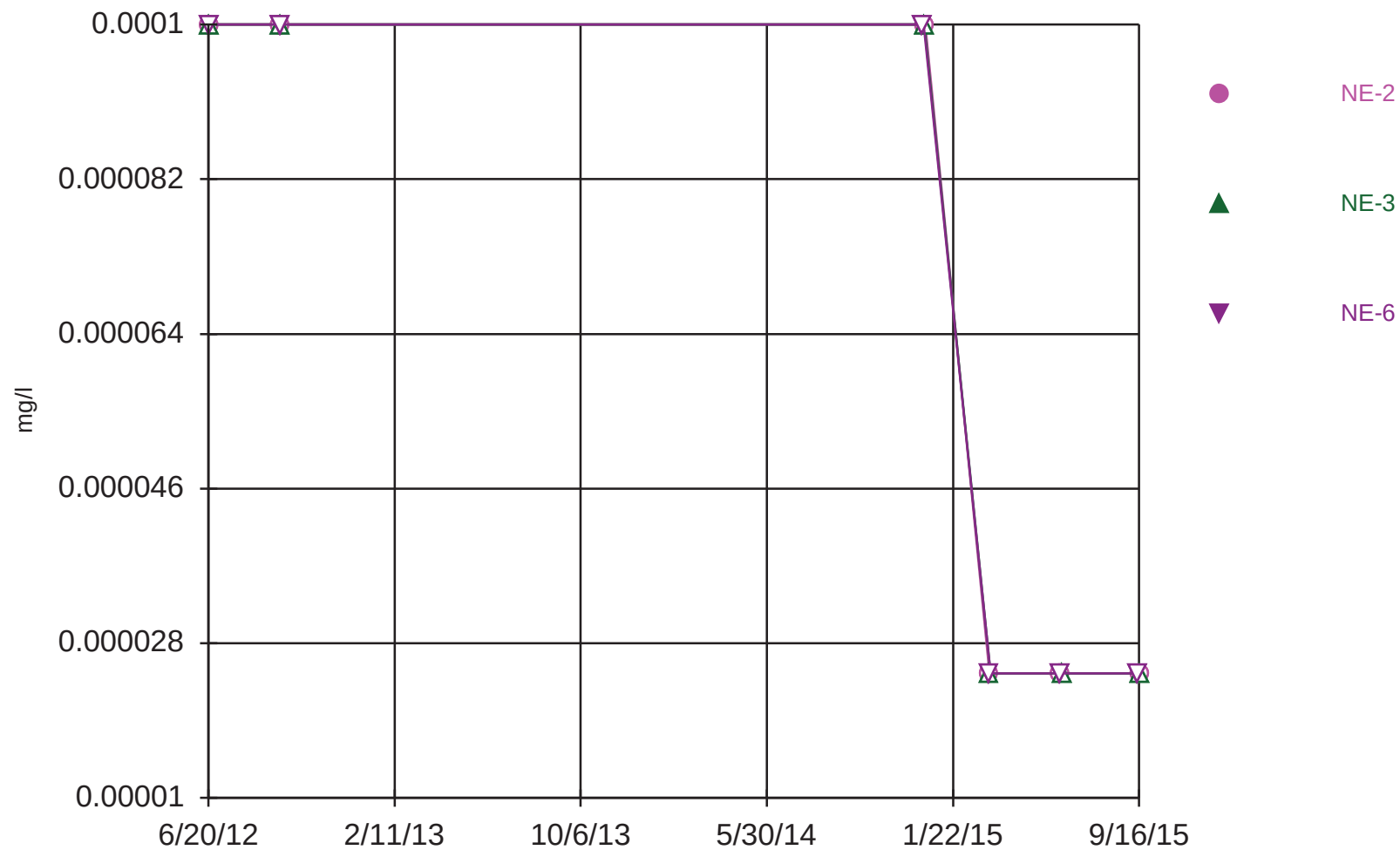
Time Series



Constituent: Mercury Analysis Run 10/23/2015 9:43 AM

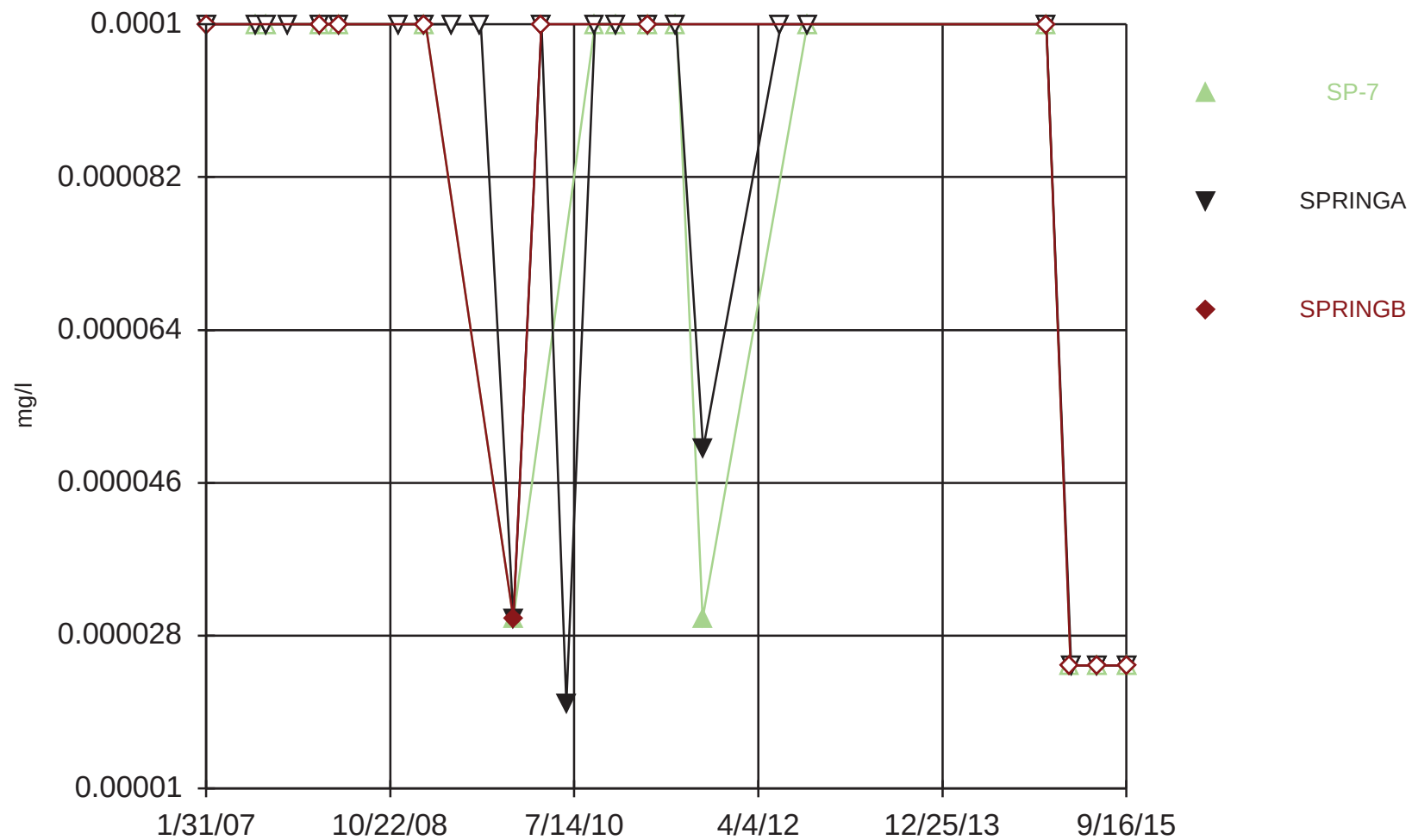
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



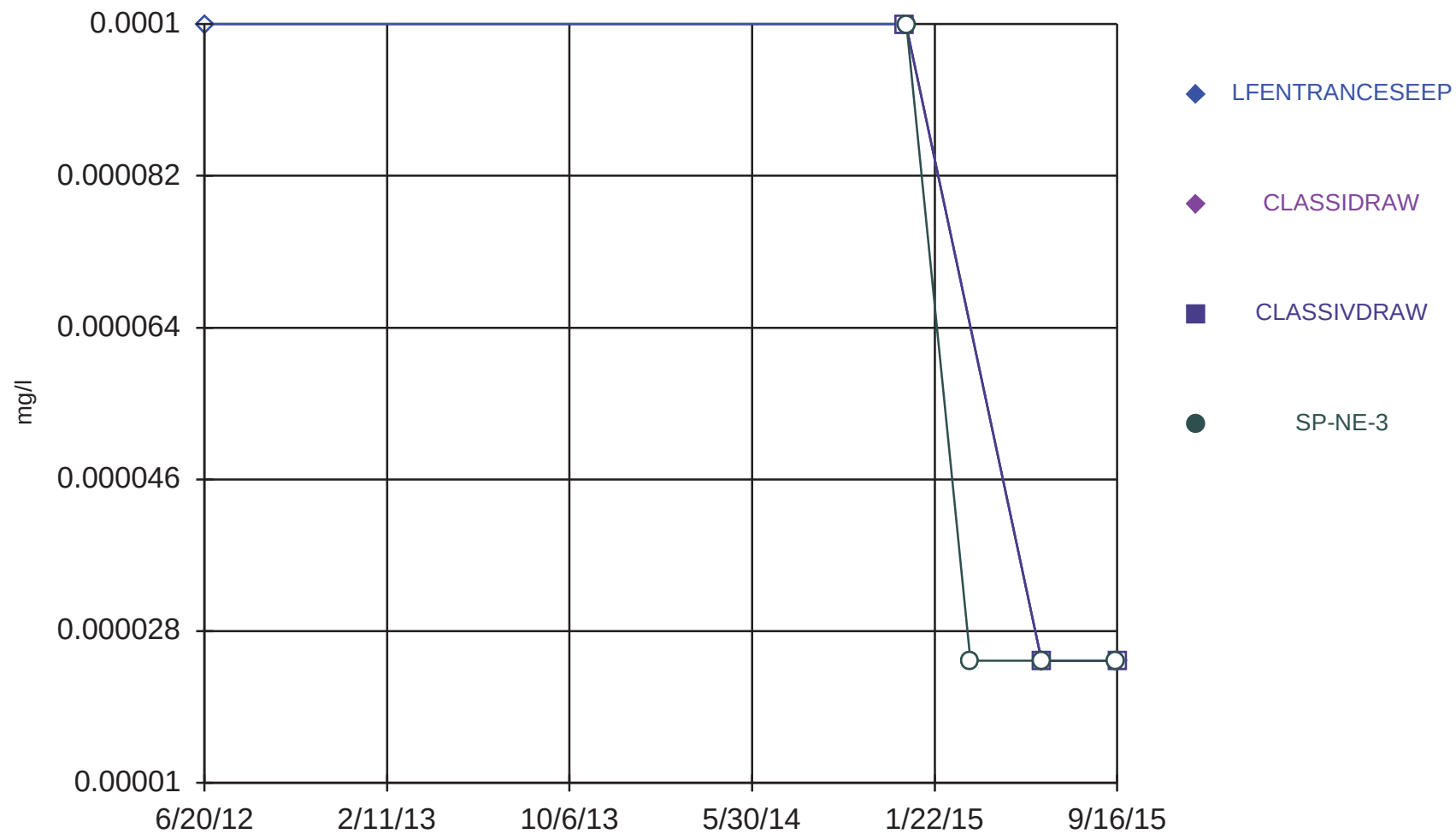
Constituent: Mercury Analysis Run 10/23/2015 9:43 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

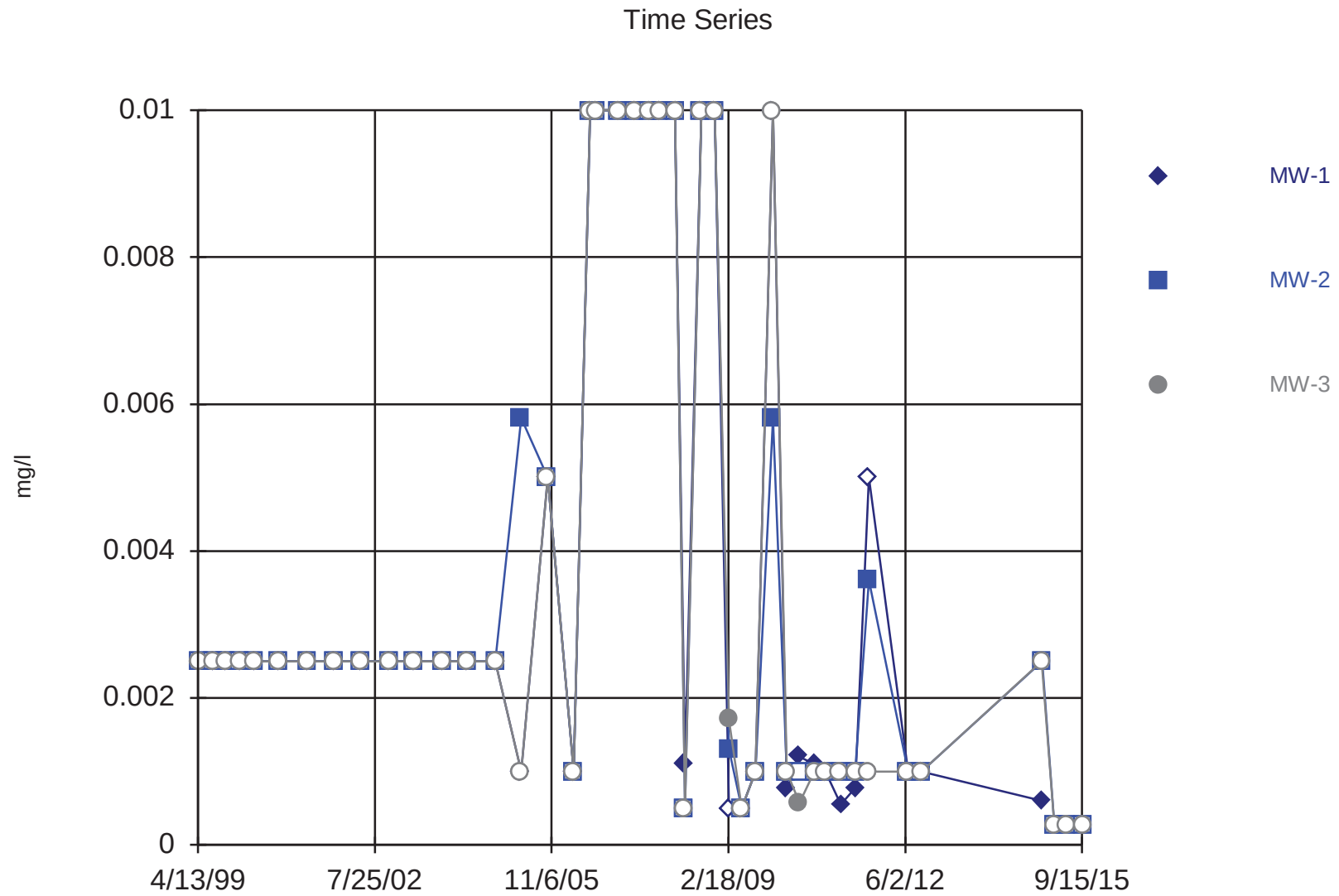


Constituent: Mercury Analysis Run 10/23/2015 9:43 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

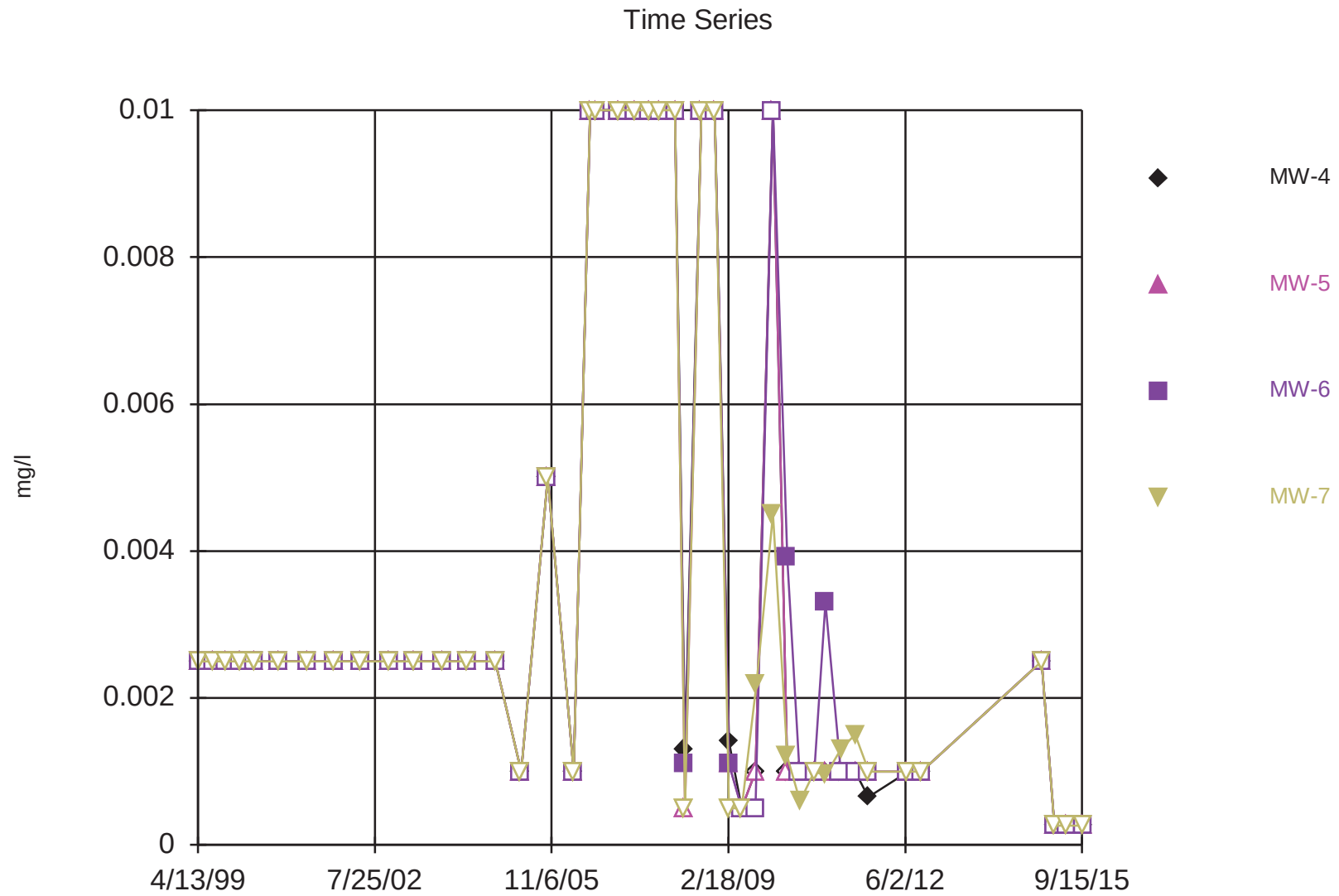
Time Series



Constituent: Mercury Analysis Run 10/23/2015 9:44 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015



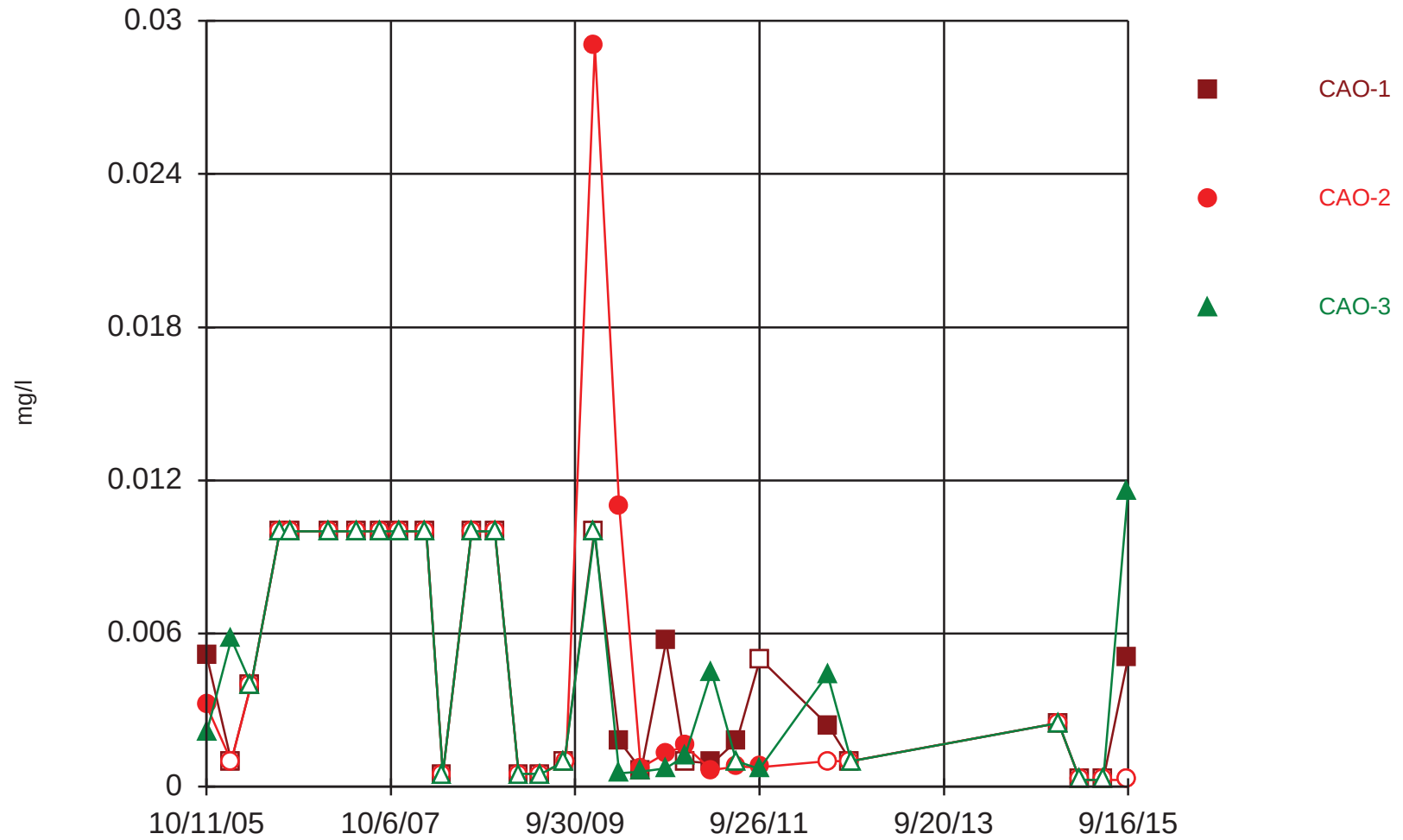
Constituent: Copper Analysis Run 10/23/2015 9:44 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015



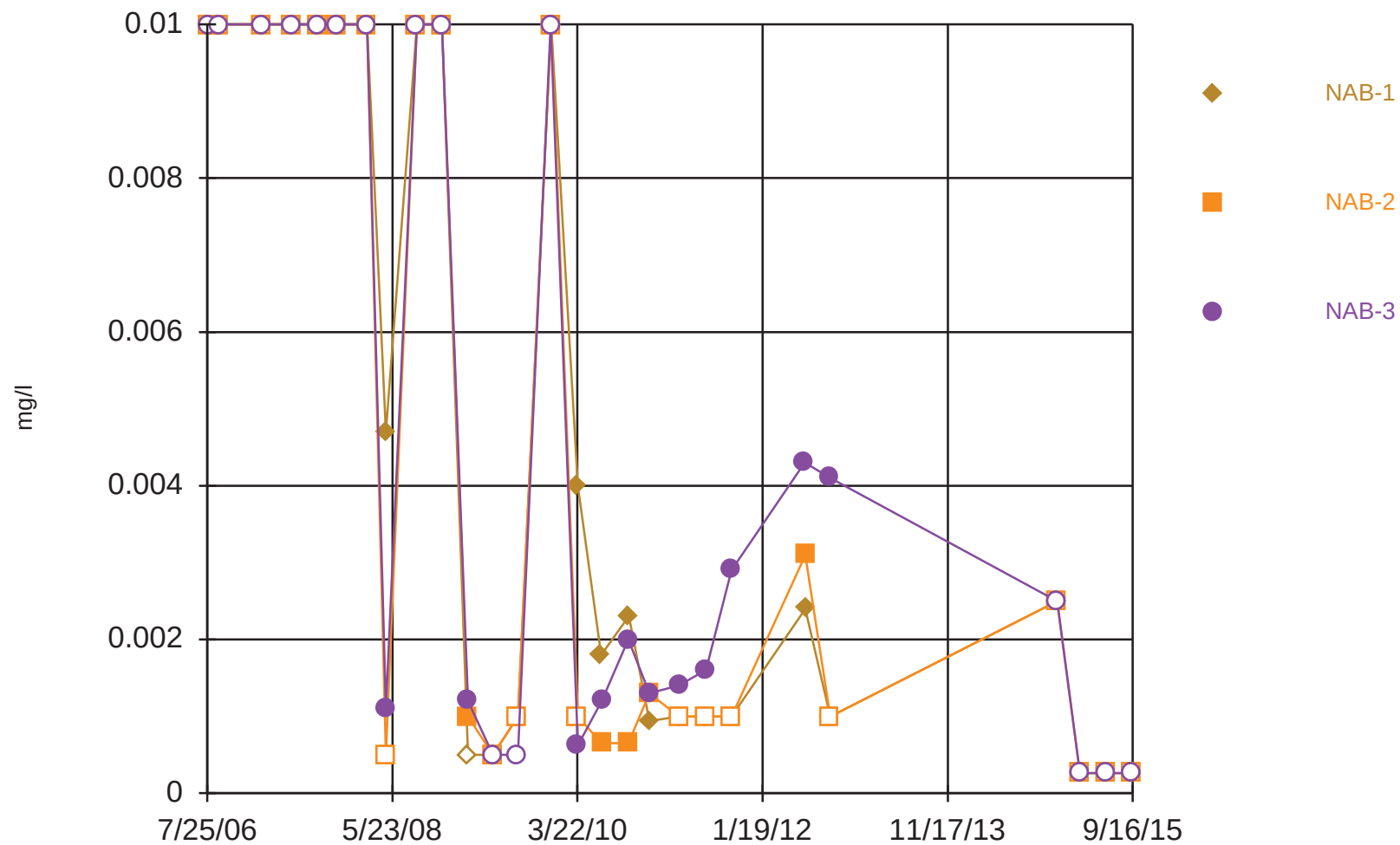
Constituent: Copper Analysis Run 10/23/2015 9:45 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



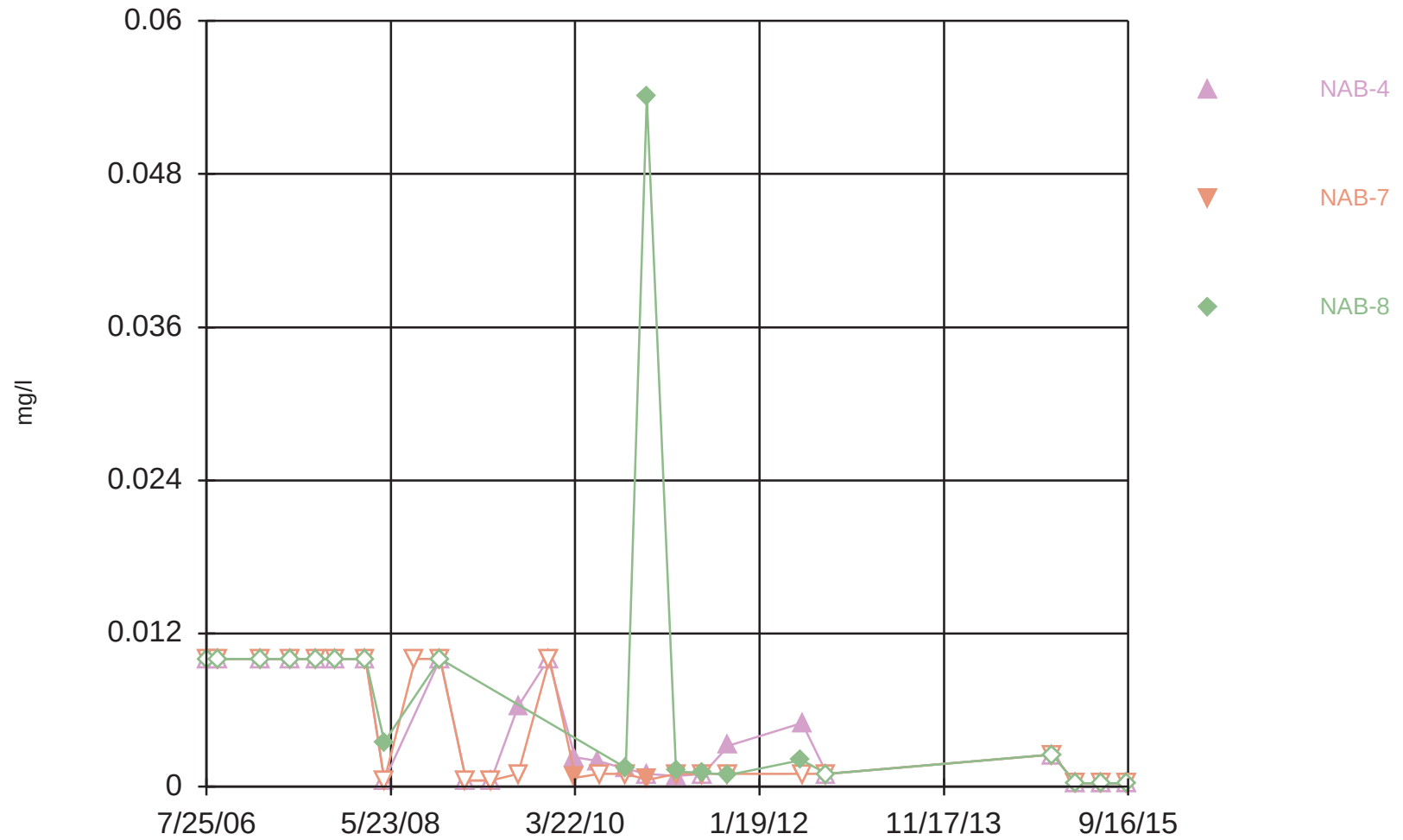
Time Series



Constituent: Copper Analysis Run 10/23/2015 9:45 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

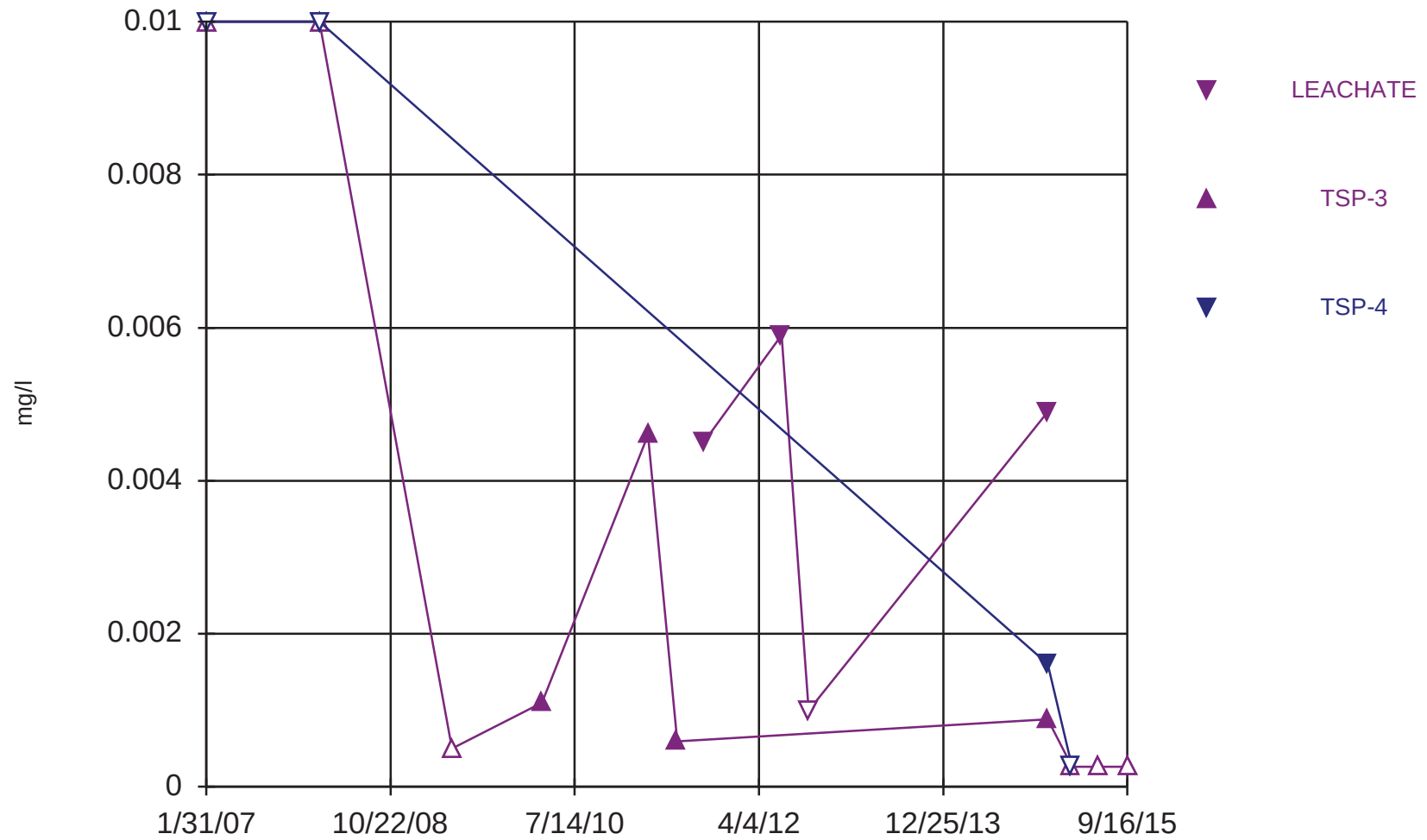
Time Series



Constituent: Copper Analysis Run 10/23/2015 9:46 AM

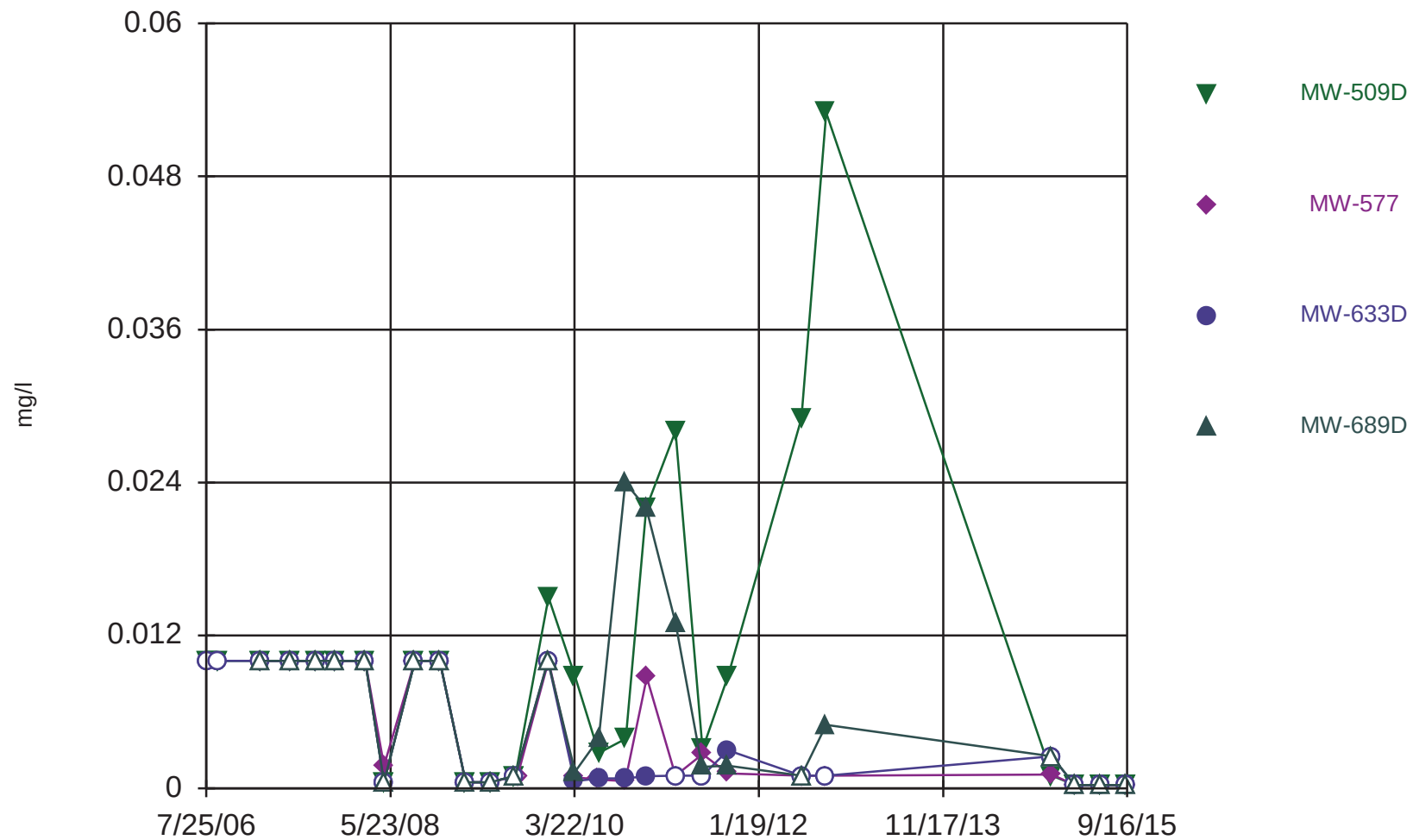
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Copper Analysis Run 10/23/2015 9:46 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

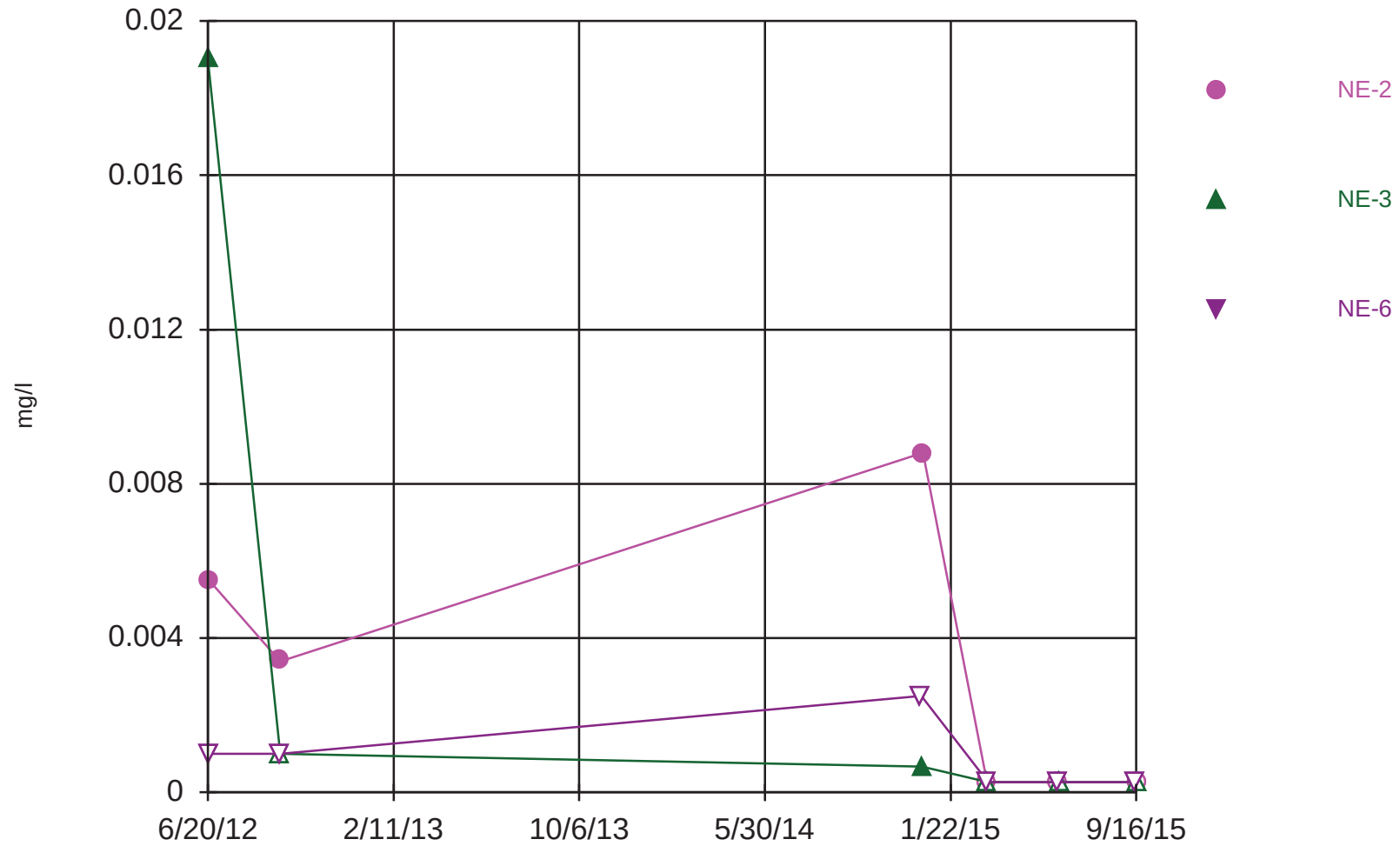
Time Series



Constituent: Copper Analysis Run 10/23/2015 9:46 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

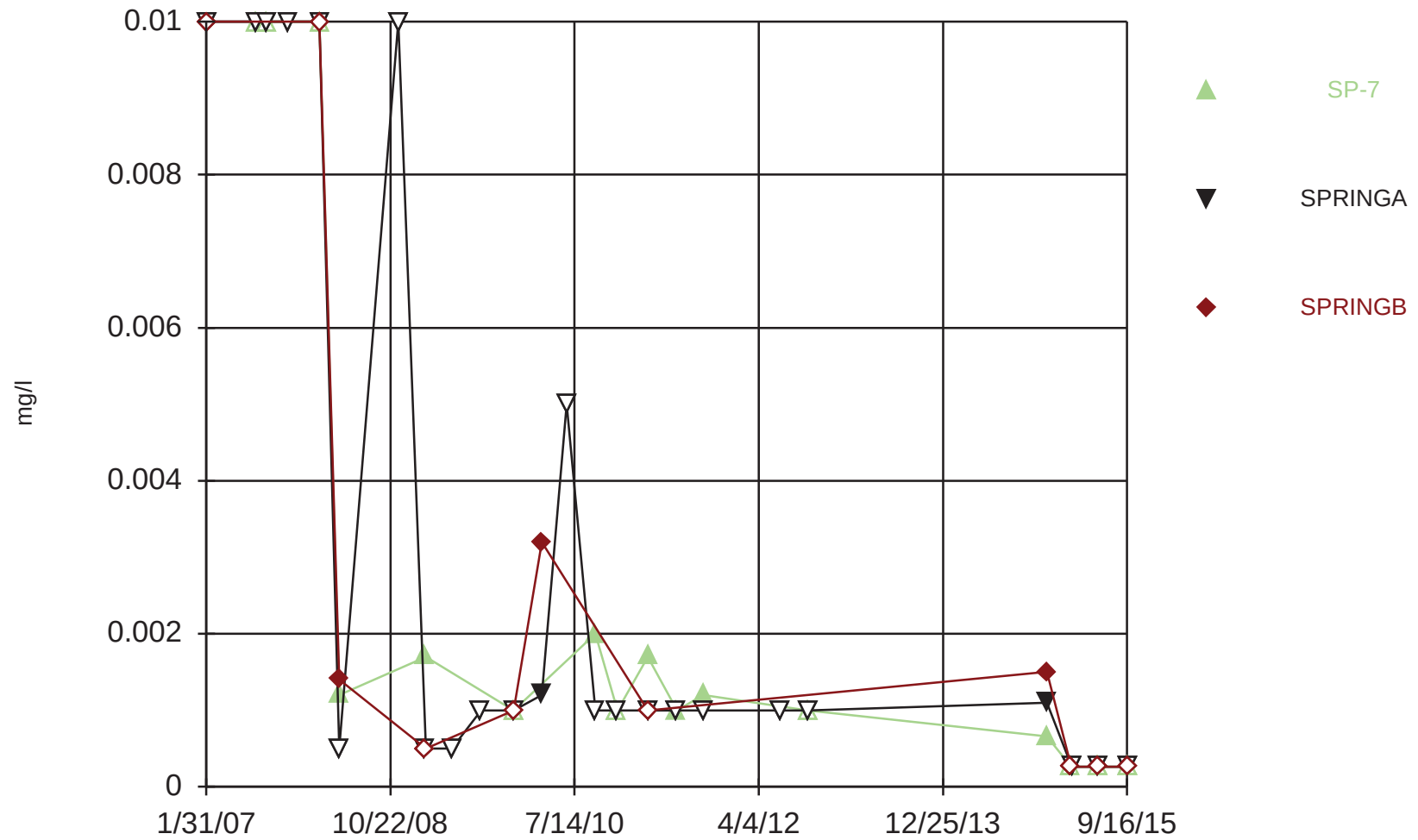
Time Series



Constituent: Copper Analysis Run 10/23/2015 9:47 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

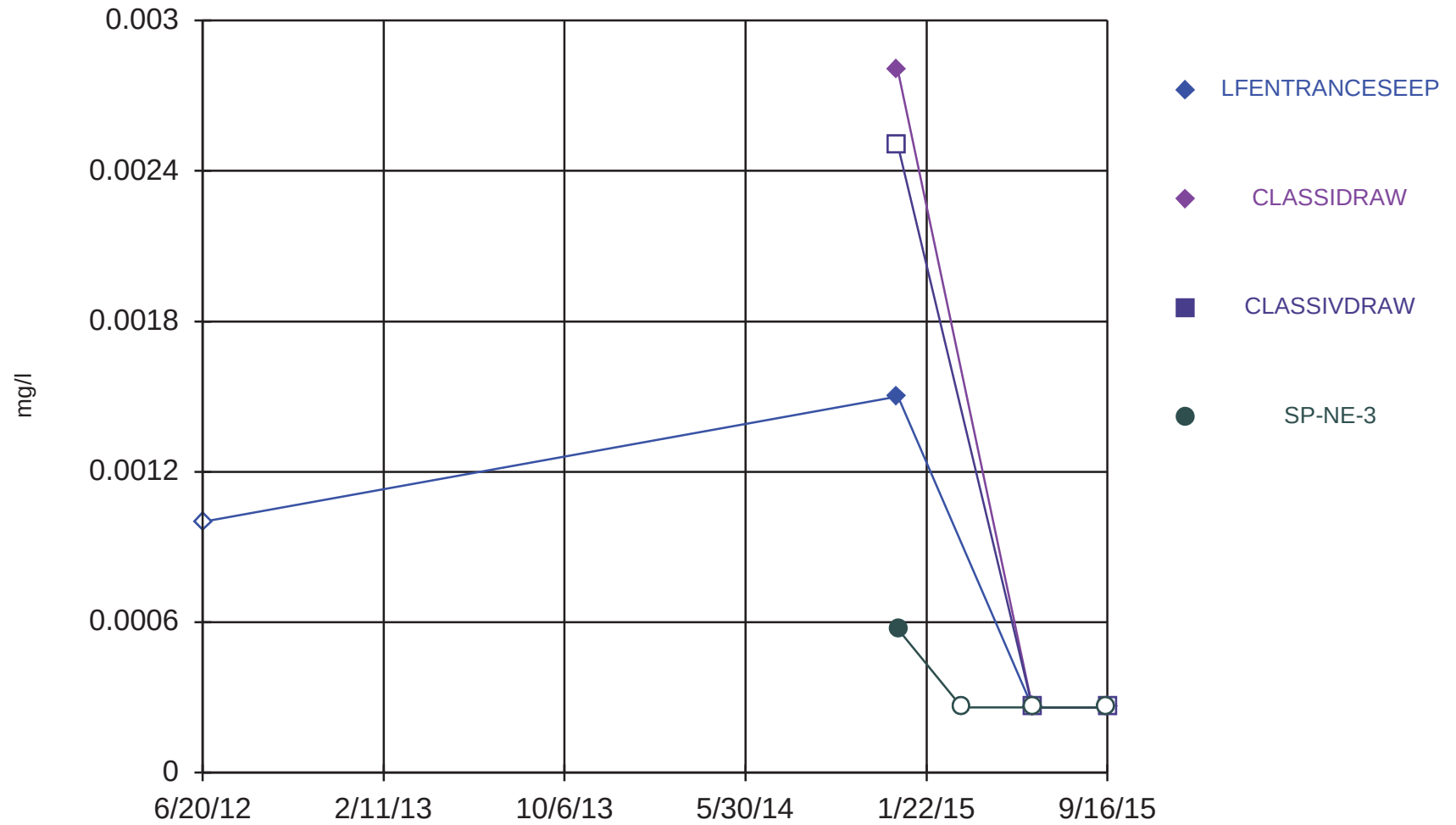
Time Series



Constituent: Copper Analysis Run 10/23/2015 9:47 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

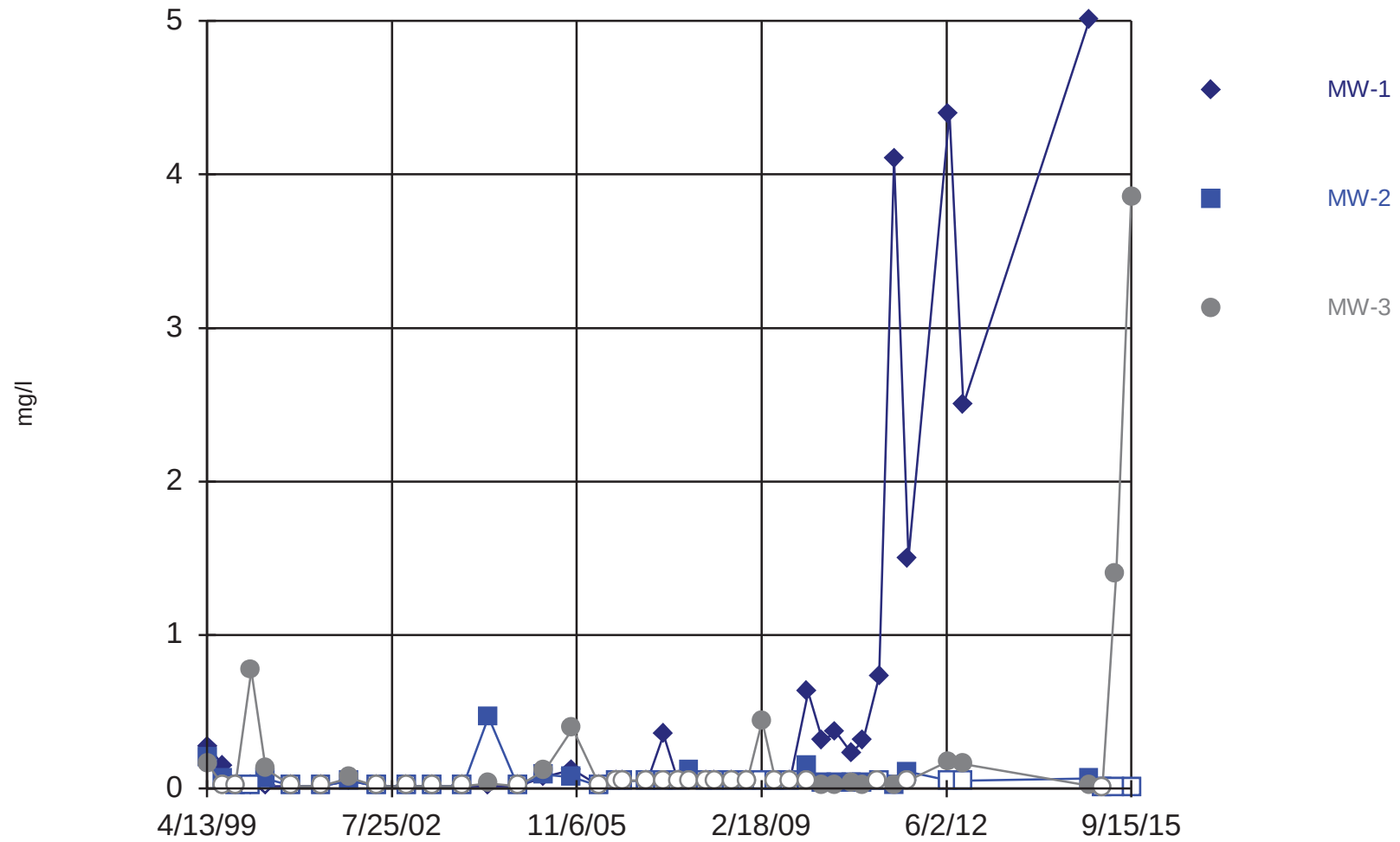
Time Series



Constituent: Copper Analysis Run 10/23/2015 9:47 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

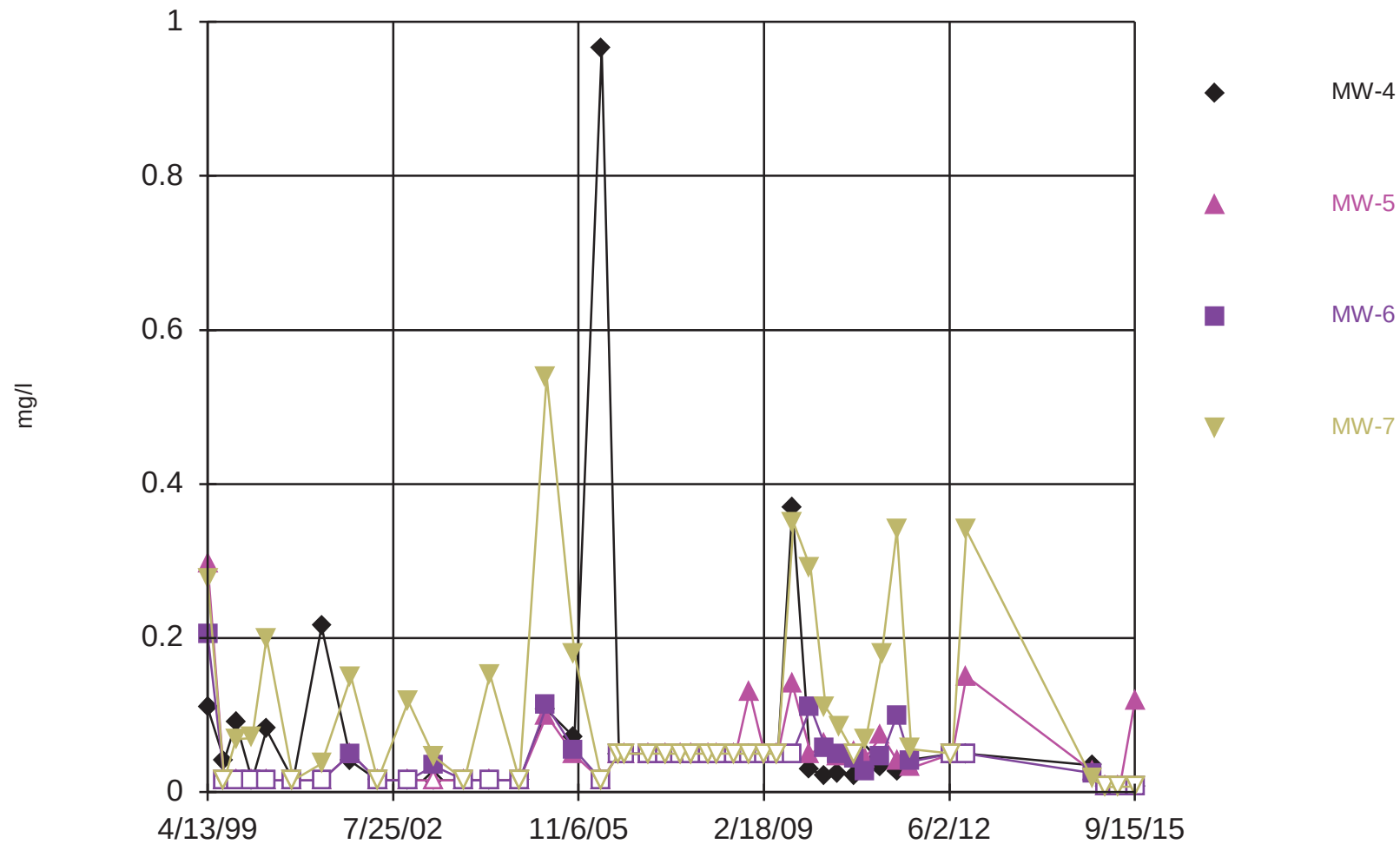
Time Series



Constituent: Iron Analysis Run 10/23/2015 10:20 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

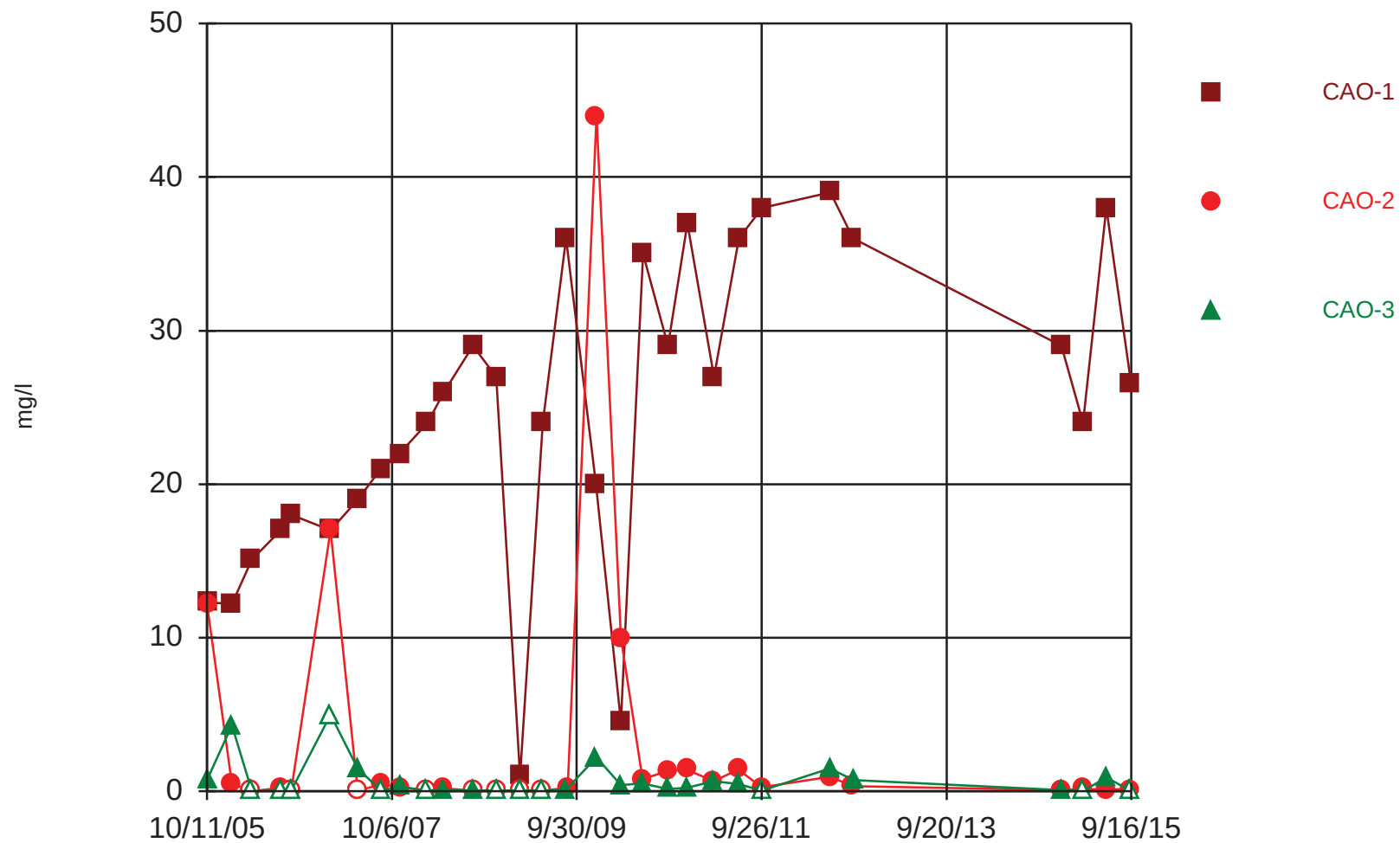
Time Series



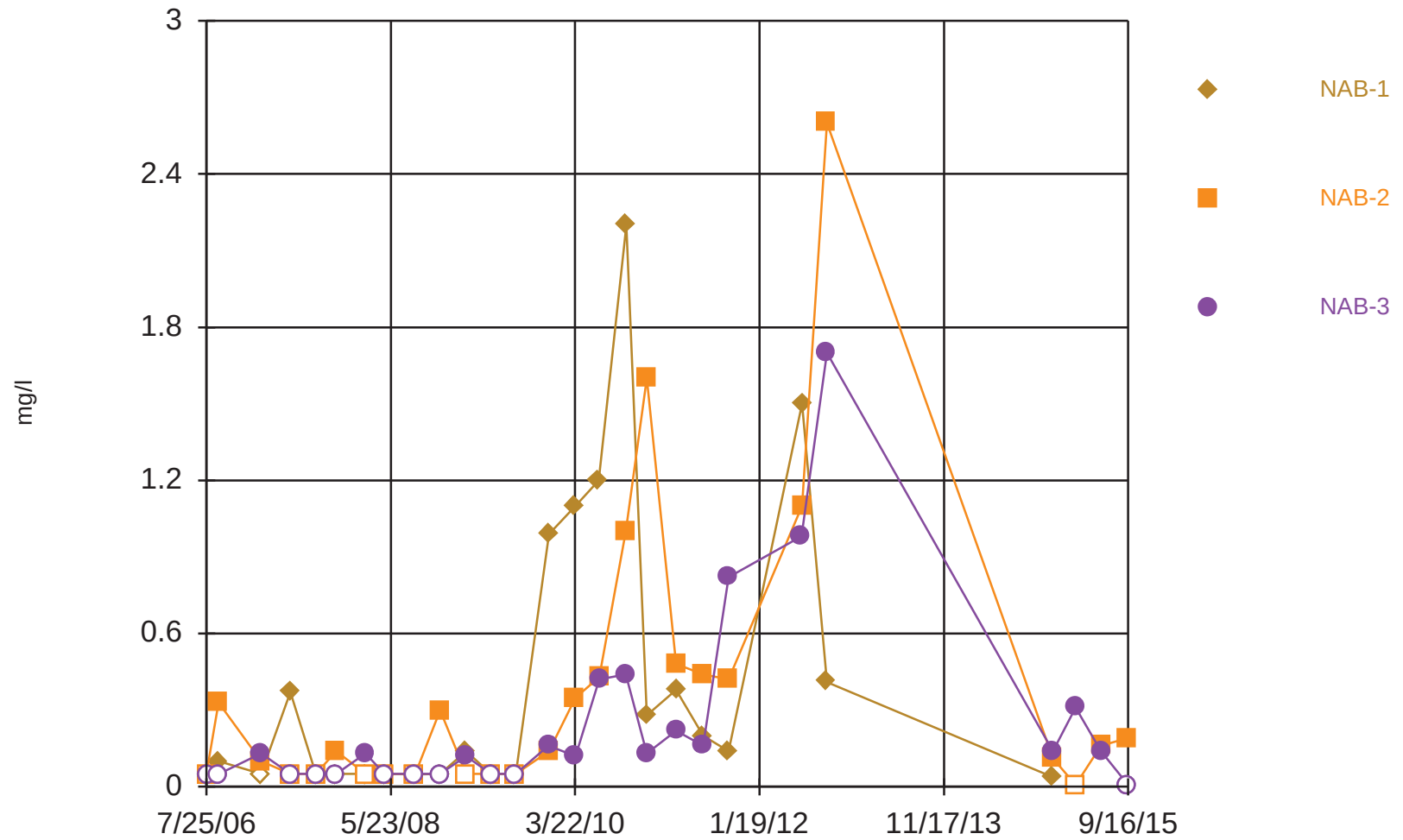
Constituent: Iron Analysis Run 10/23/2015 10:23 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

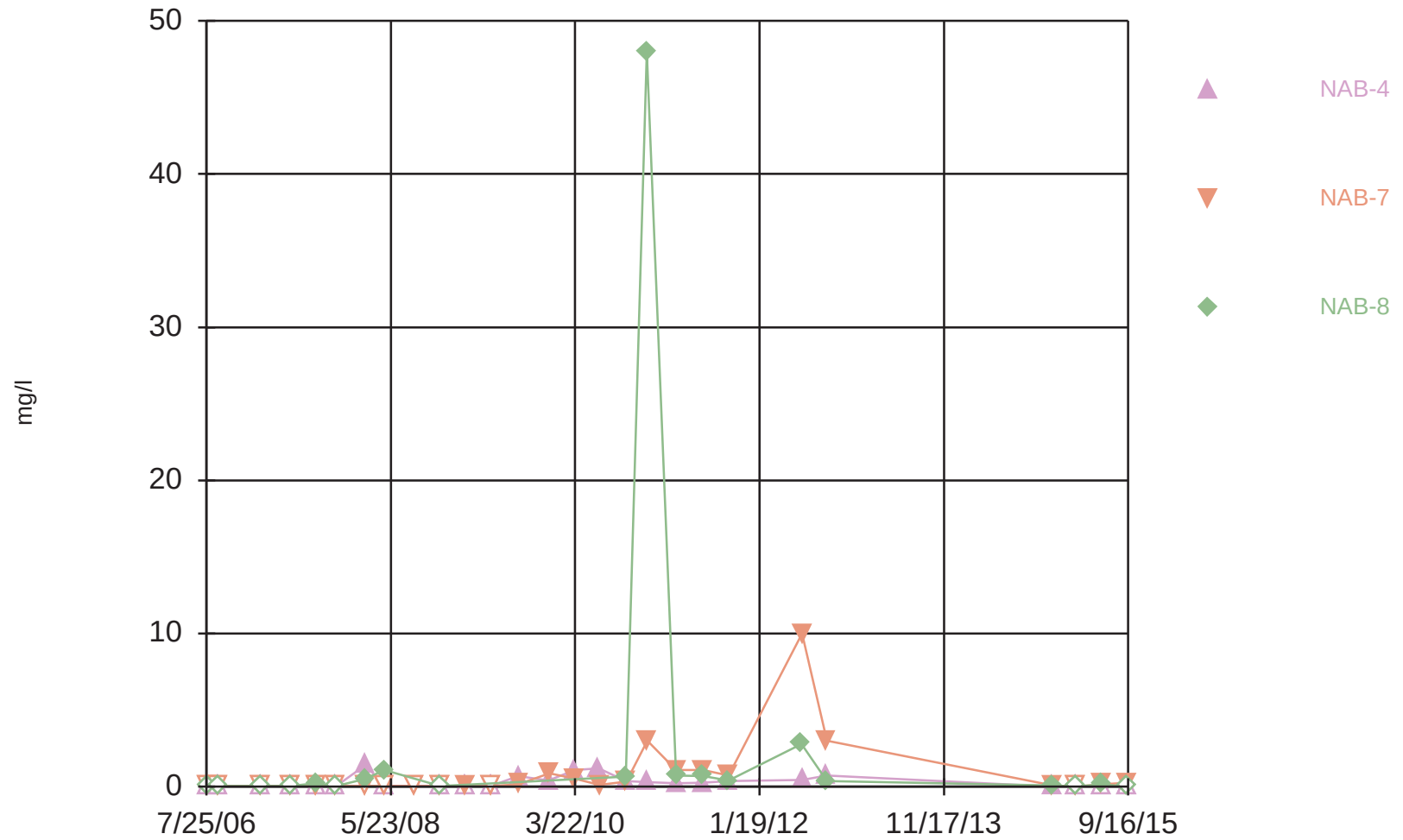
Time Series



Time Series



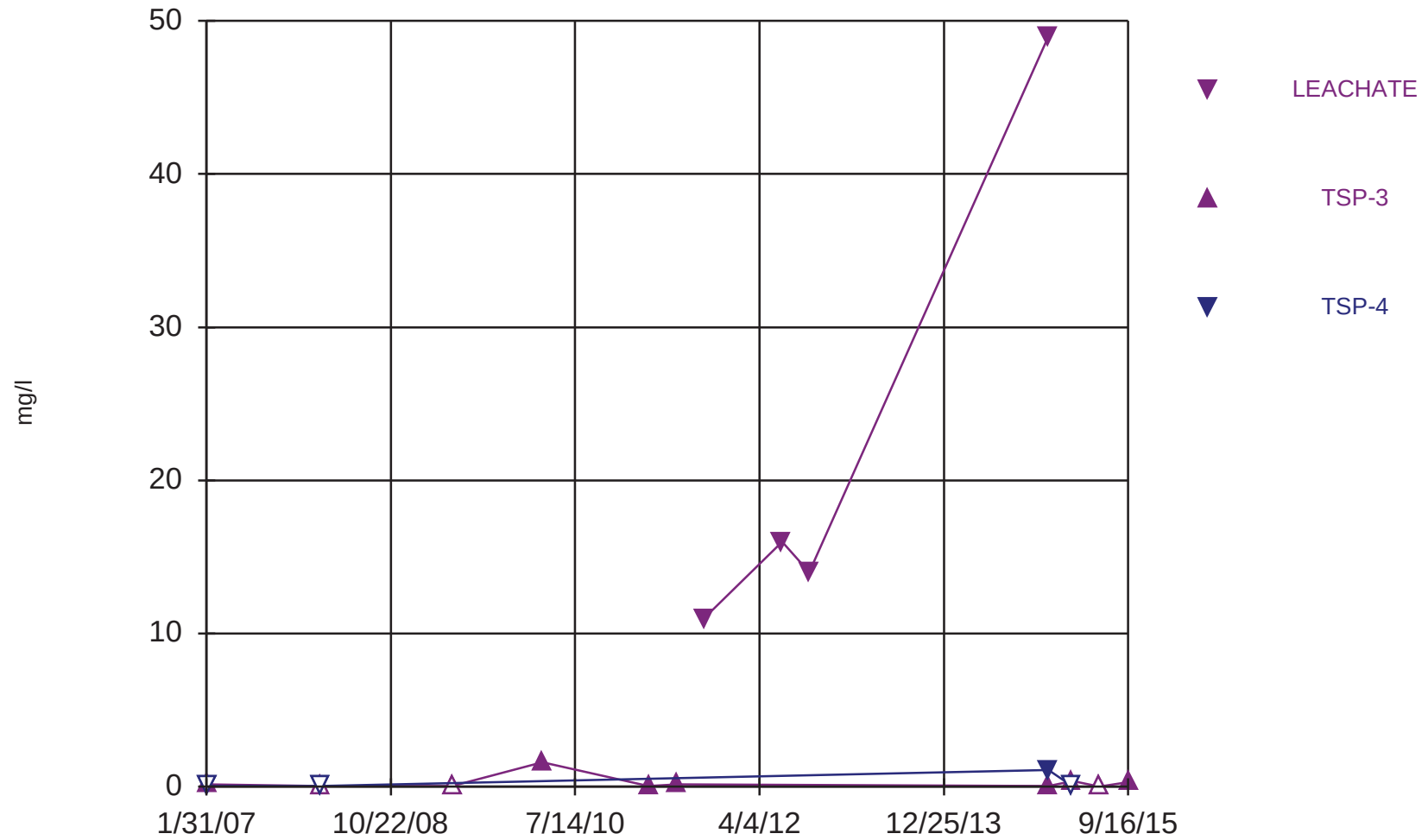
Time Series



Constituent: Iron Analysis Run 10/23/2015 10:35 AM

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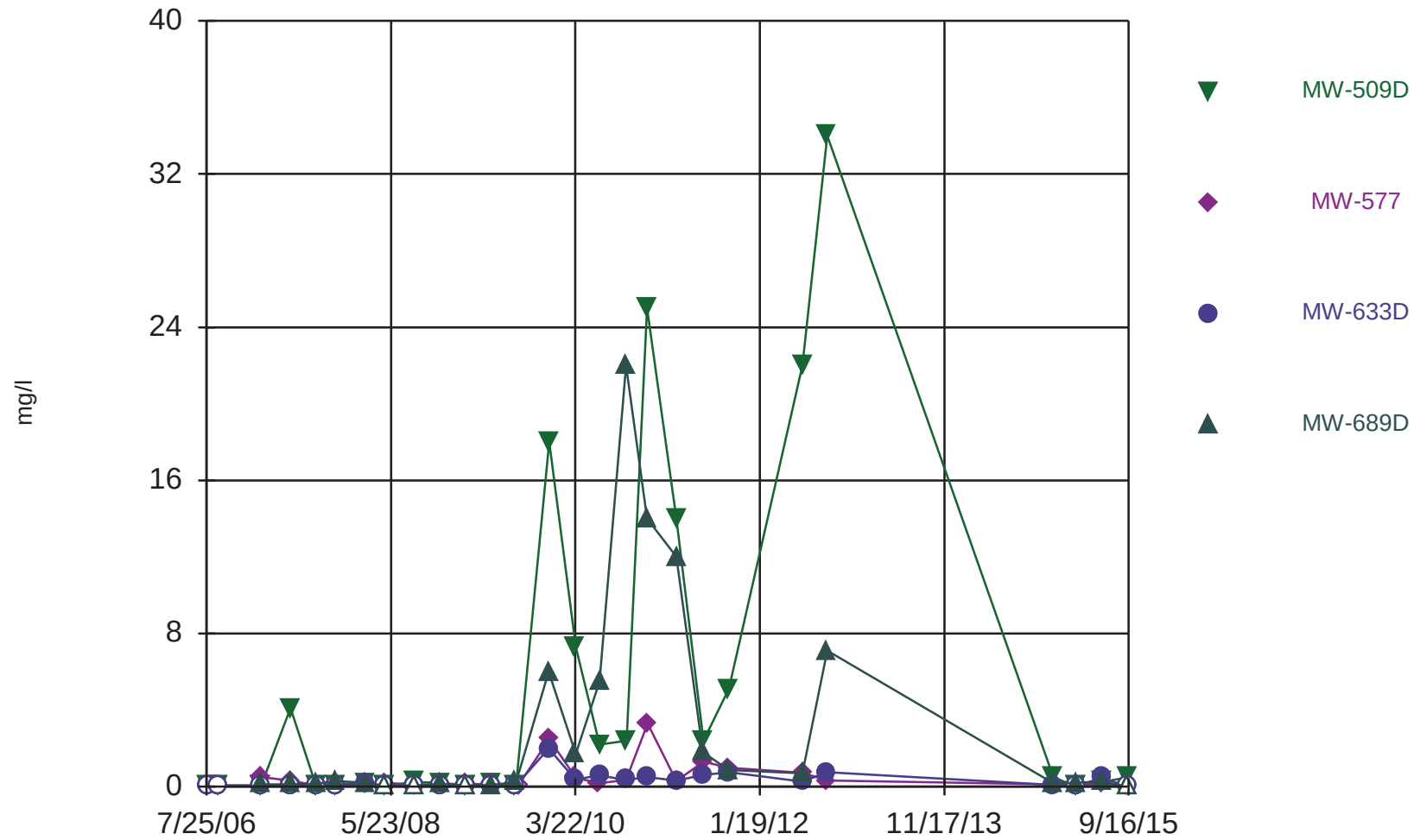
Time Series



Constituent: Iron Analysis Run 10/23/2015 10:36 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

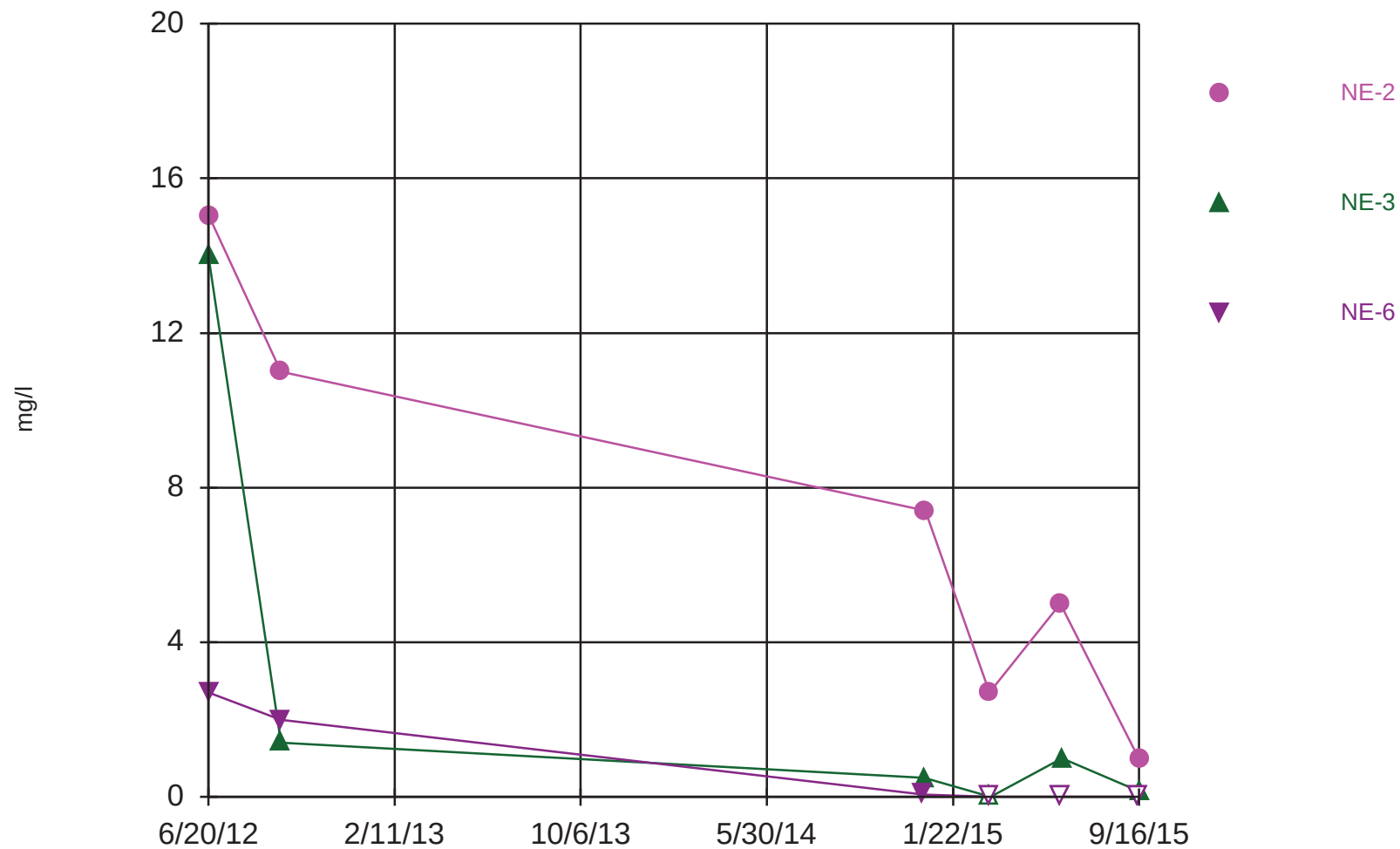
Time Series



Constituent: Iron Analysis Run 10/23/2015 10:36 AM

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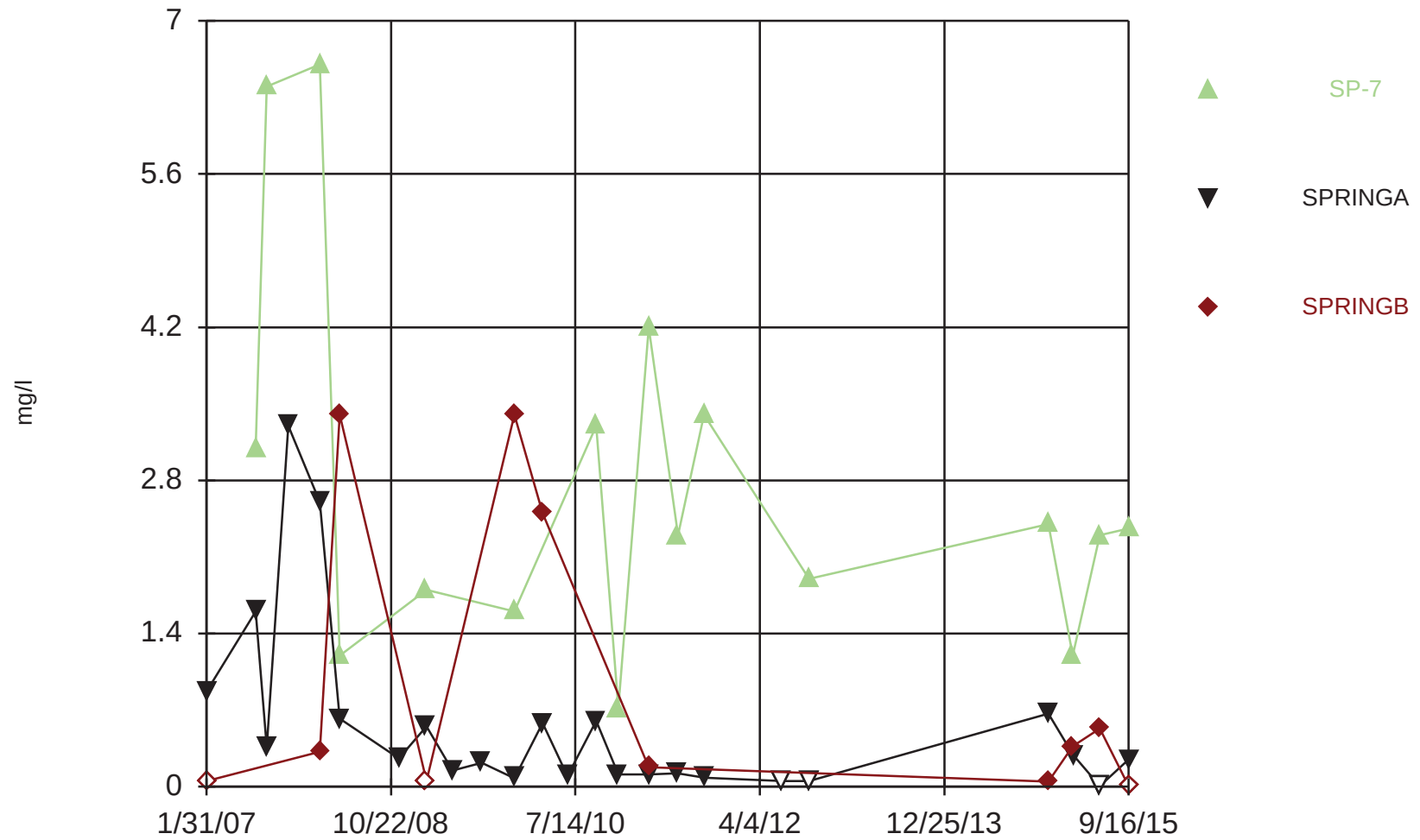
Time Series



Constituent: Iron Analysis Run 10/23/2015 10:36 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

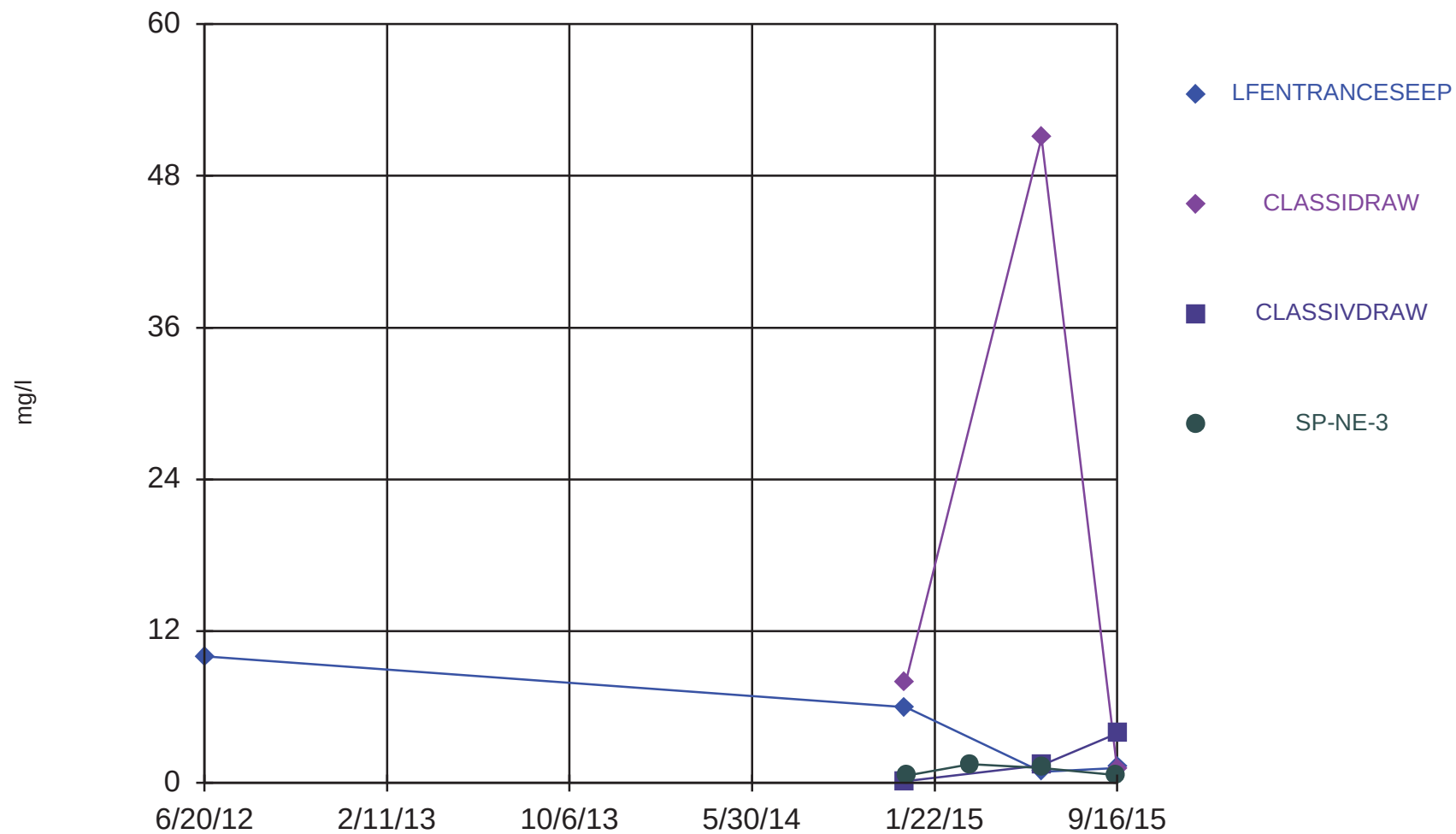
Time Series



Constituent: Iron Analysis Run 10/23/2015 10:37 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

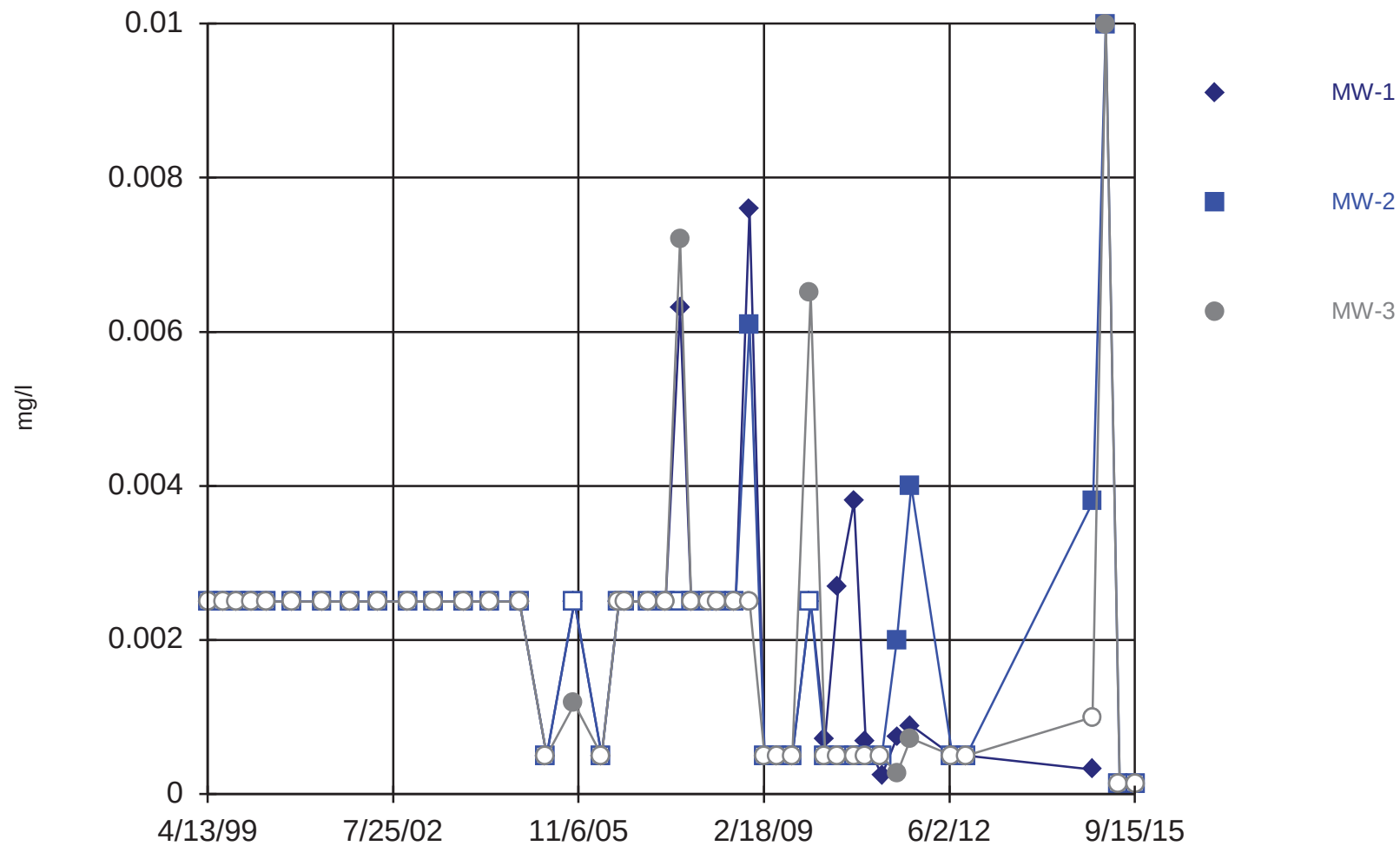
Time Series



Constituent: Iron Analysis Run 10/23/2015 10:37 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

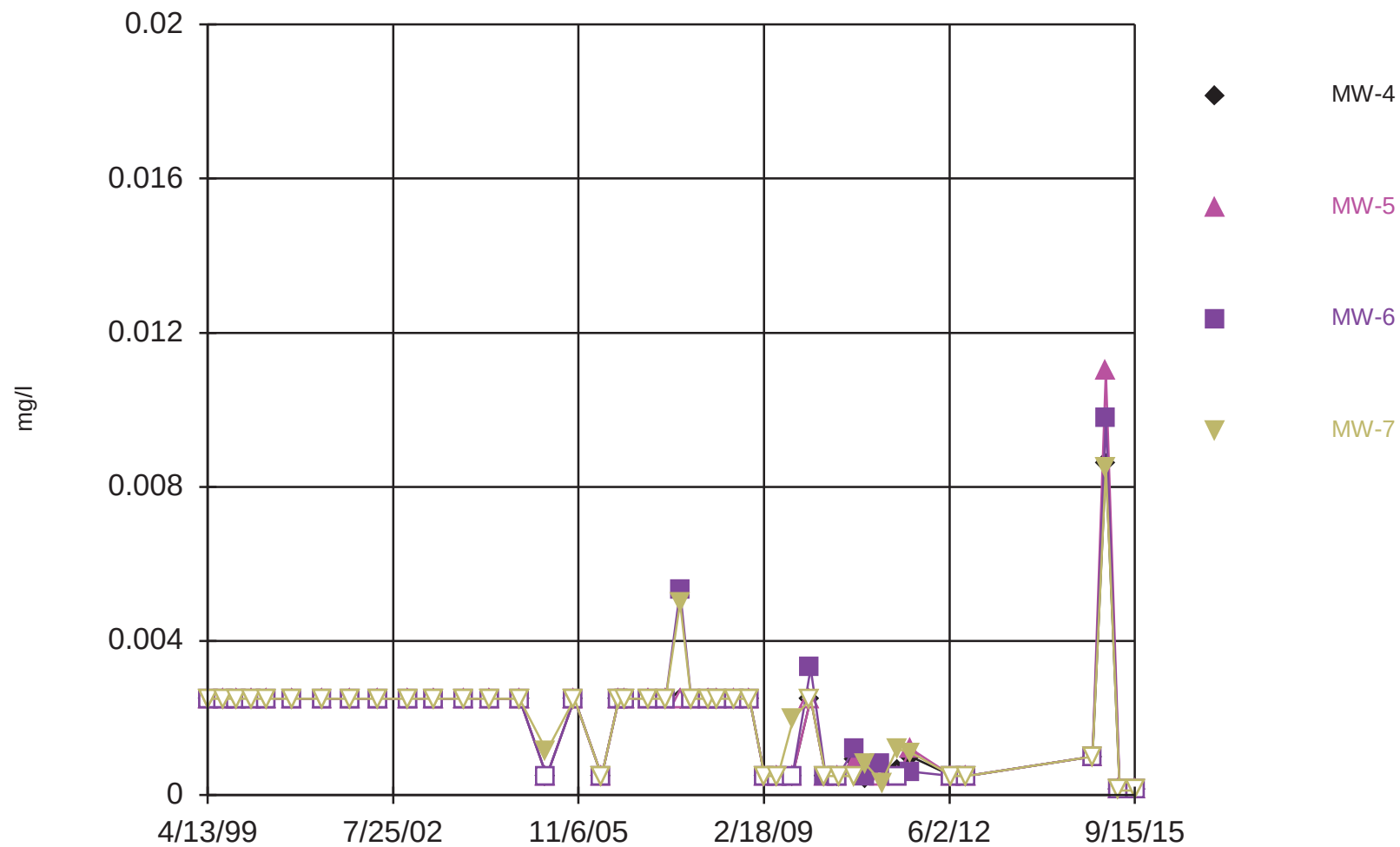
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:38 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

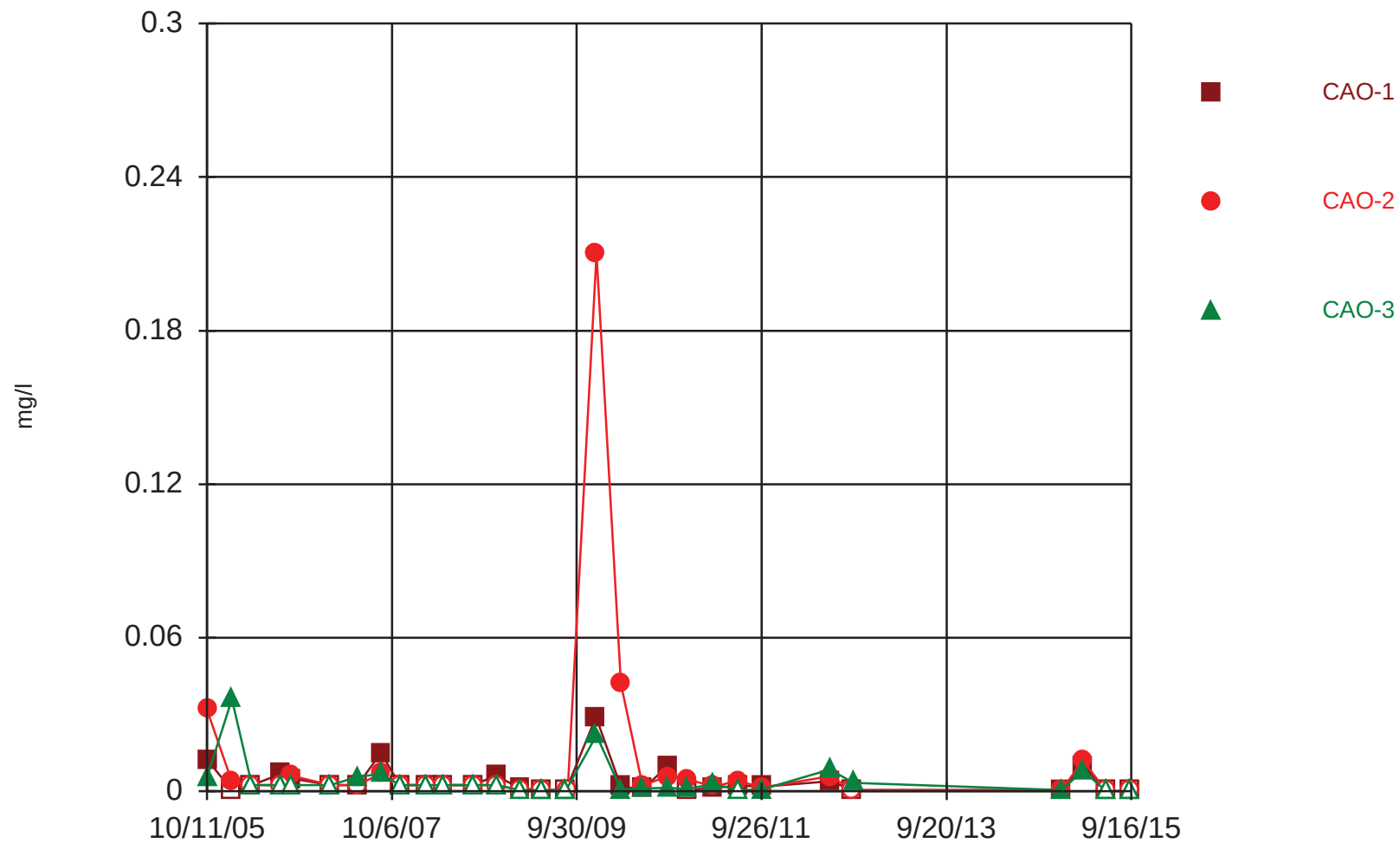
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:39 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

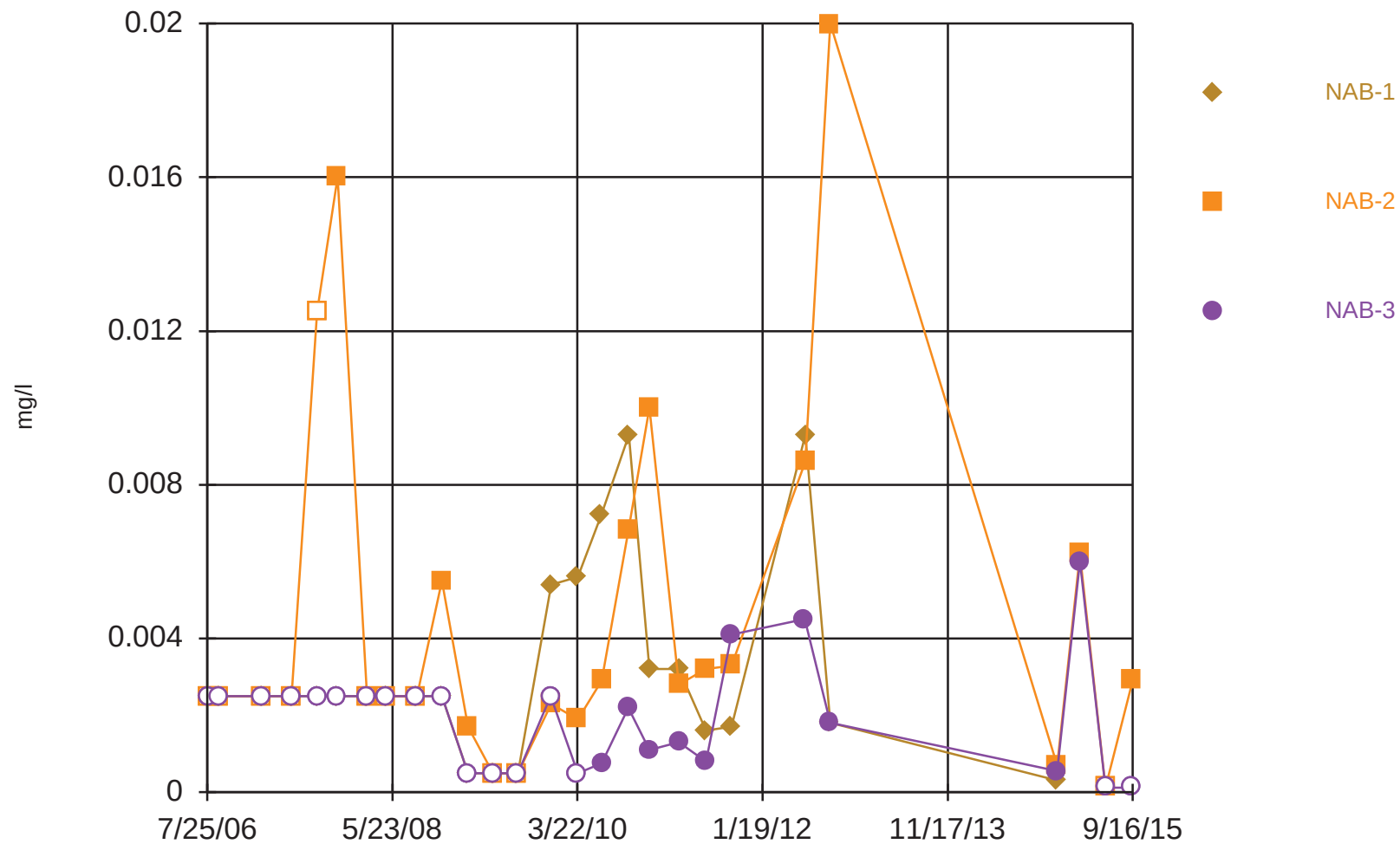
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:39 AM

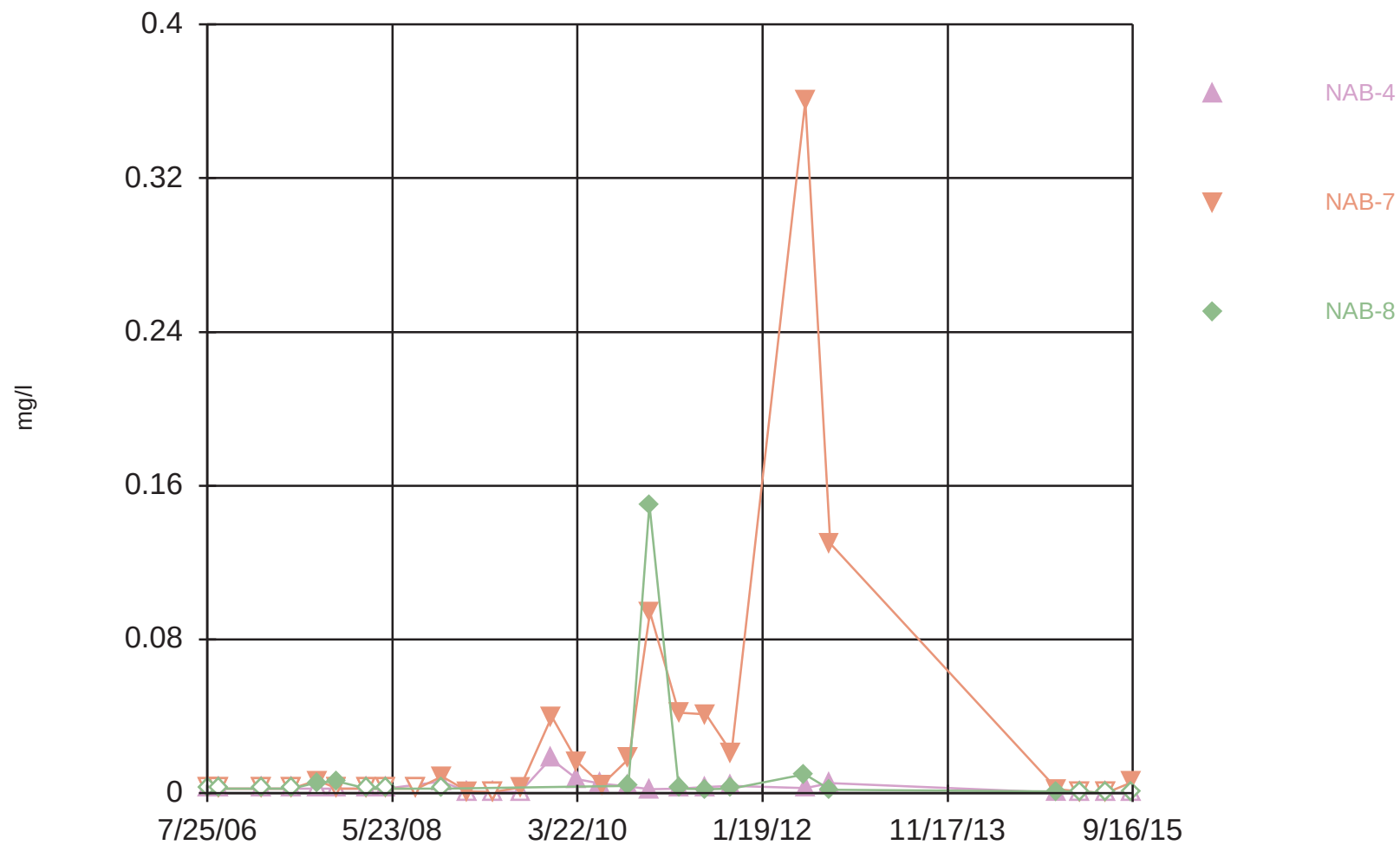
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Lead Analysis Run 10/23/2015 10:40 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

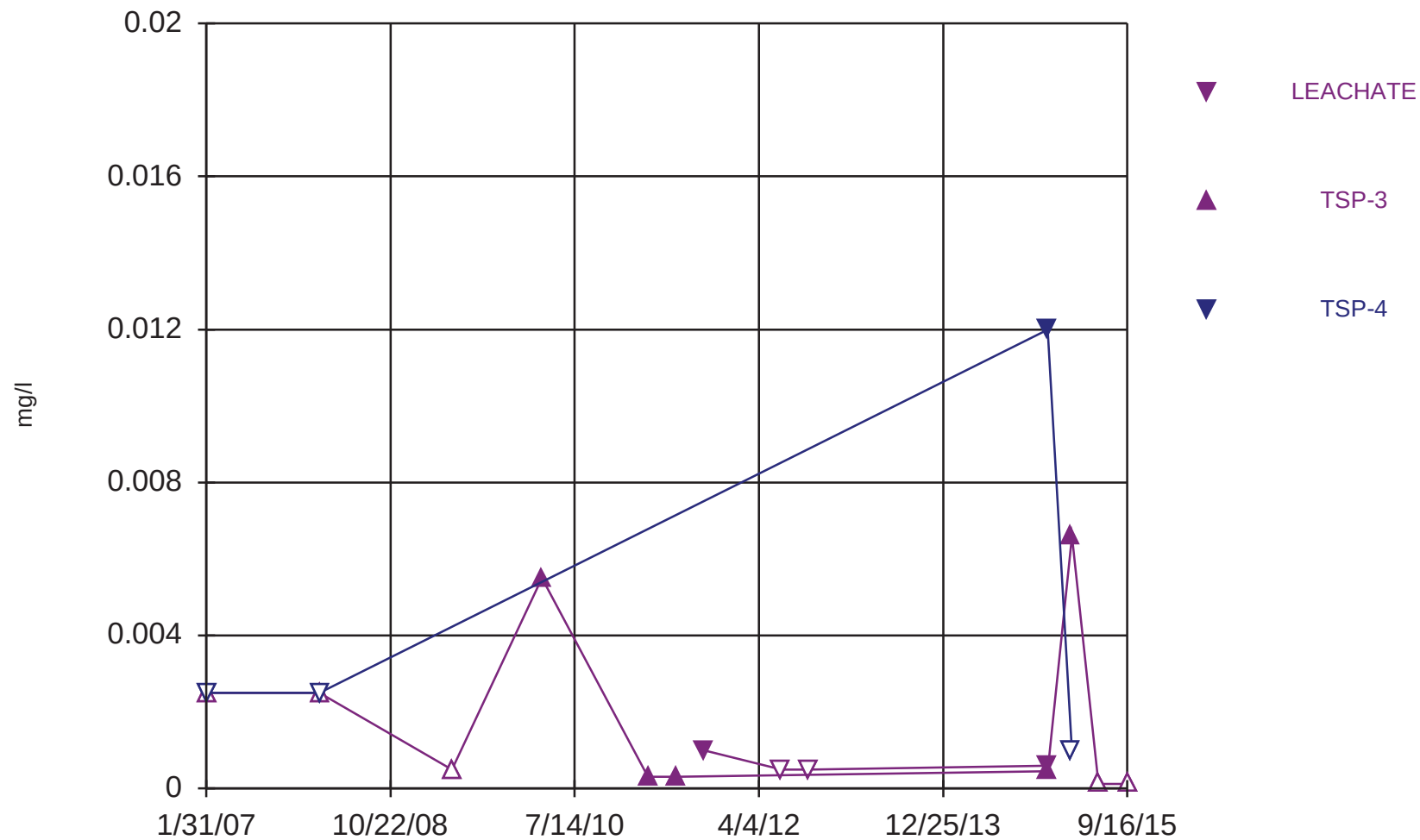
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:40 AM

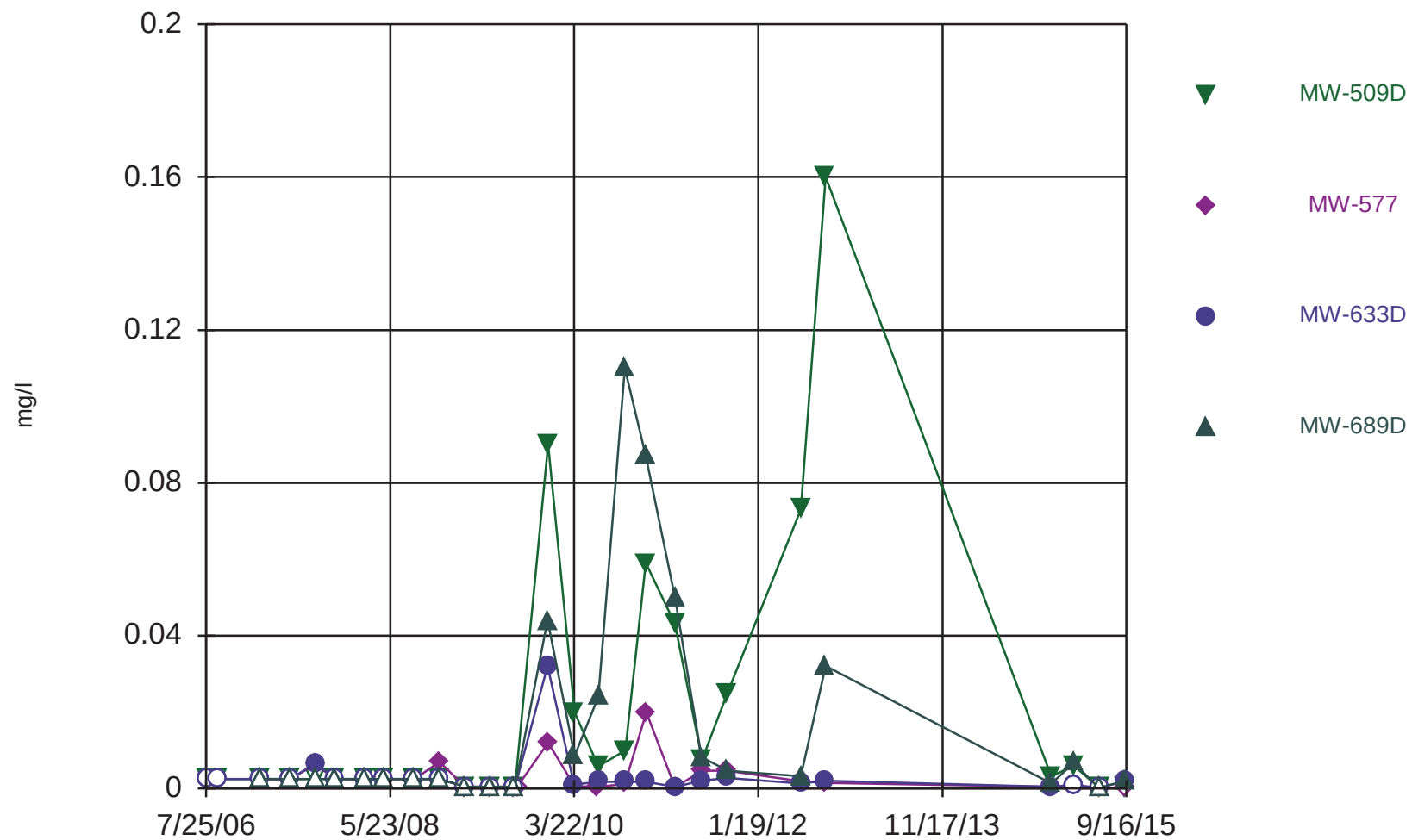
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Lead Analysis Run 10/23/2015 10:41 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

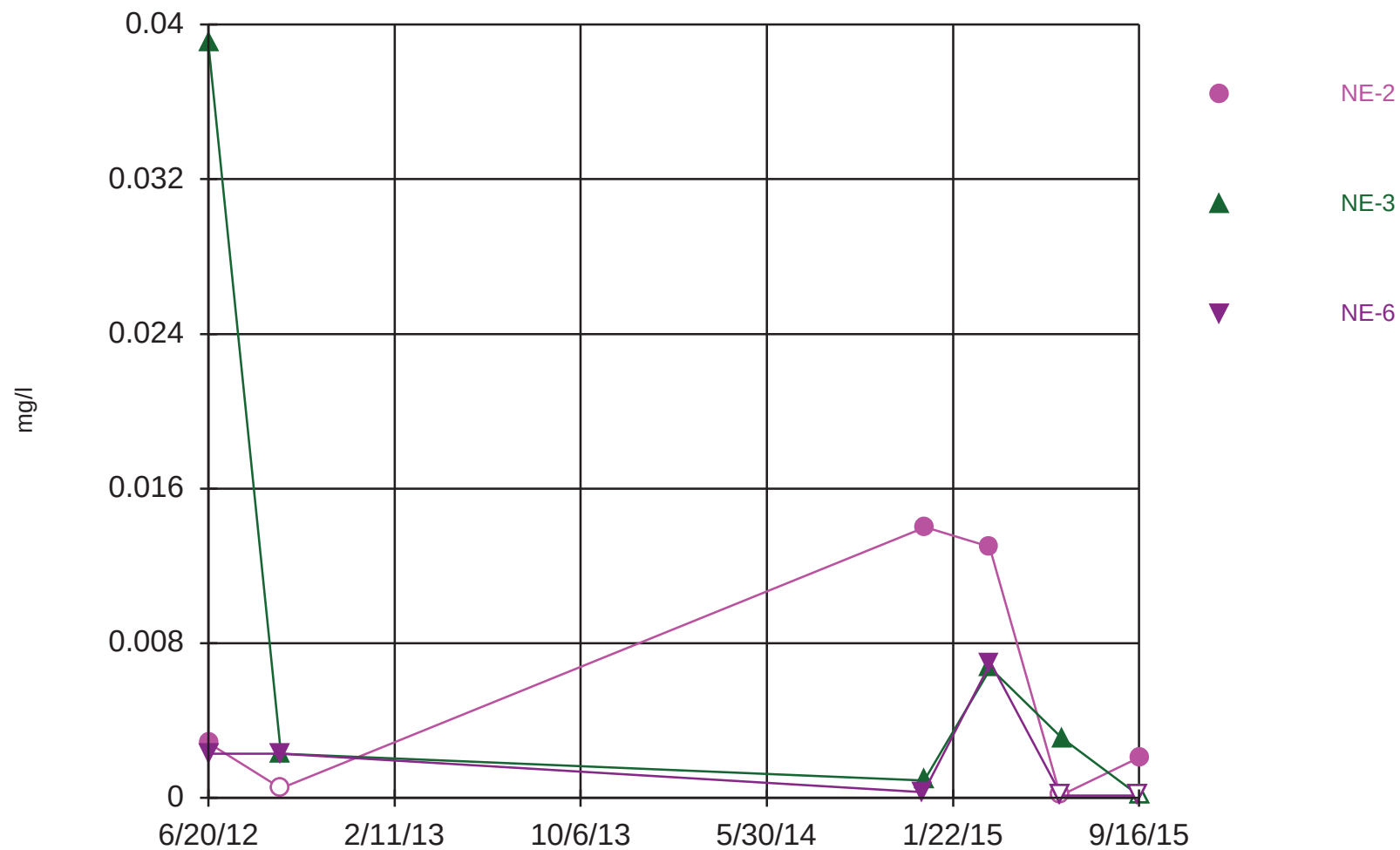
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:41 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

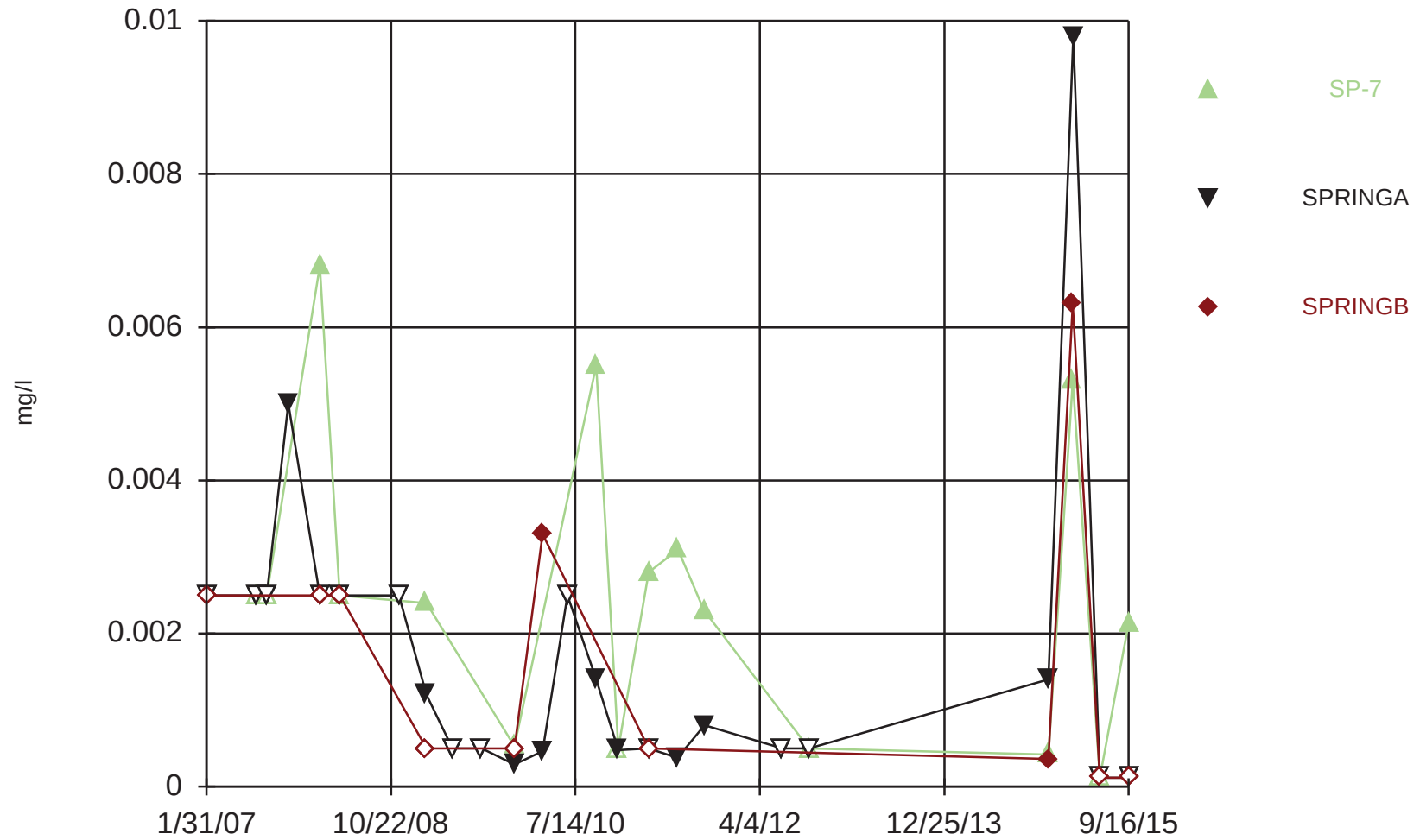
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:42 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

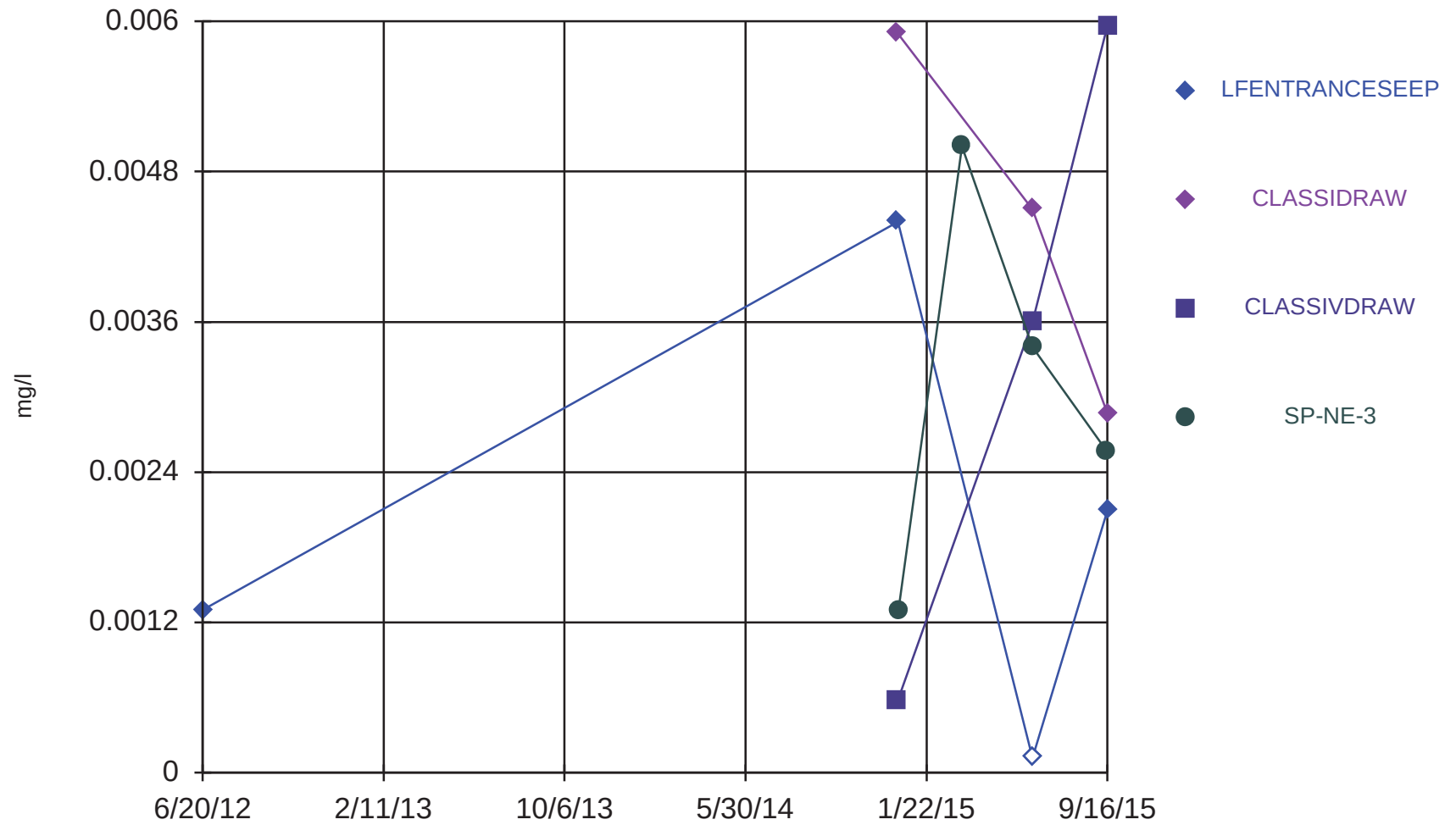
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:42 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

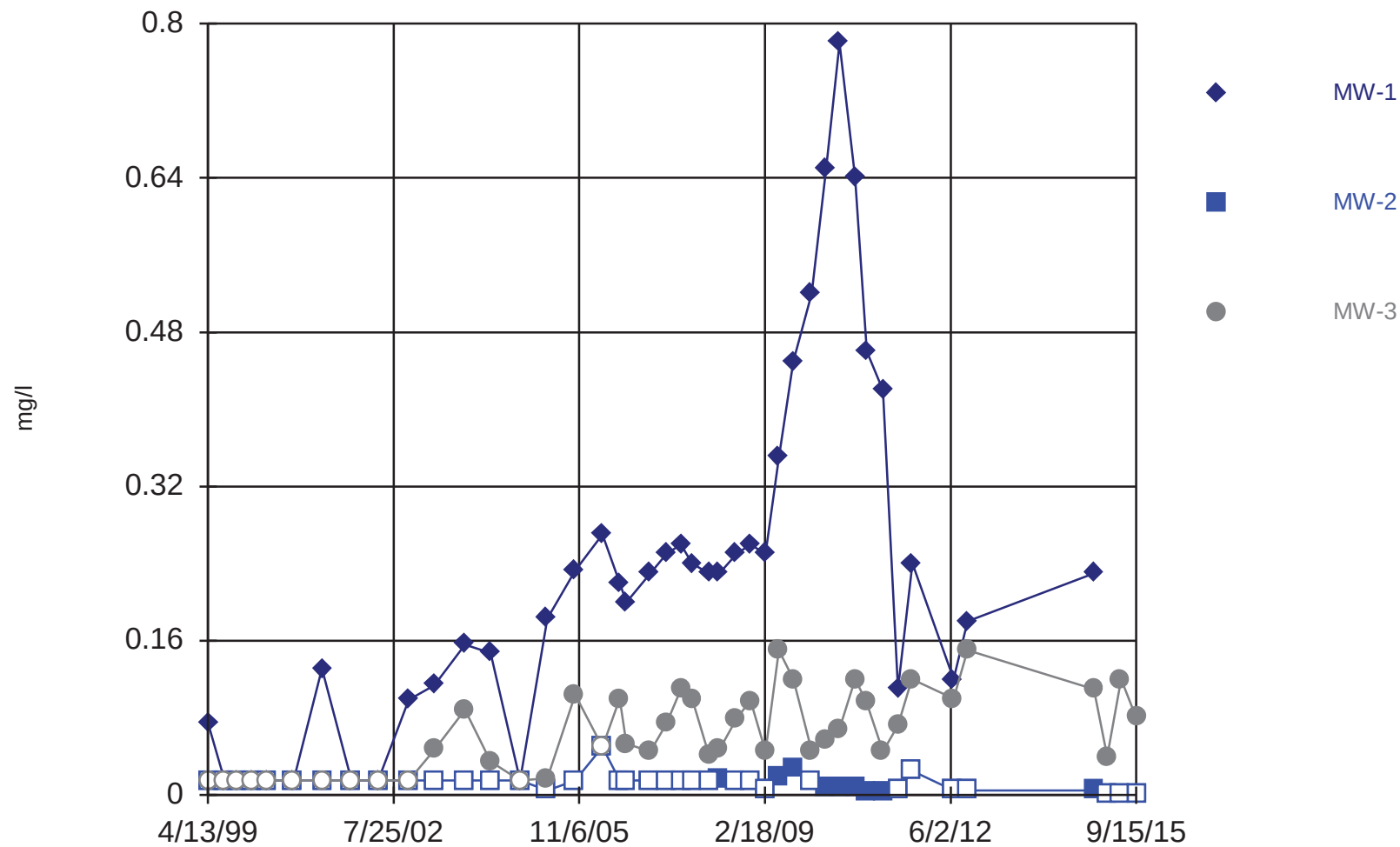
Time Series



Constituent: Lead Analysis Run 10/23/2015 10:42 AM

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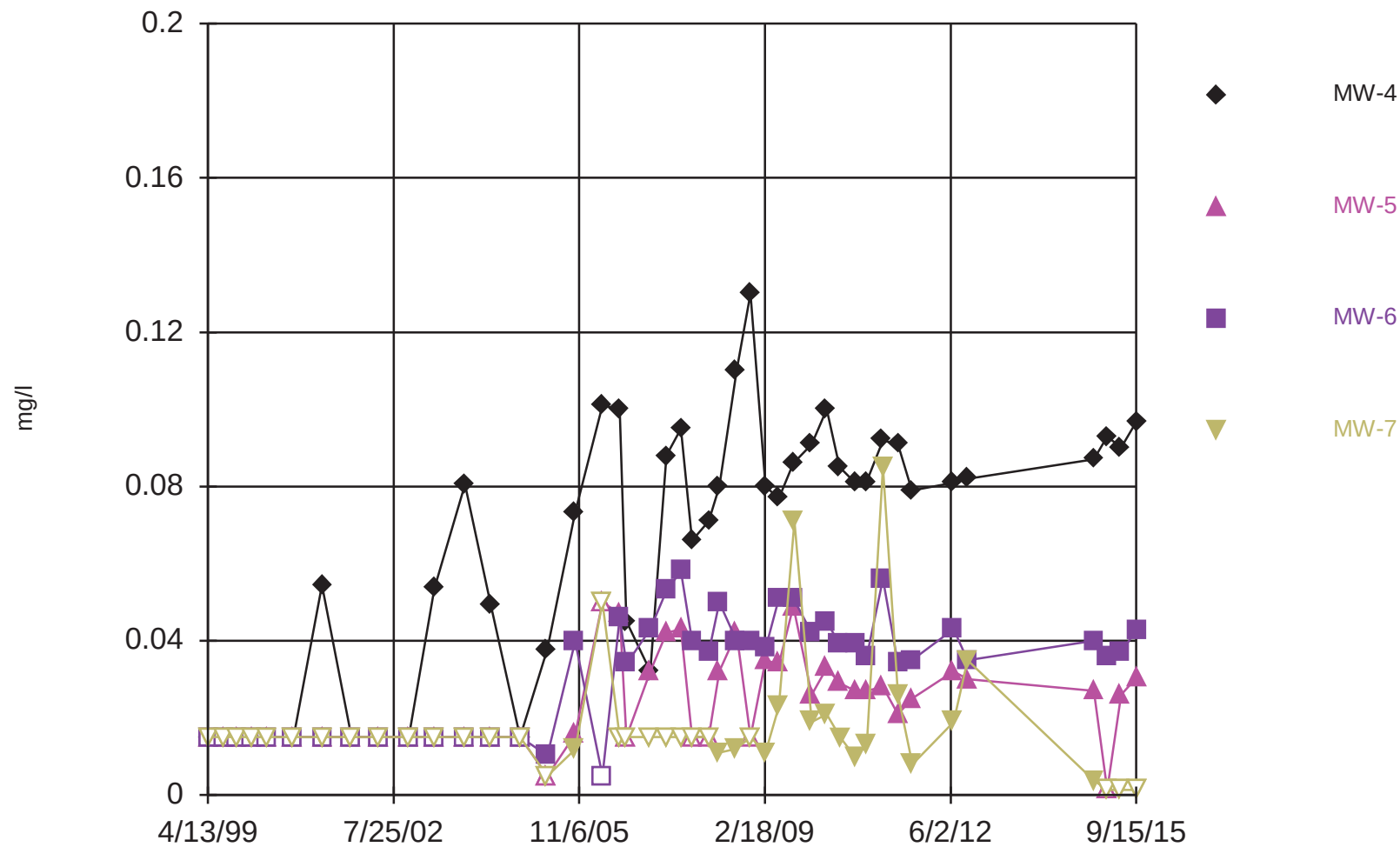
Time Series



Constituent: Zinc Analysis Run 10/23/2015 10:46 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

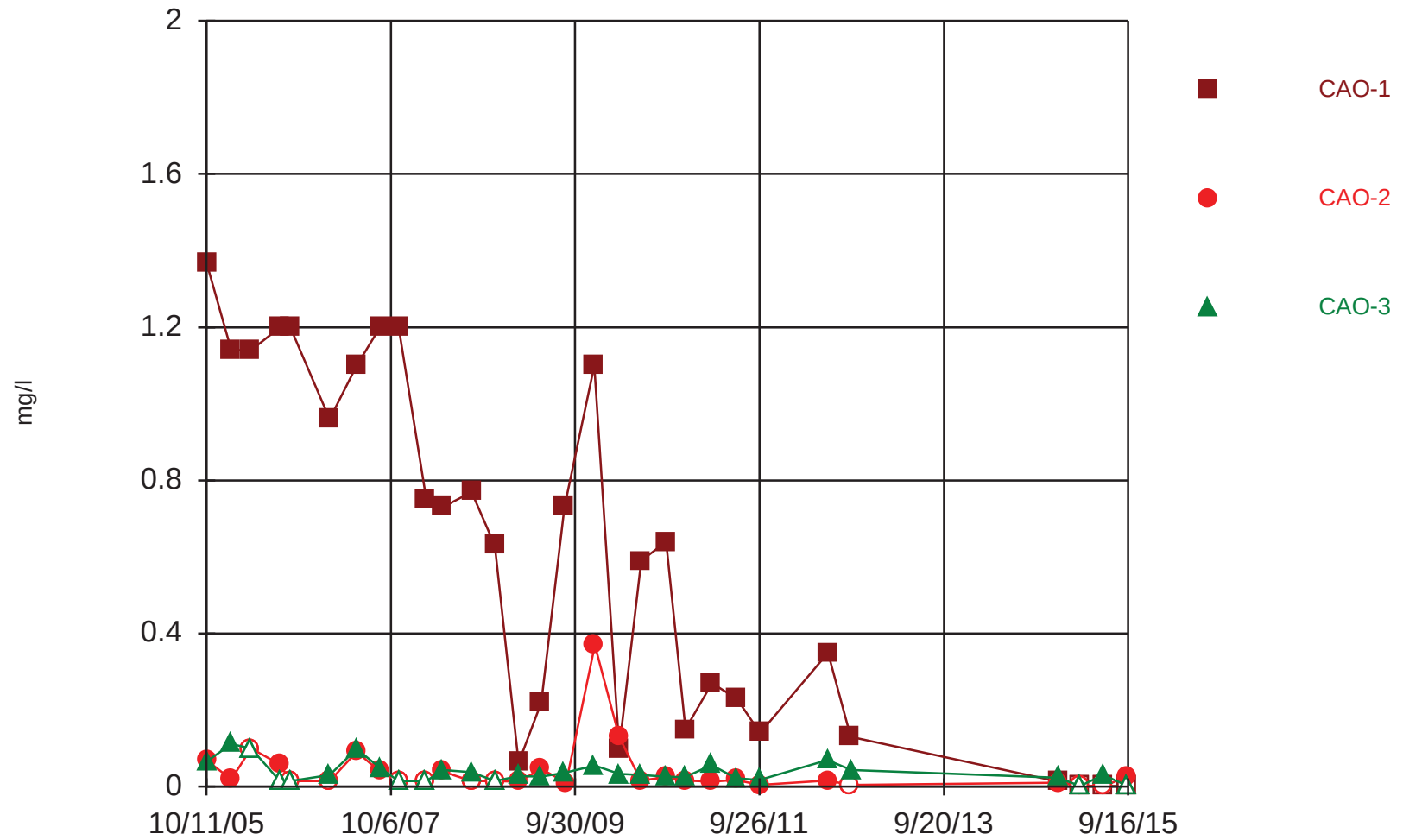
Time Series



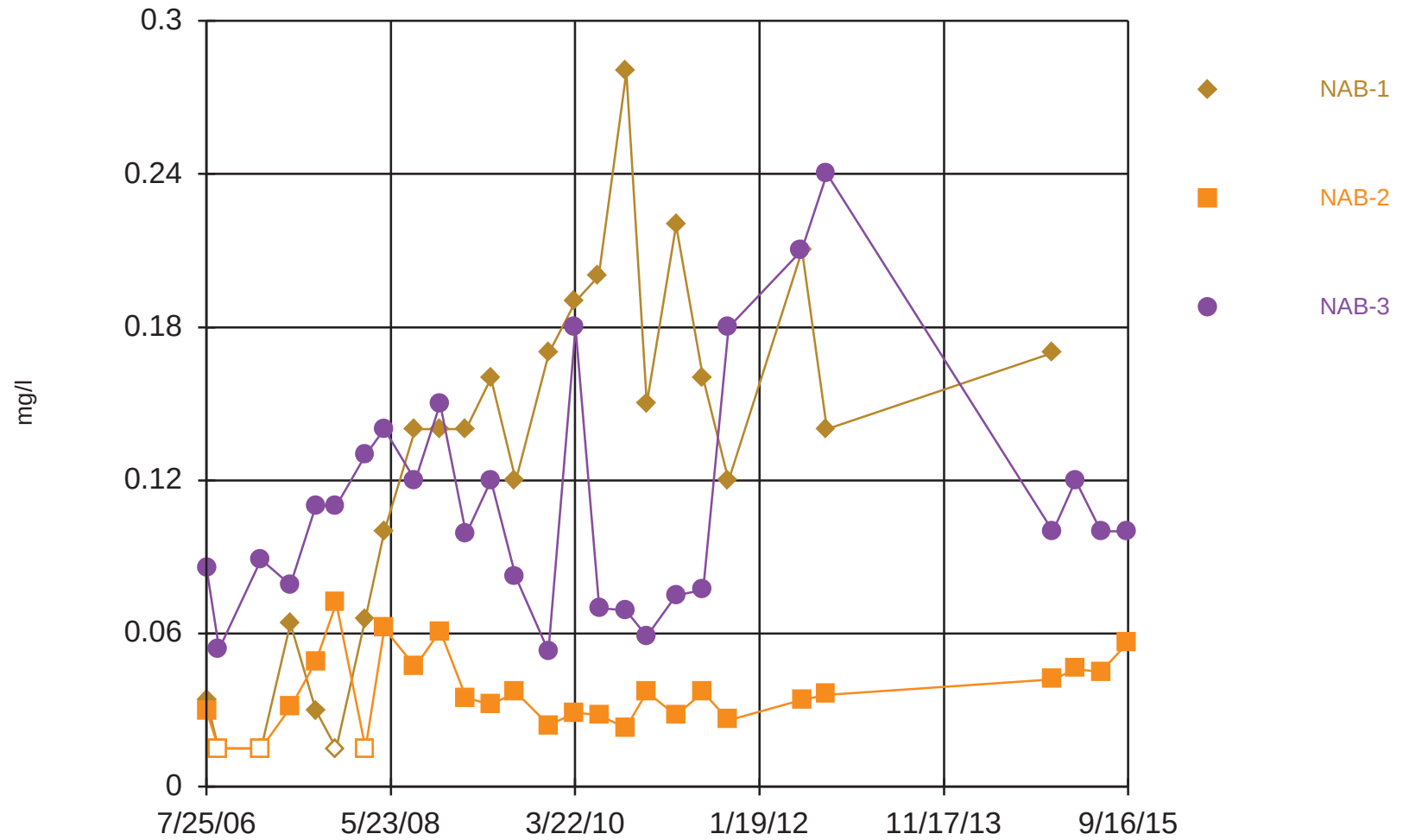
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

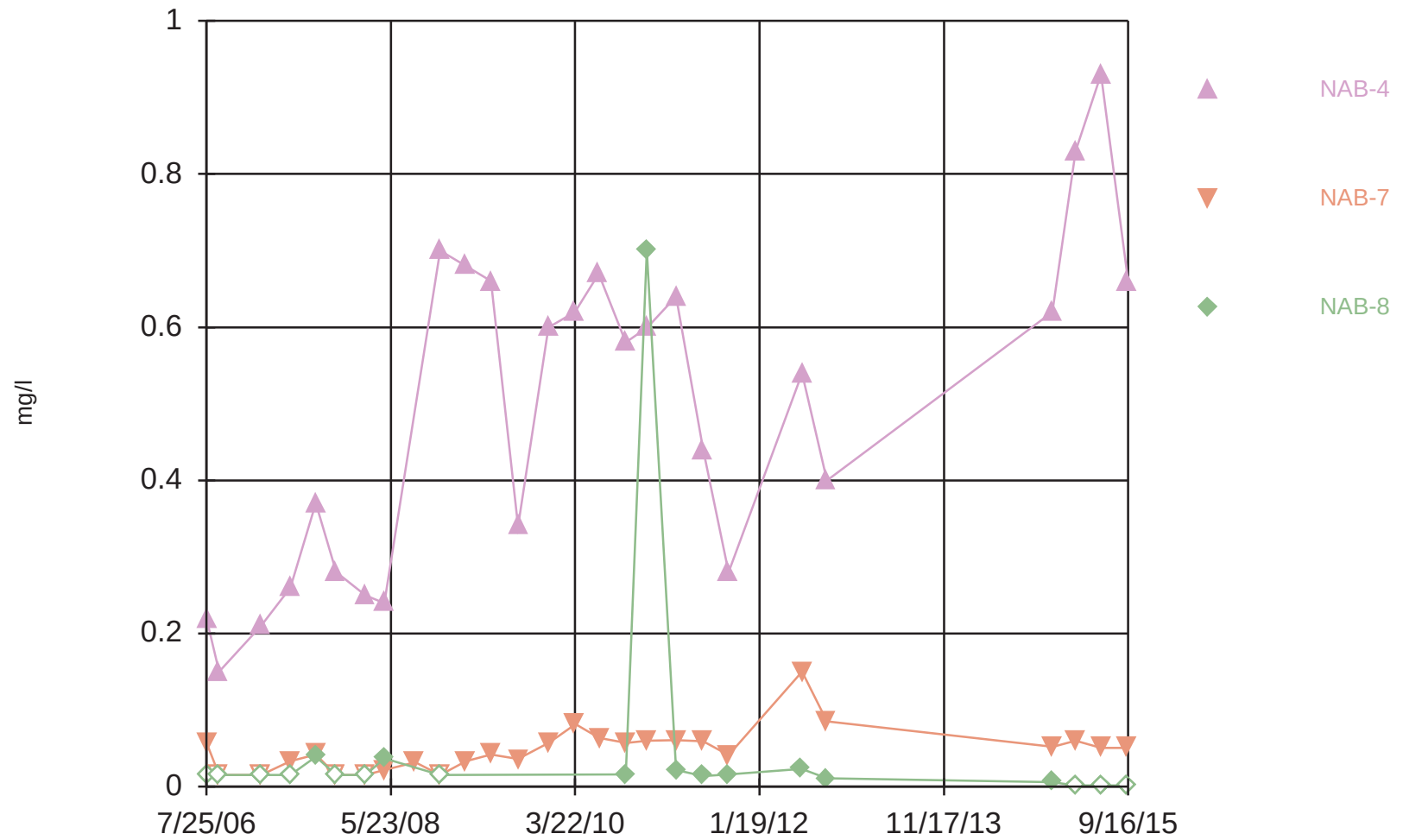


Time Series



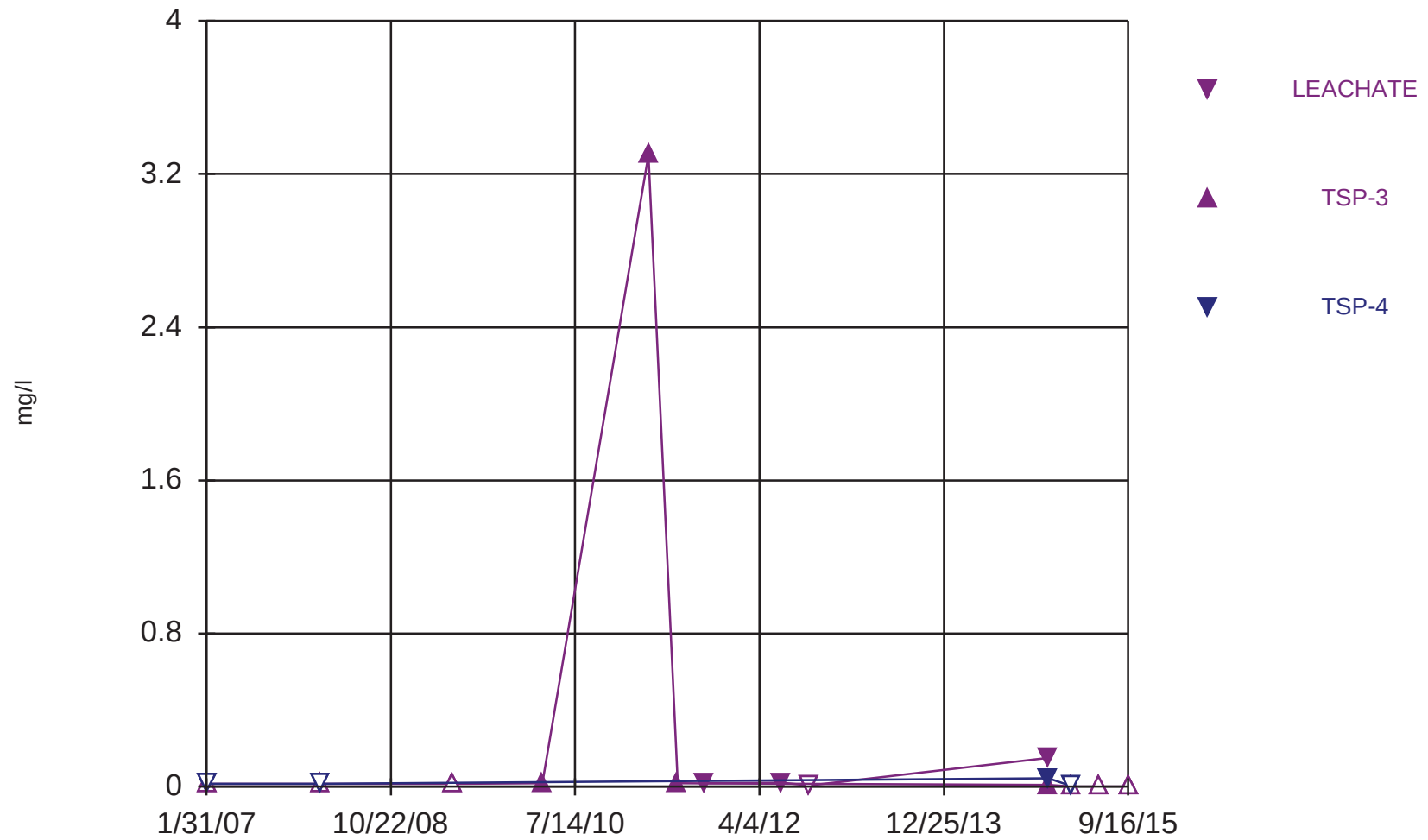
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



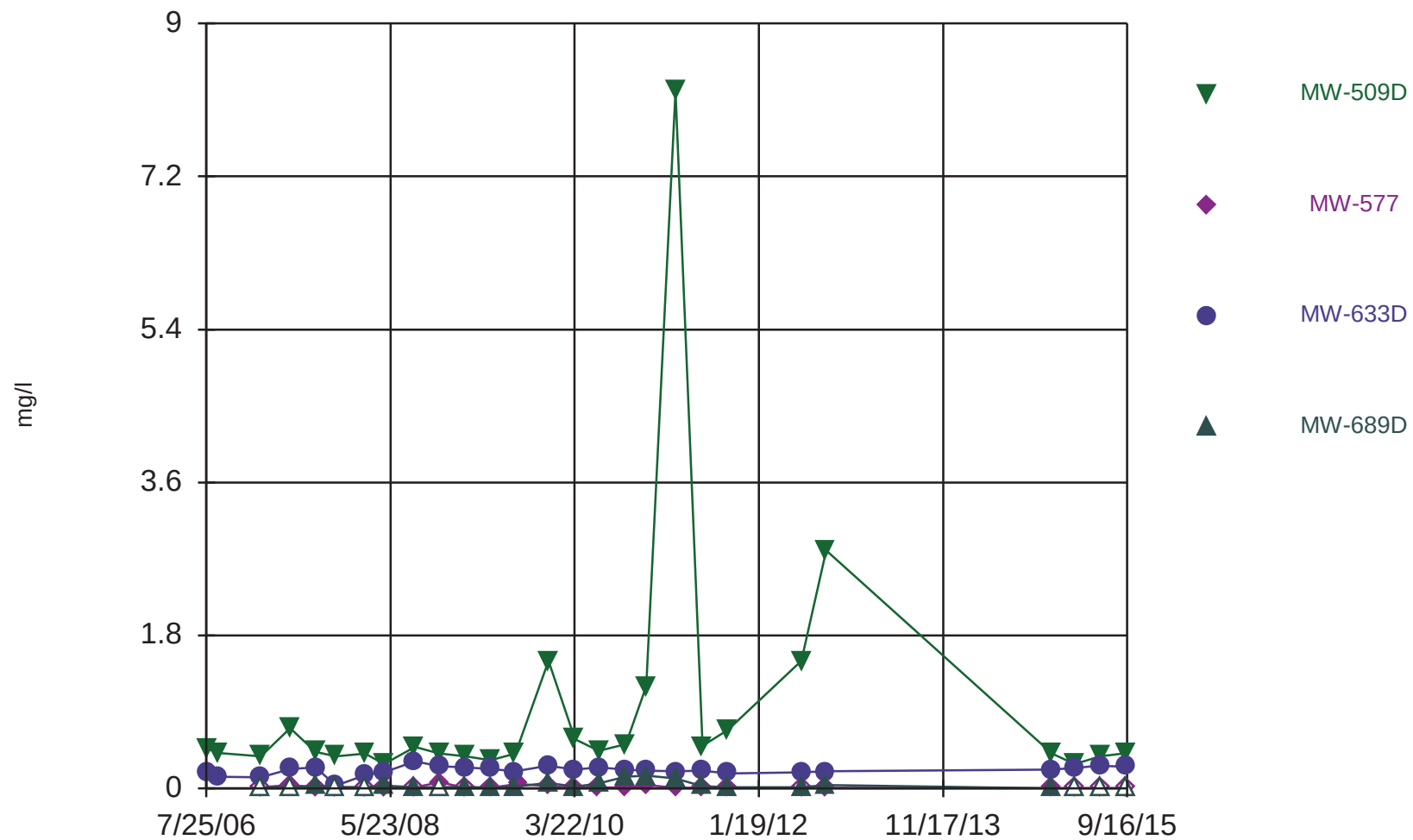
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NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Zinc Analysis Run 10/23/2015 10:52 AM
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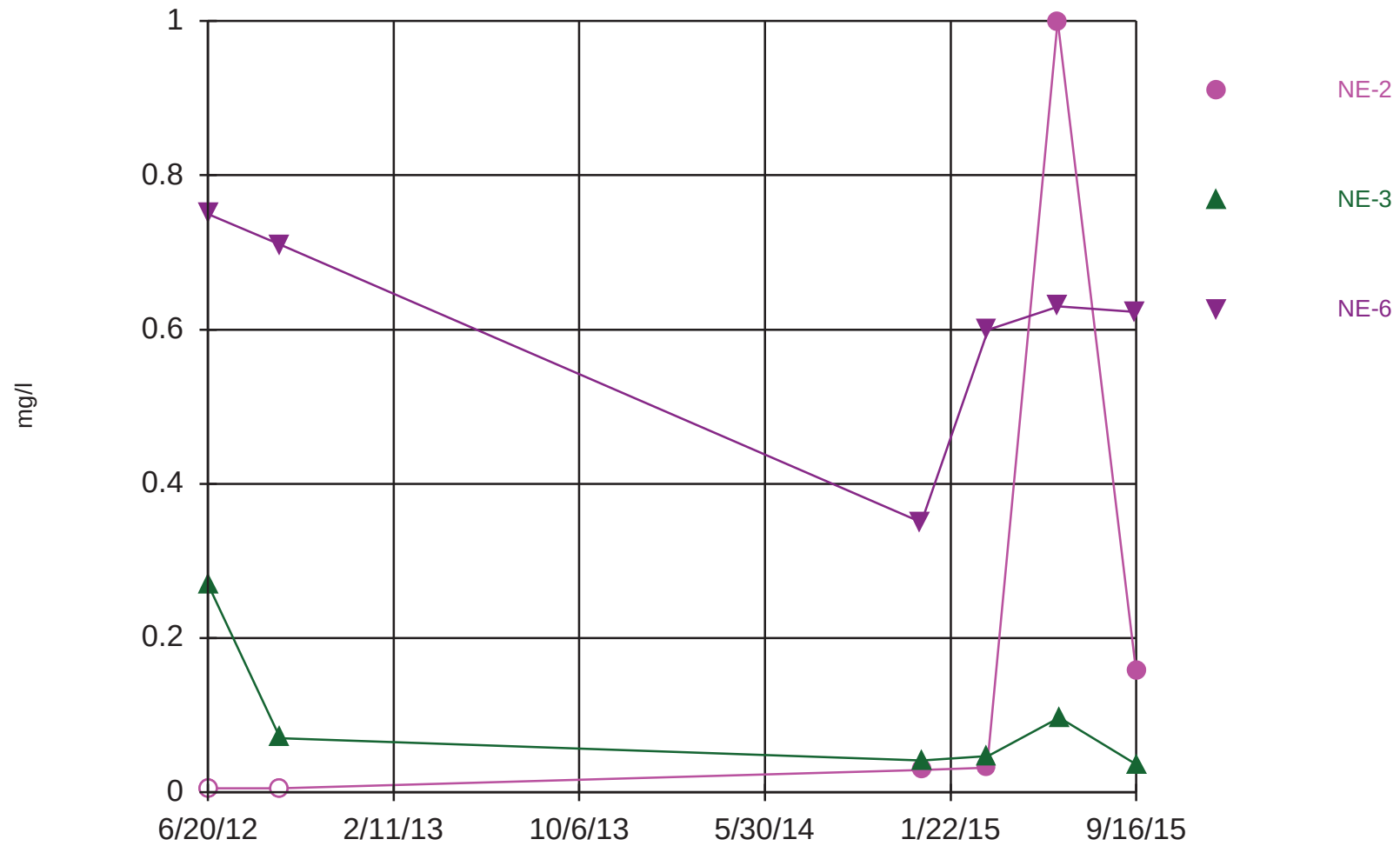
Time Series



Constituent: Zinc Analysis Run 10/23/2015 10:53 AM

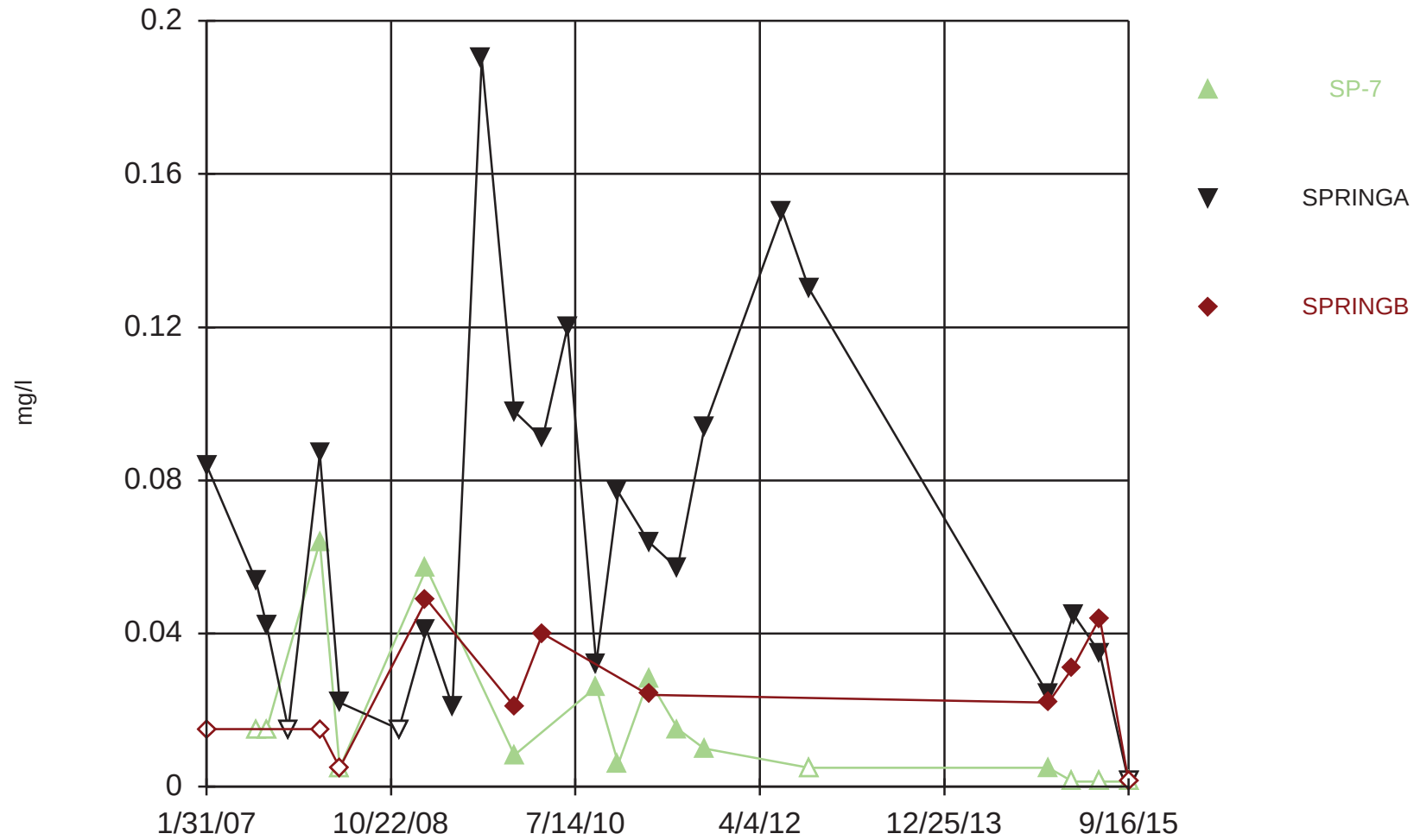
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Time Series



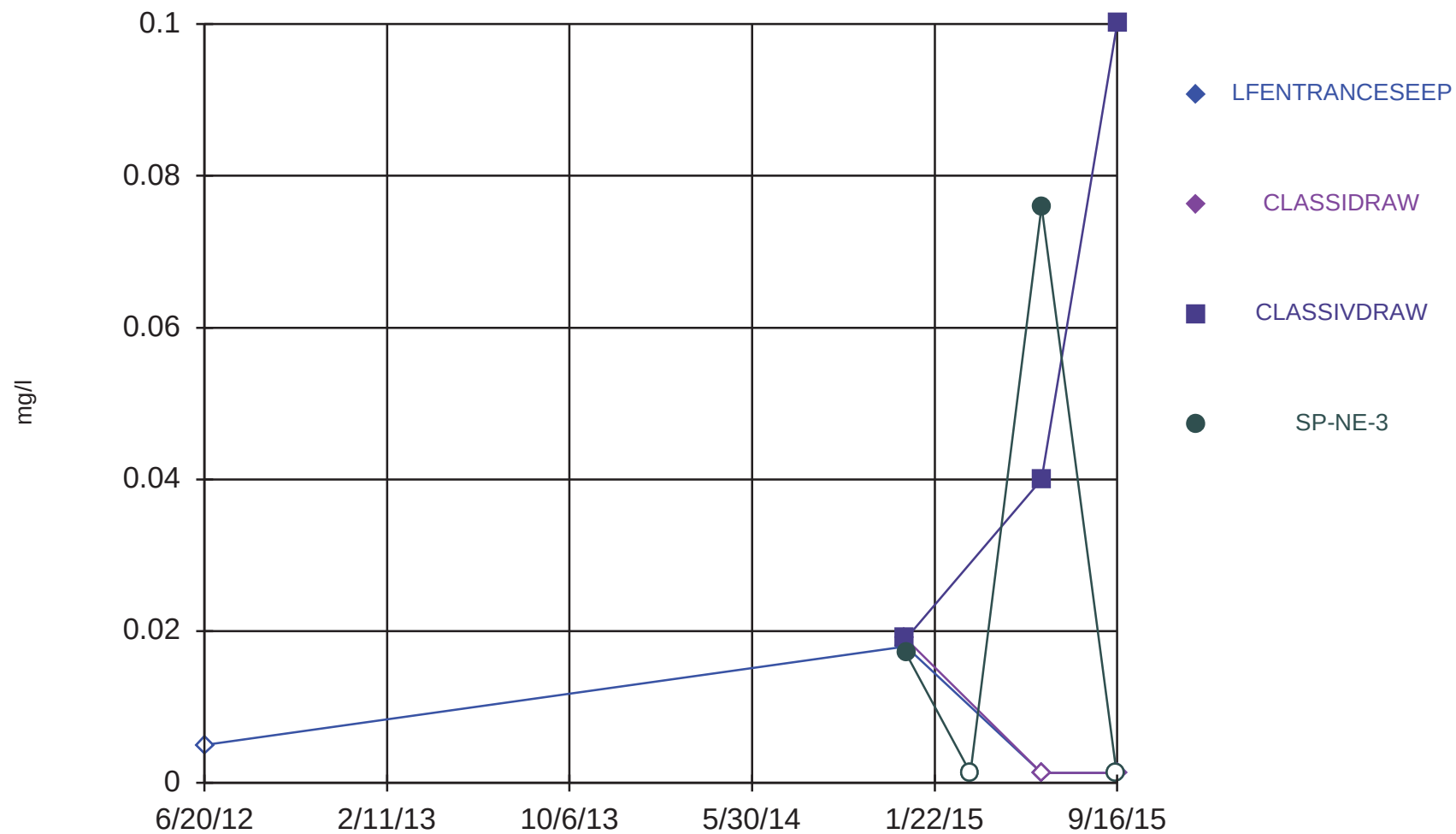
Constituent: Zinc Analysis Run 10/23/2015 10:53 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



Constituent: Zinc Analysis Run 10/23/2015 10:54 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

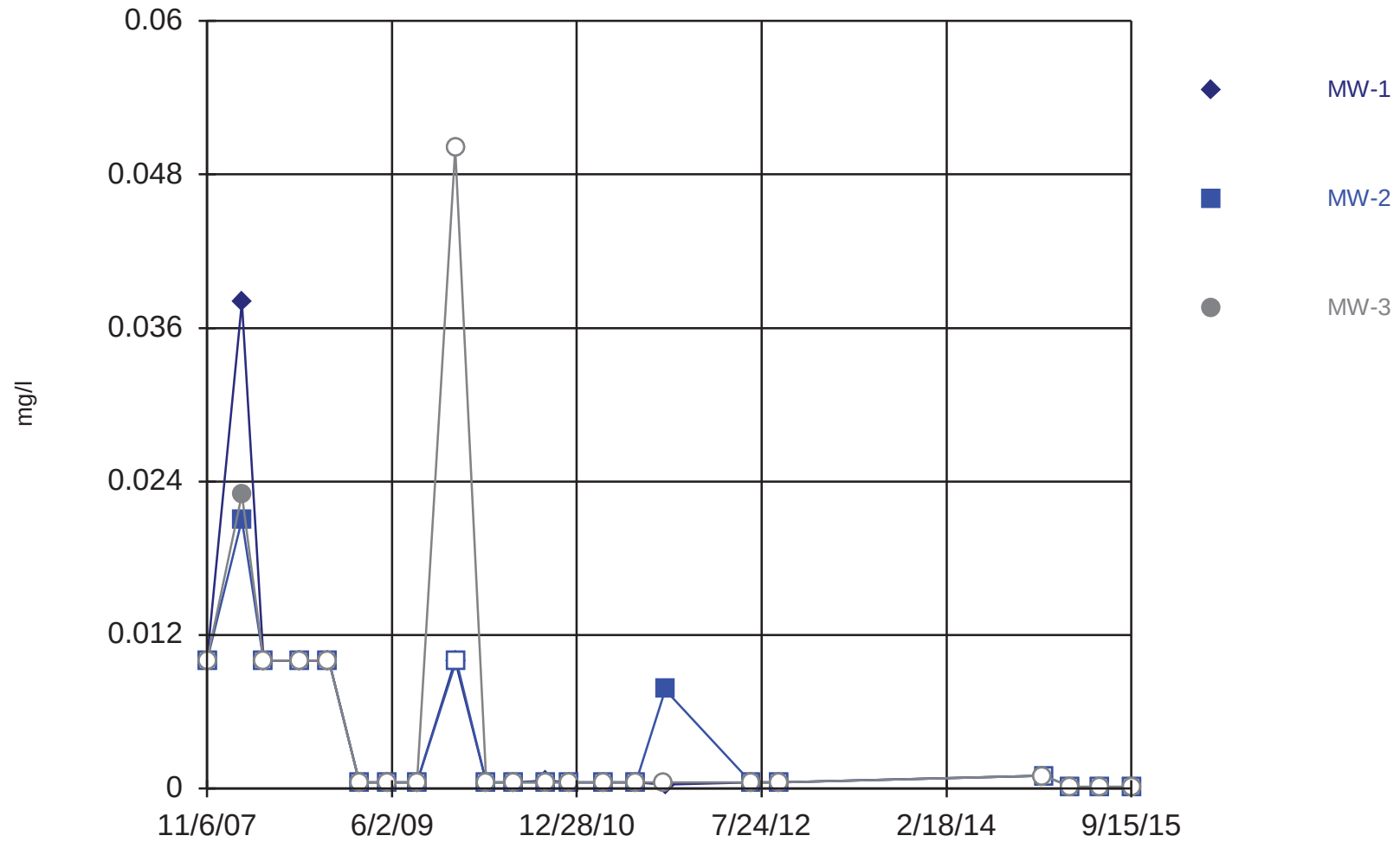
Time Series



Constituent: Zinc Analysis Run 10/23/2015 10:54 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

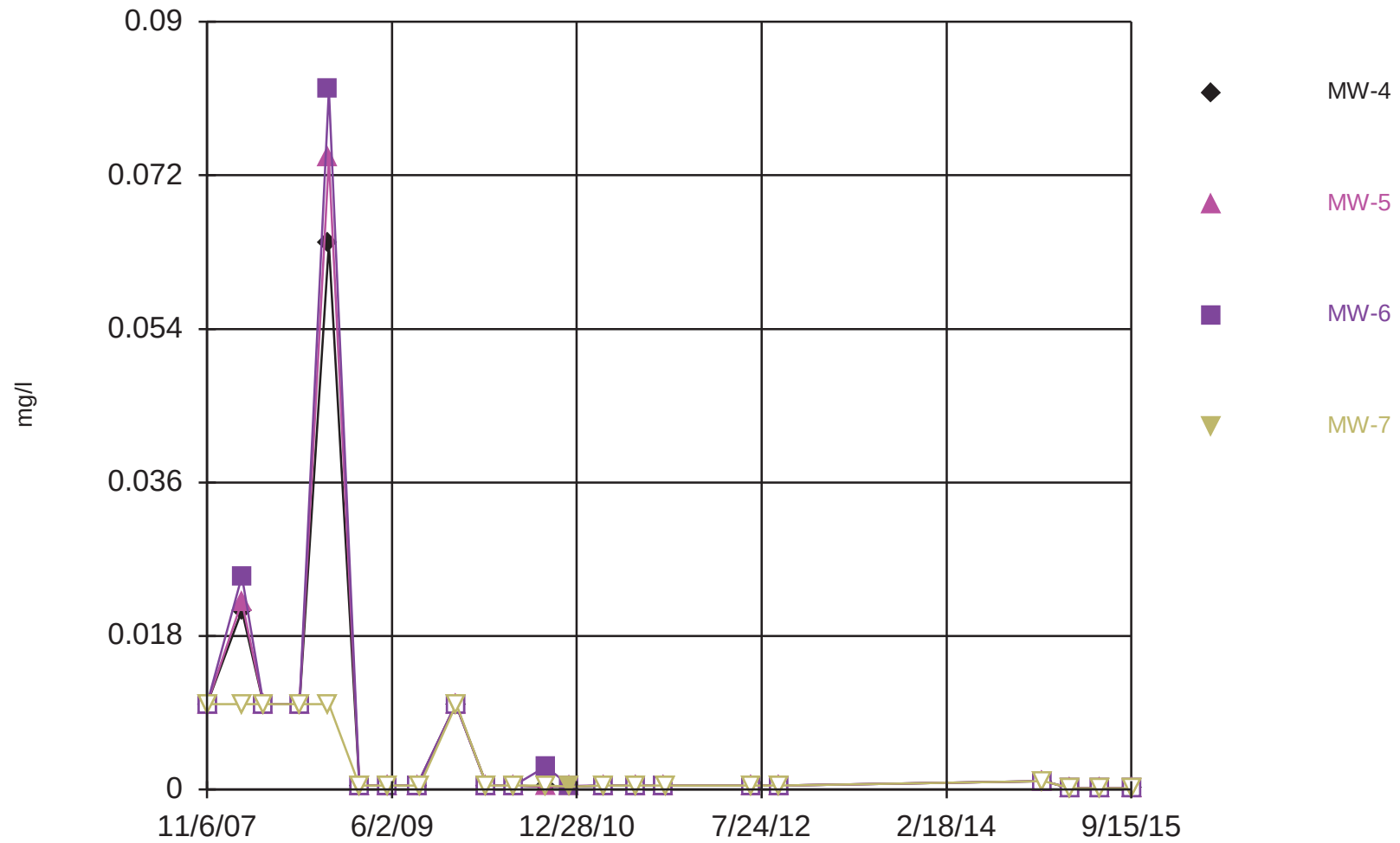
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:56 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

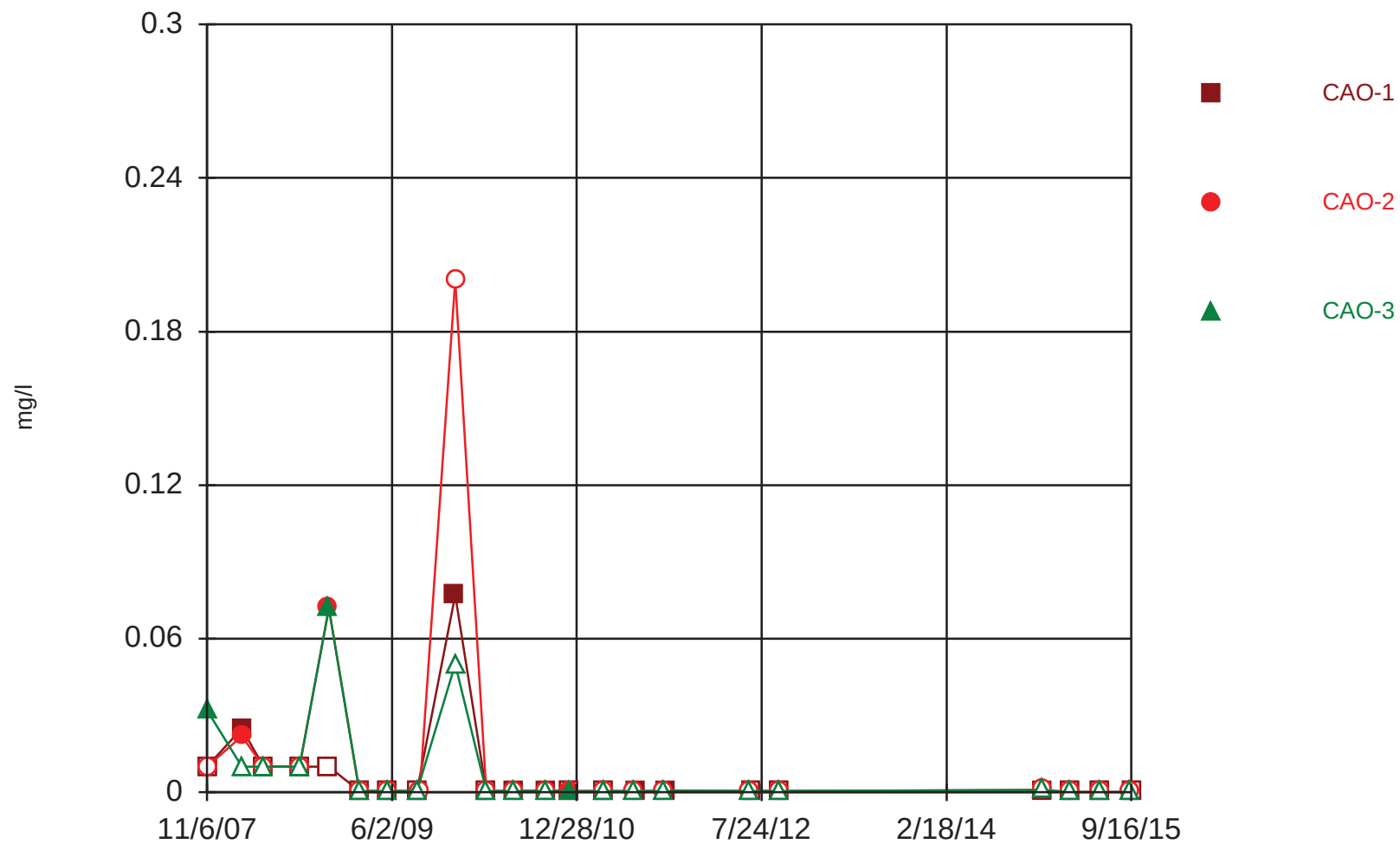
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:56 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

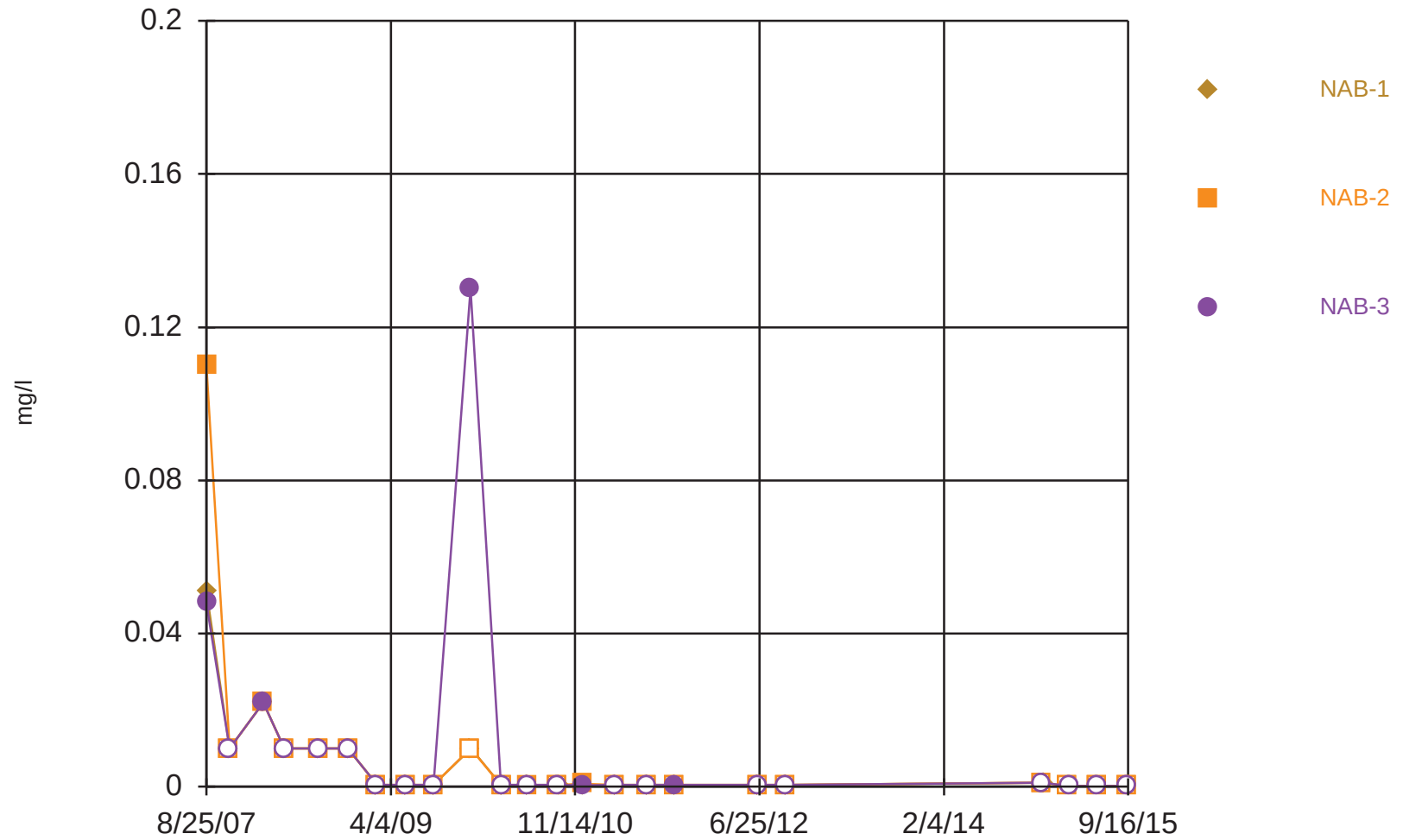
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:57 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

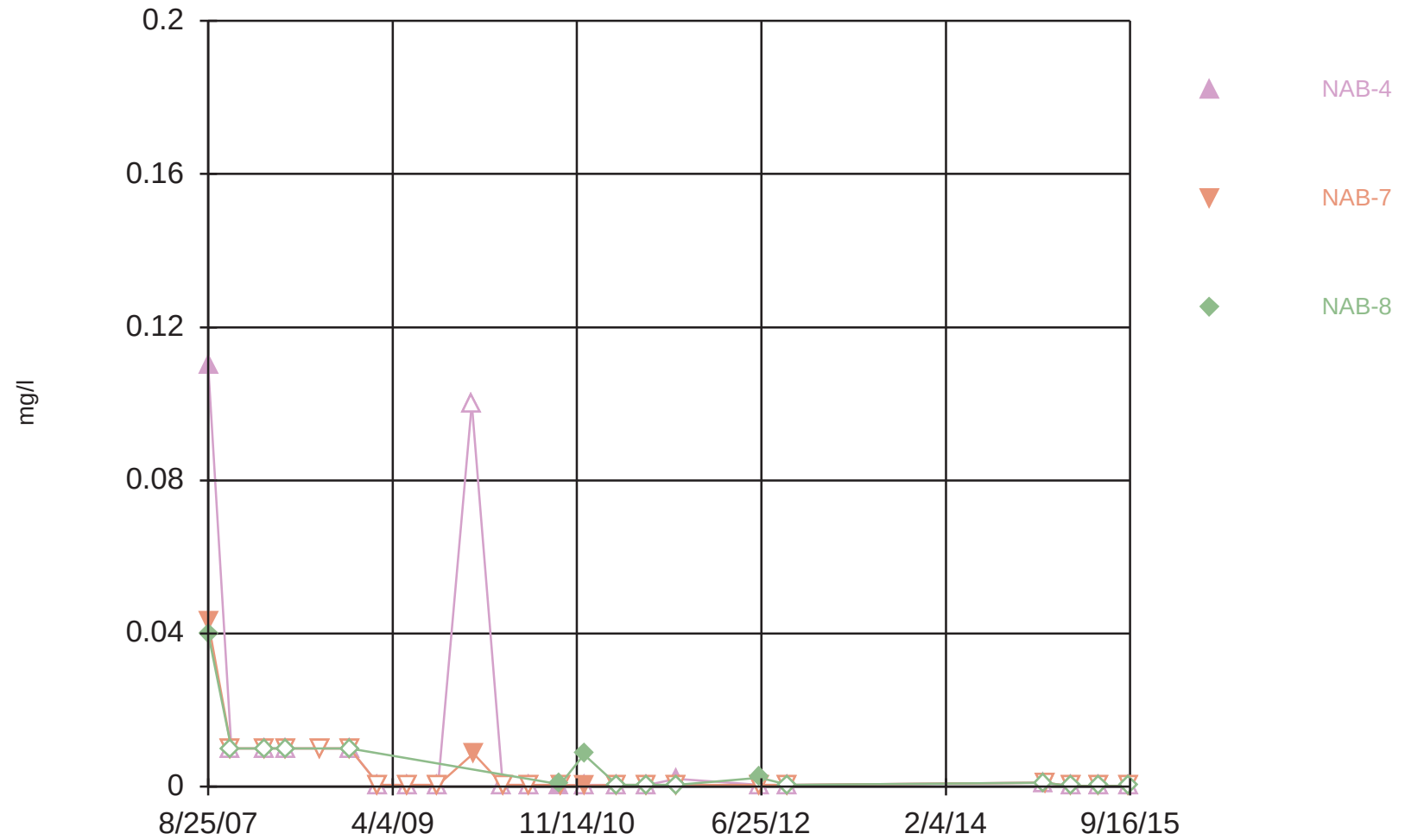
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:57 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

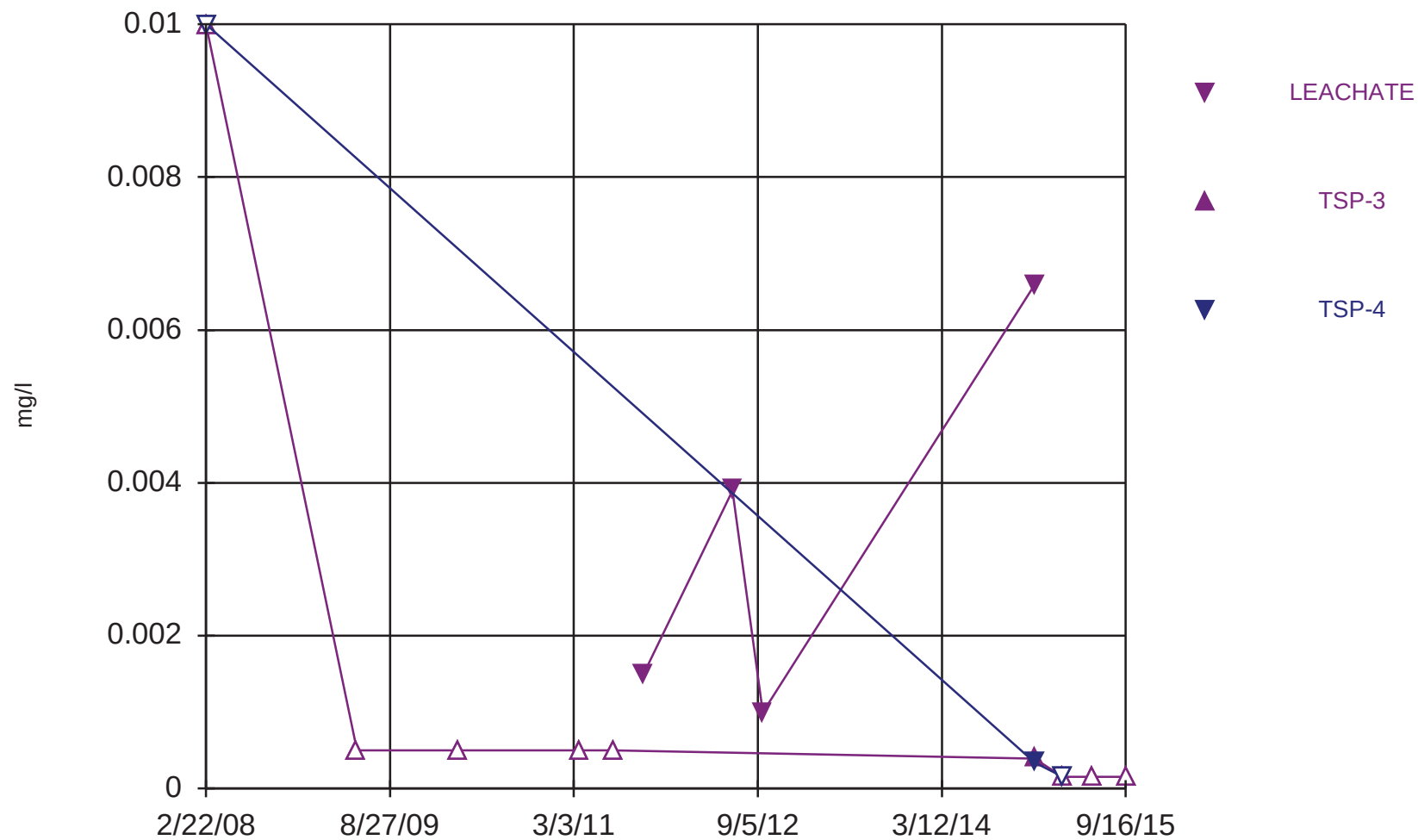
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:57 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

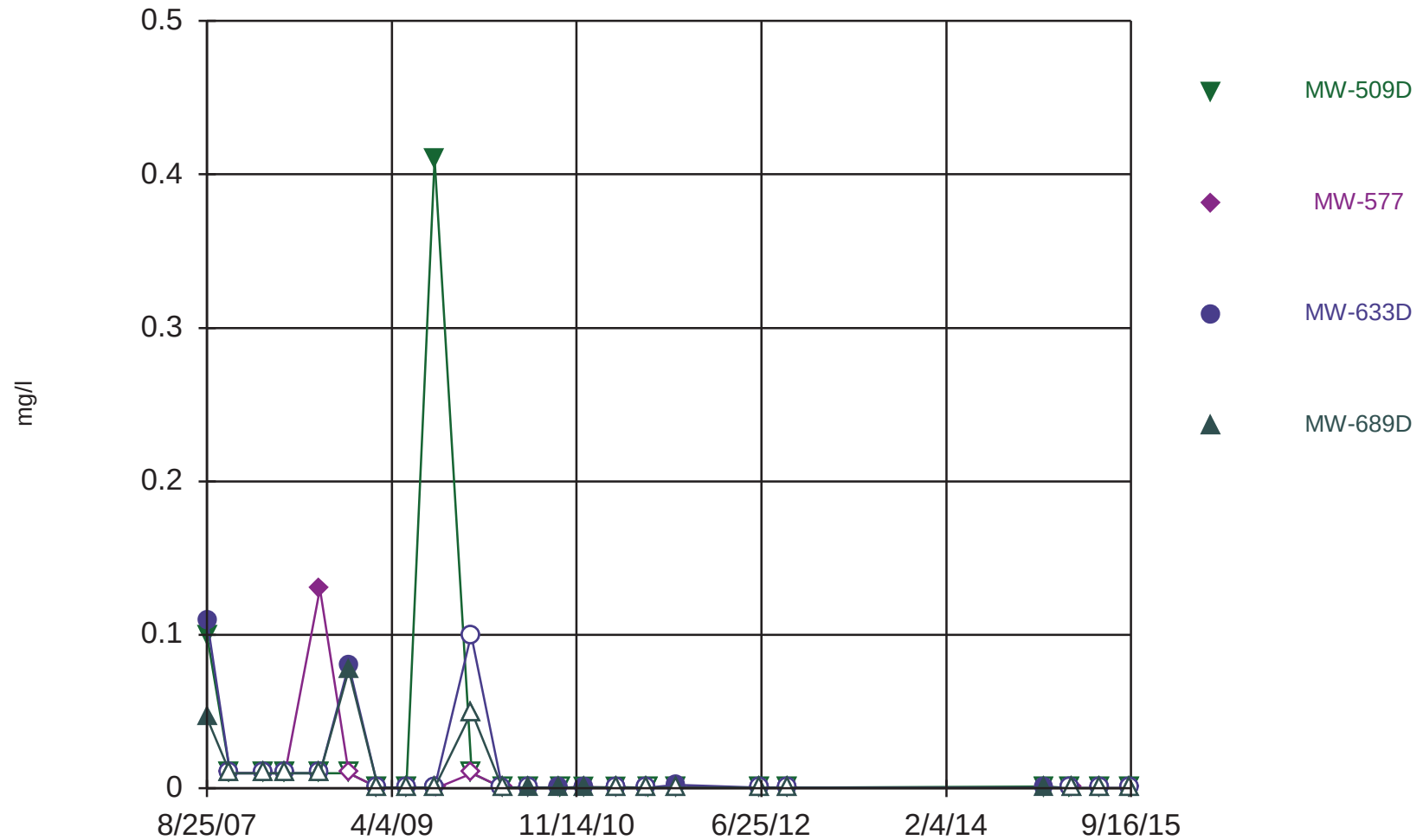
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:58 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

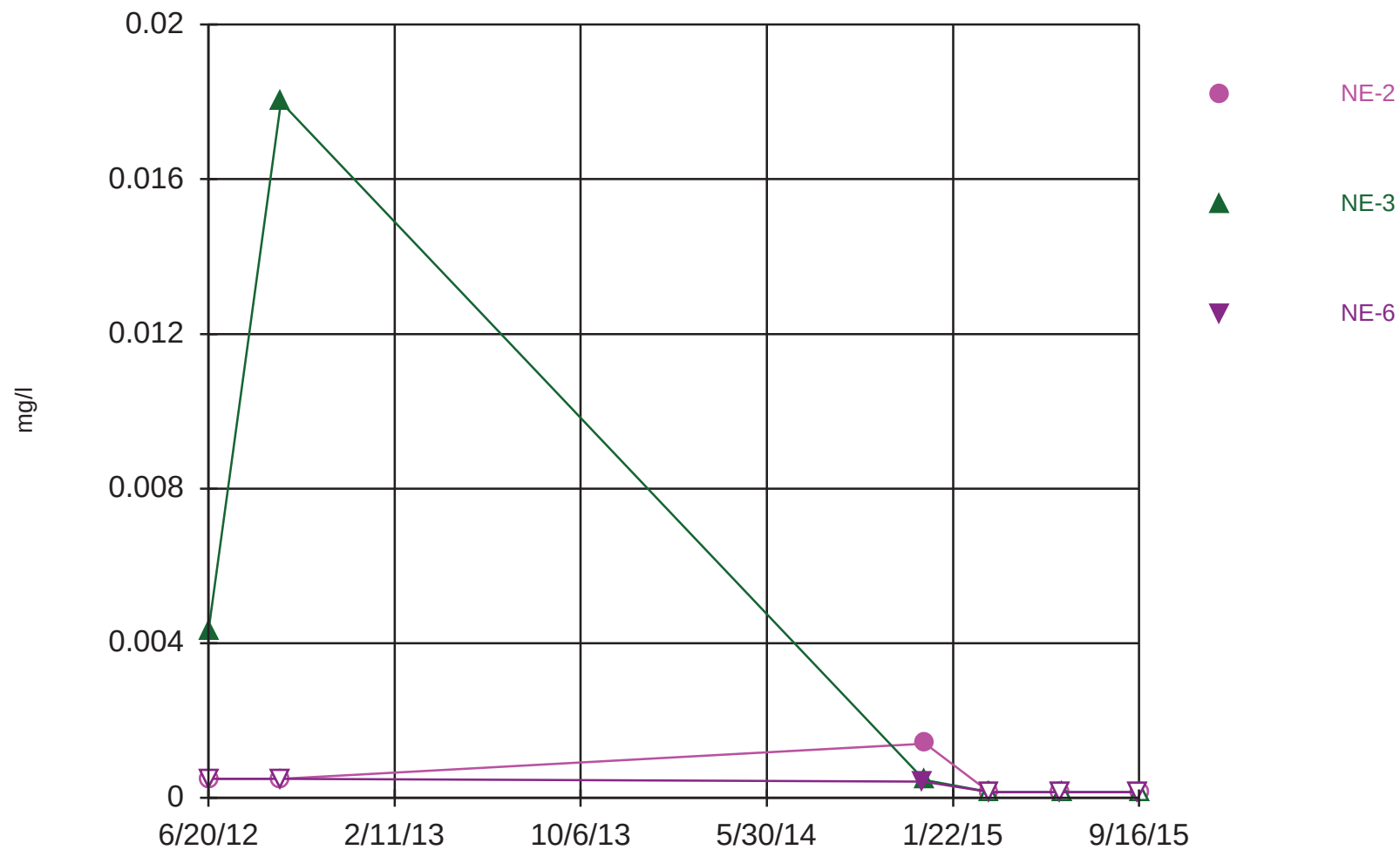
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:59 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

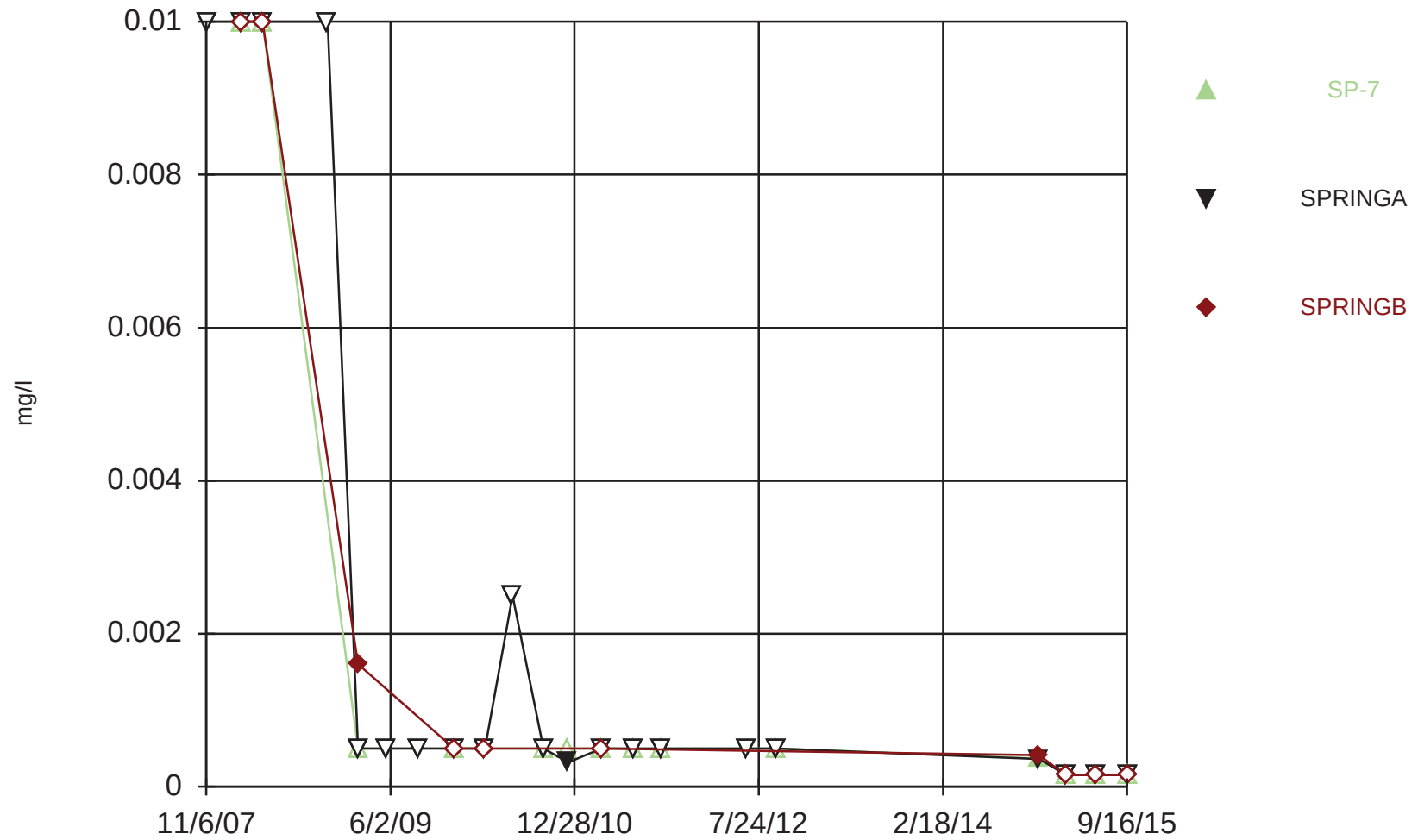
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:59 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

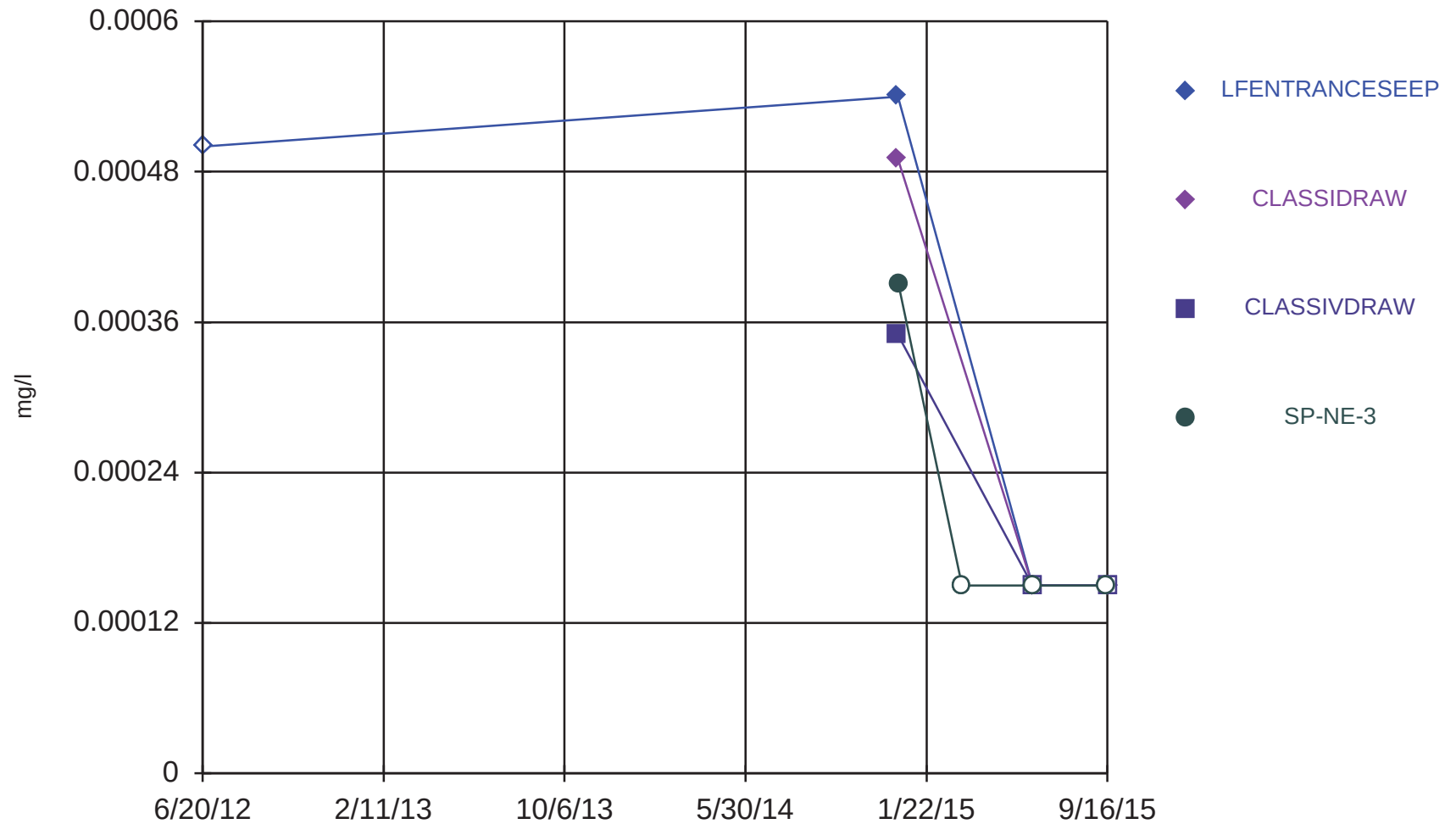
Time Series



Constituent: Tin Analysis Run 10/23/2015 10:59 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

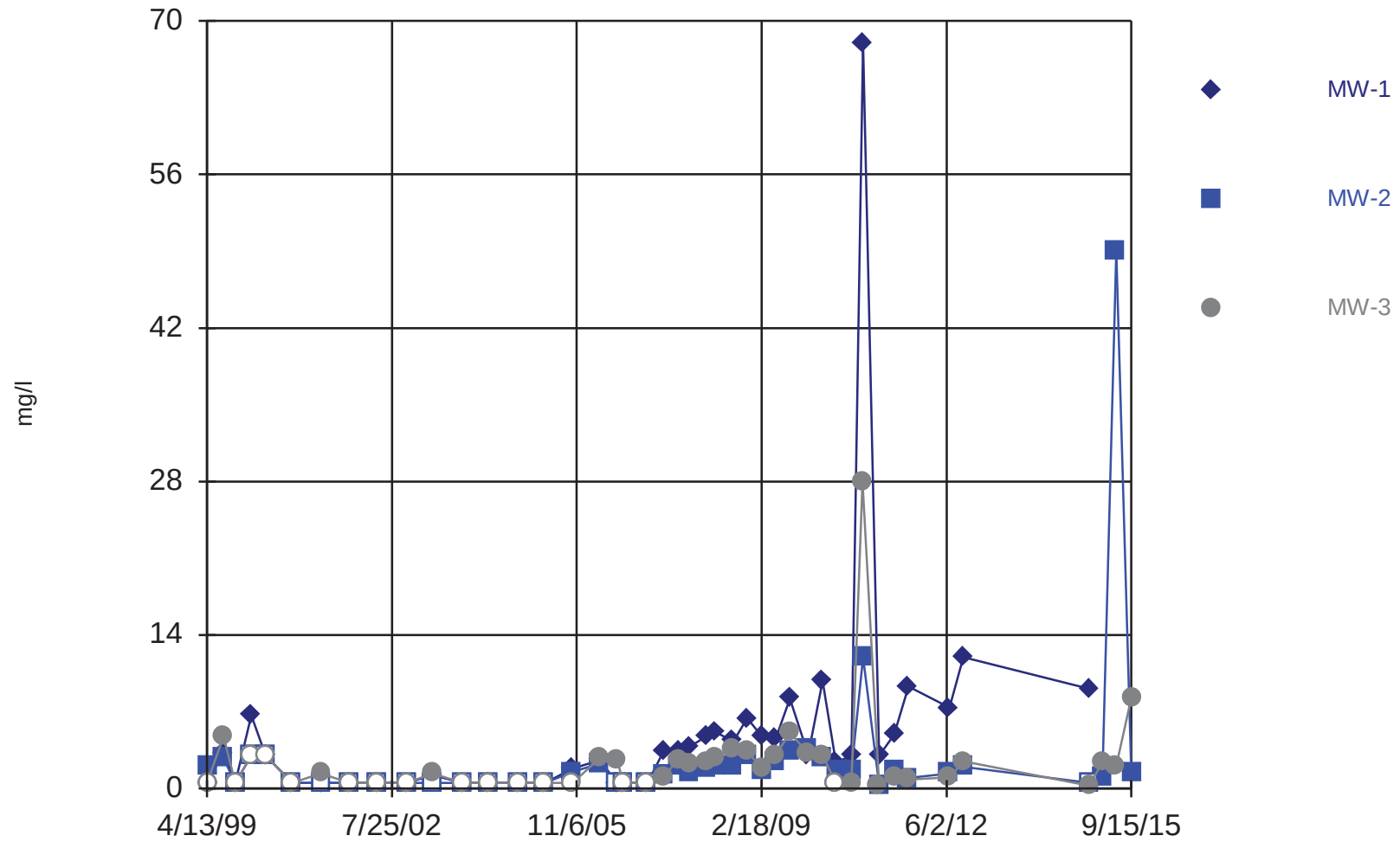
Time Series



Constituent: Tin Analysis Run 10/23/2015 11:00 AM

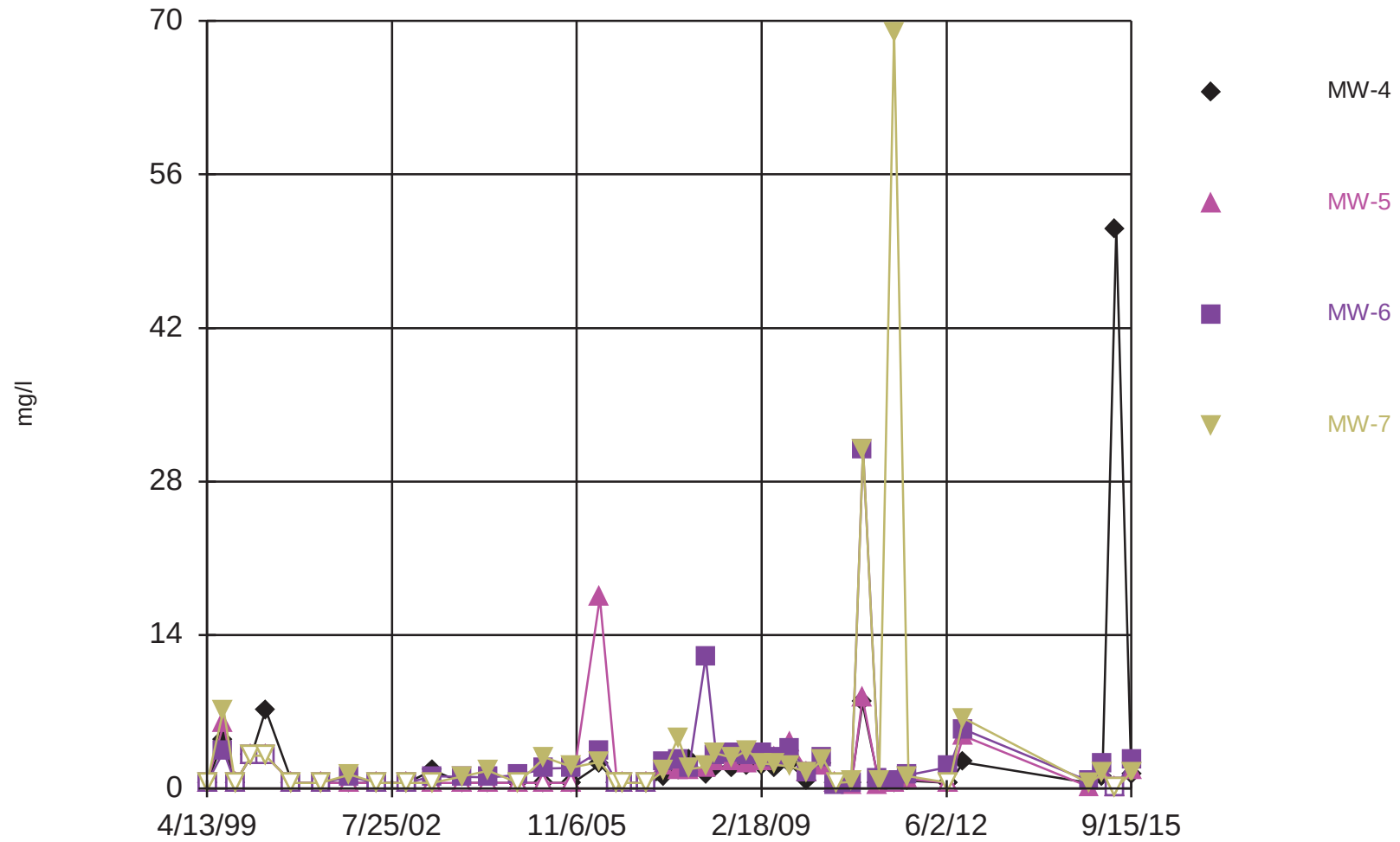
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



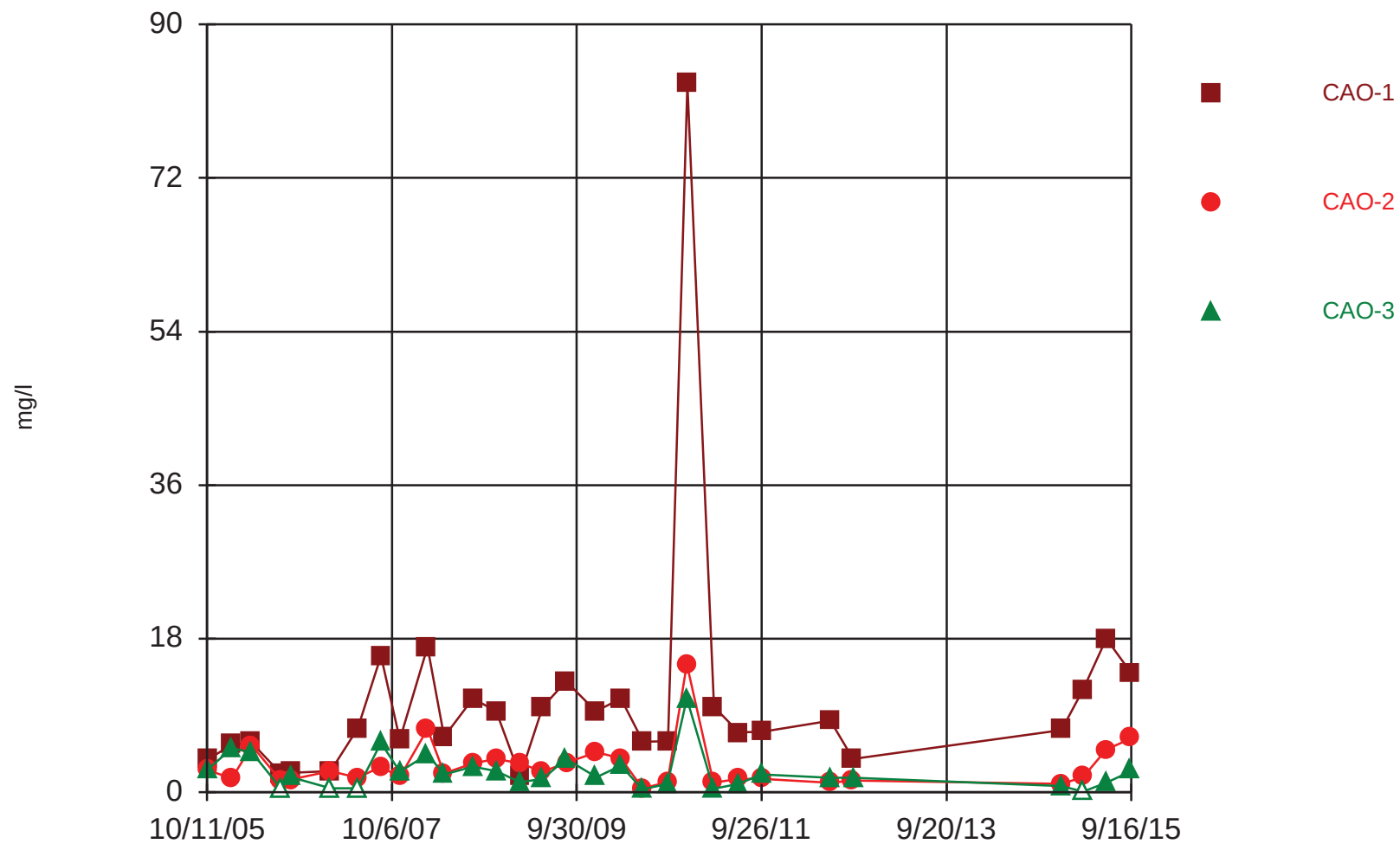
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:02 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



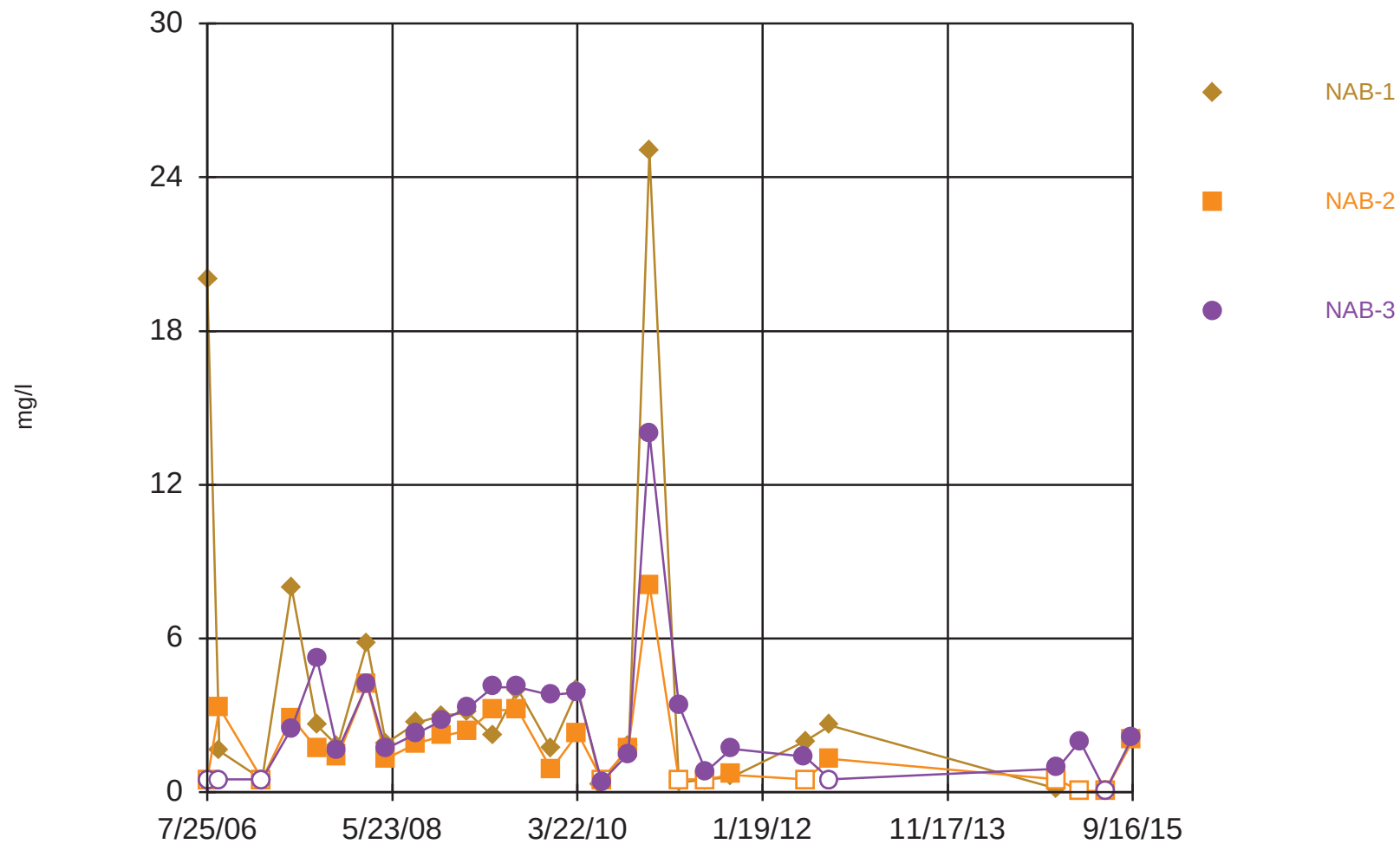
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:02 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



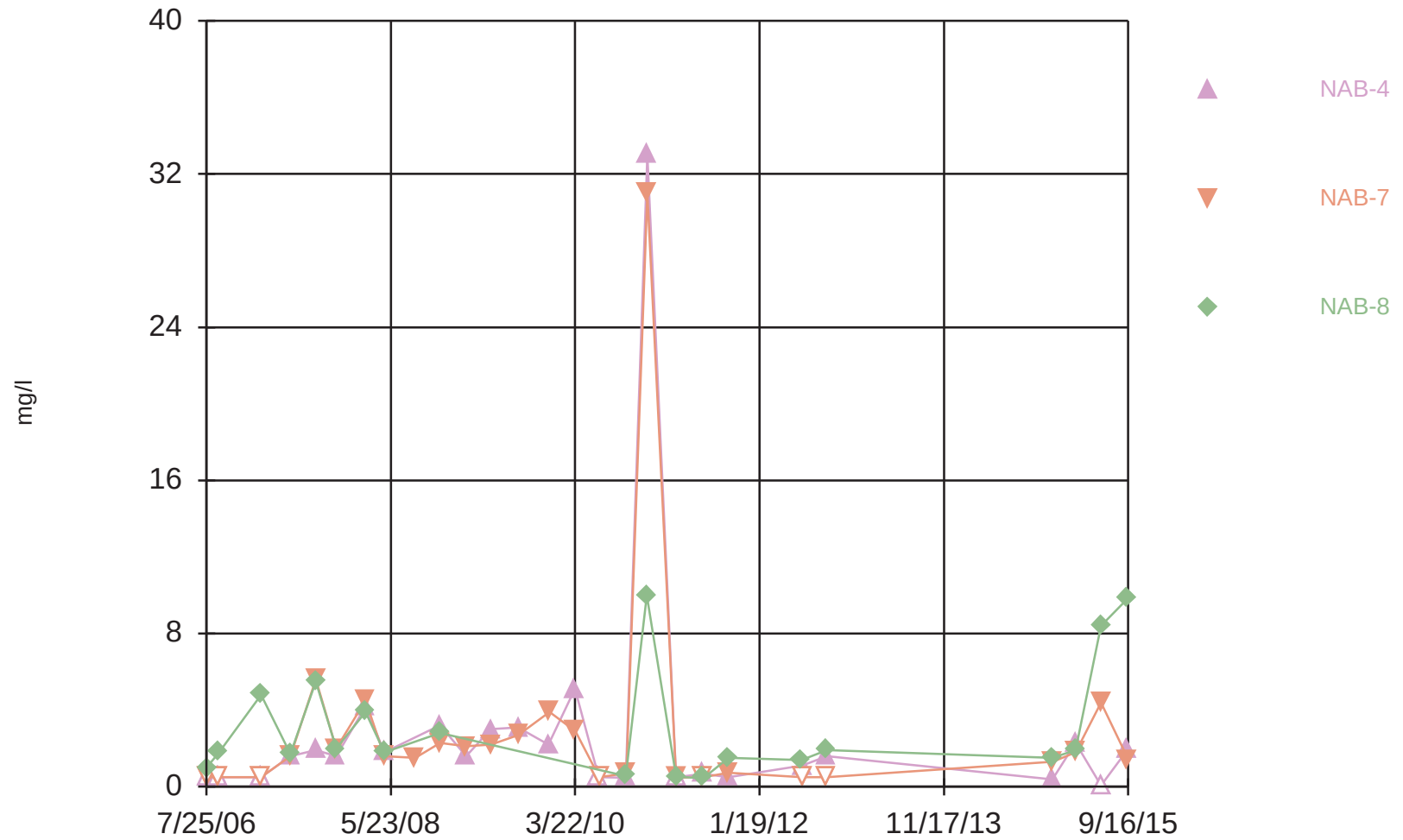
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:03 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

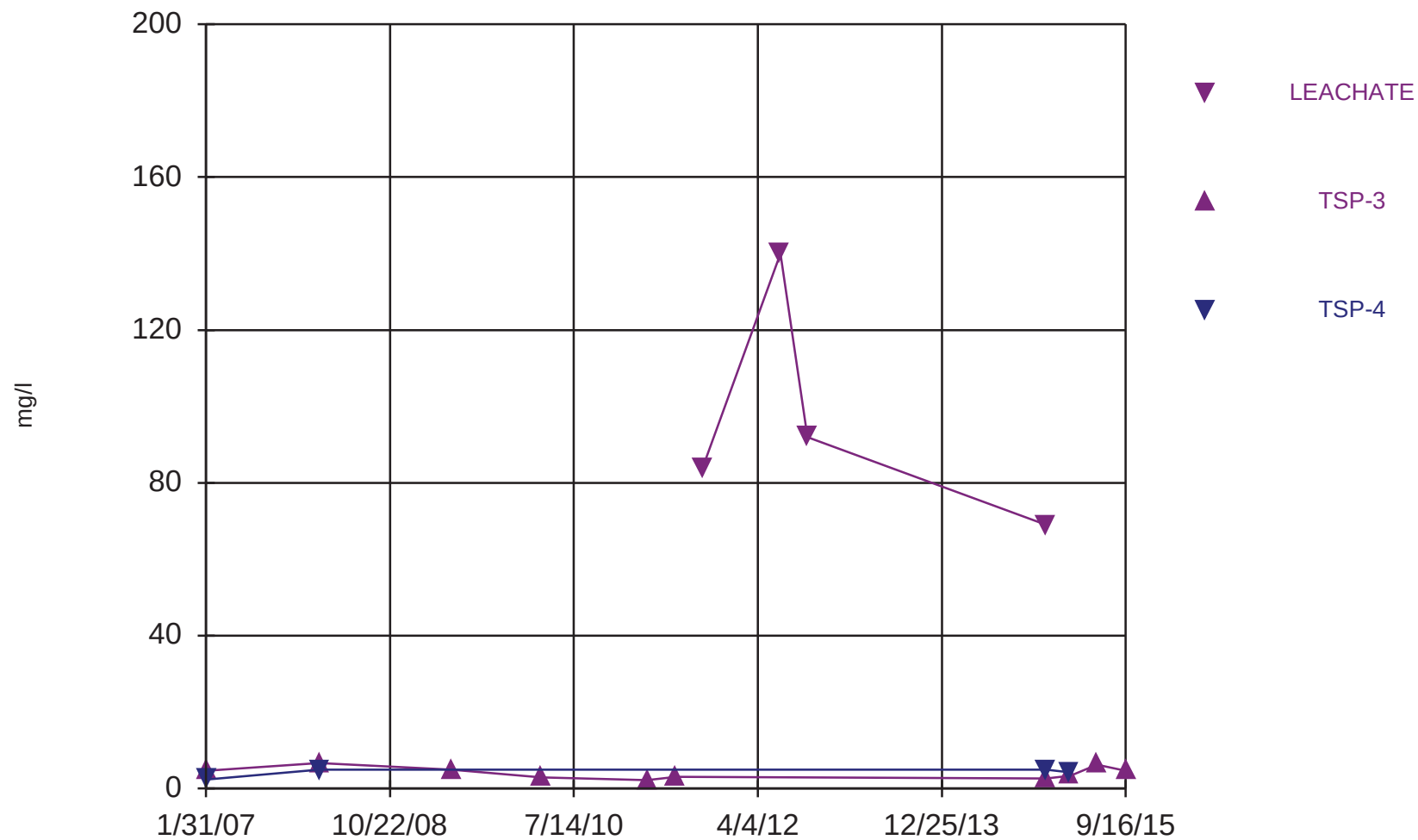


Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:03 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

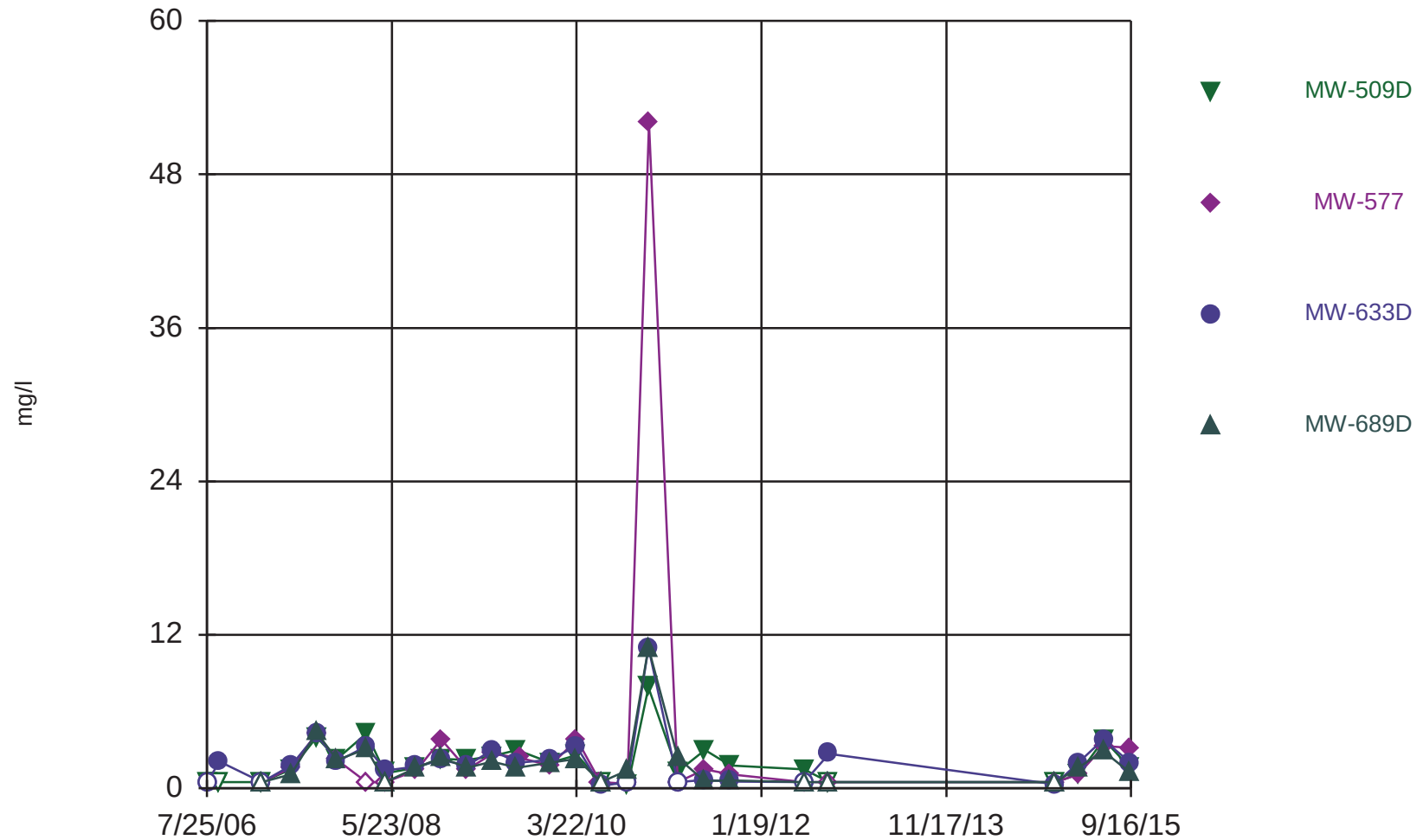


Time Series



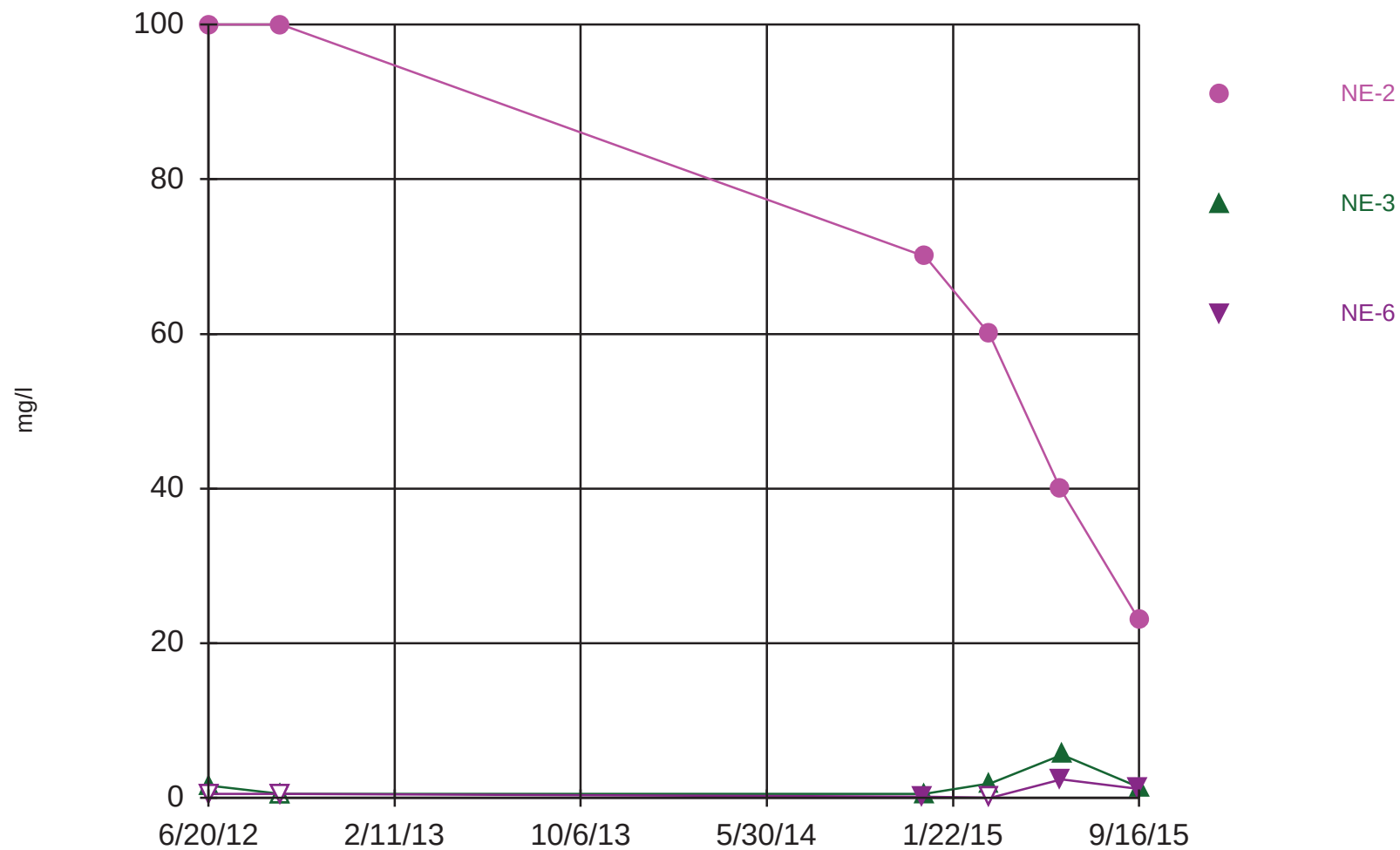
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:04 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



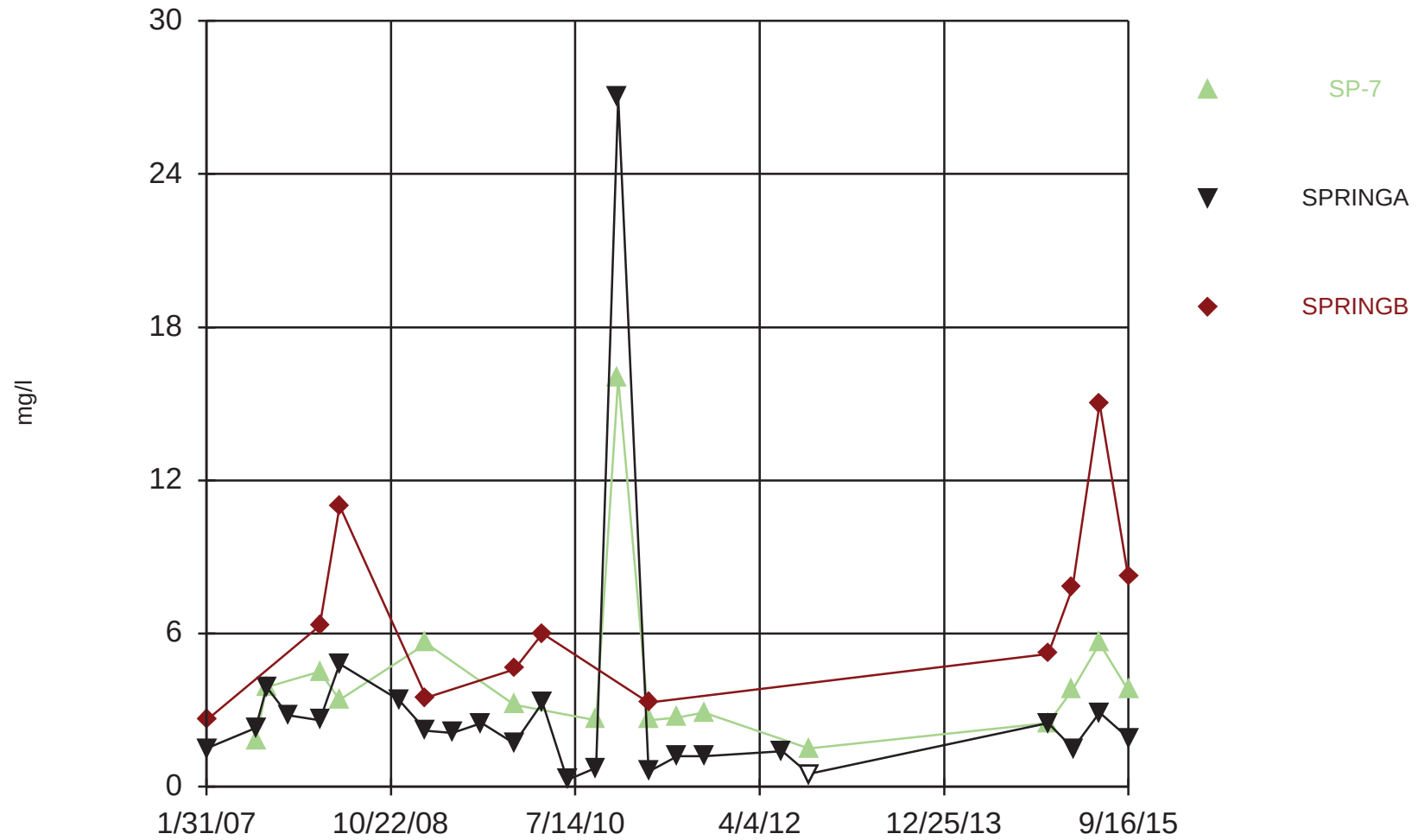
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:05 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



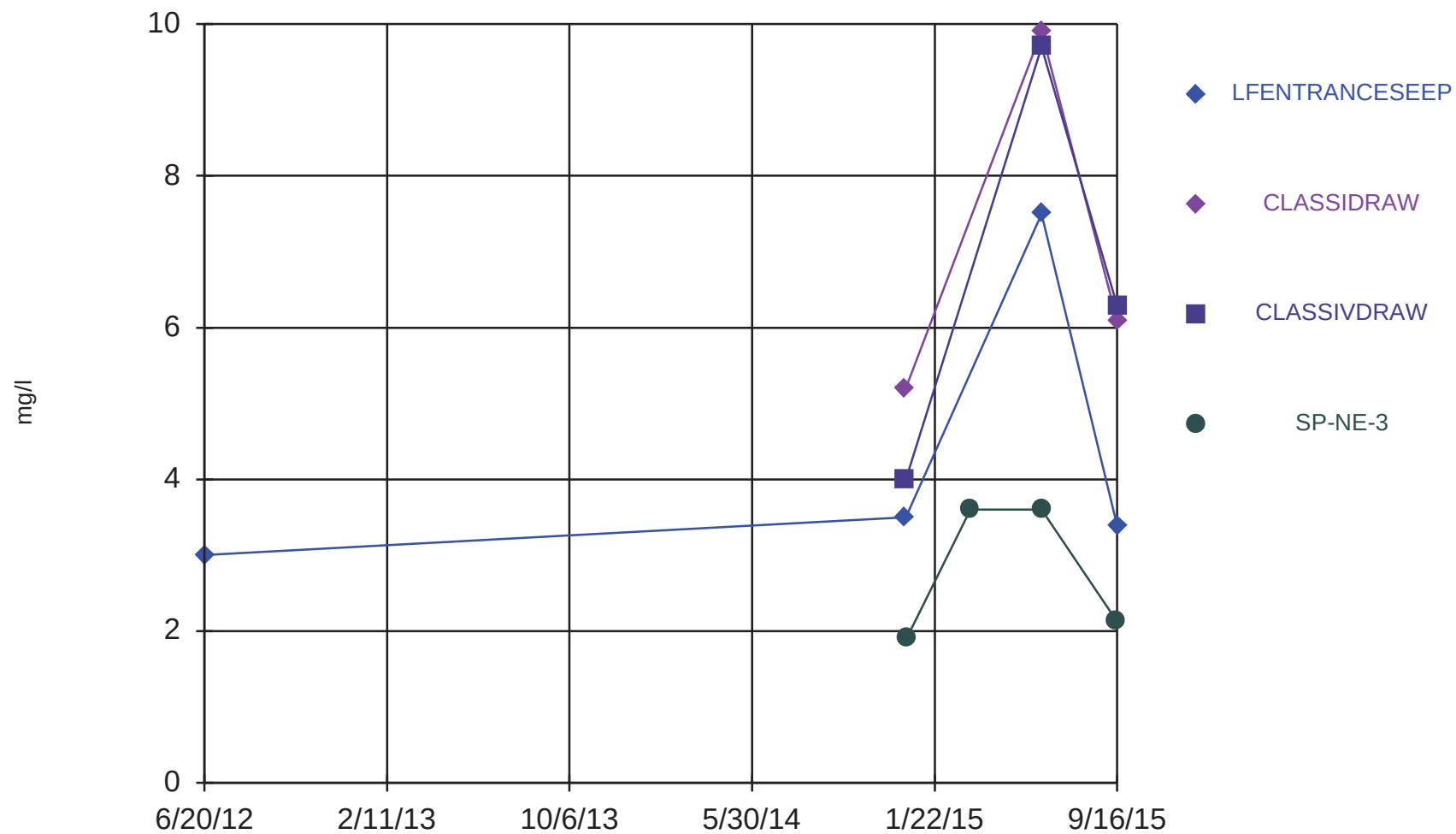
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:05 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



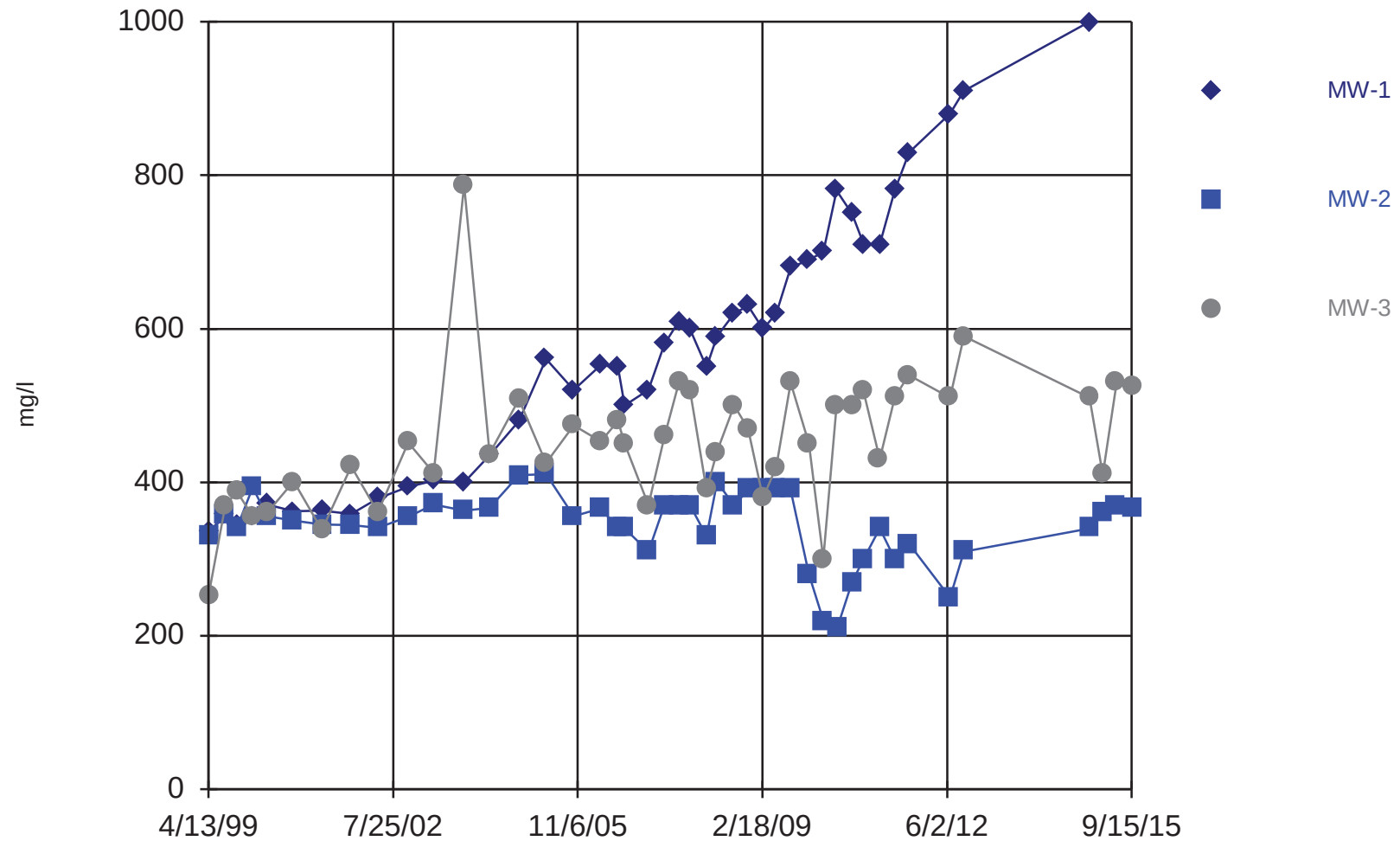
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:06 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



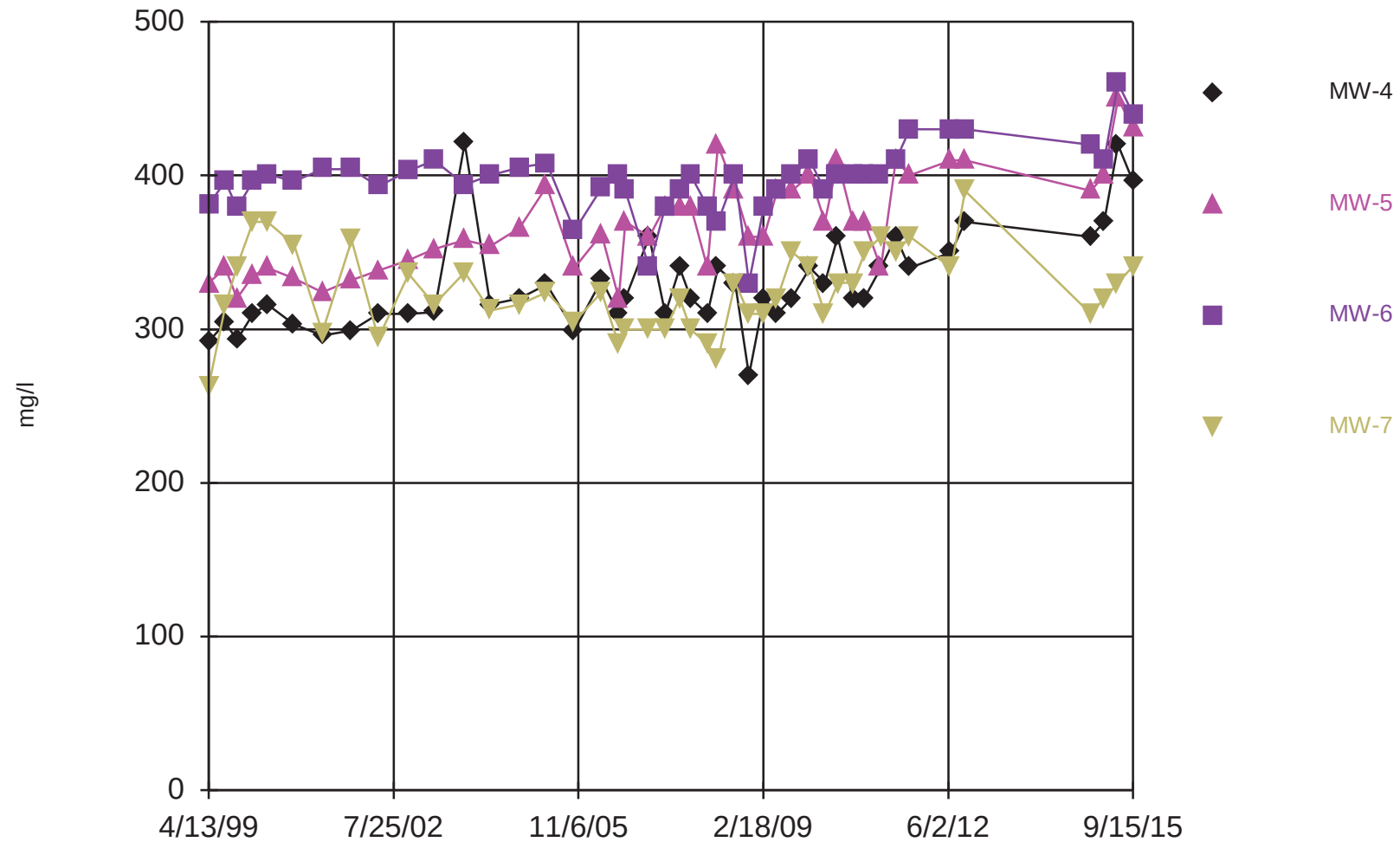
Constituent: TOC [Total Organic Carbon] Analysis Run 10/23/2015 11:06 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



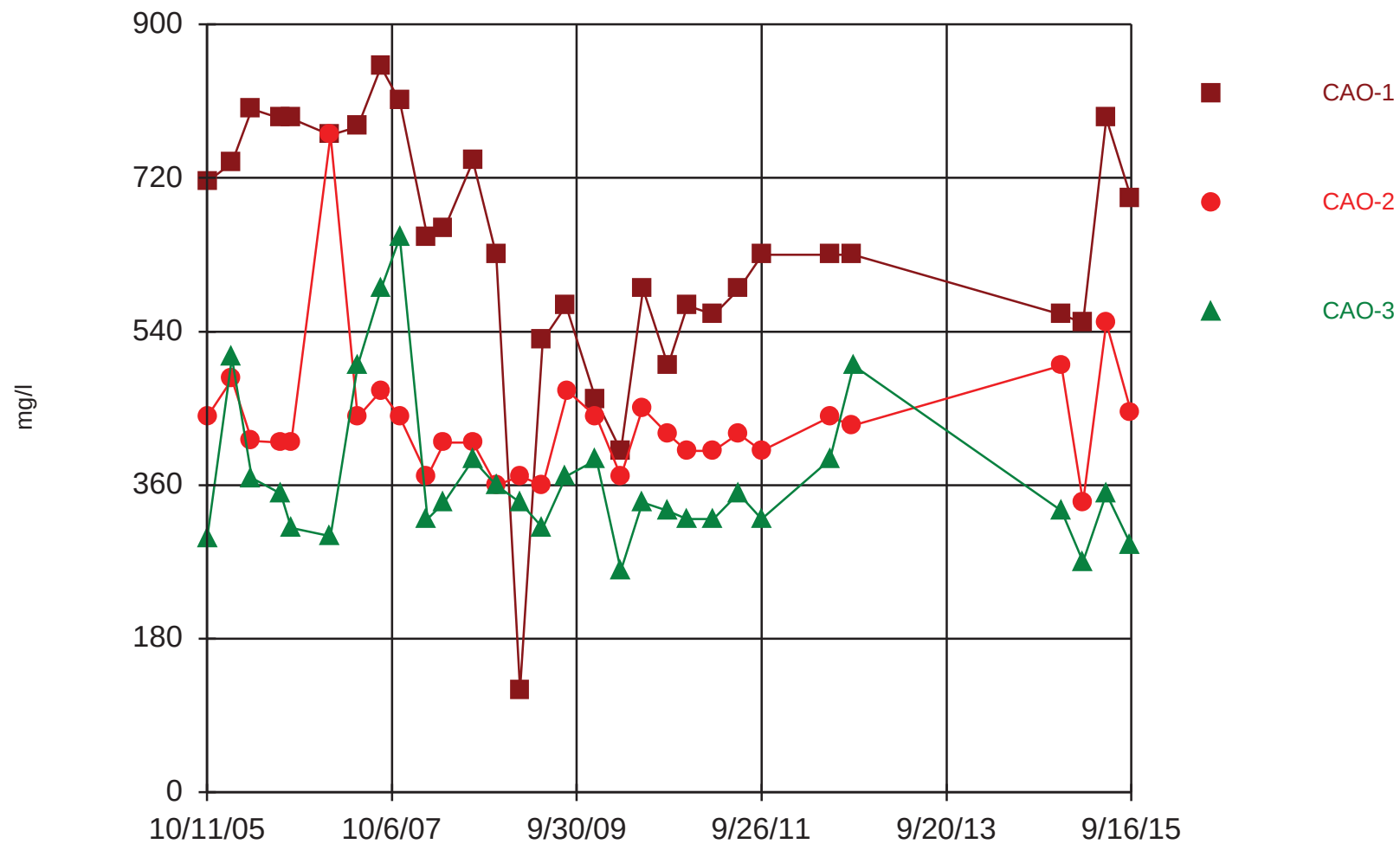
Constituent: Dissolved Solids Analysis Run 10/23/2015 11:07 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

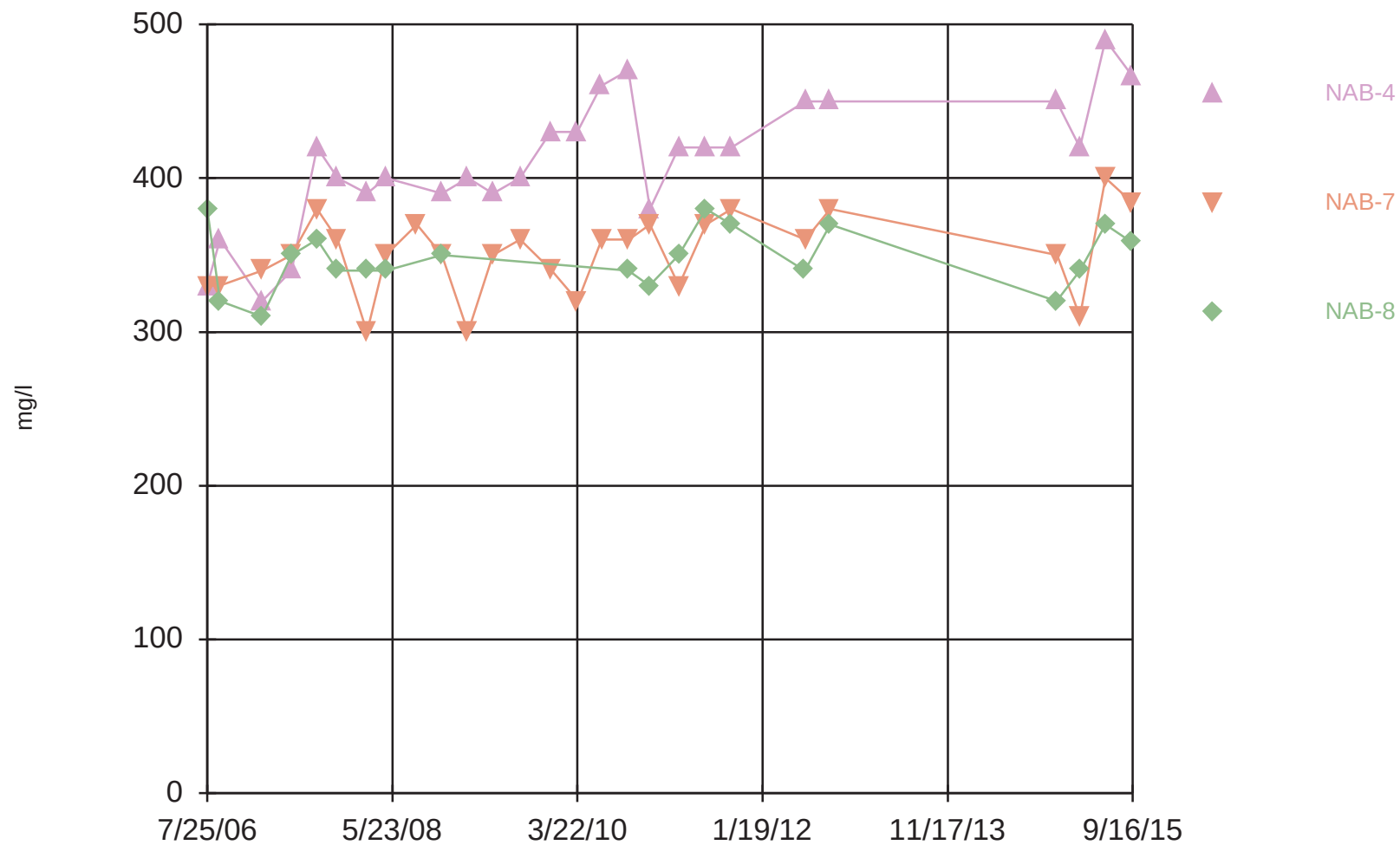


Constituent: Dissolved Solids Analysis Run 10/23/2015 11:07 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

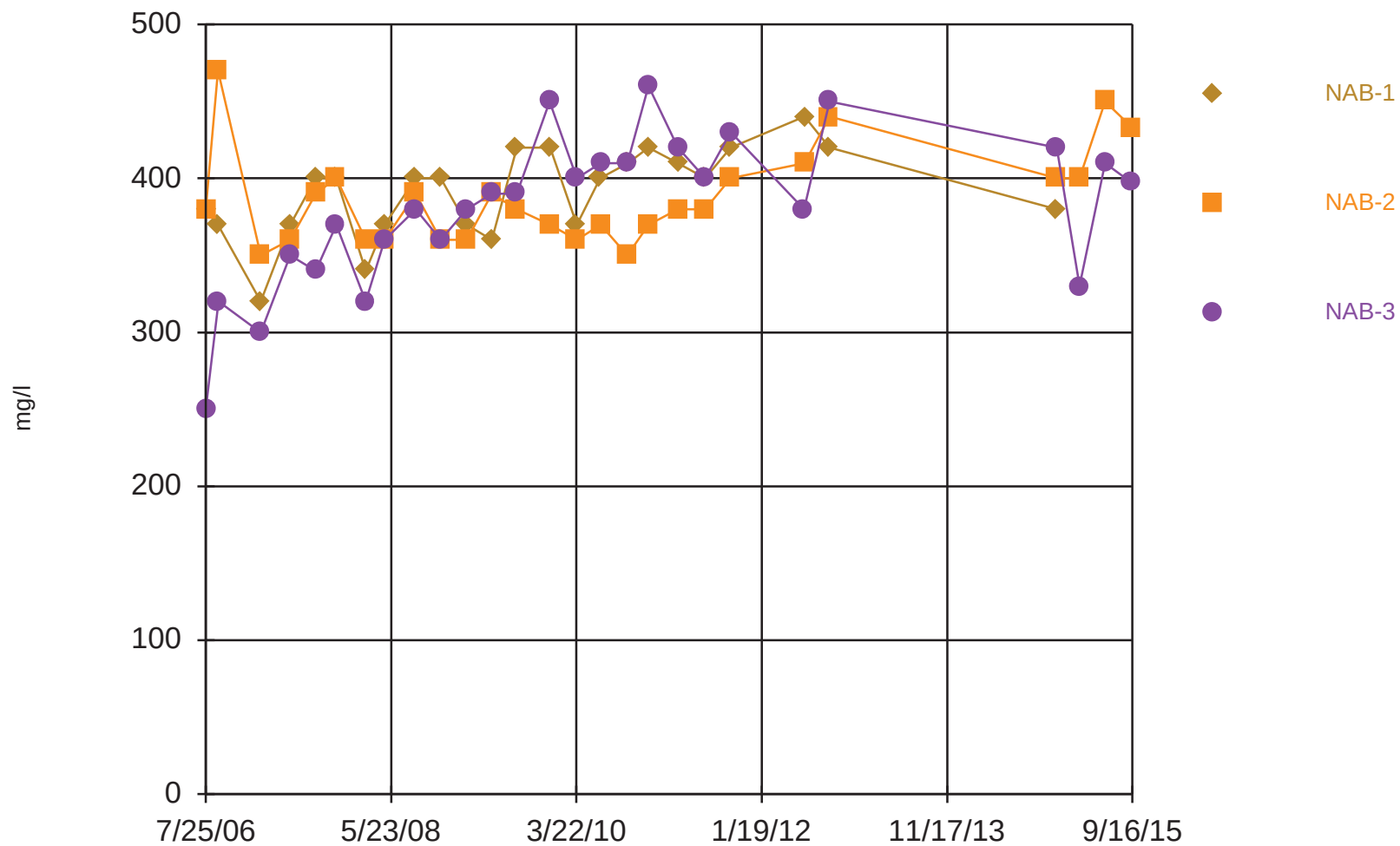


Time Series



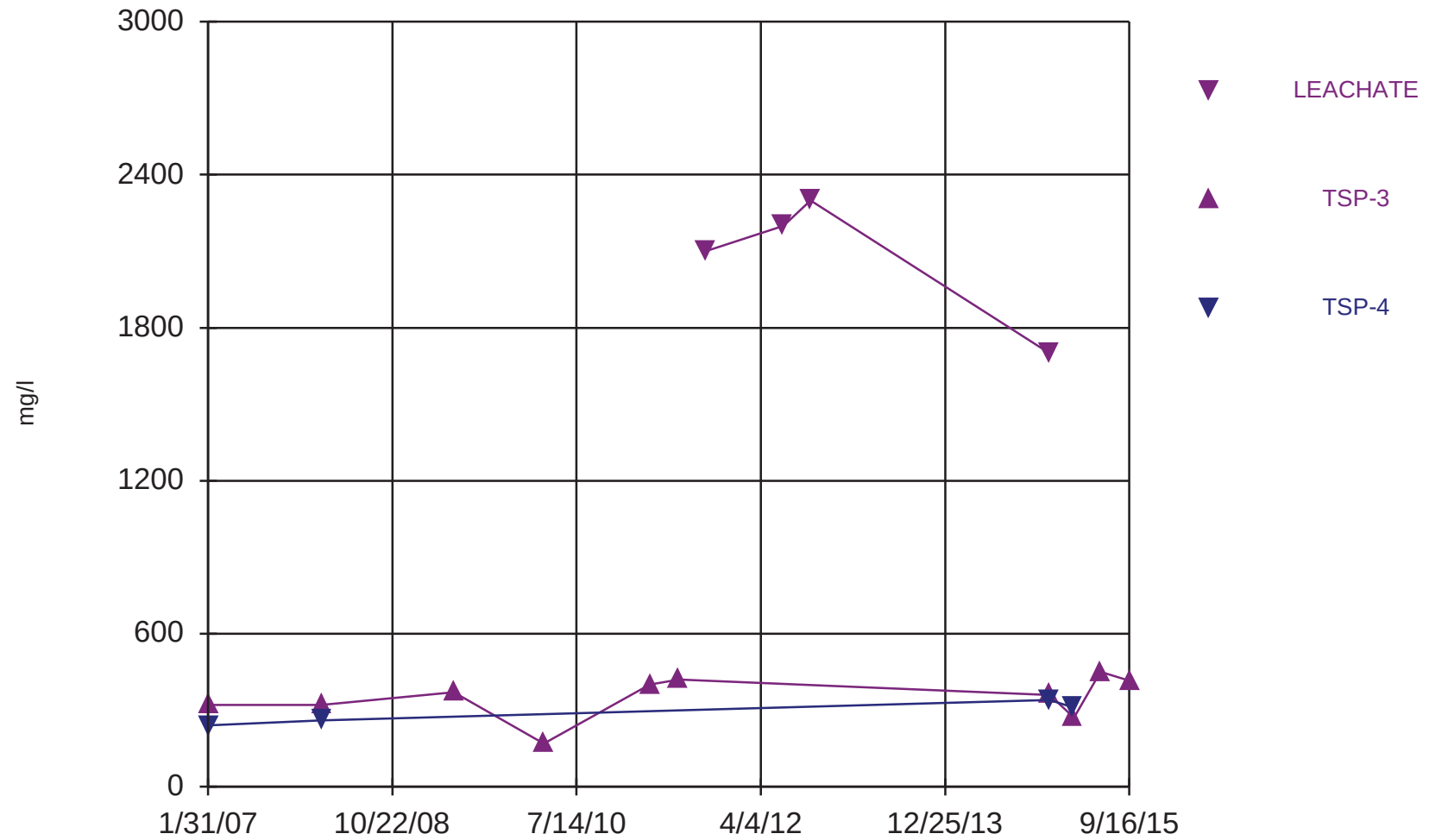
Constituent: Dissolved Solids Analysis Run 10/23/2015 11:09 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



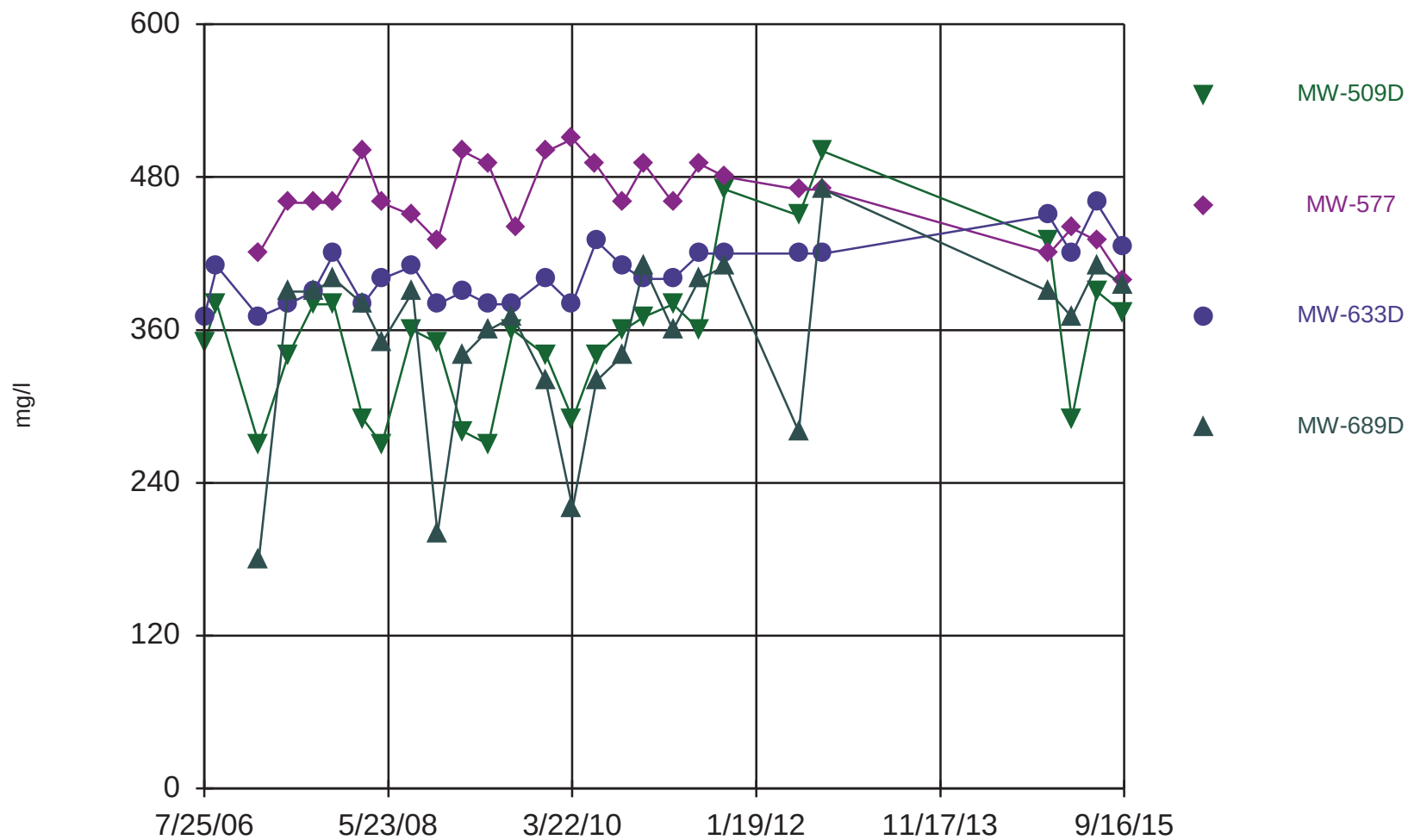
Constituent: Dissolved Solids Analysis Run 10/23/2015 11:10 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



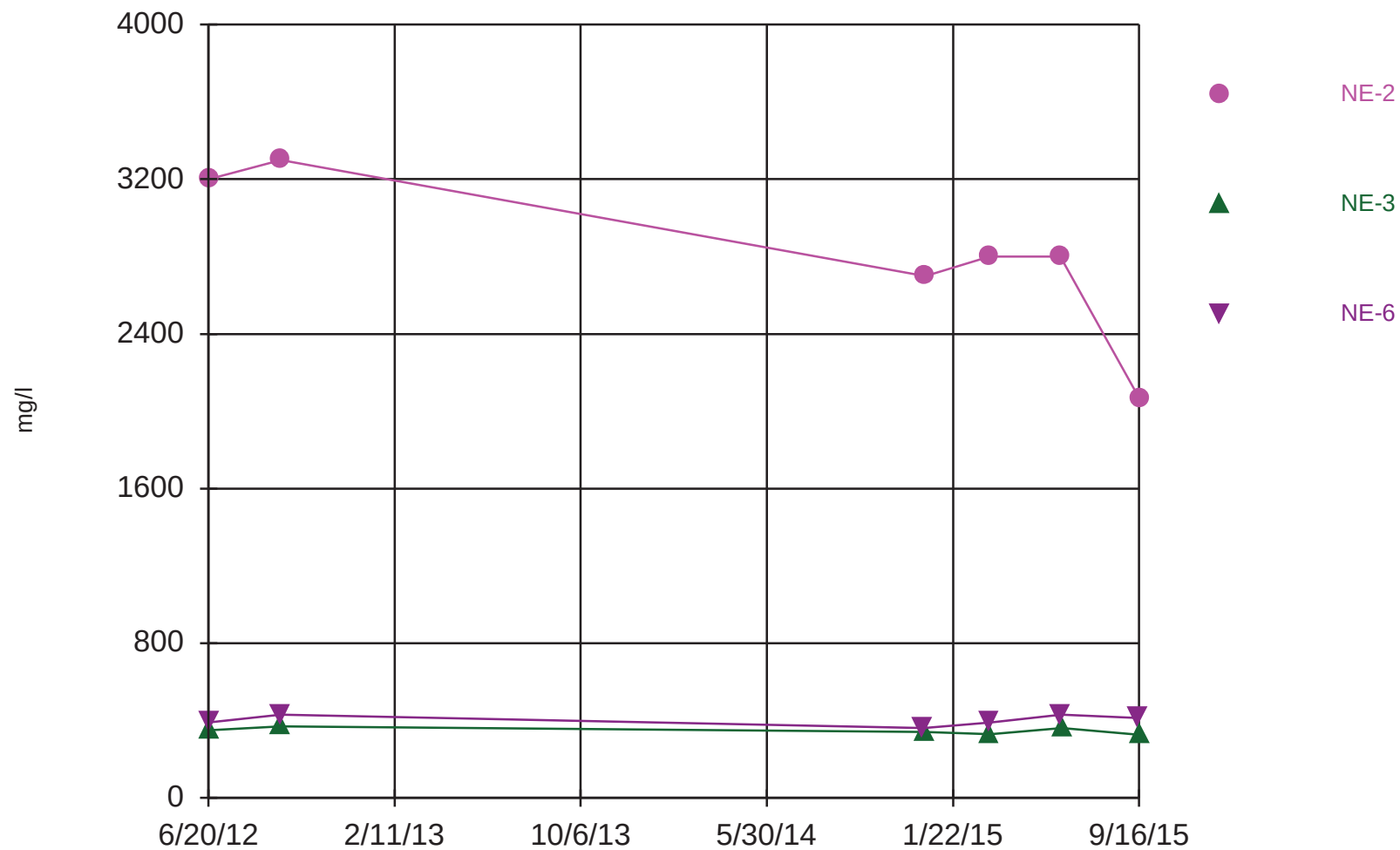
Constituent: Dissolved Solids Analysis Run 10/23/2015 11:10 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



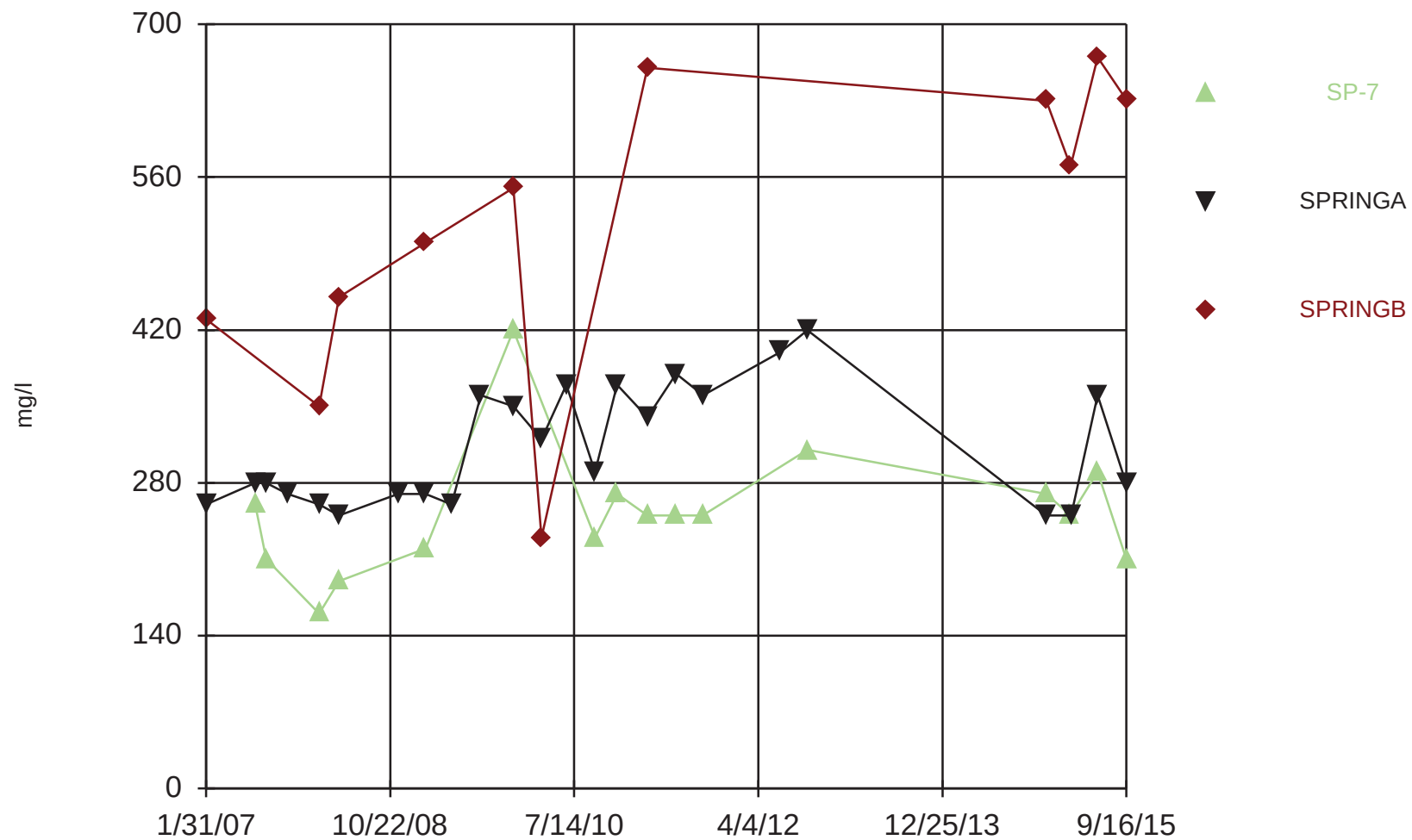
Constituent: Dissolved Solids Analysis Run 10/23/2015 11:10 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

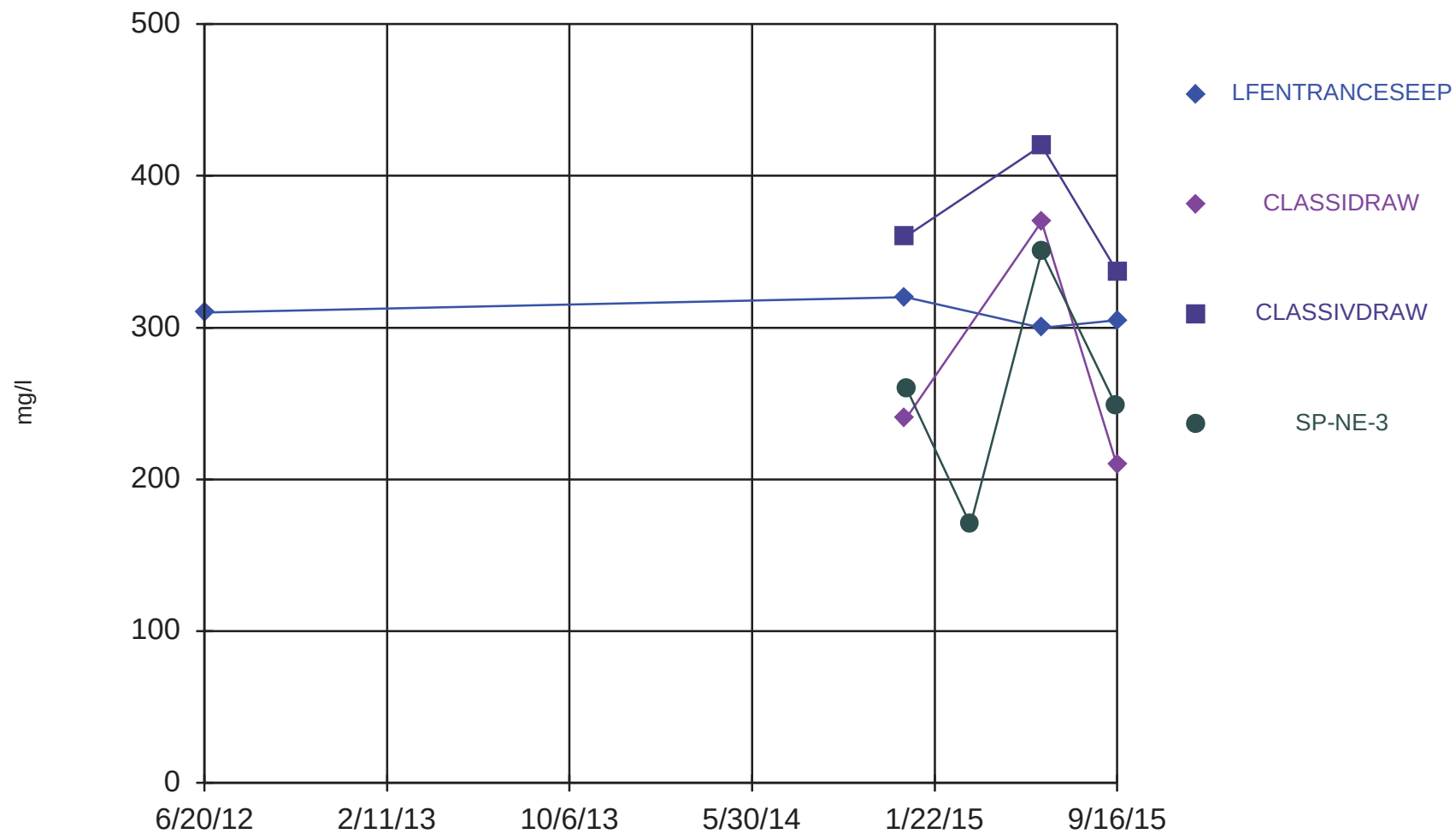


Constituent: Dissolved Solids Analysis Run 10/23/2015 11:11 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

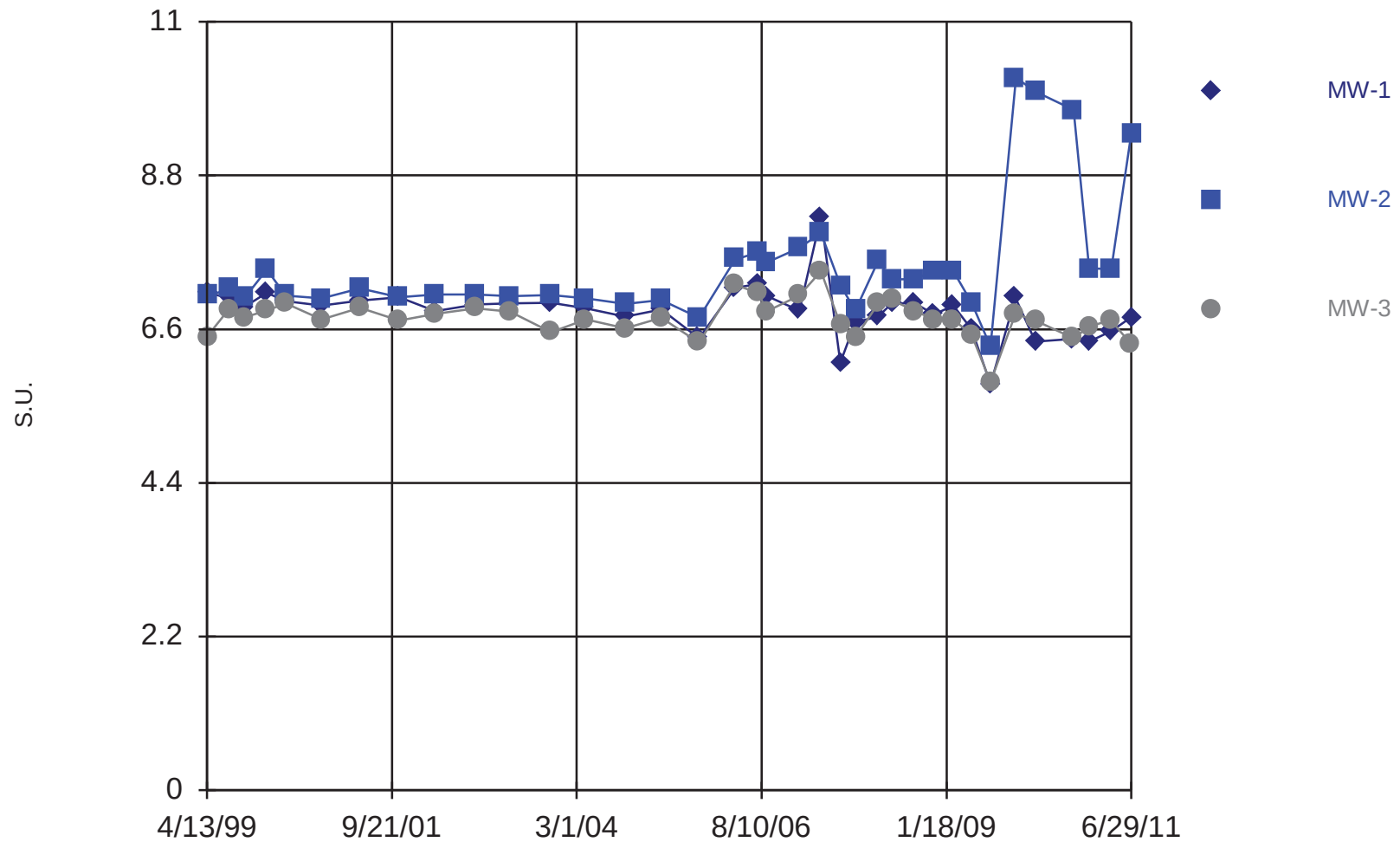


Time Series



Constituent: Dissolved Solids Analysis Run 10/23/2015 11:12 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

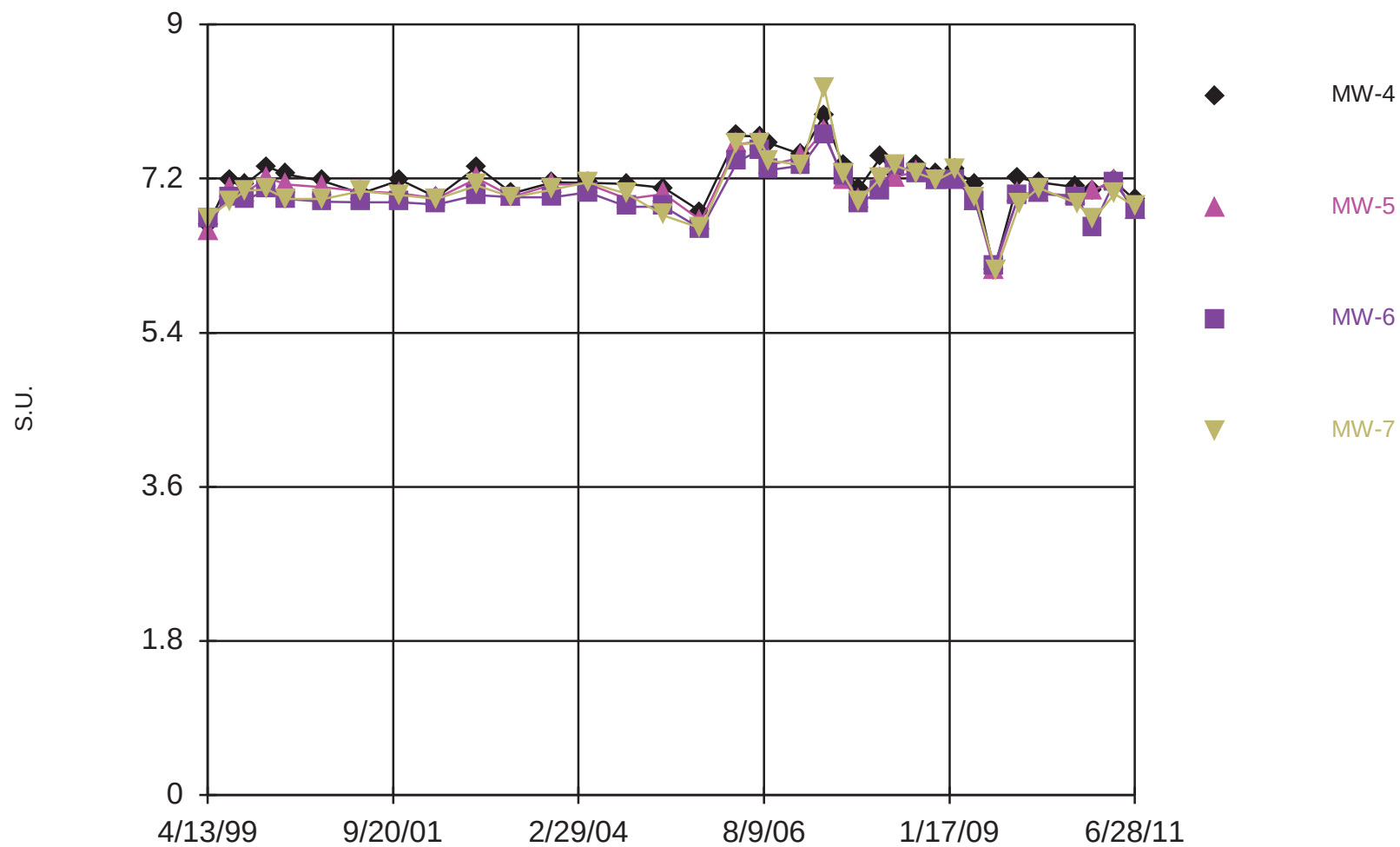
Time Series



Constituent: pH Analysis Run 10/23/2015 11:12 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

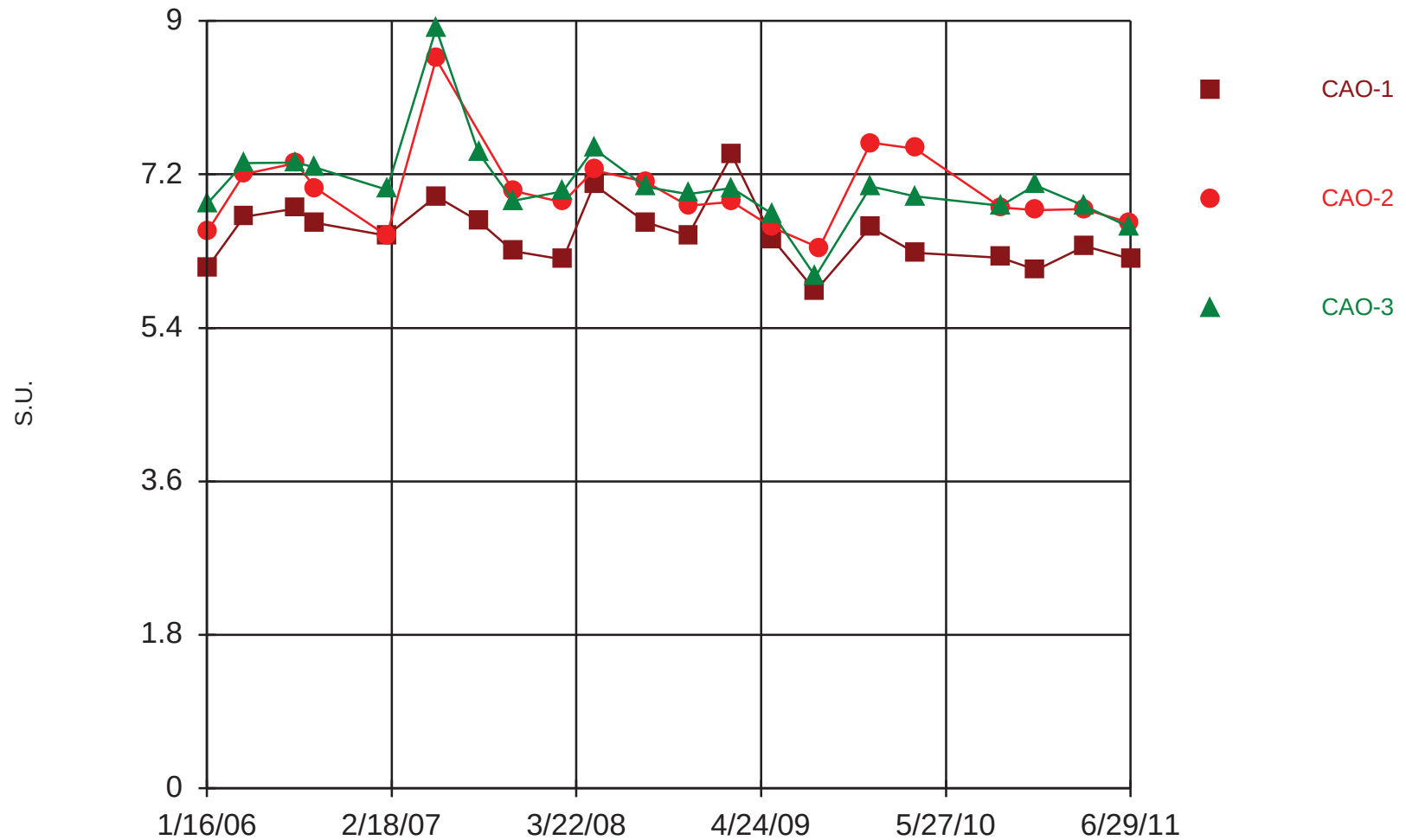
Time Series



Constituent: pH Analysis Run 10/23/2015 11:13 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

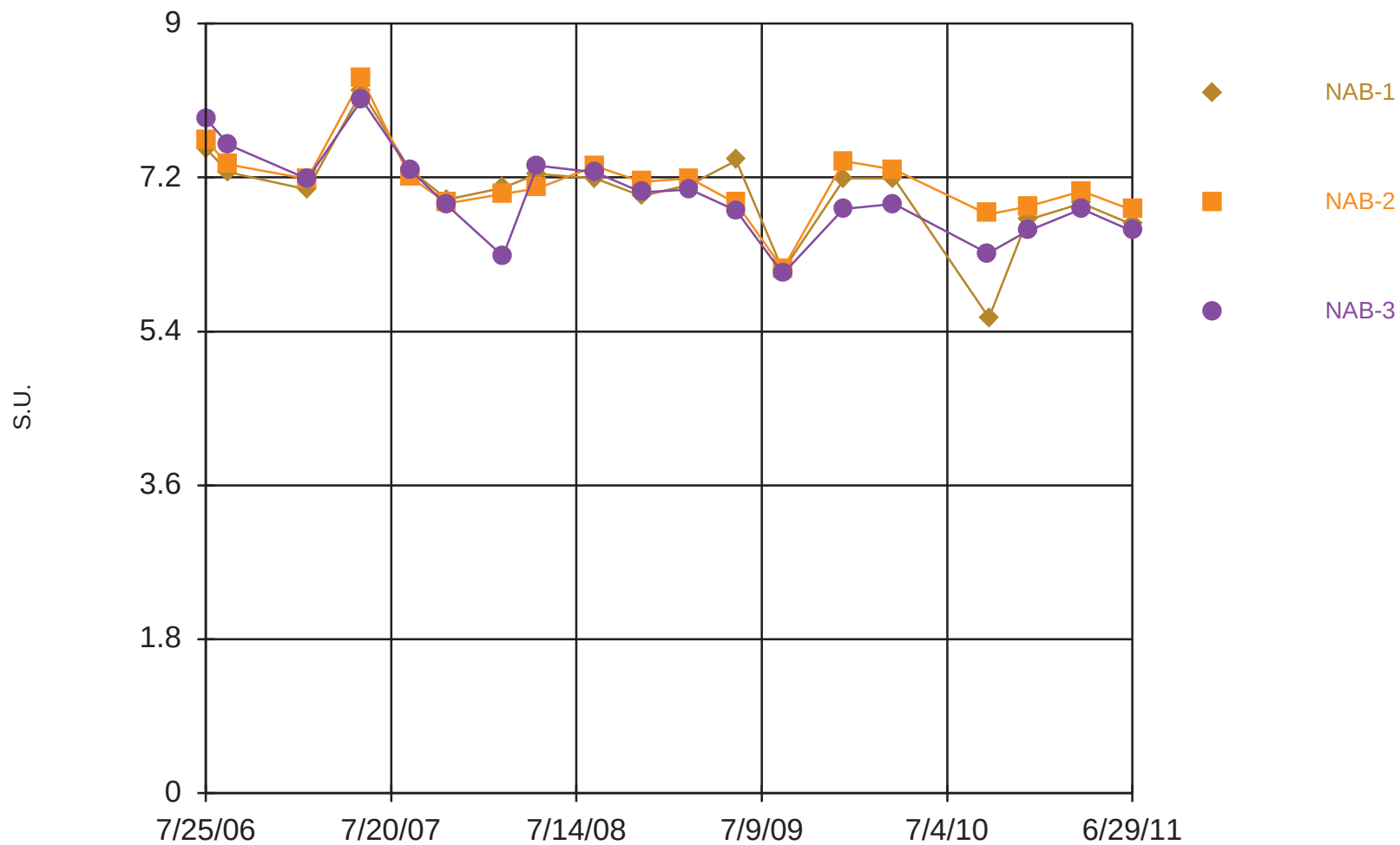
Time Series



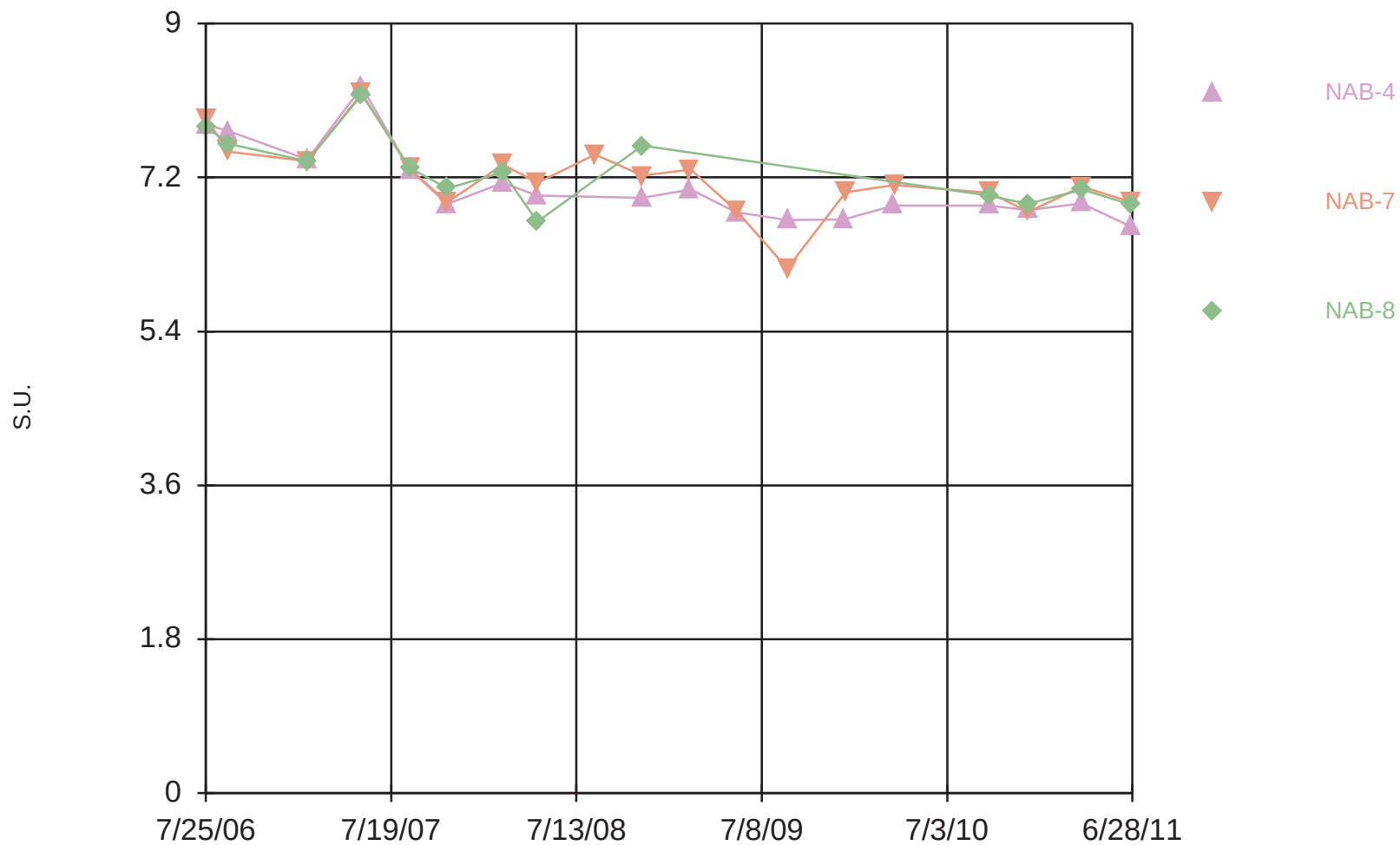
Constituent: pH Analysis Run 10/23/2015 11:13 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series



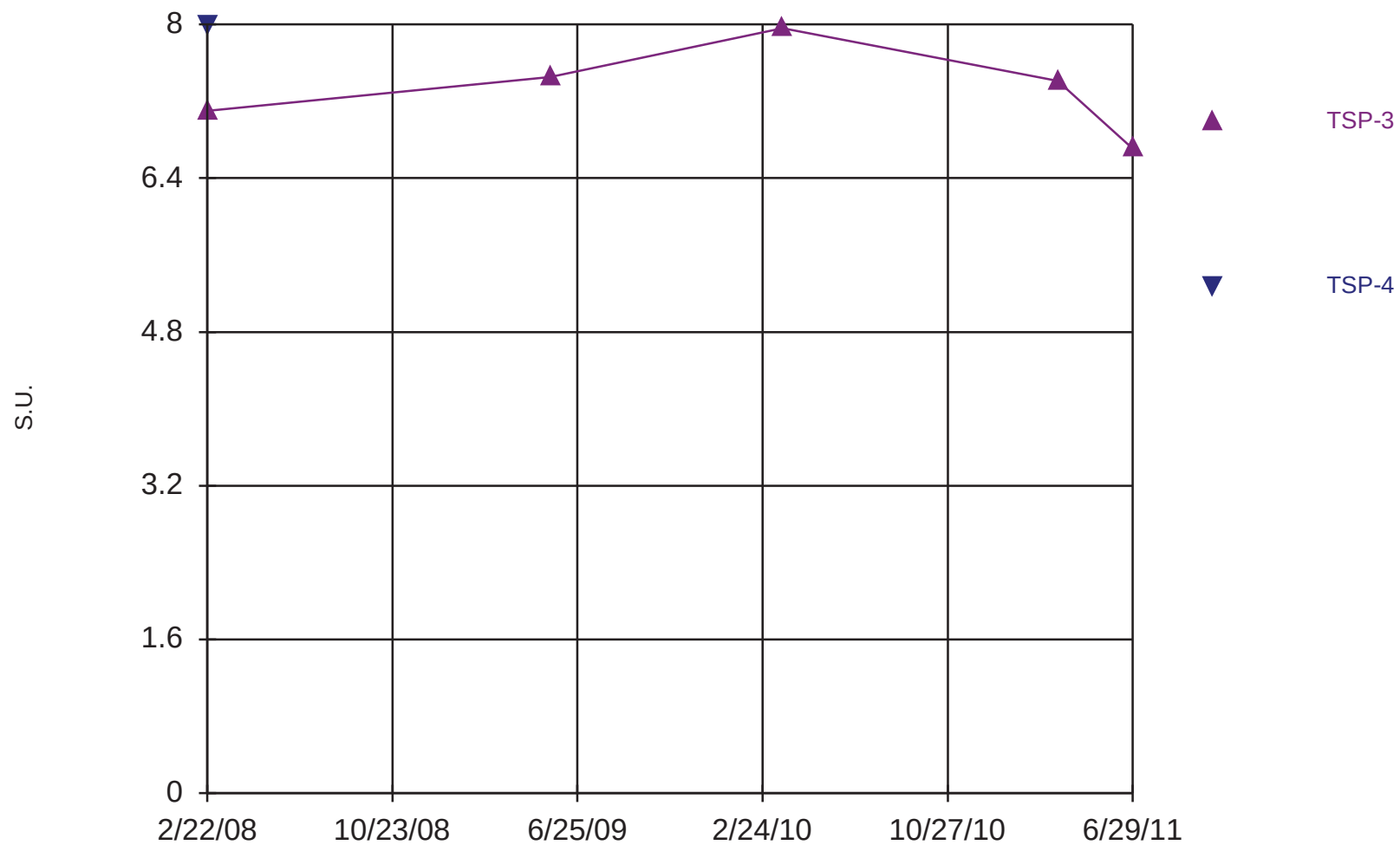
Time Series



Constituent: pH Analysis Run 10/23/2015 11:13 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

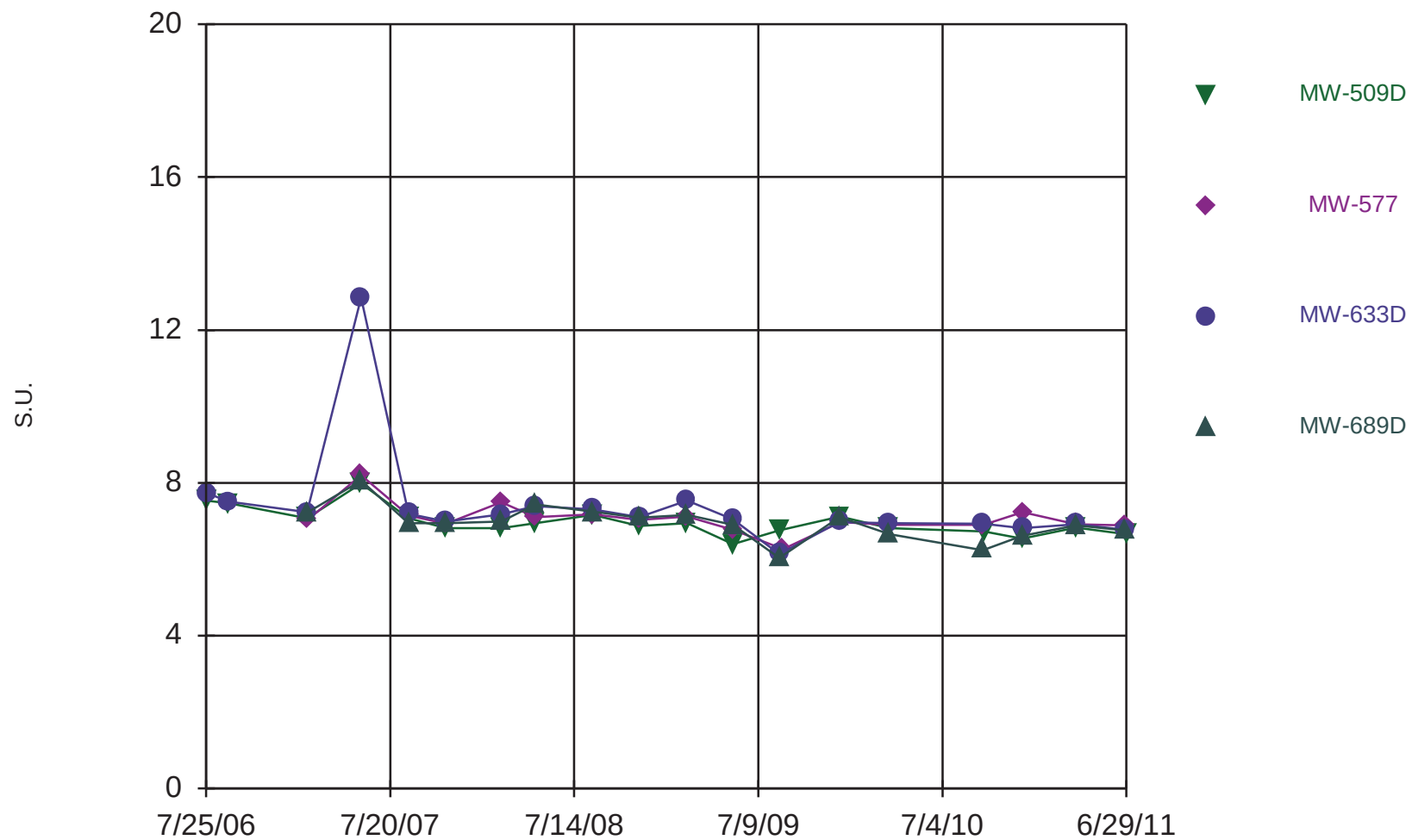
Time Series



Constituent: pH Analysis Run 10/23/2015 11:14 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

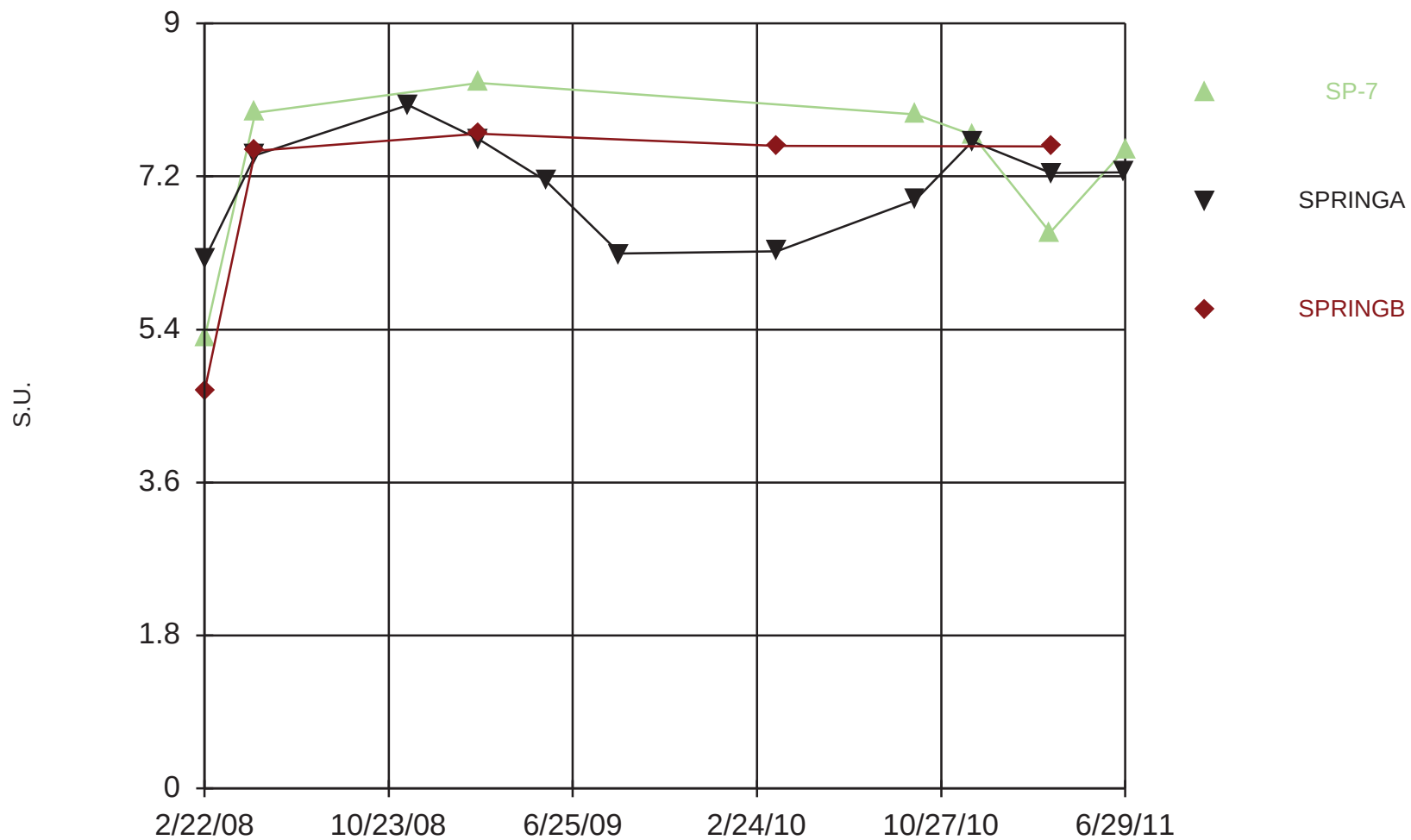
Time Series



Constituent: pH Analysis Run 10/23/2015 11:14 AM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

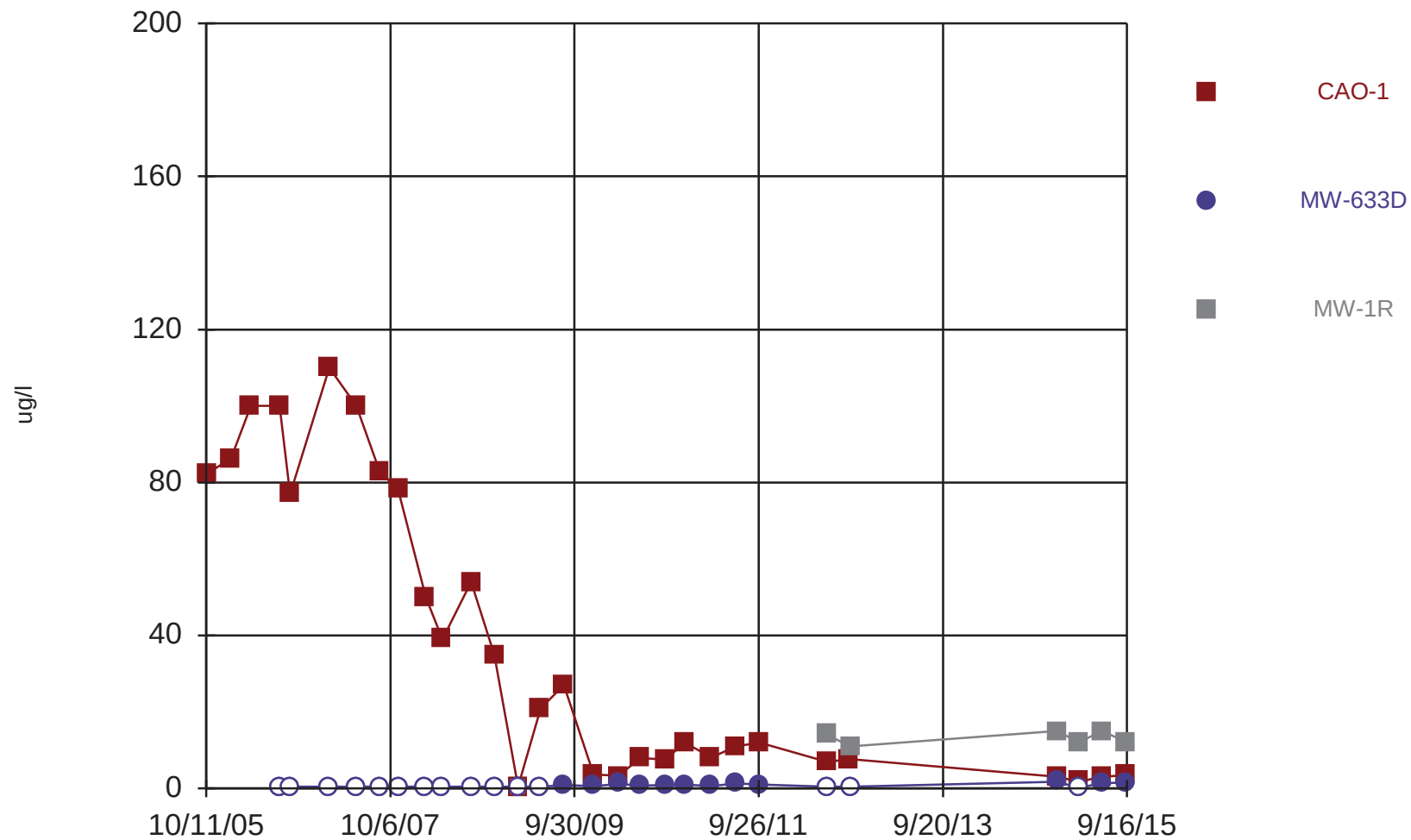
Time Series



Constituent: pH Analysis Run 10/23/2015 11:15 AM

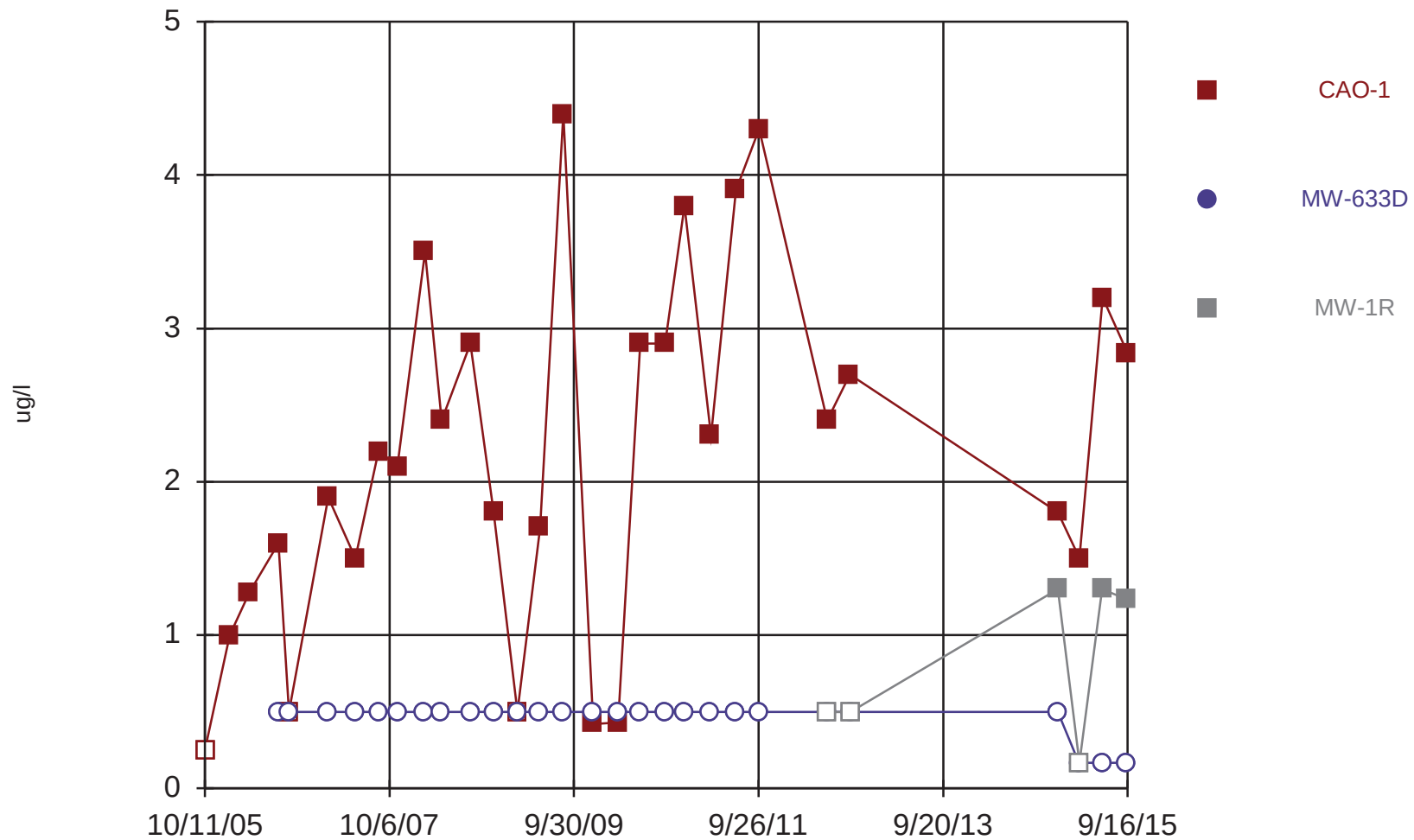
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

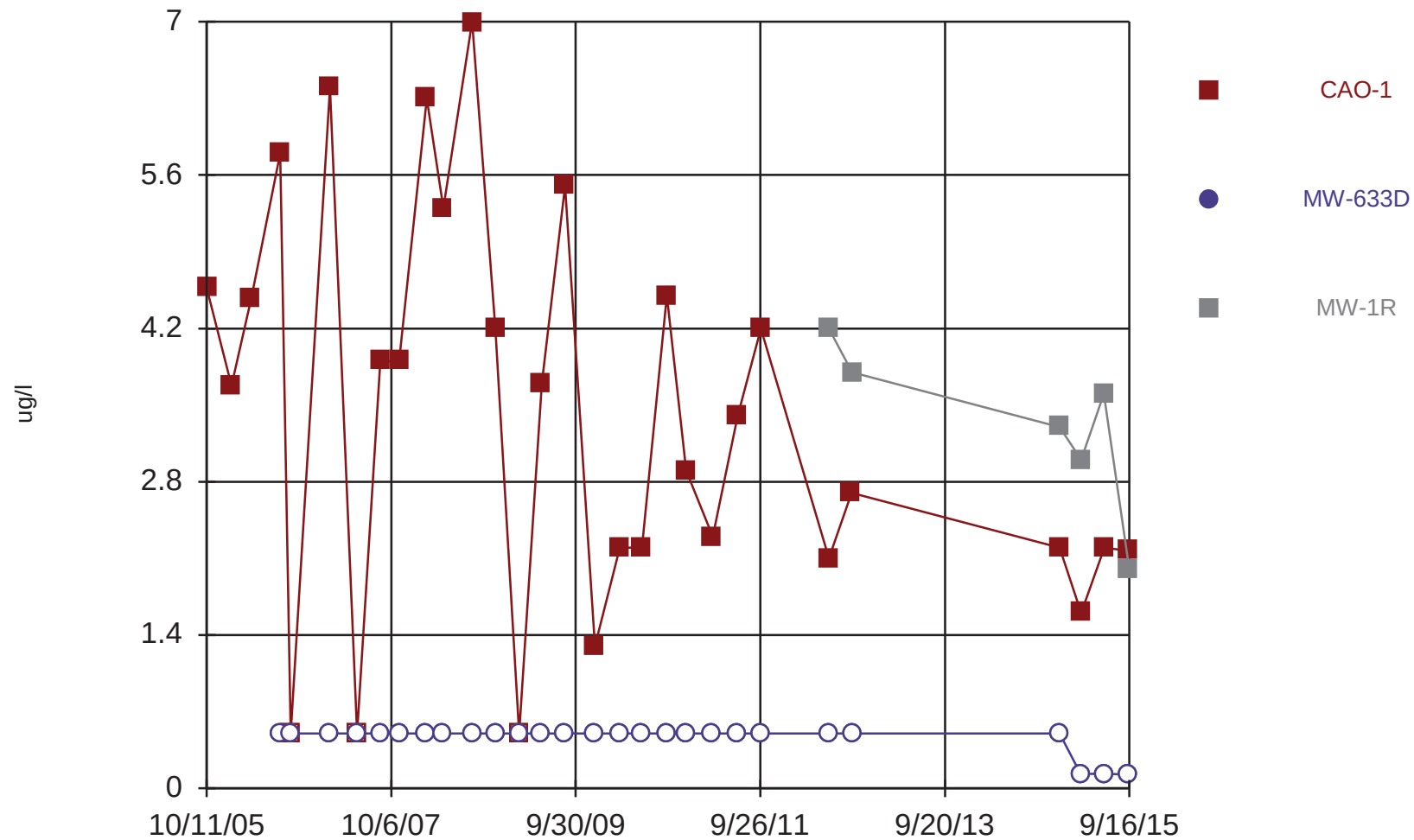


Constituent: 1,1-Dichloroethane Analysis Run 10/27/2015 11:11 AM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Time Series

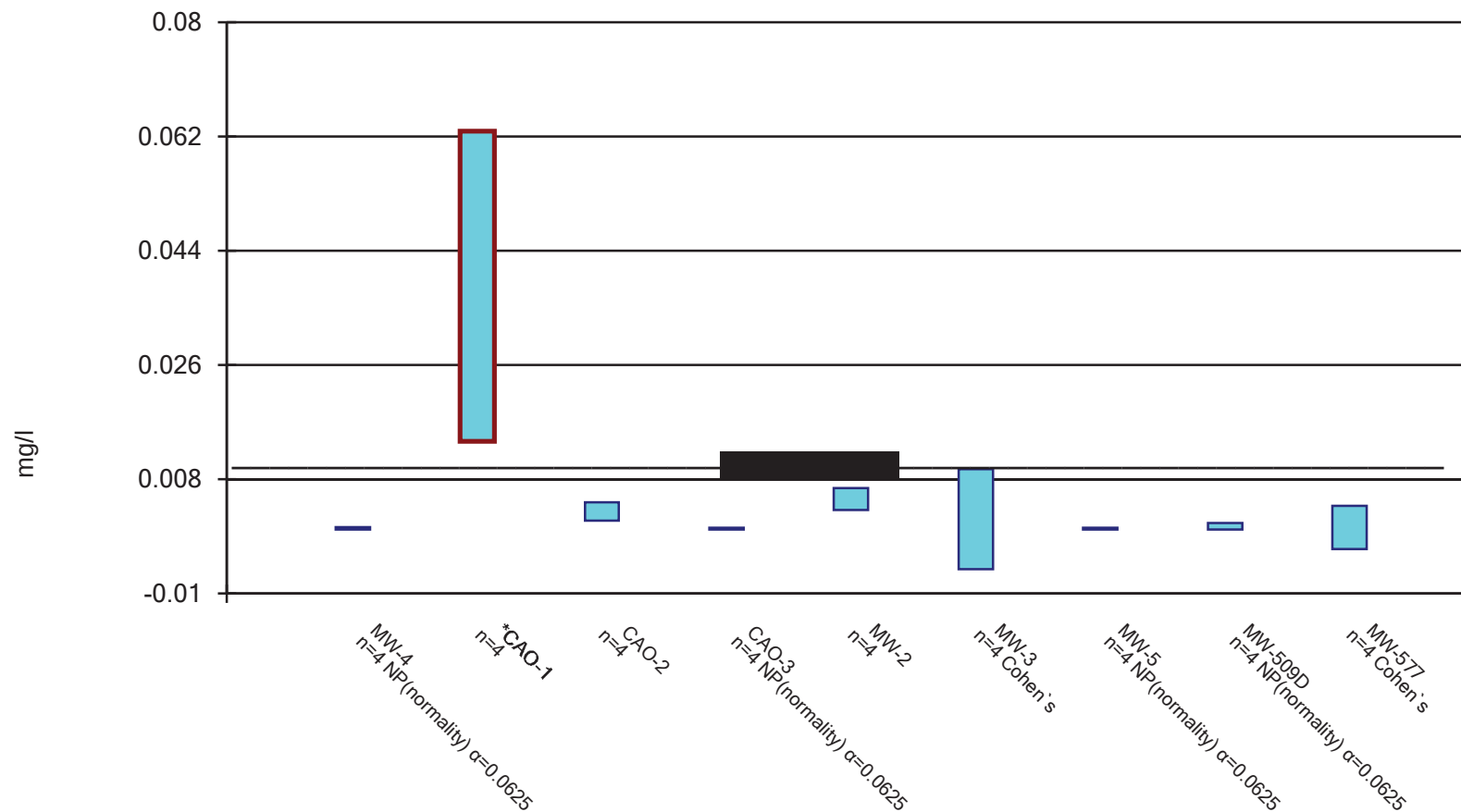


Time Series



Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

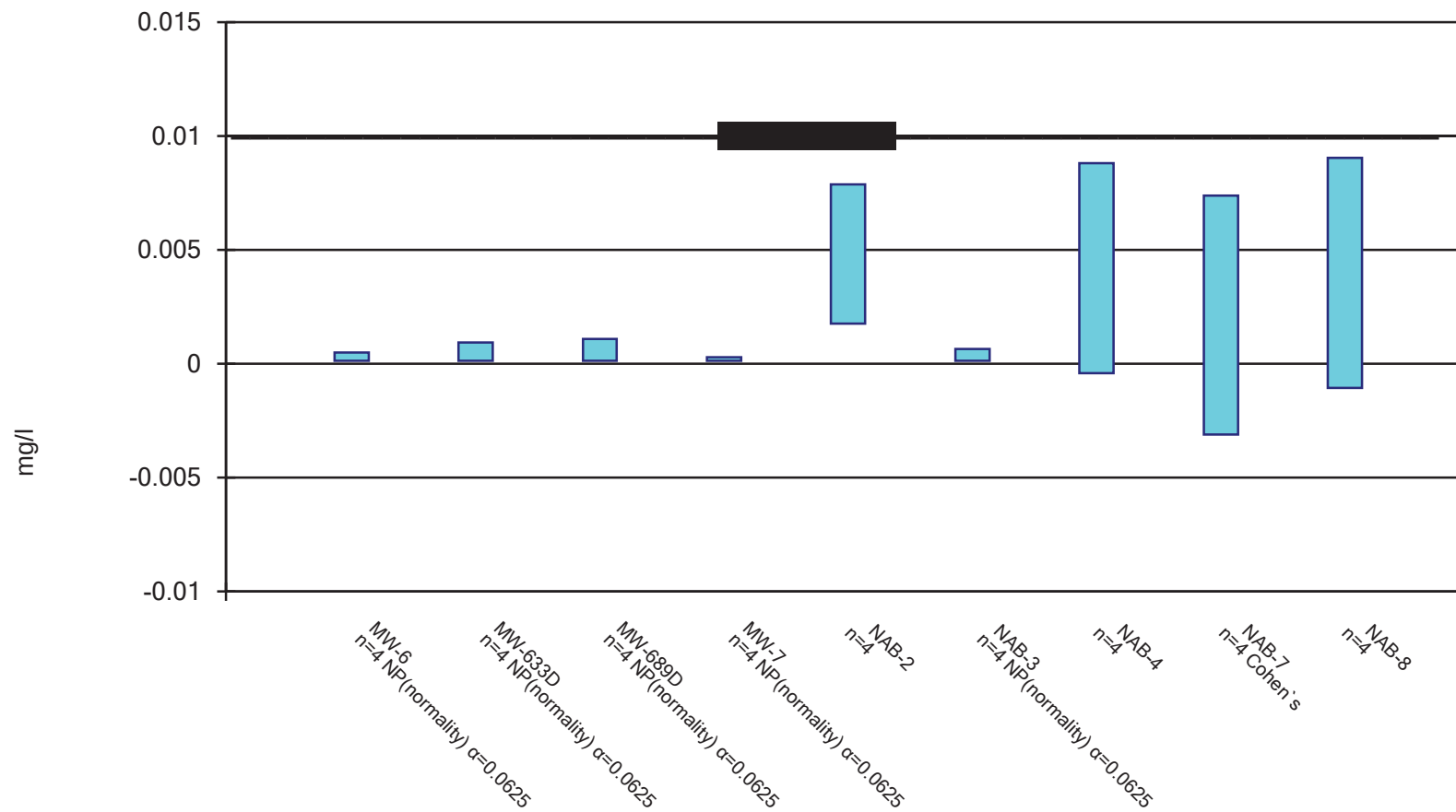


Constituent: Arsenic Analysis Run 10/23/2015 2:09 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

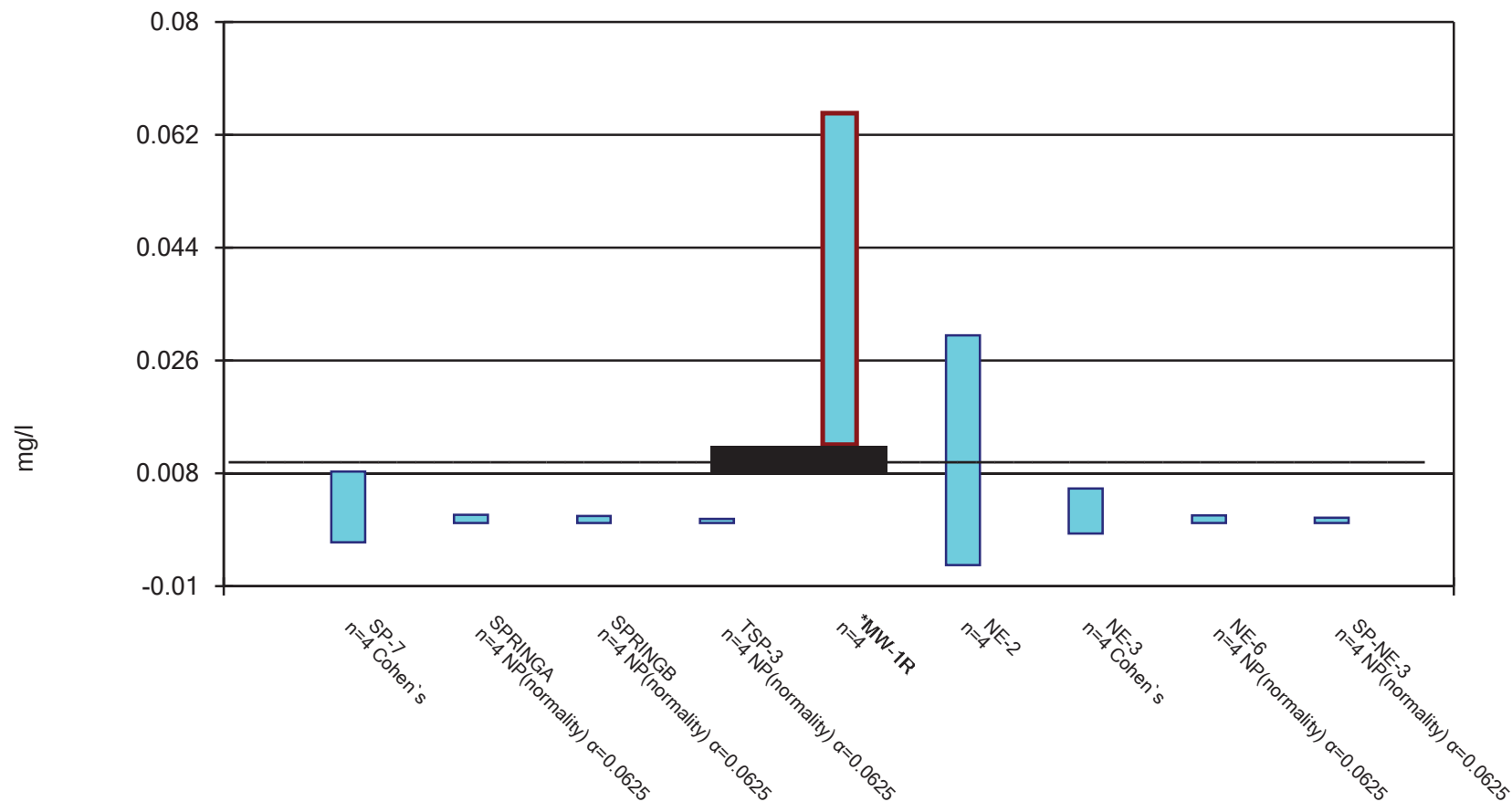


Constituent: Arsenic Analysis Run 10/23/2015 2:10 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

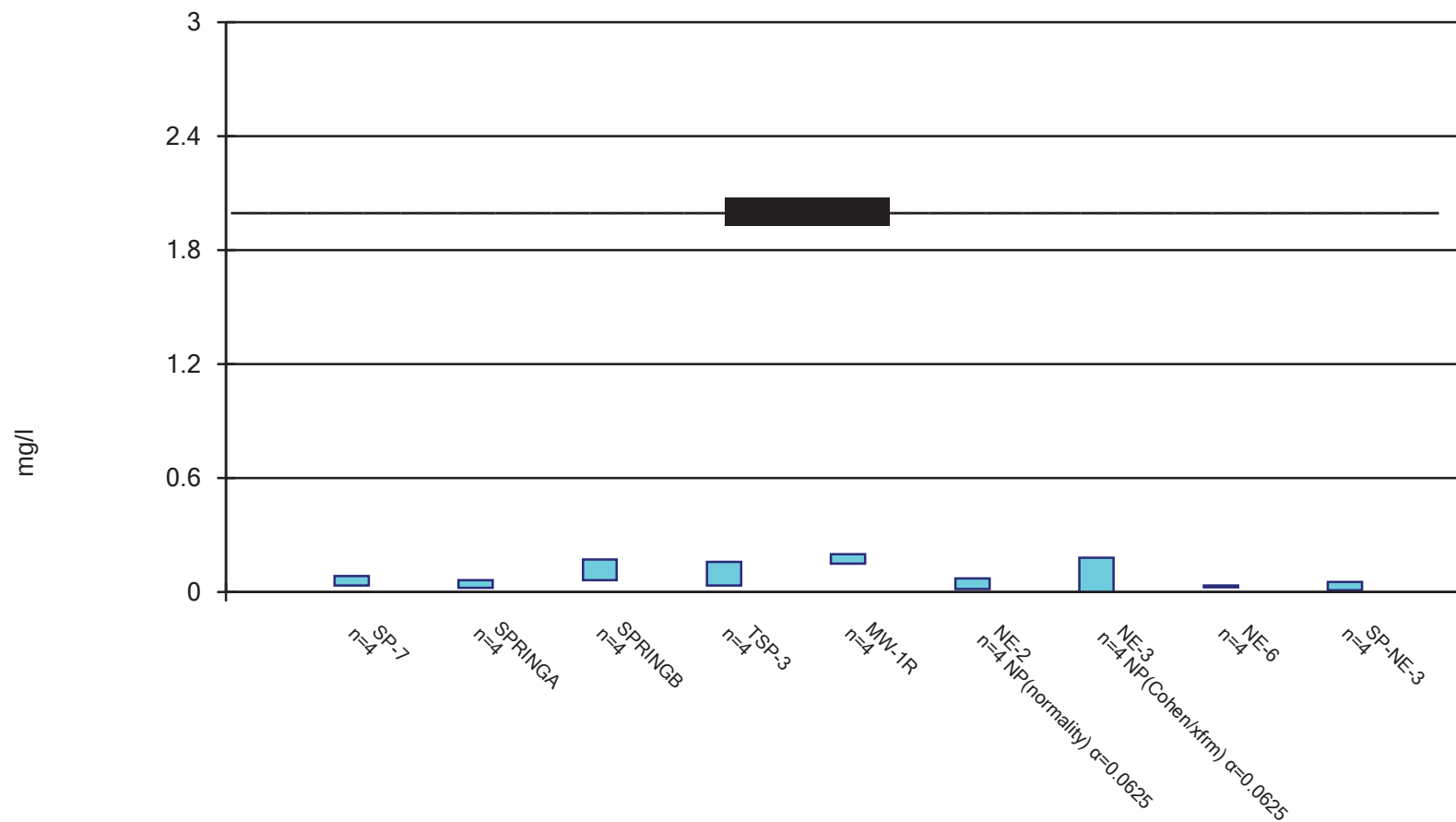


Constituent: Arsenic Analysis Run 10/23/2015 2:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

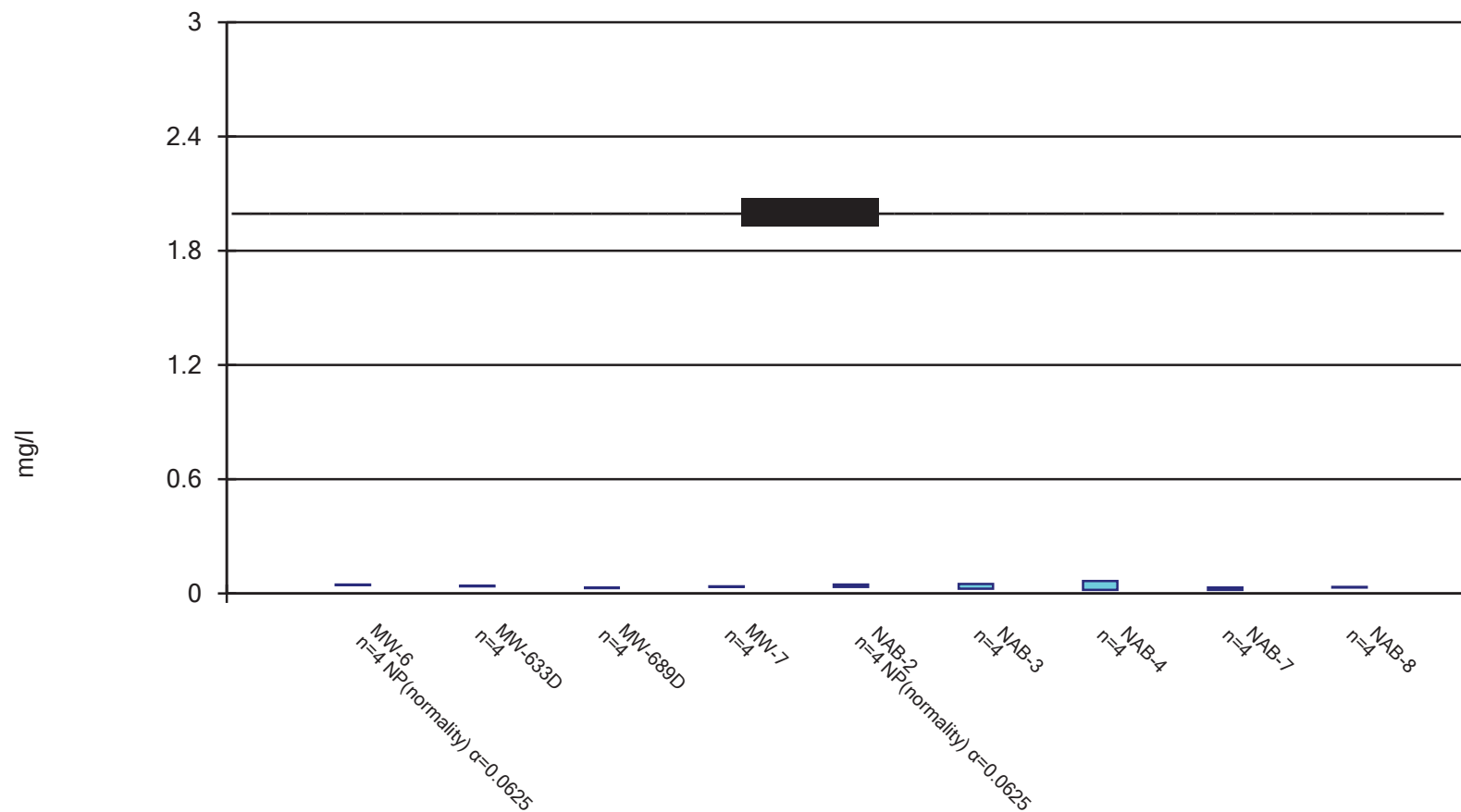


Constituent: Barium Analysis Run 10/23/2015 2:11 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

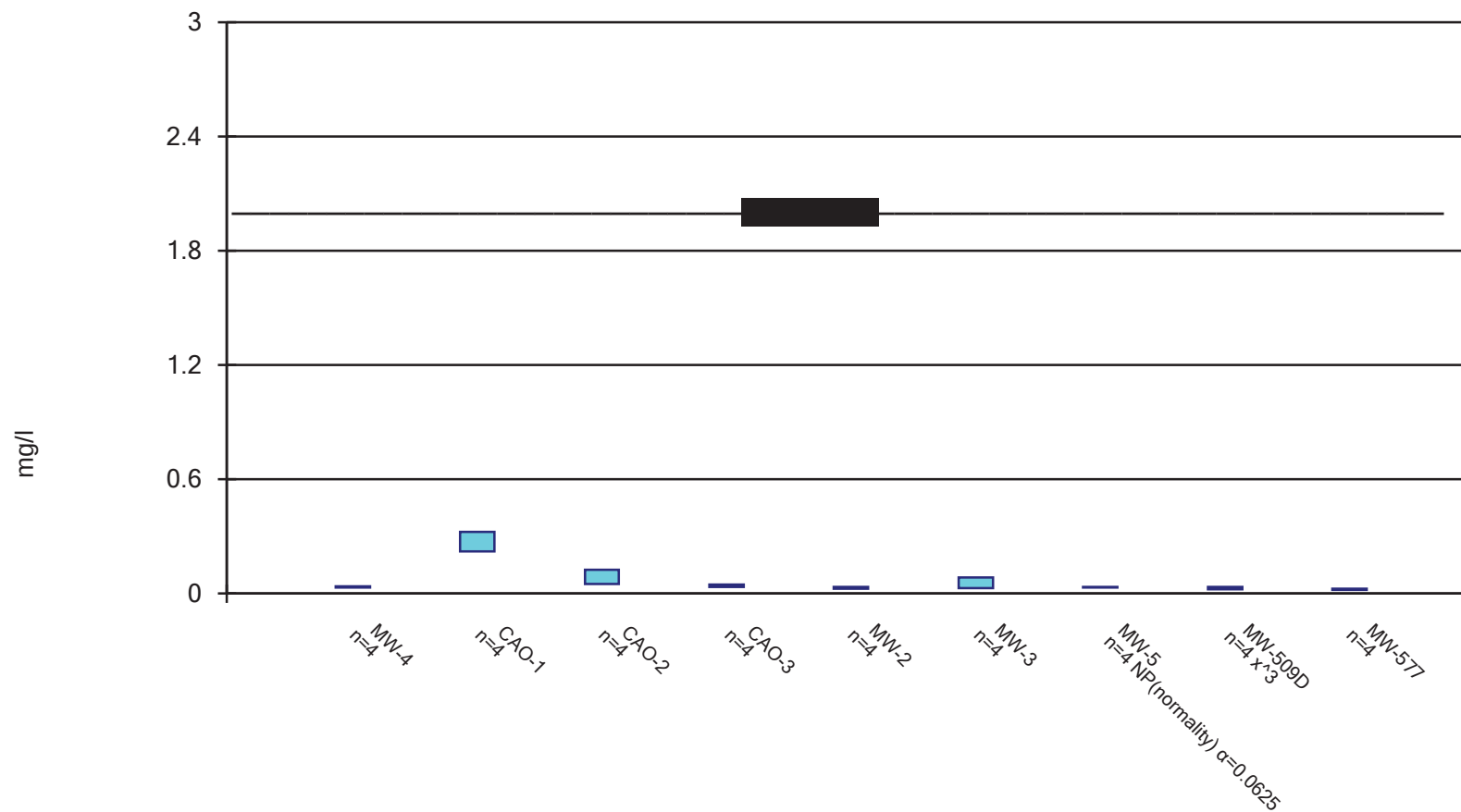


Constituent: Barium Analysis Run 10/23/2015 2:12 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

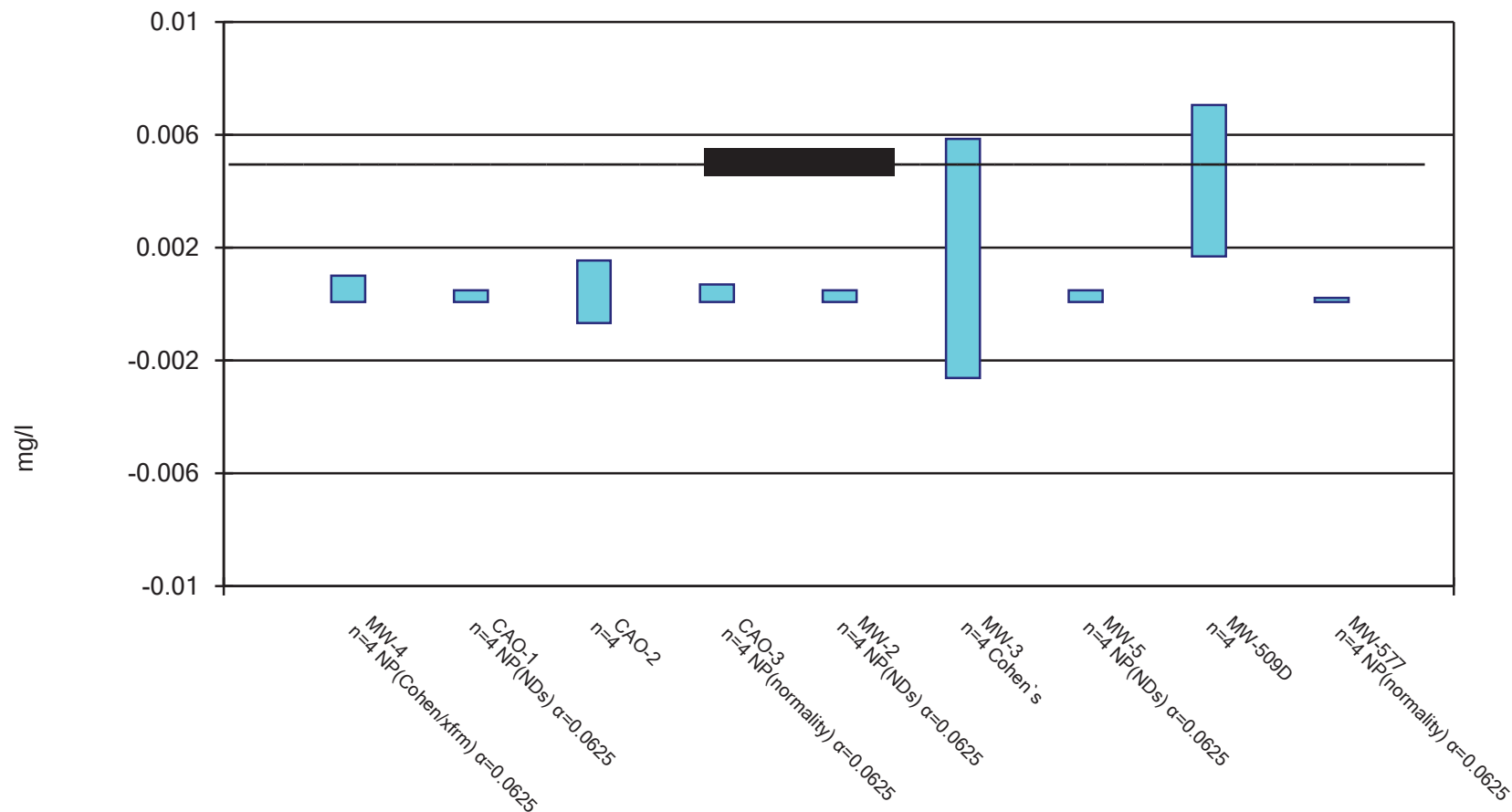


Constituent: Barium Analysis Run 10/23/2015 2:13 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

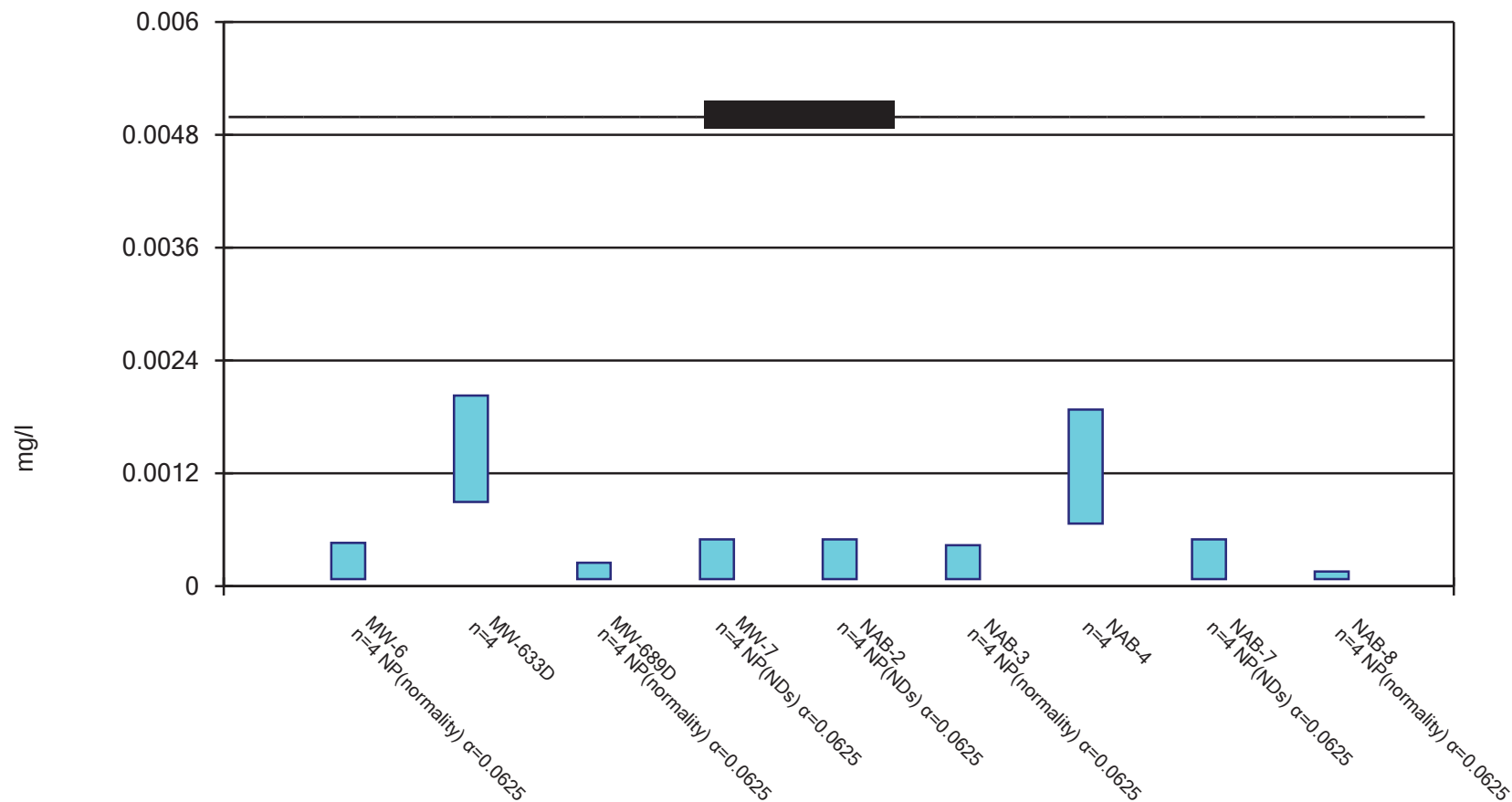


Constituent: Cadmium Analysis Run 10/23/2015 2:13 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

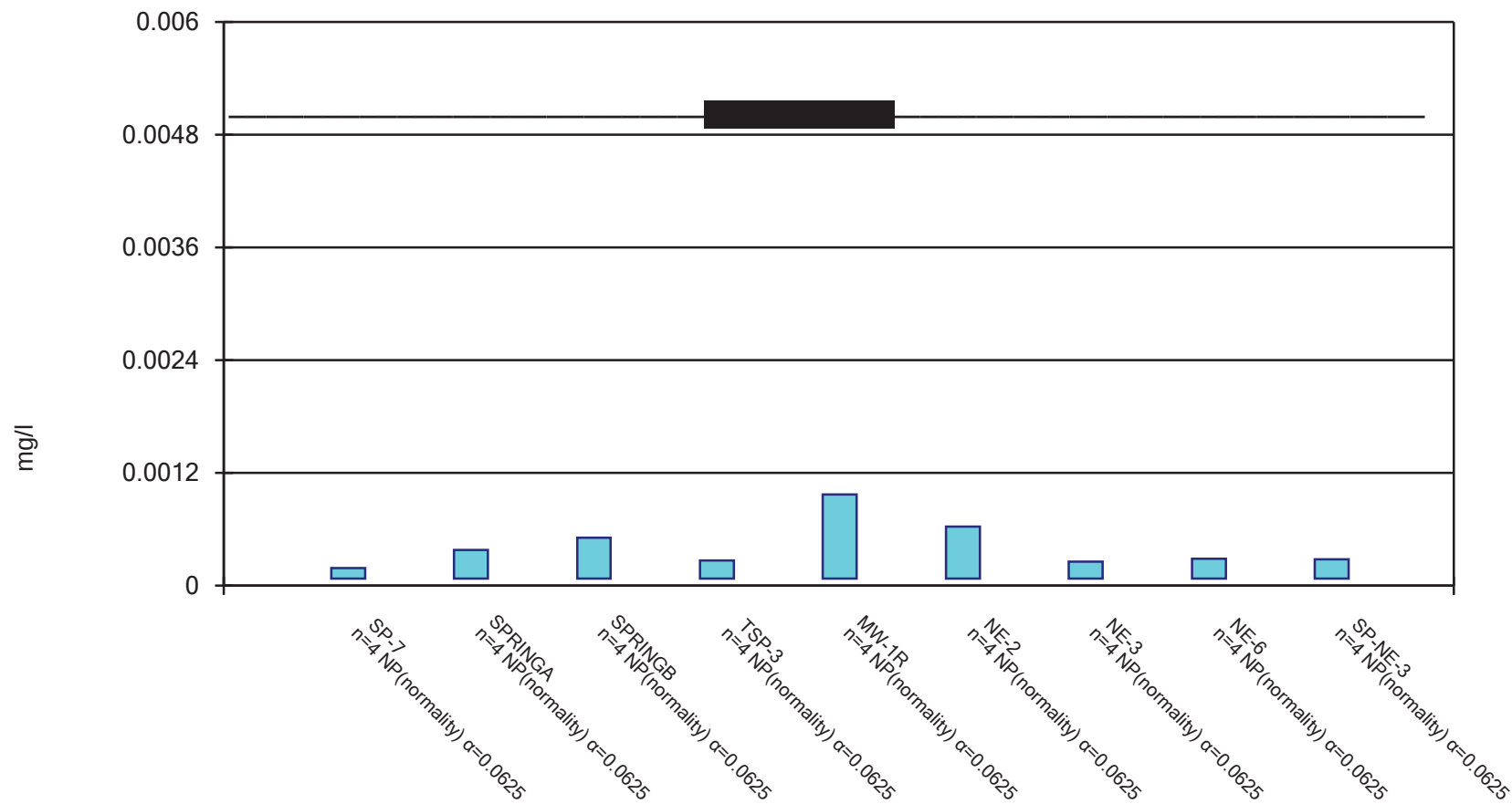


Constituent: Cadmium Analysis Run 10/23/2015 2:14 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

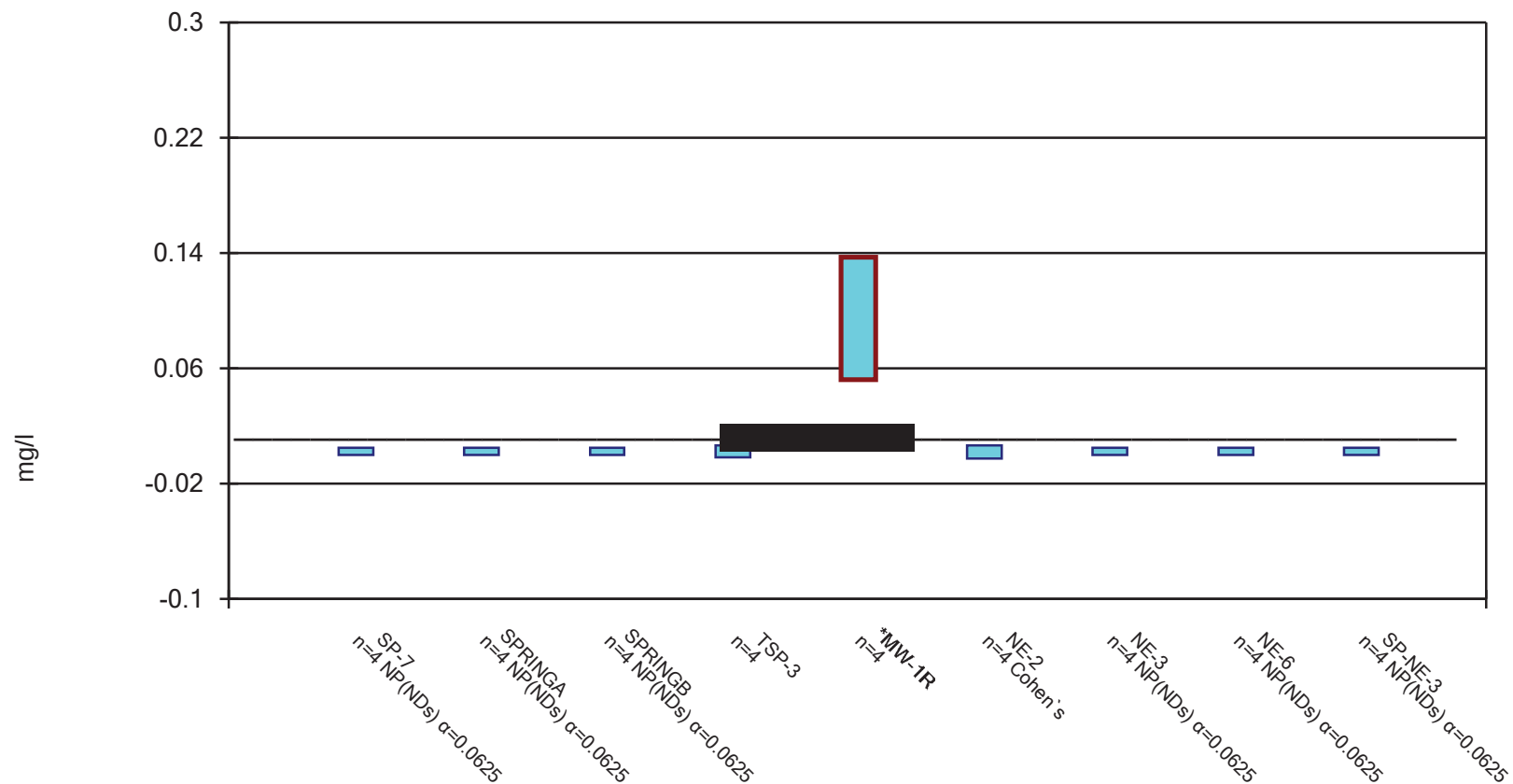


Constituent: Cadmium Analysis Run 10/23/2015 2:15 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

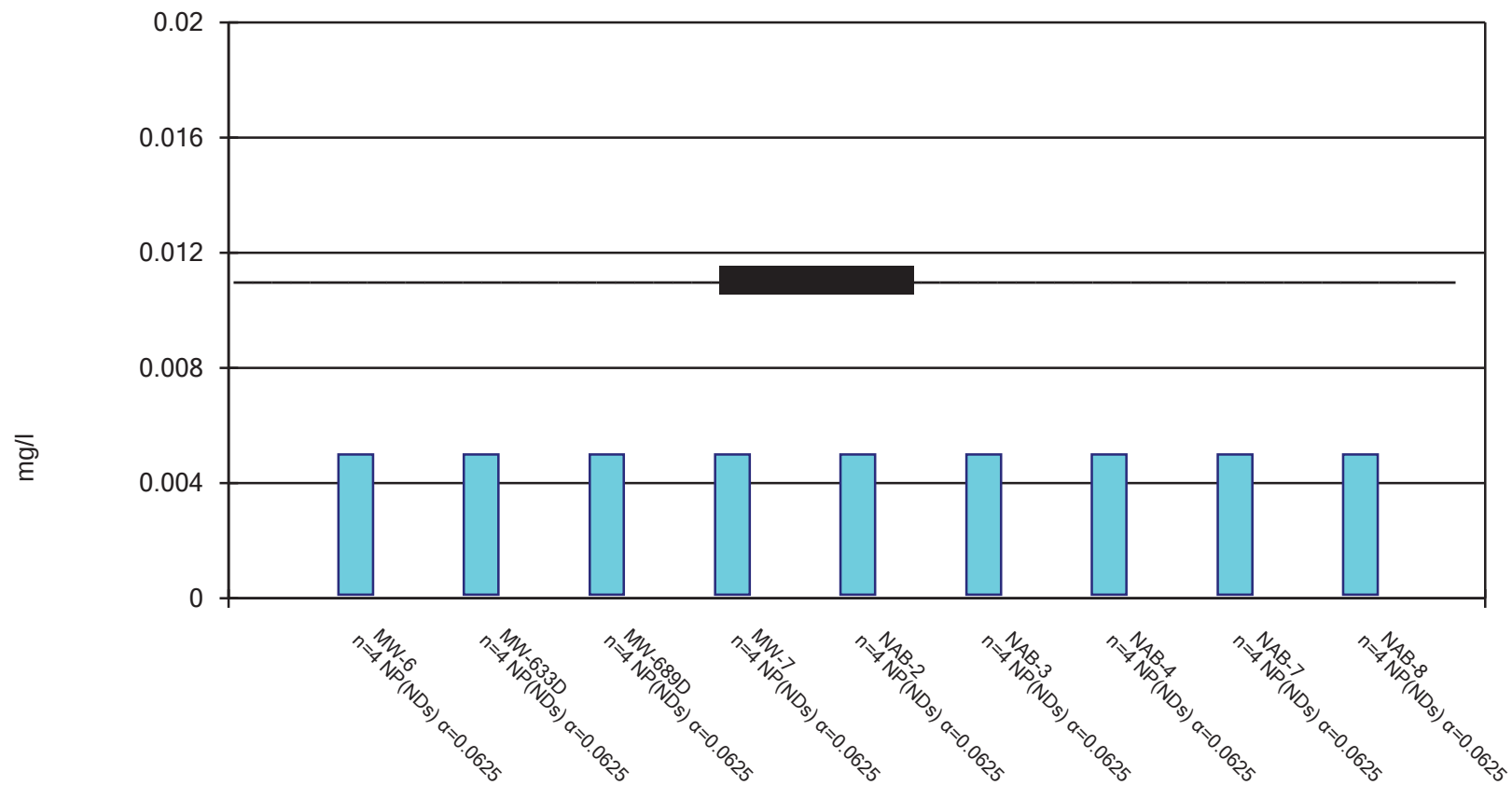


Constituent: Cobalt Analysis Run 10/23/2015 2:17 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

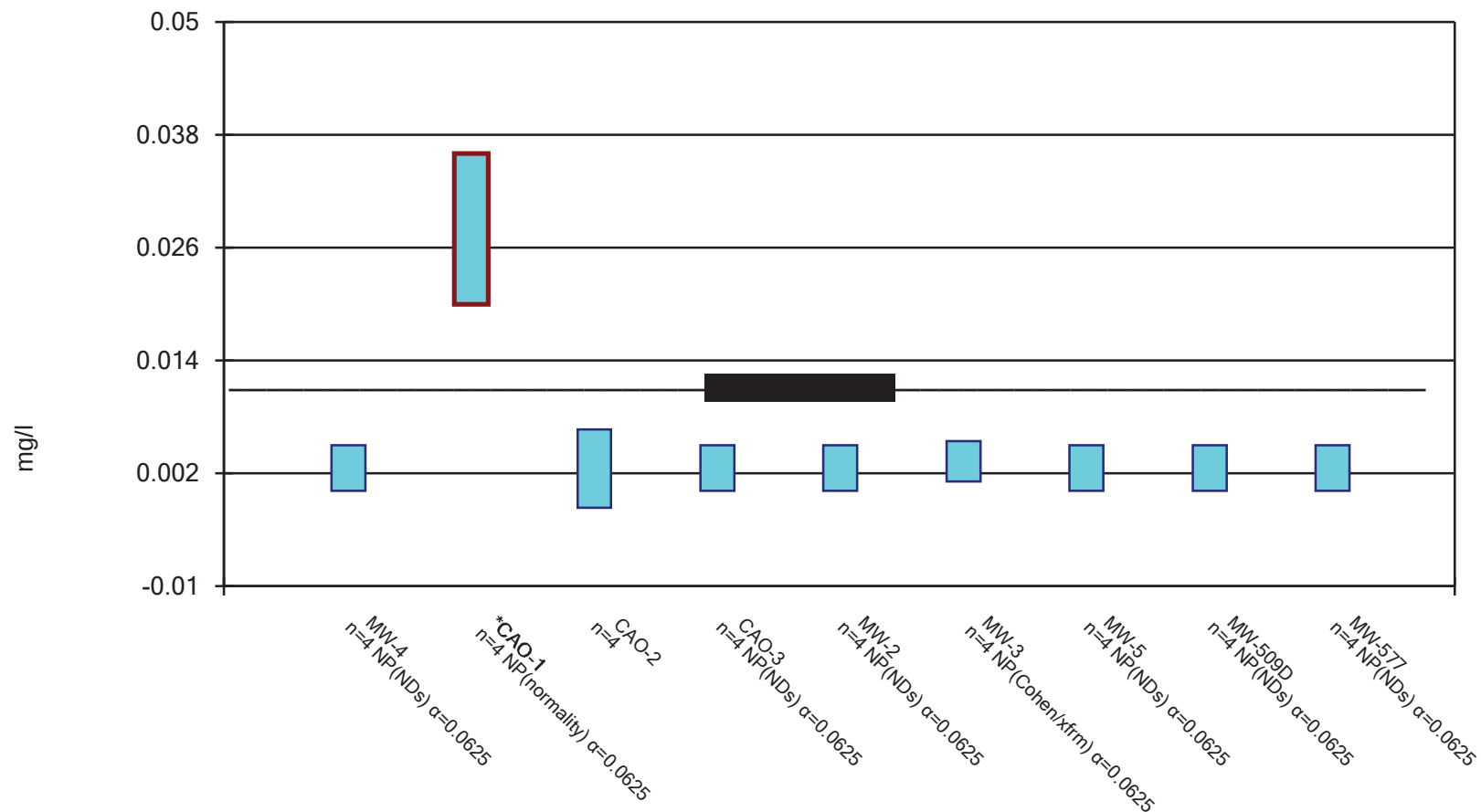


Constituent: Cobalt Analysis Run 10/23/2015 2:17 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

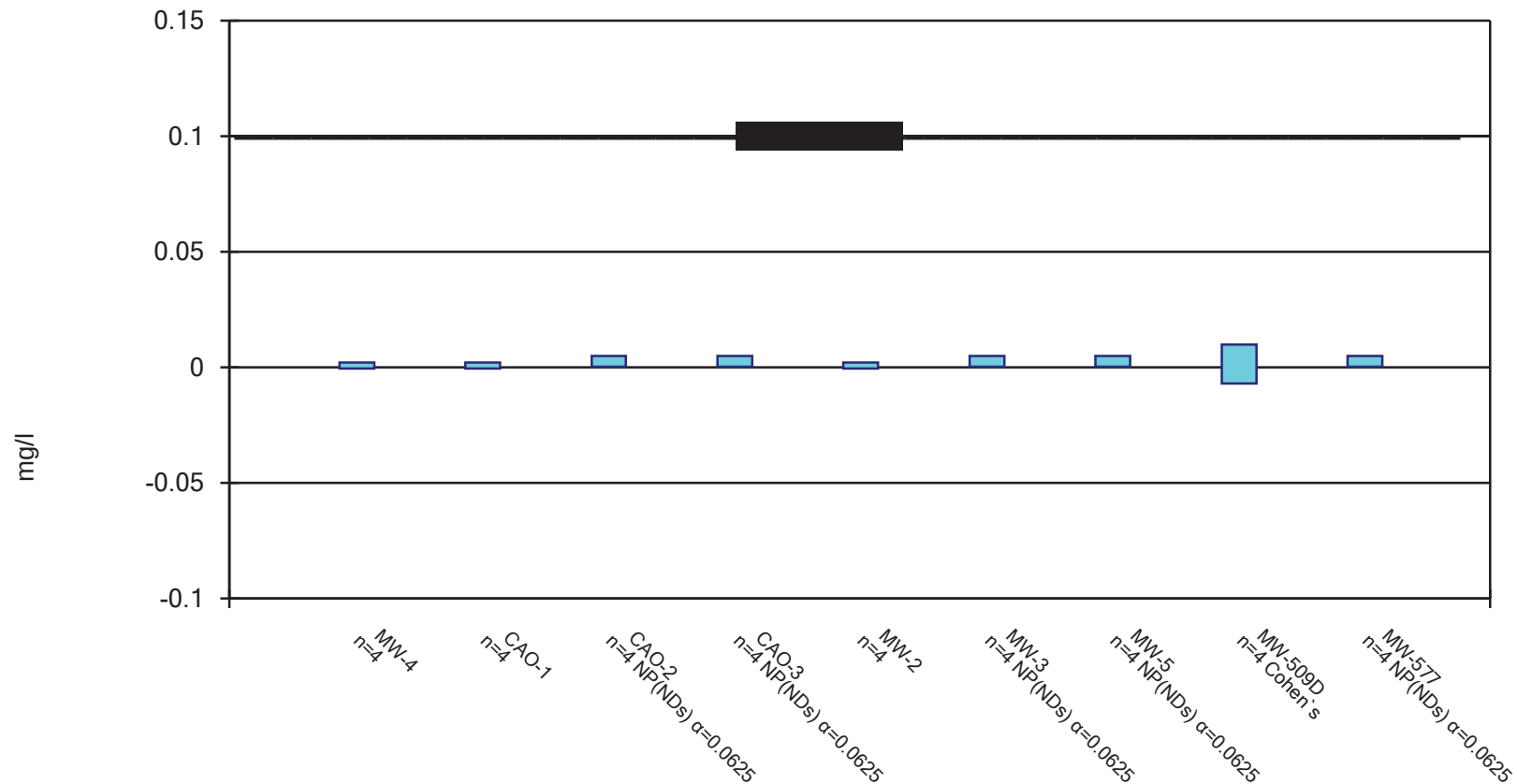


Constituent: Cobalt Analysis Run 10/23/2015 2:18 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

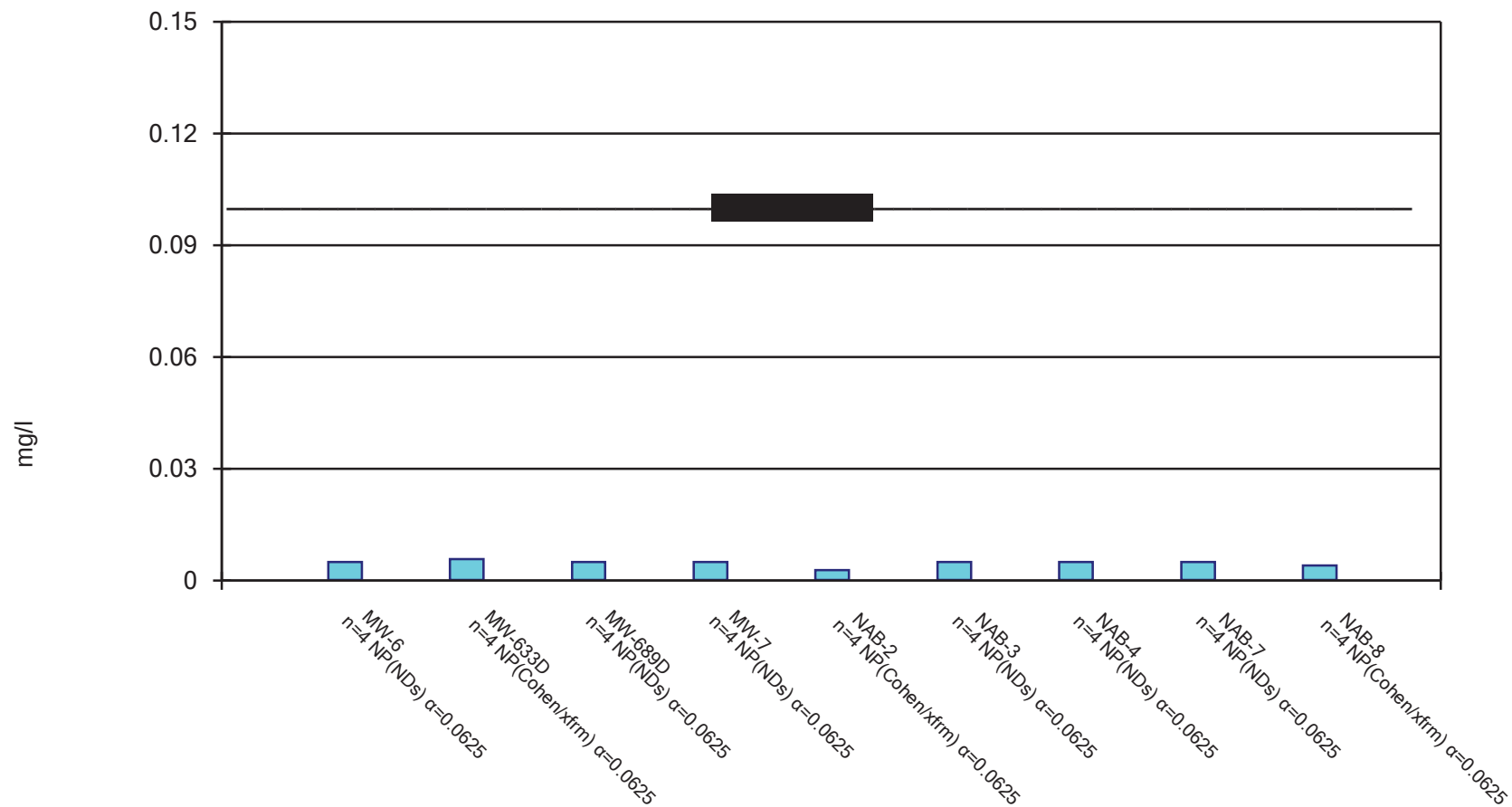


Constituent: Chromium Analysis Run 10/23/2015 2:19 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

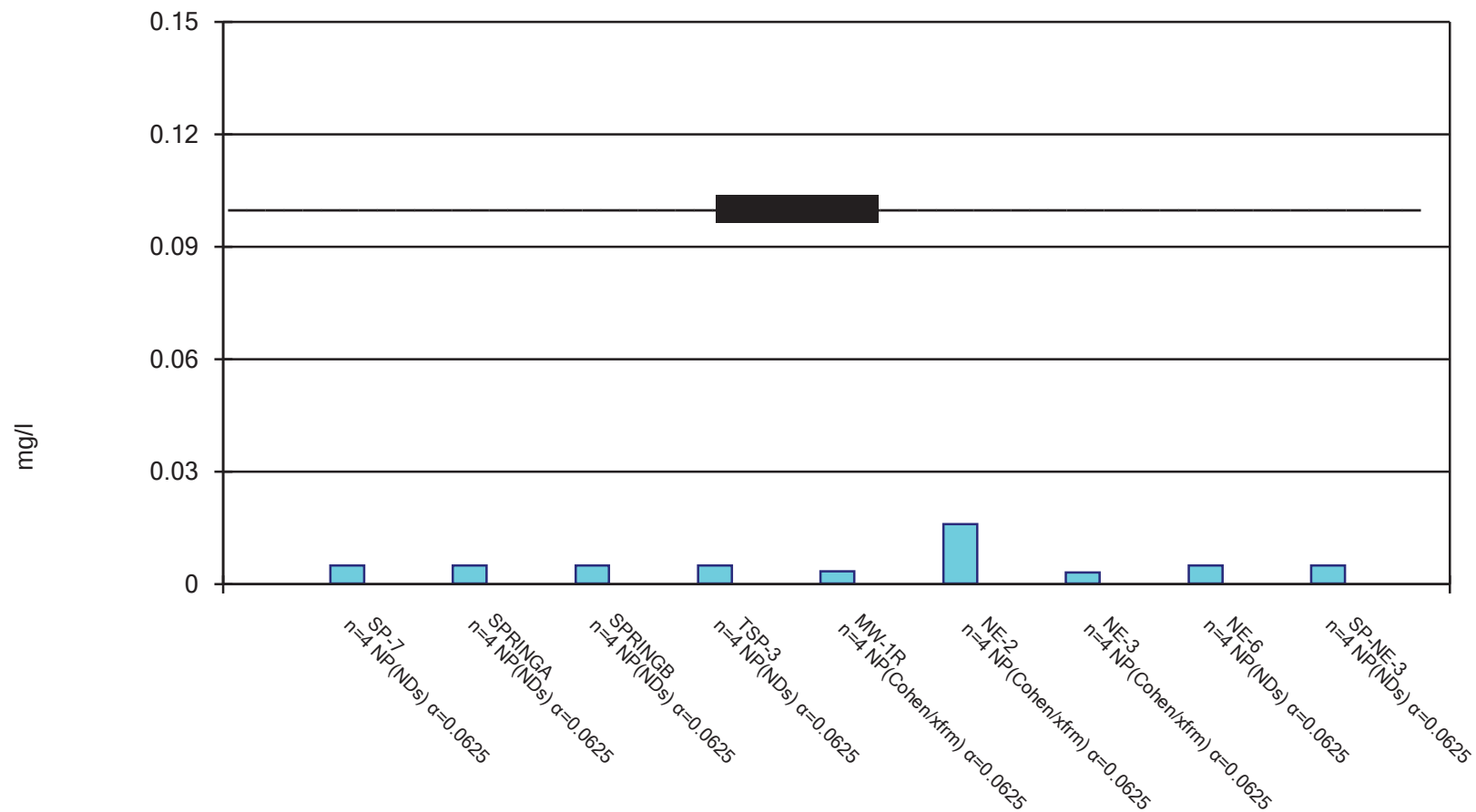


Constituent: Chromium Analysis Run 10/23/2015 2:20 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

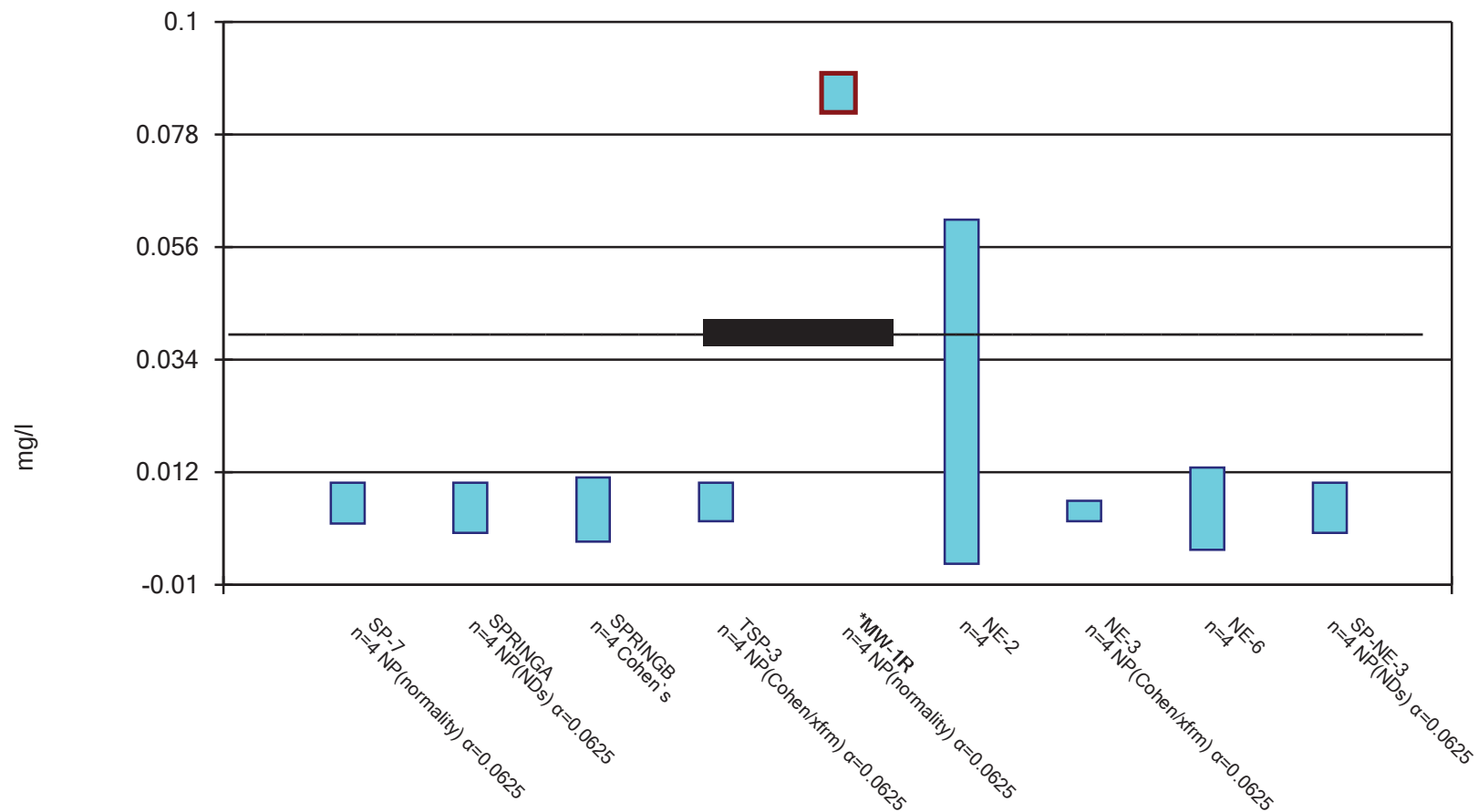


Constituent: Chromium Analysis Run 10/23/2015 2:21 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

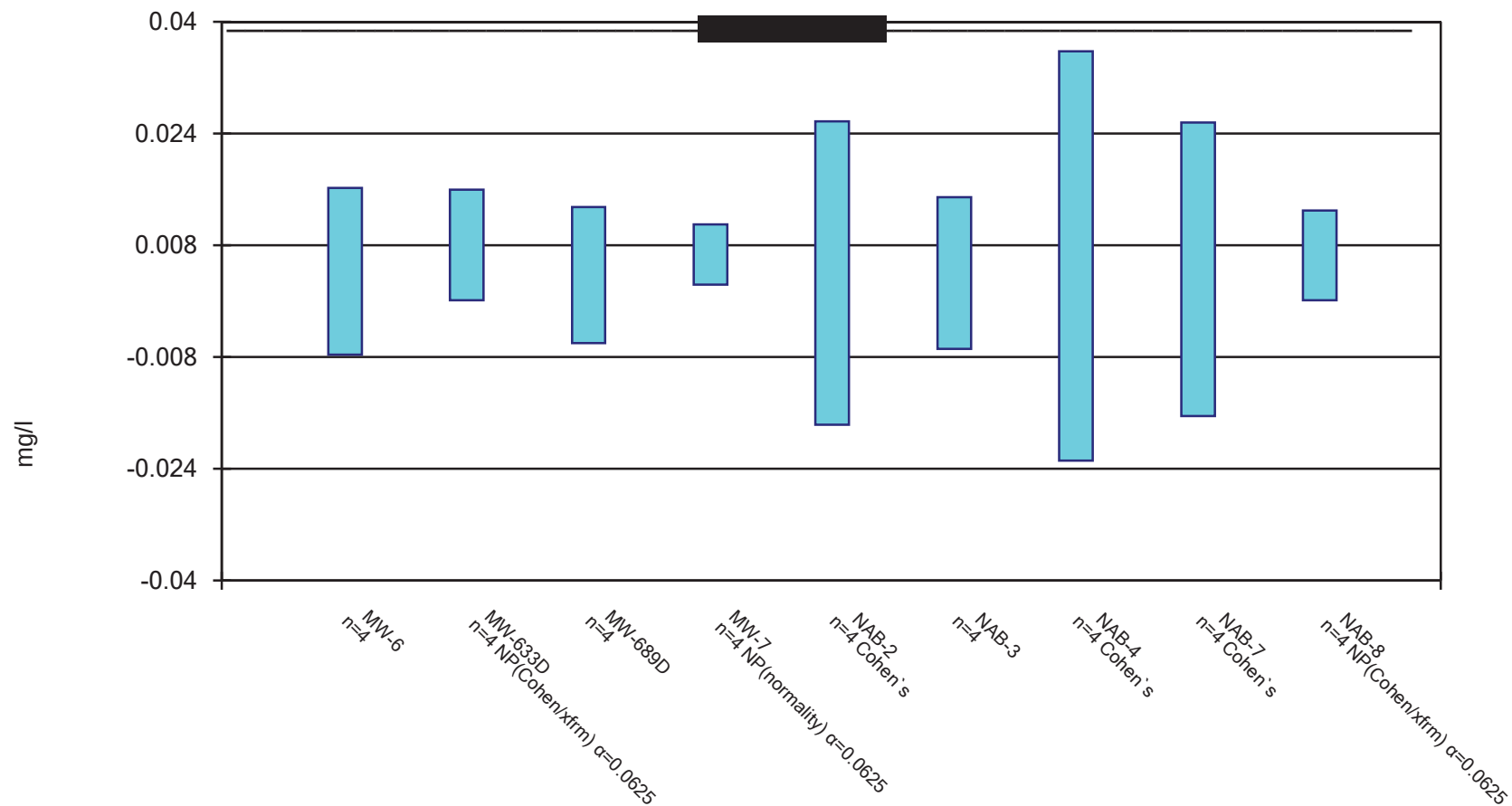


Constituent: Nickel Analysis Run 10/23/2015 2:22 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

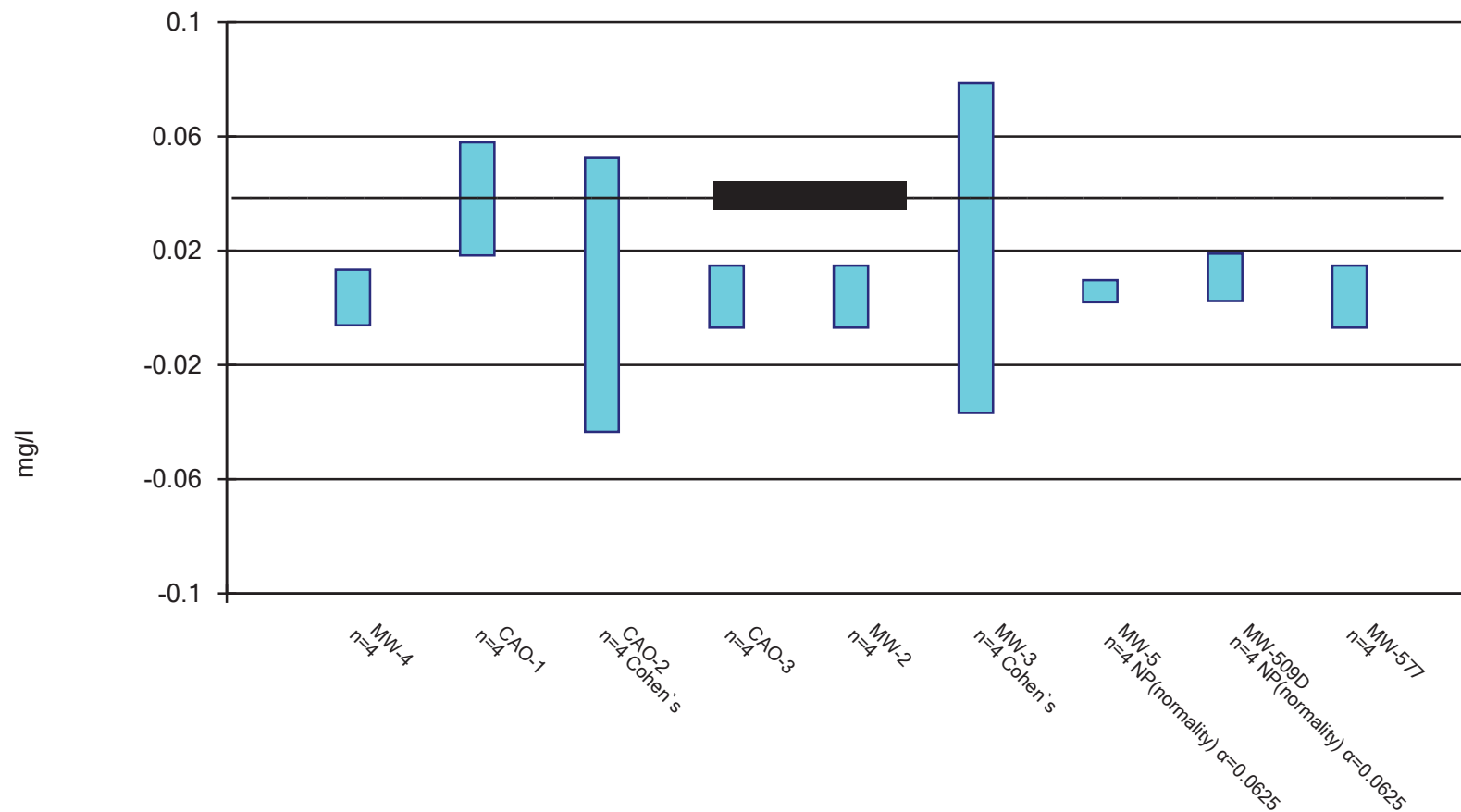


Constituent: Nickel Analysis Run 10/23/2015 2:23 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

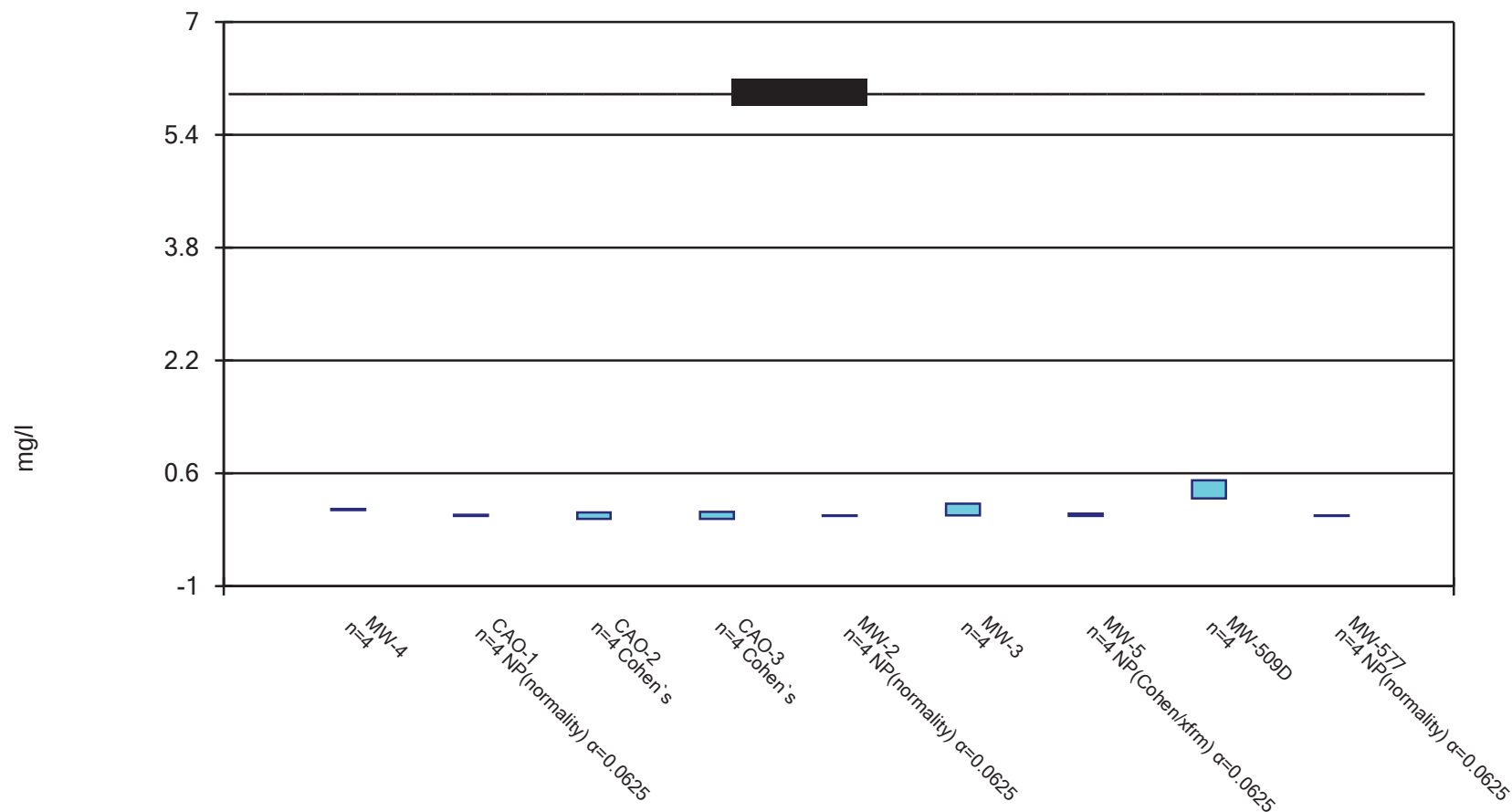


Constituent: Nickel Analysis Run 10/23/2015 2:23 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

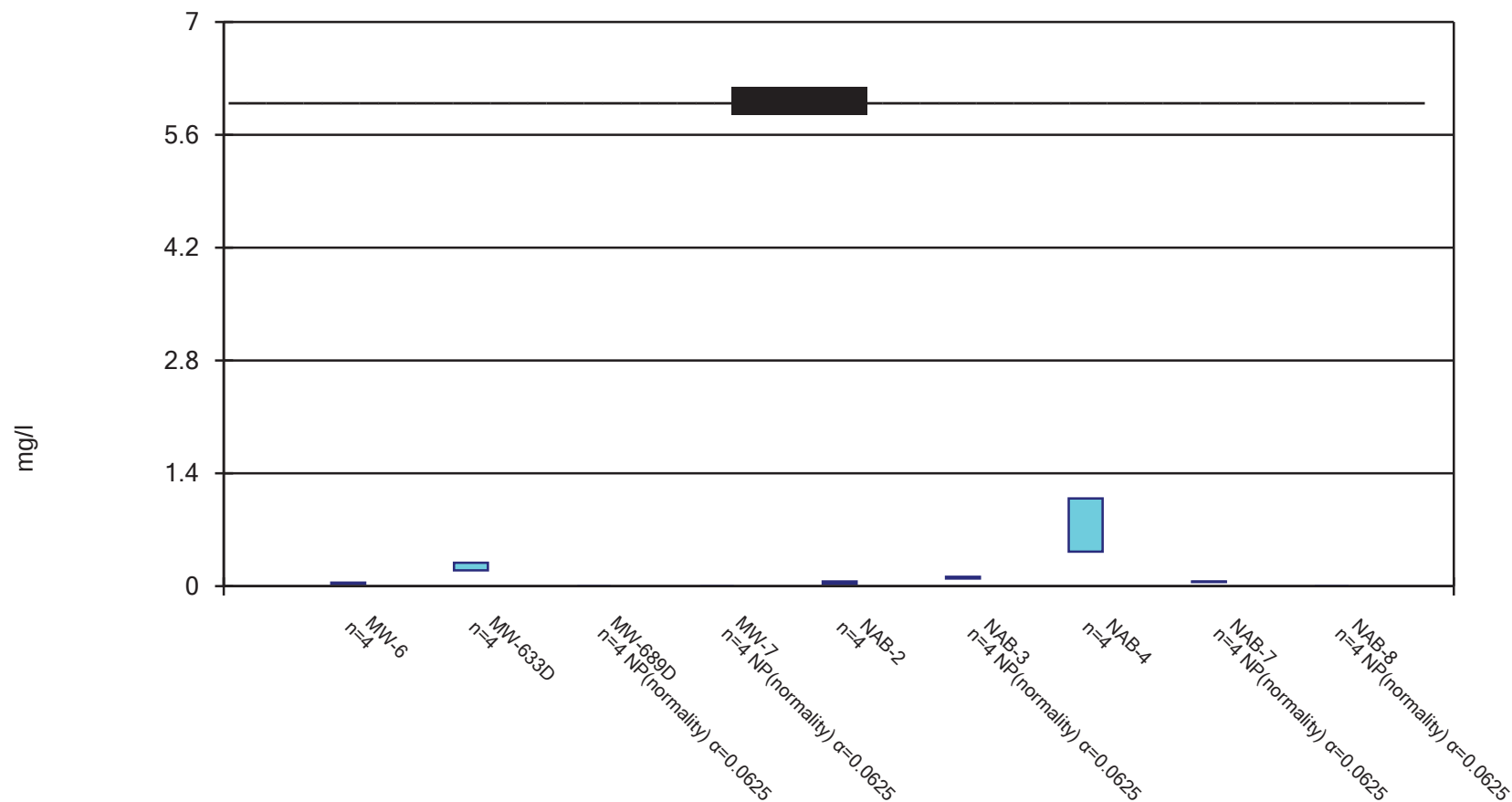


Constituent: Zinc Analysis Run 10/23/2015 2:25 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

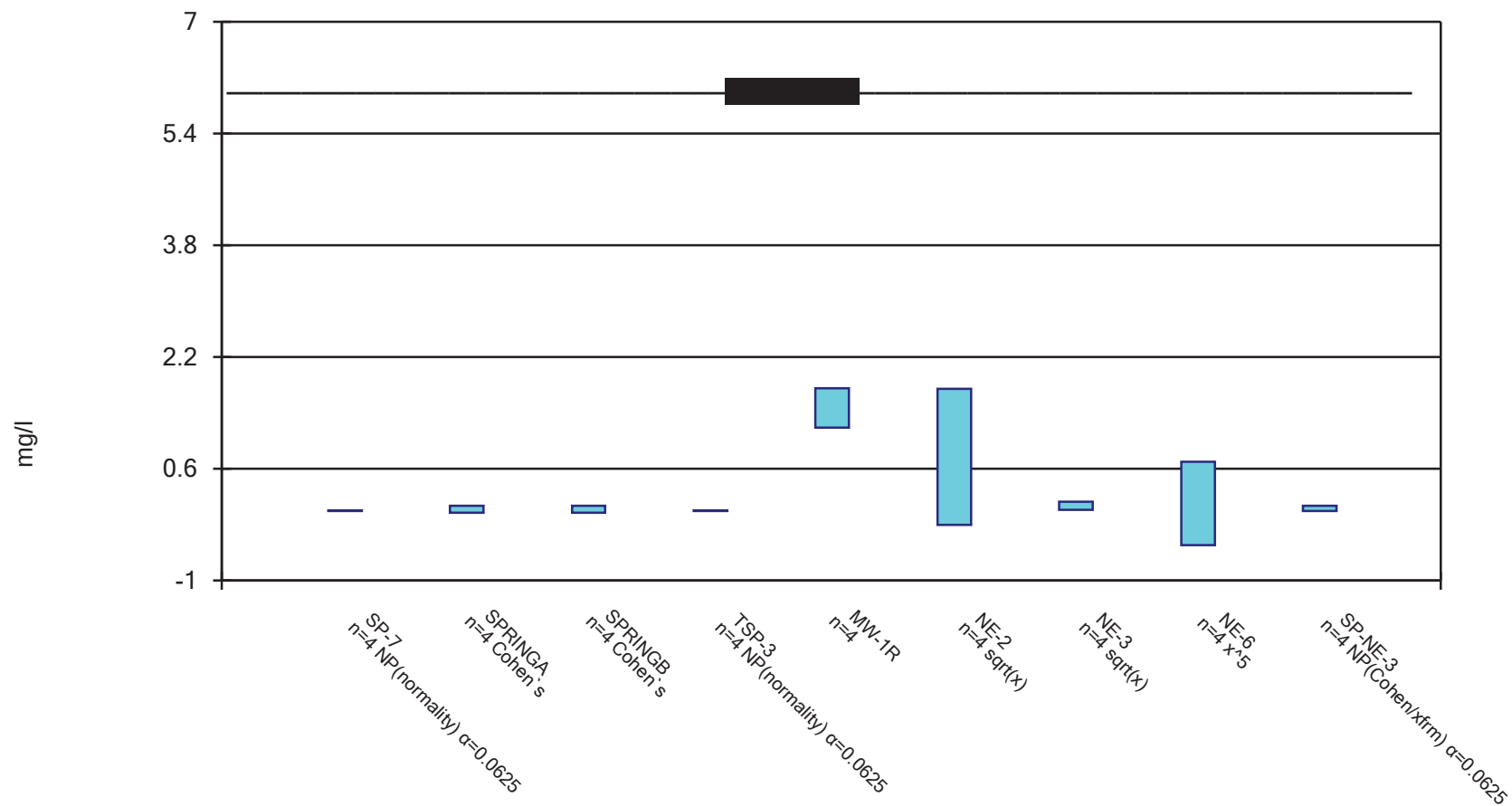


Constituent: Zinc Analysis Run 10/23/2015 2:26 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

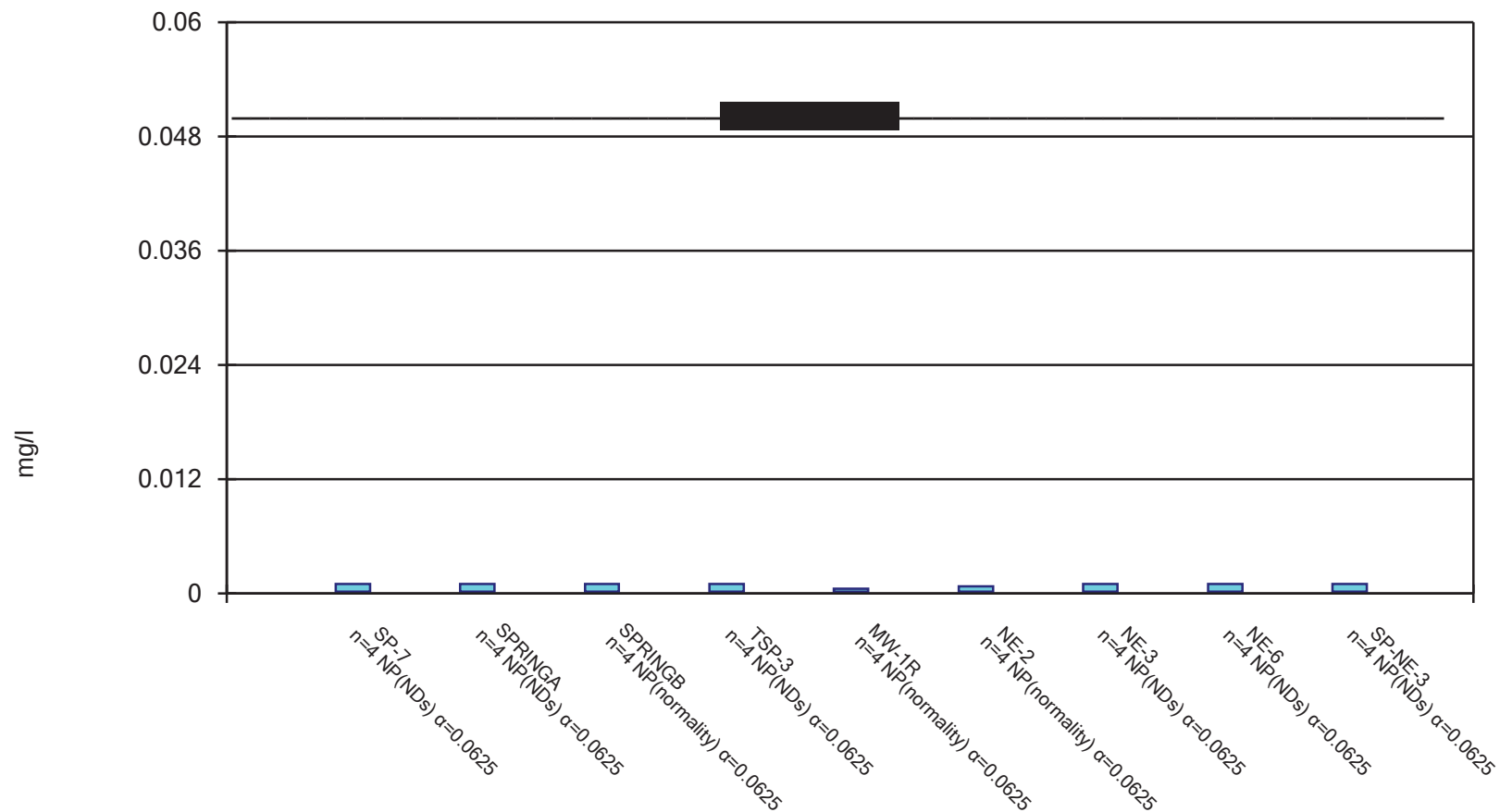


Constituent: Zinc Analysis Run 10/23/2015 2:26 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

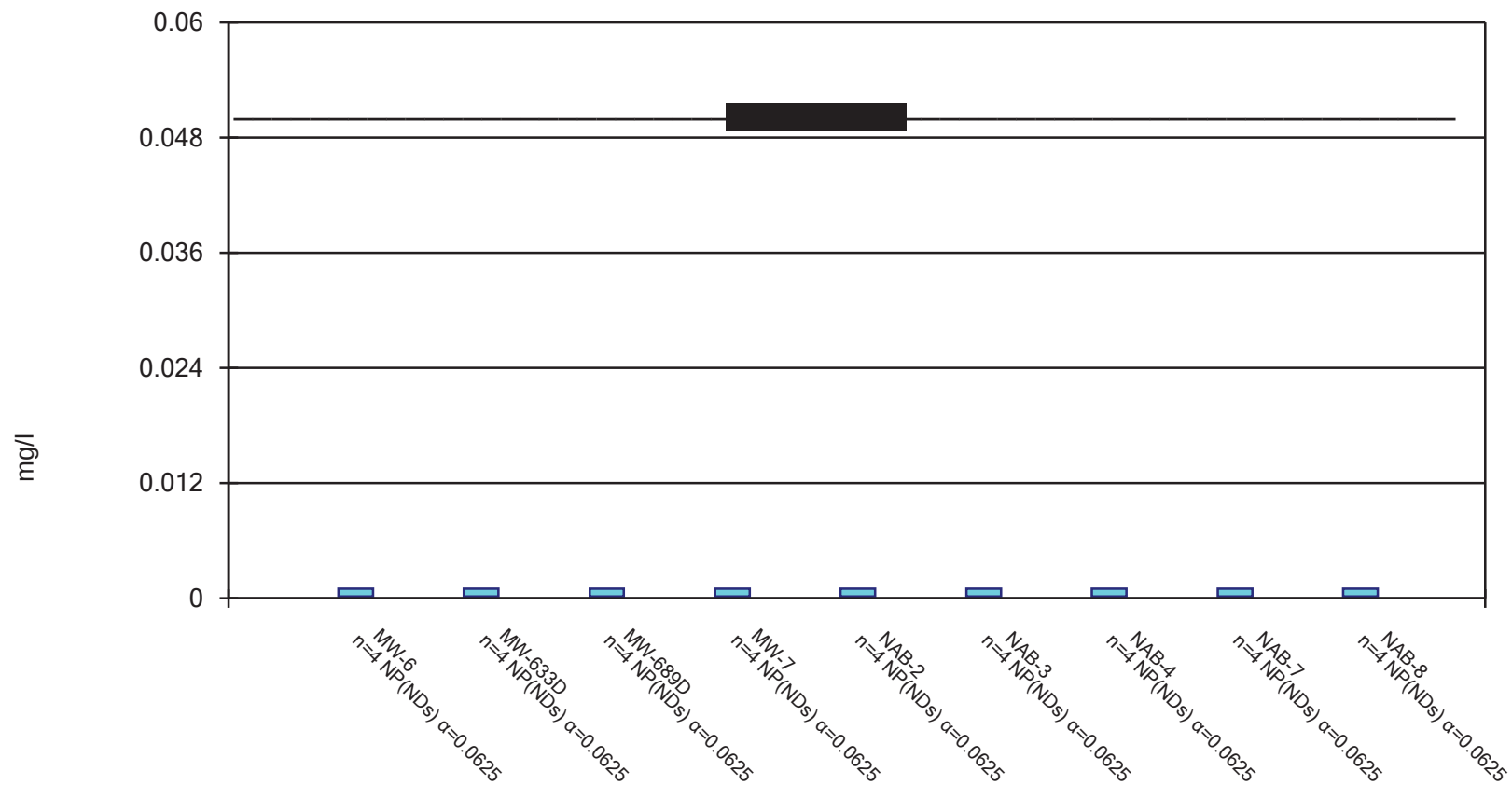


Constituent: Selenium Analysis Run 10/23/2015 2:27 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

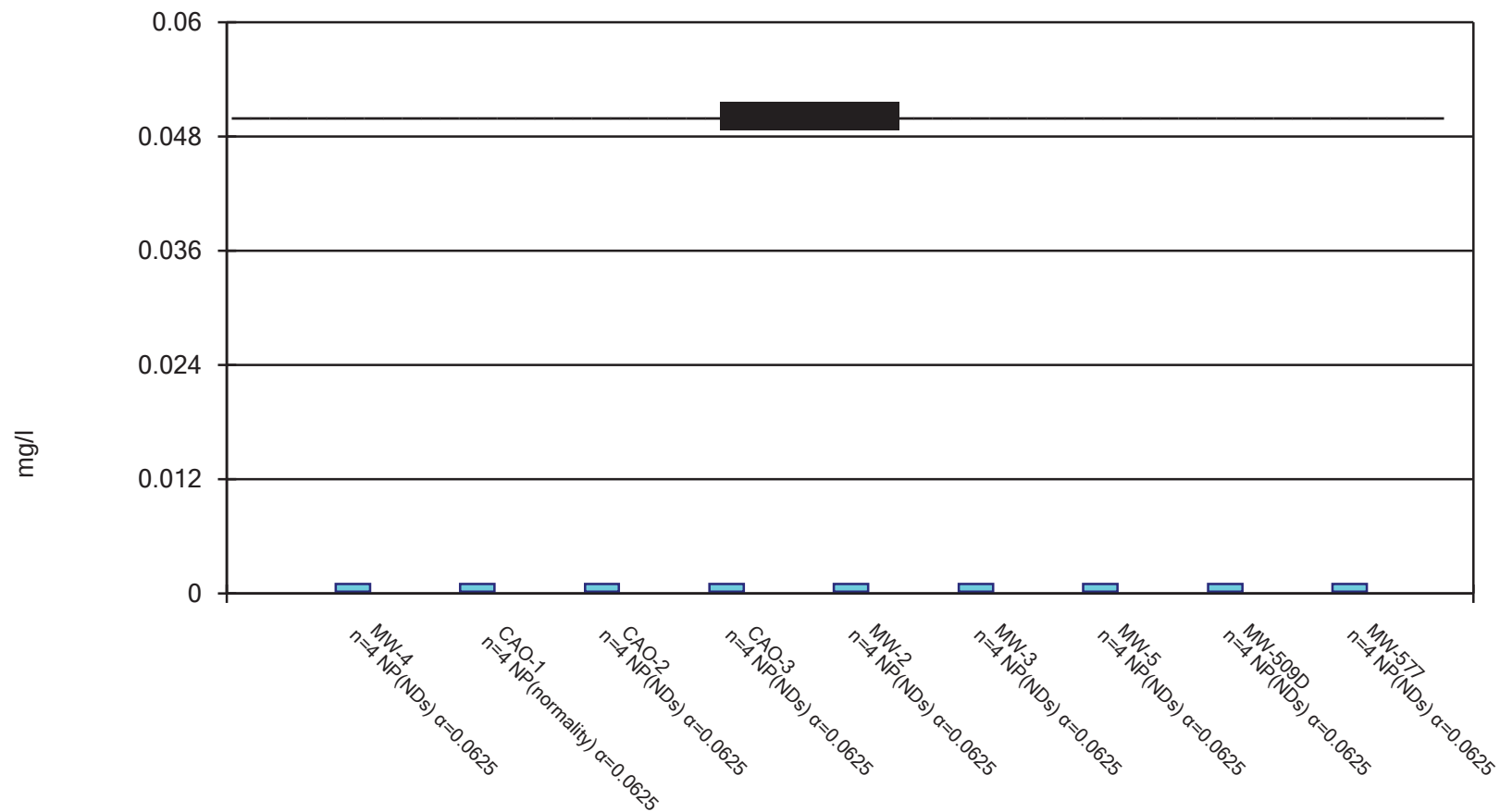


Constituent: Selenium Analysis Run 10/23/2015 2:28 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

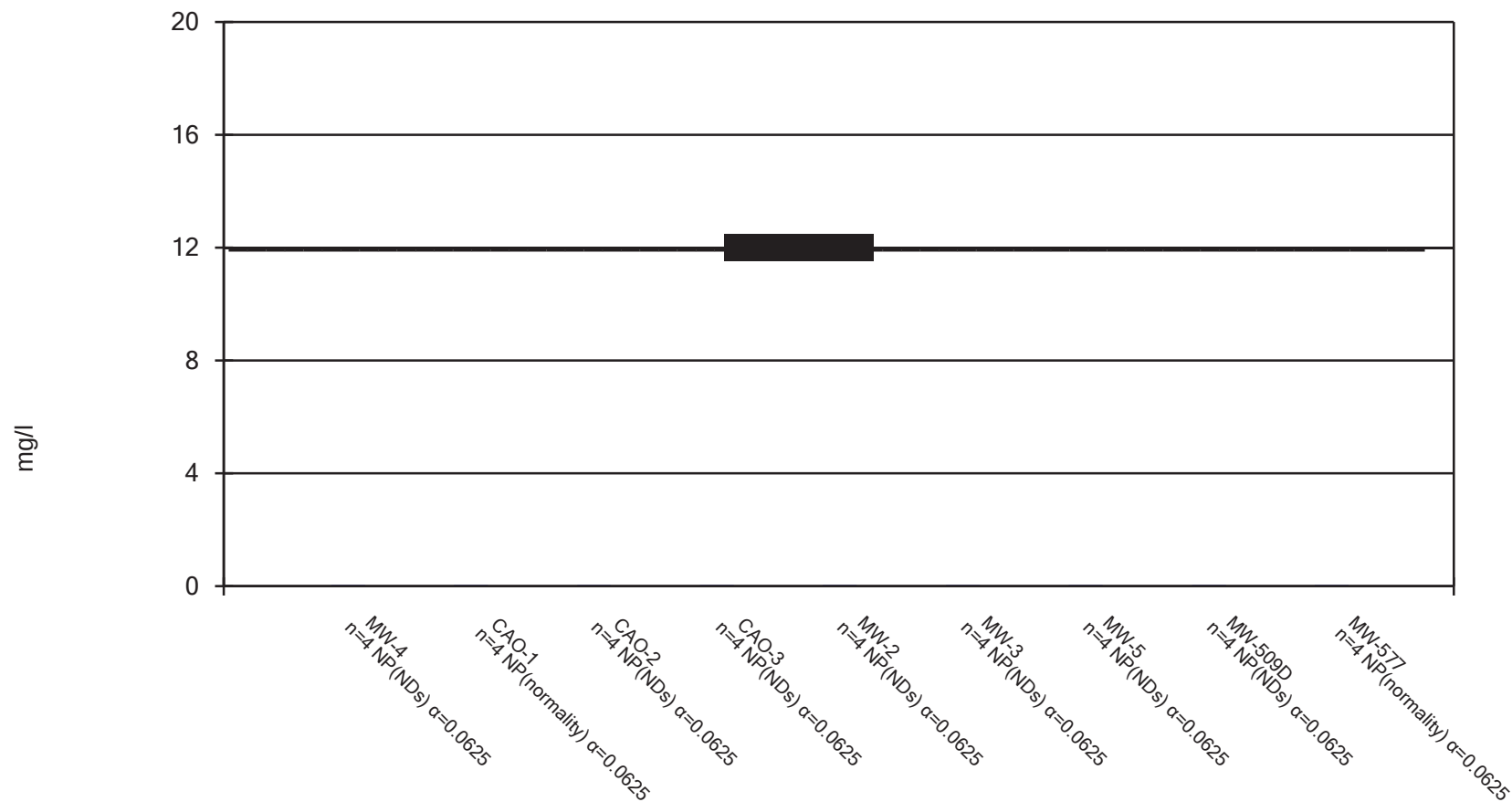


Constituent: Selenite Analysis Run 10/23/2015 2:28 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

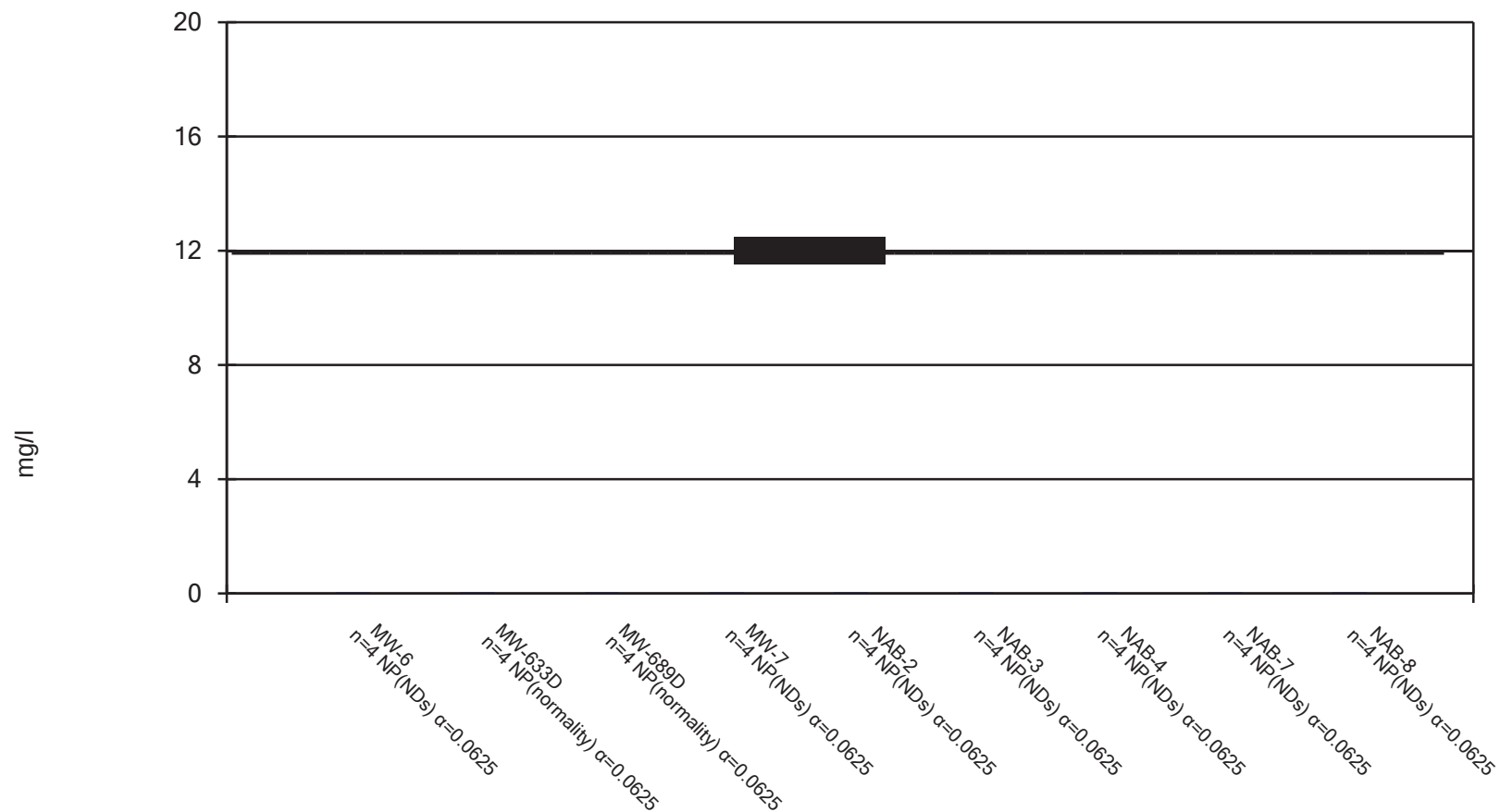


Constituent: Tin Analysis Run 10/23/2015 2:30 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

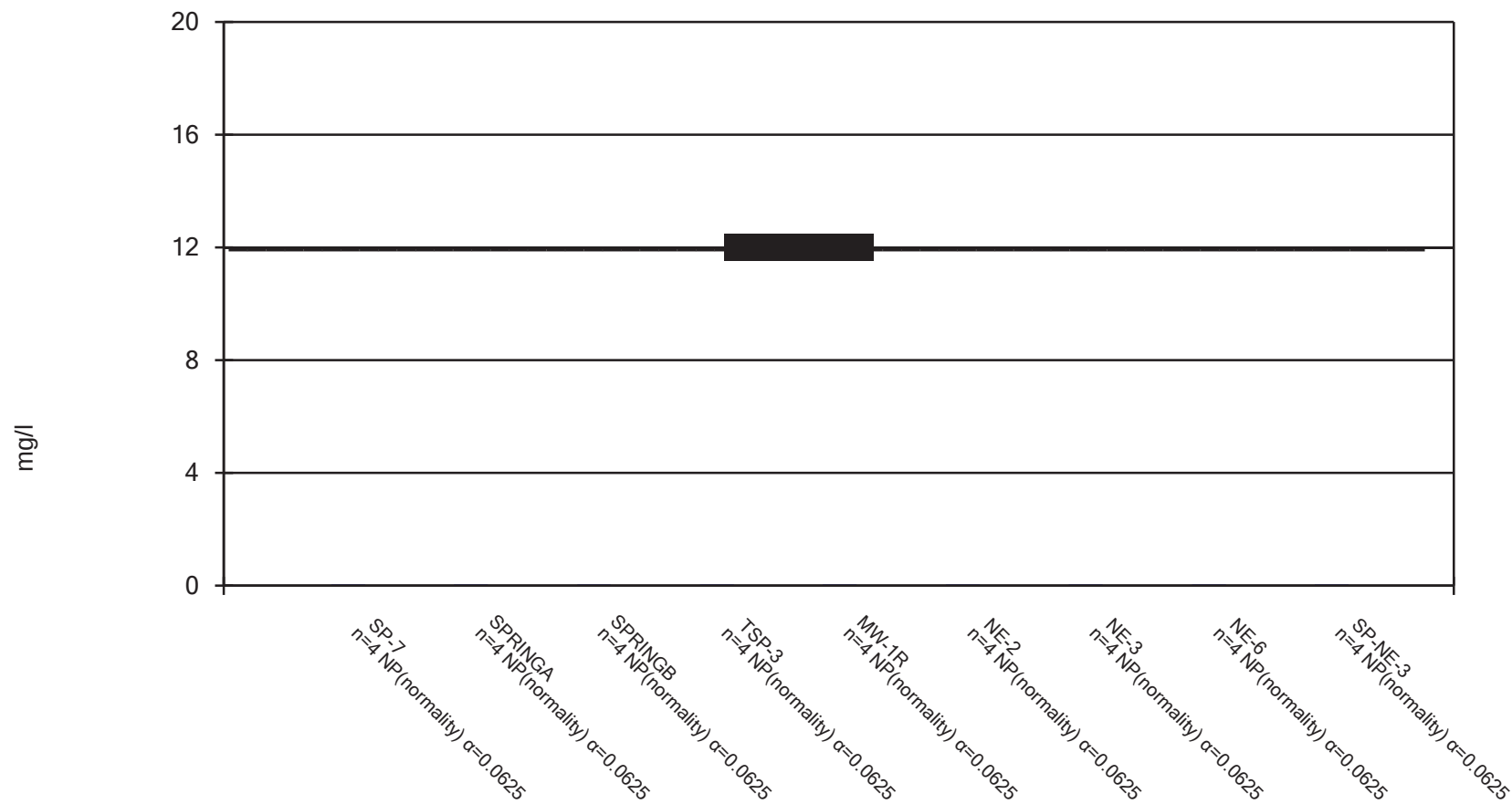


Constituent: Tin Analysis Run 10/23/2015 2:30 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

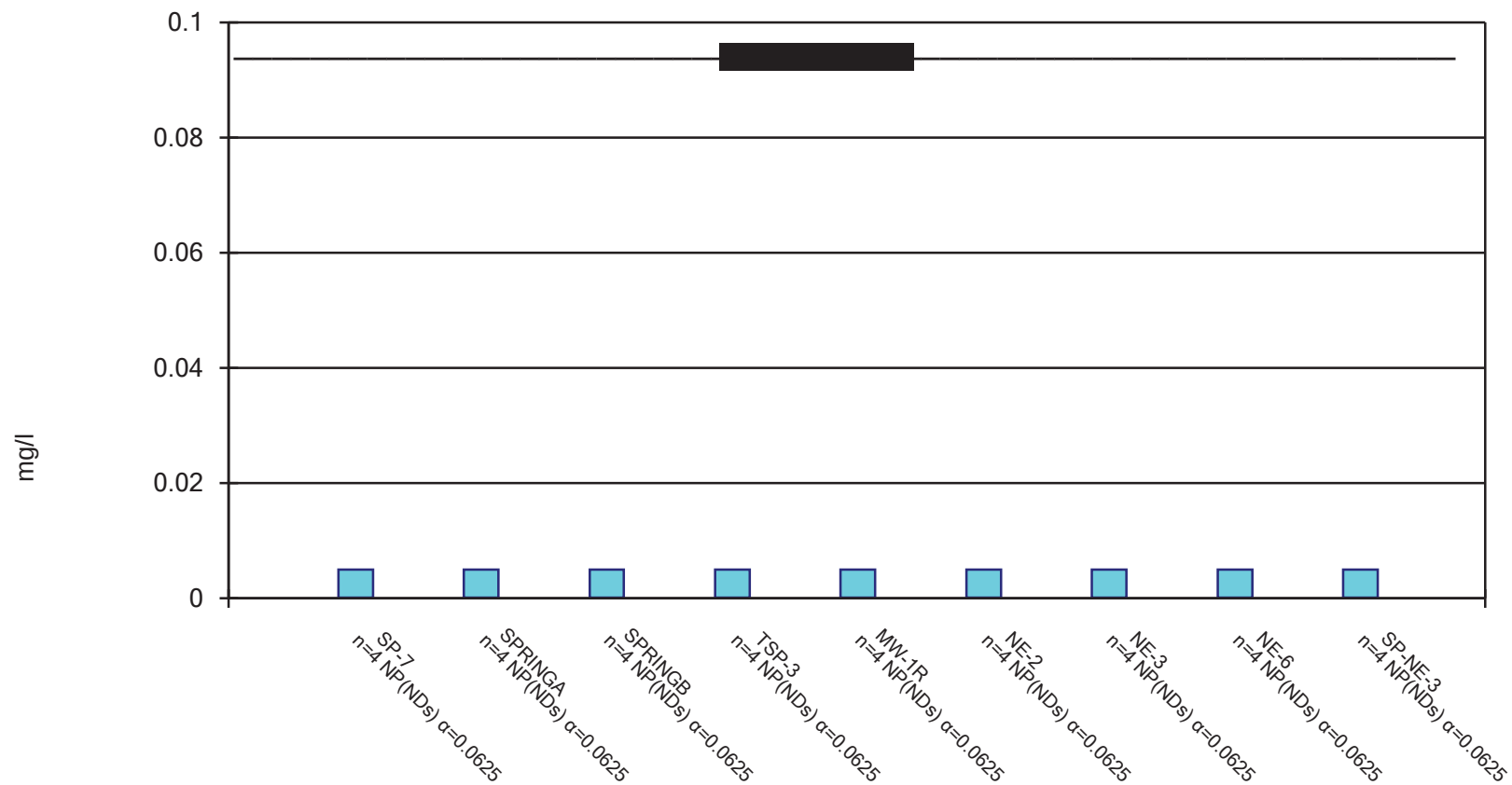


Constituent: Tin Analysis Run 10/23/2015 2:31 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

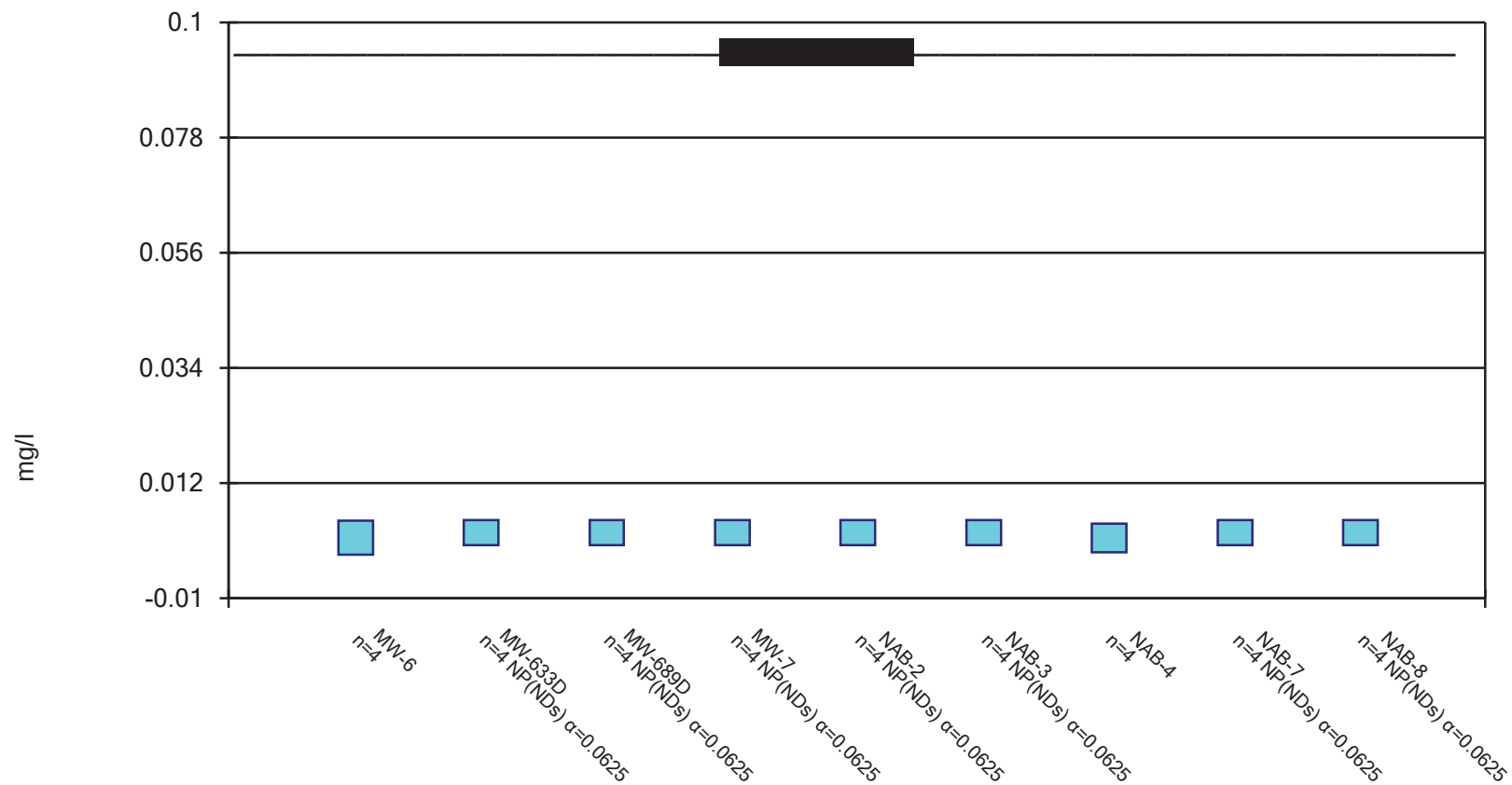


Constituent: Silver Analysis Run 10/23/2015 2:42 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

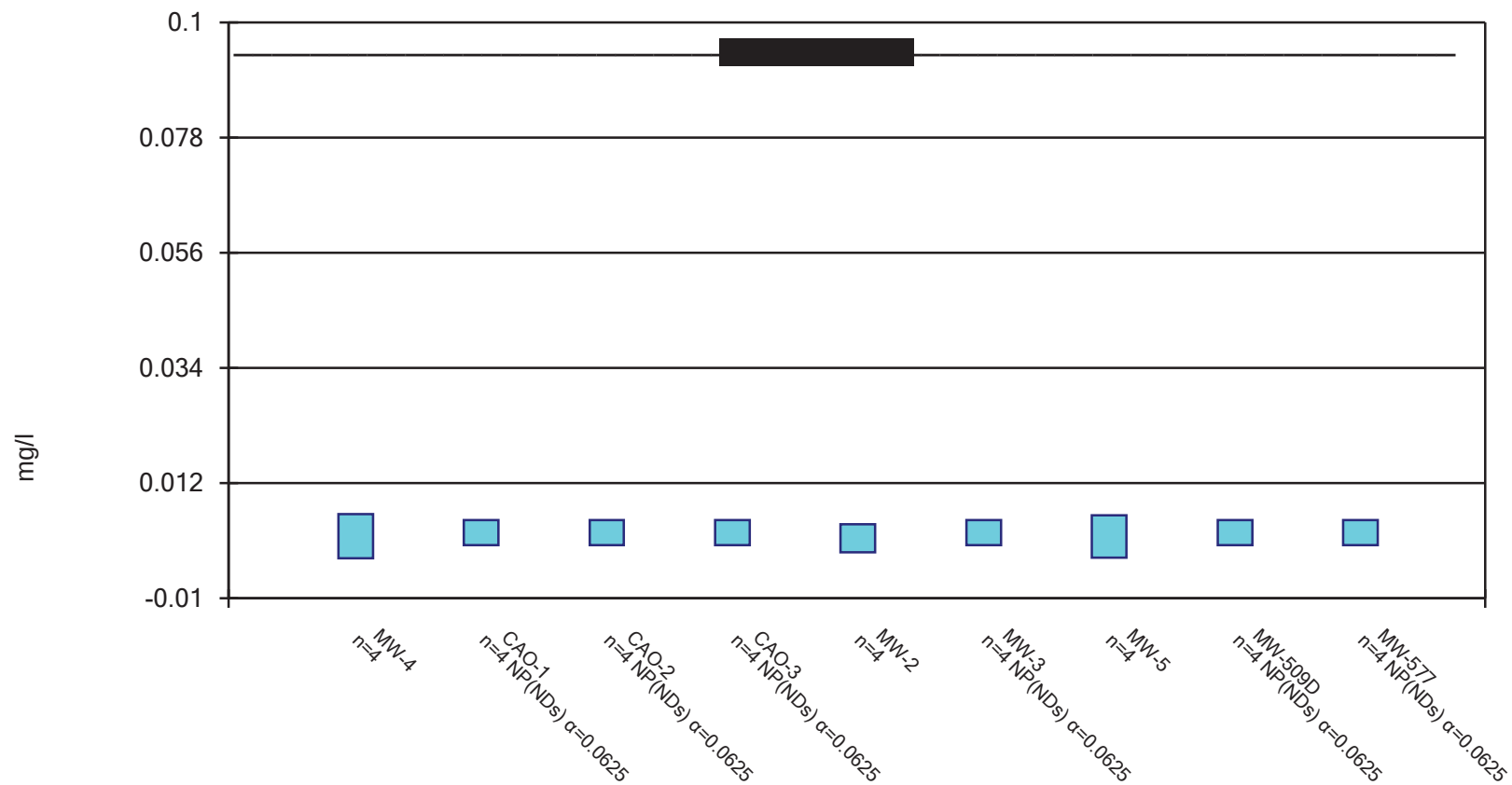


Constituent: Silver Analysis Run 10/23/2015 2:43 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

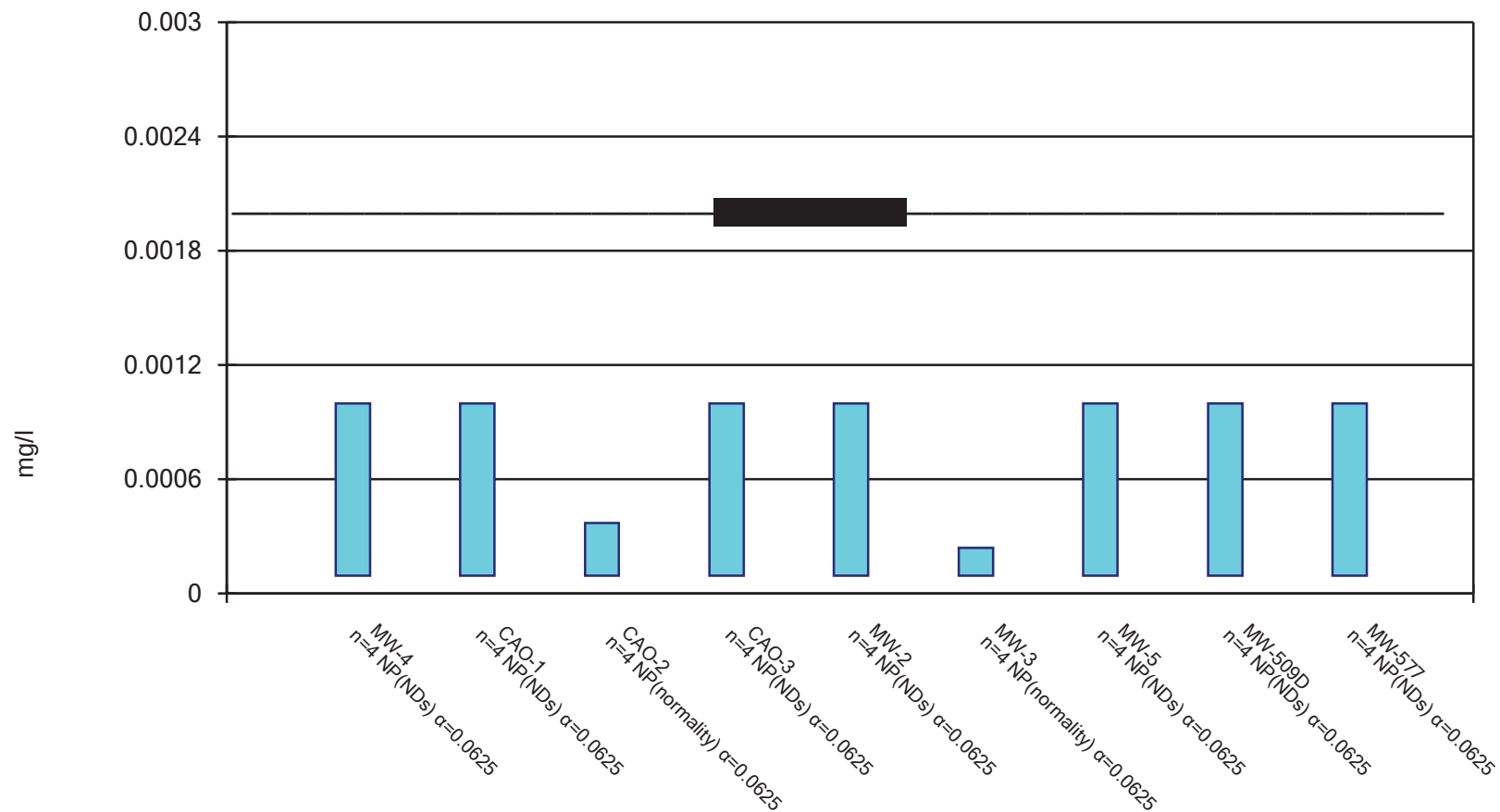


Constituent: Silver Analysis Run 10/23/2015 2:43 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

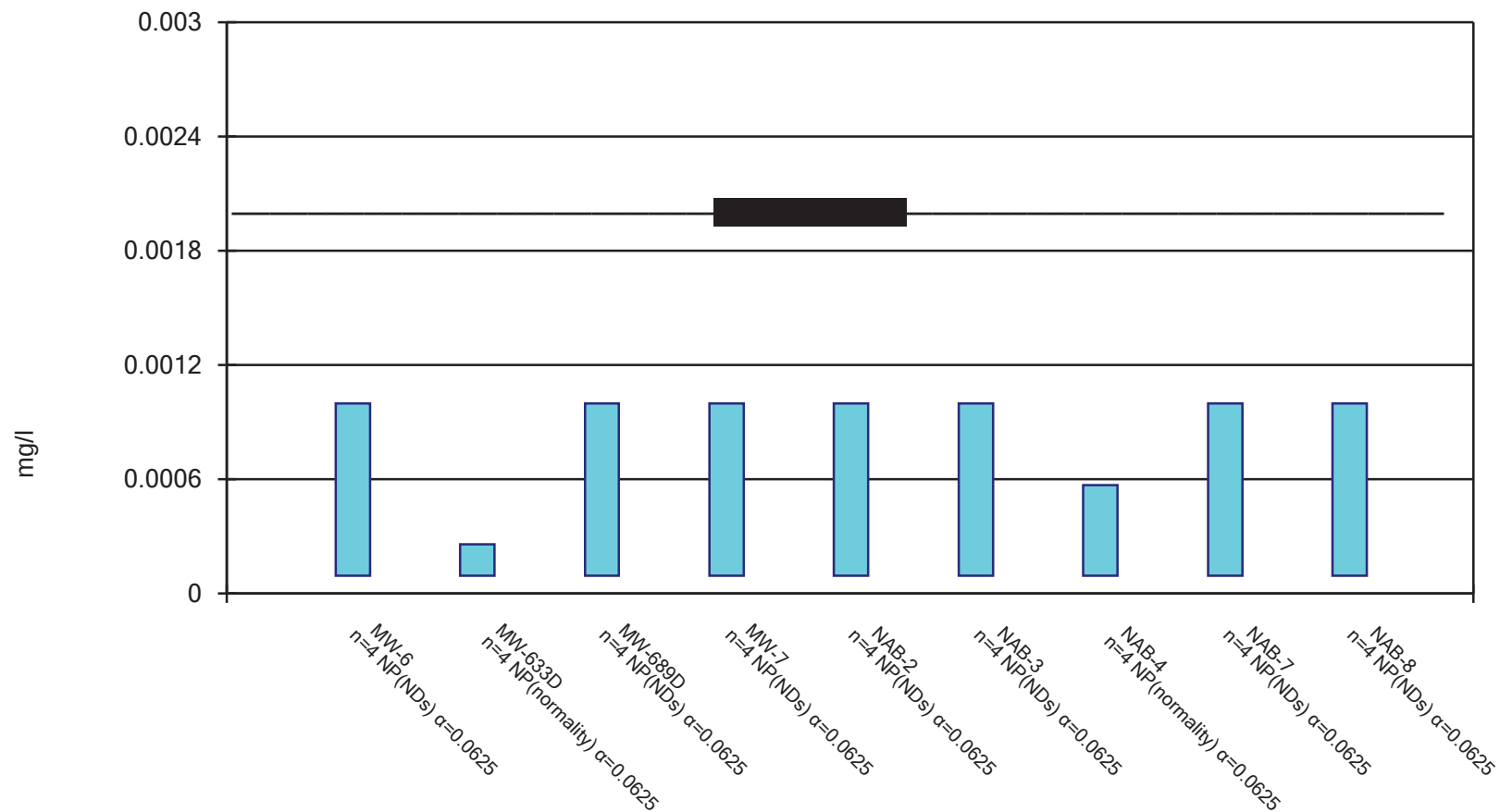


Constituent: Thallium Analysis Run 10/23/2015 2:51 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

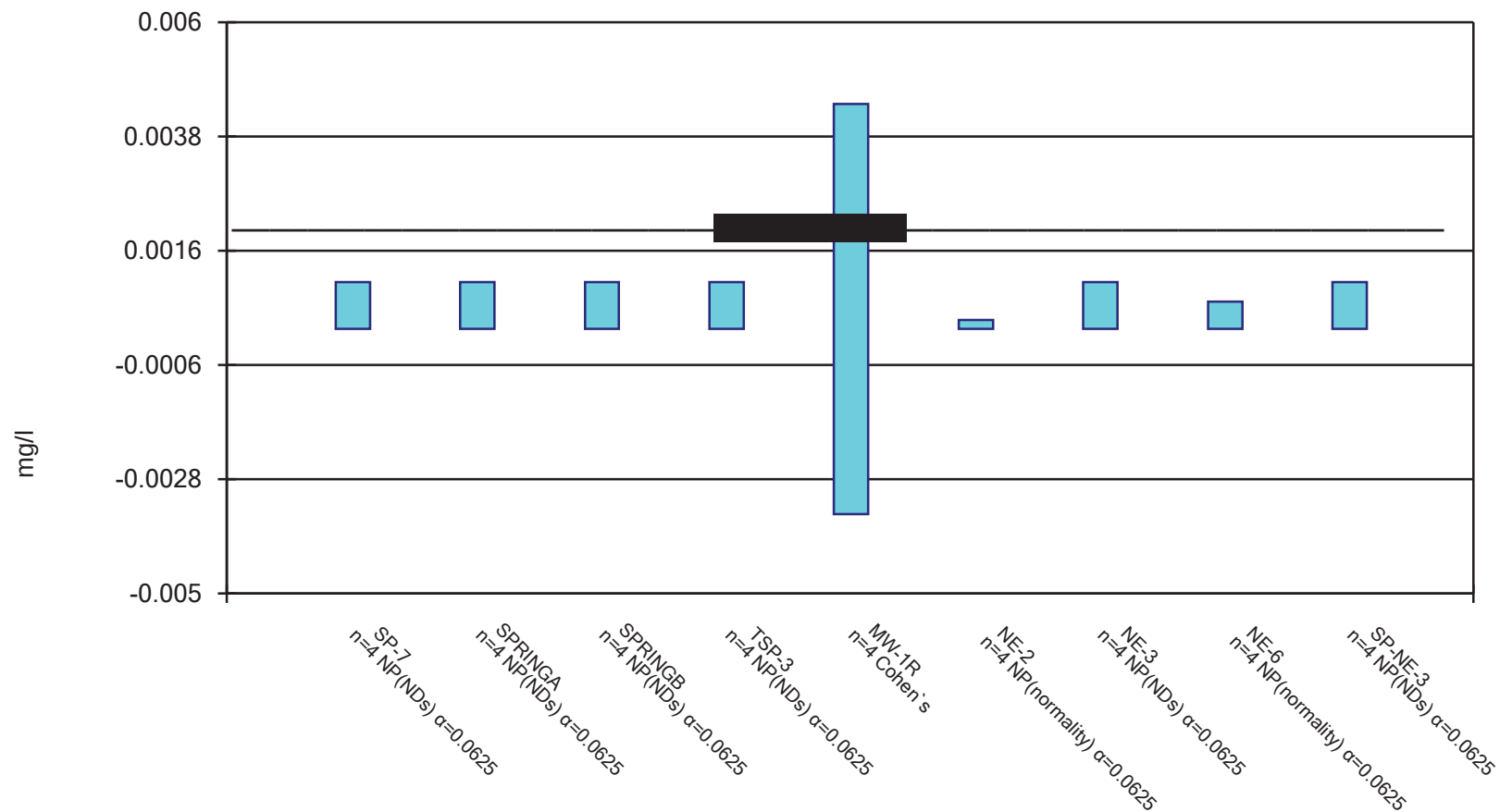


Constituent: Thallium Analysis Run 10/23/2015 2:52 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

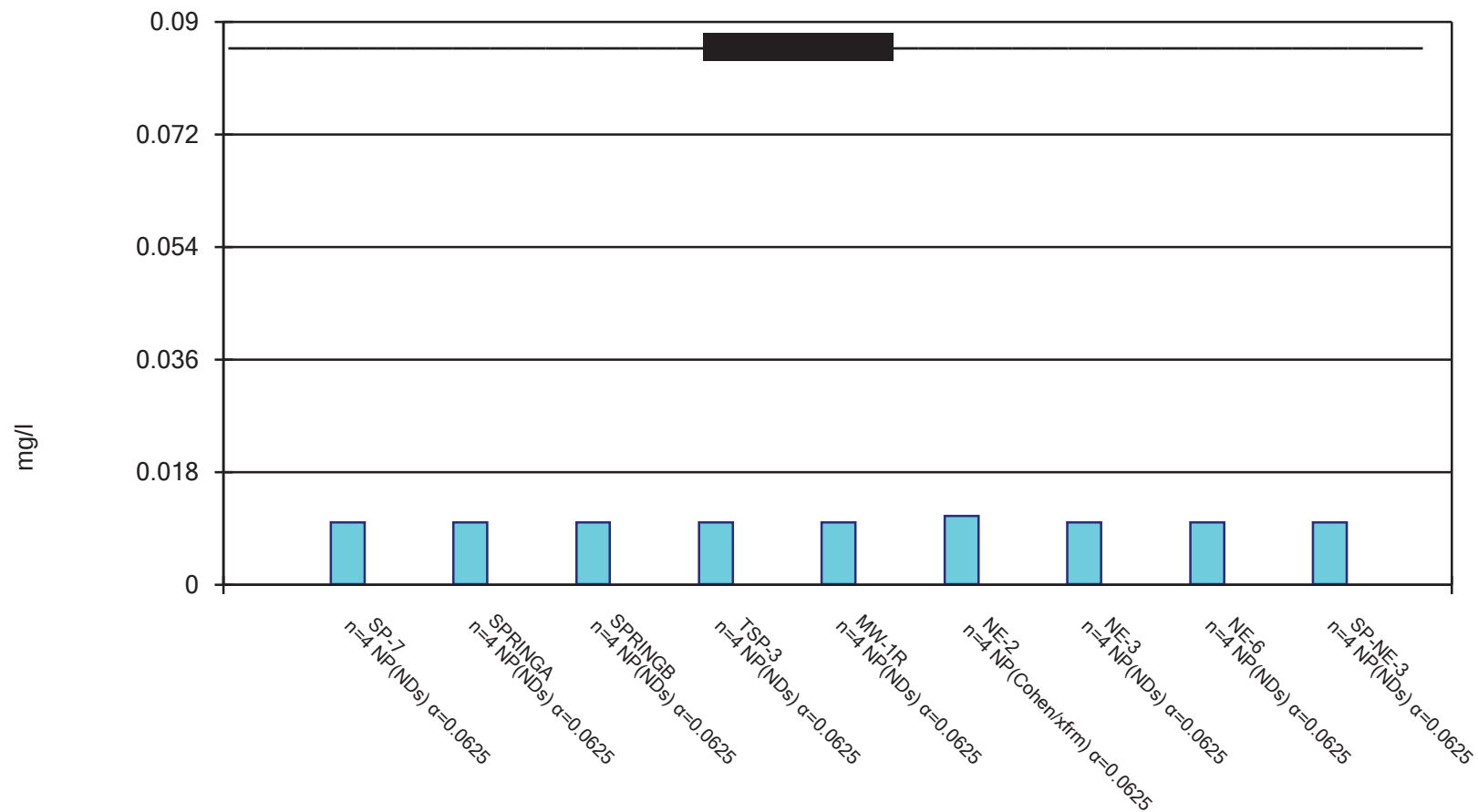


Constituent: Thallium Analysis Run 10/23/2015 2:54 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

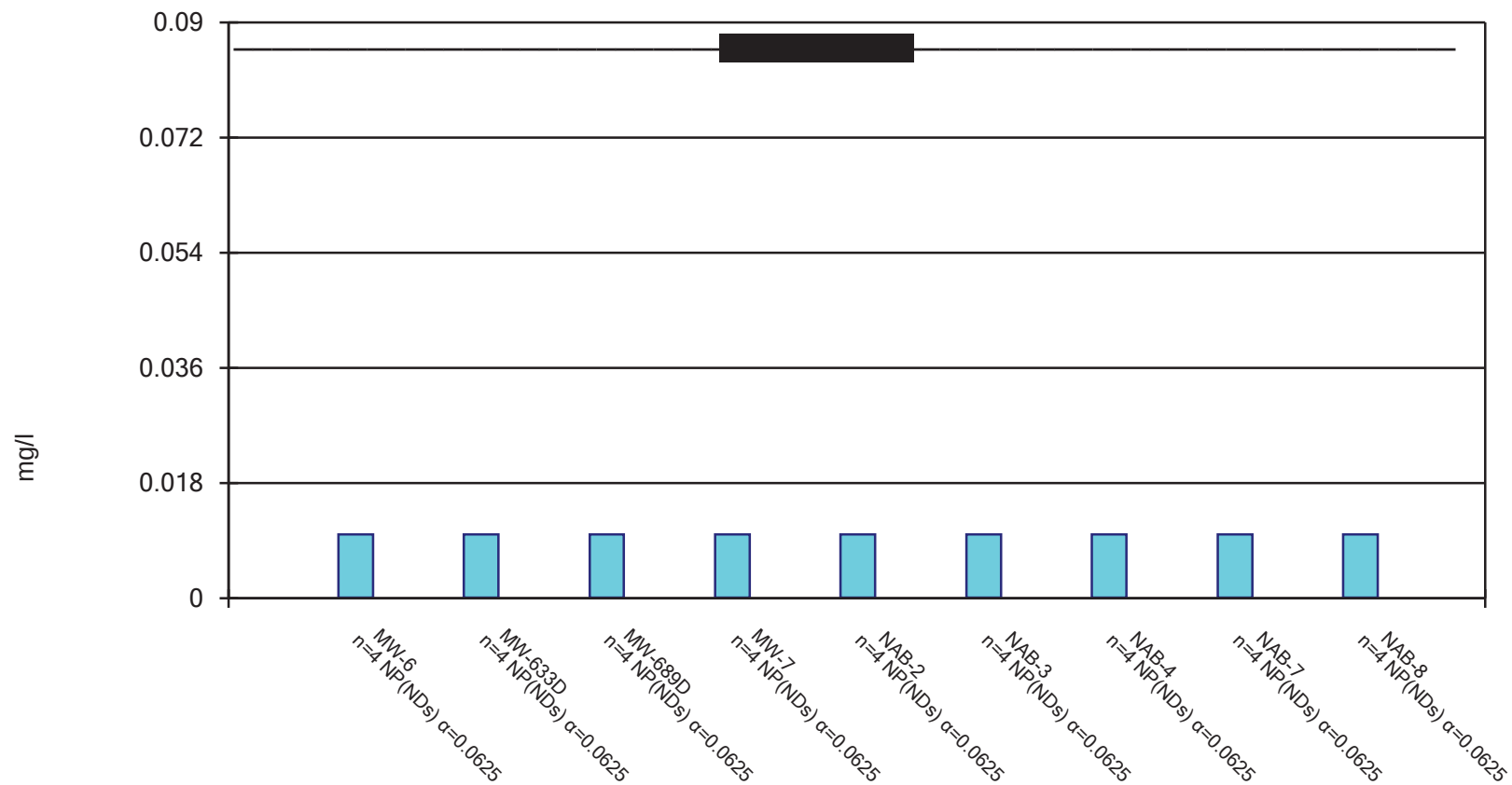


Constituent: Vanadium Analysis Run 10/23/2015 2:56 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

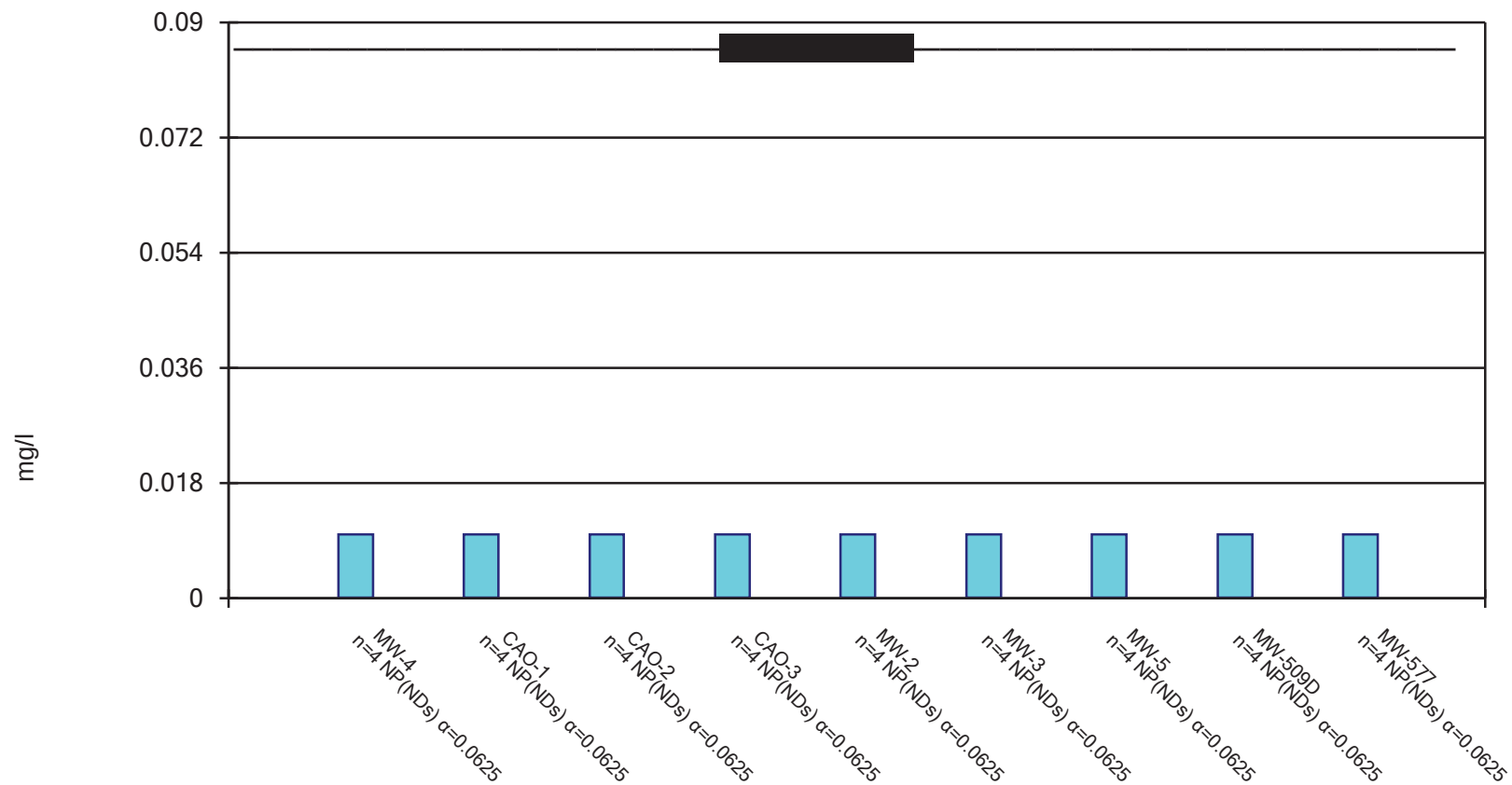


Constituent: Vanadium Analysis Run 10/23/2015 2:56 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

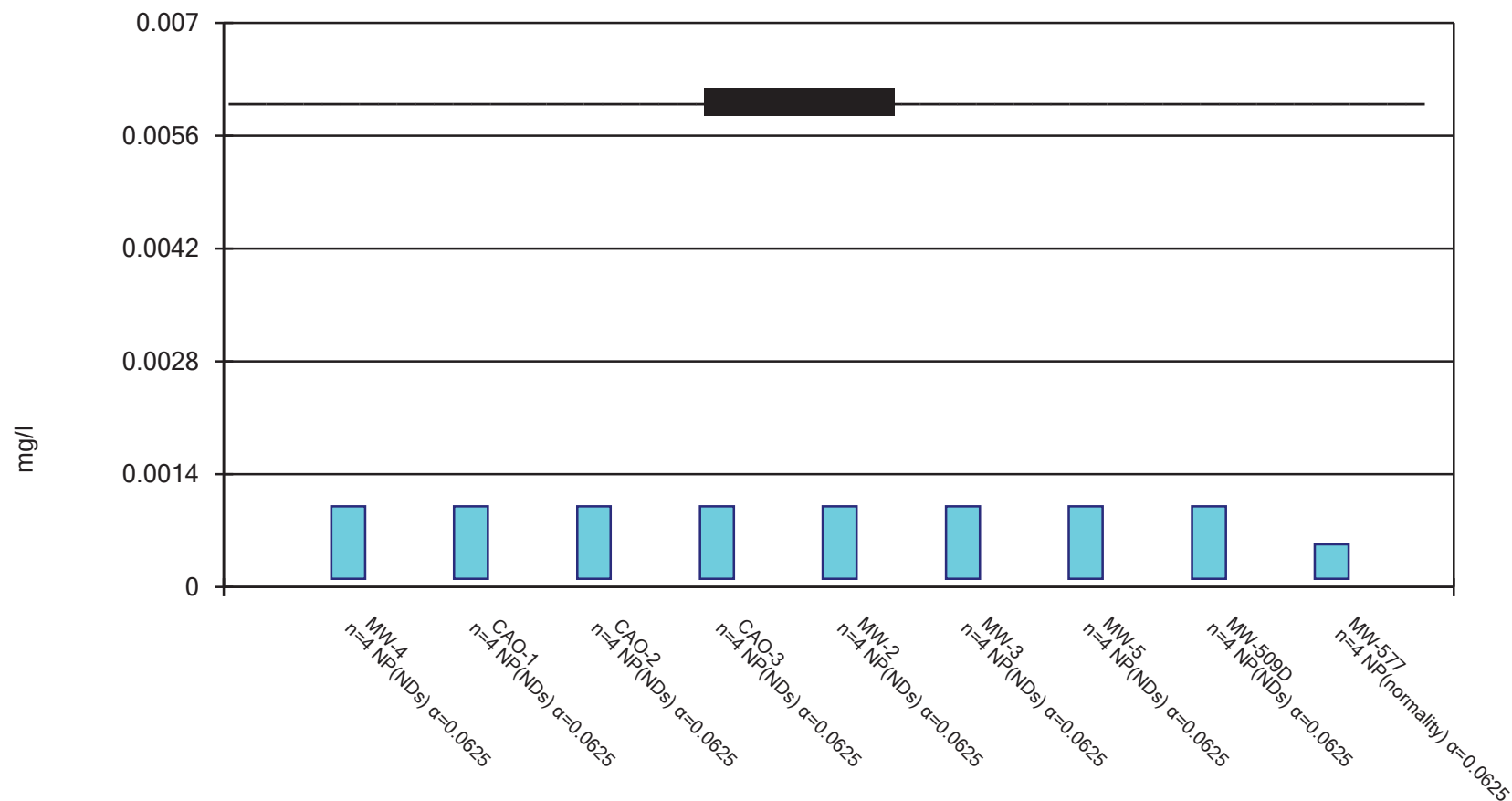


Constituent: Vanadium Analysis Run 10/23/2015 2:57 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

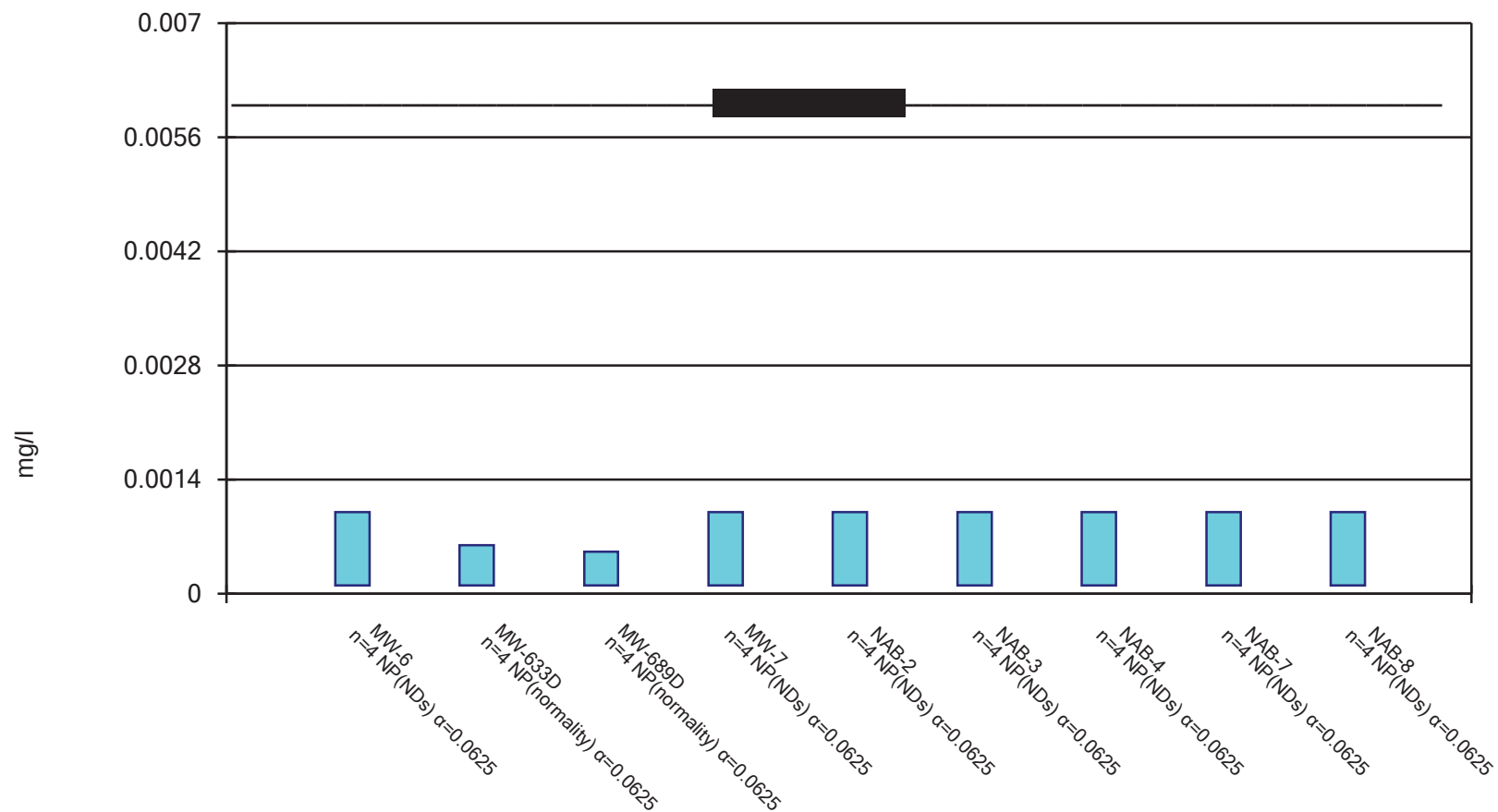


Constituent: Antimony Analysis Run 10/23/2015 2:58 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

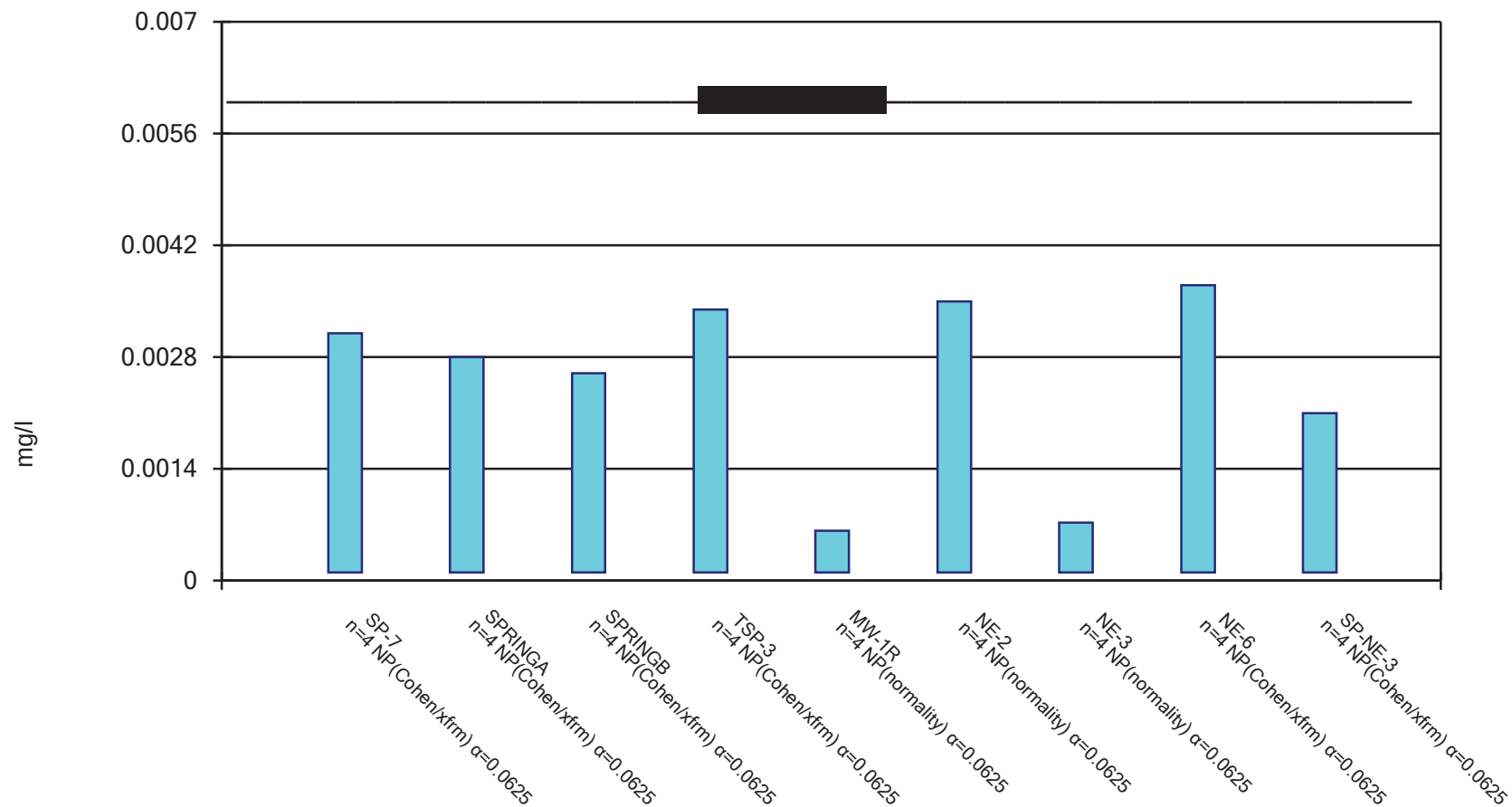


Constituent: Antimony Analysis Run 10/23/2015 2:59 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

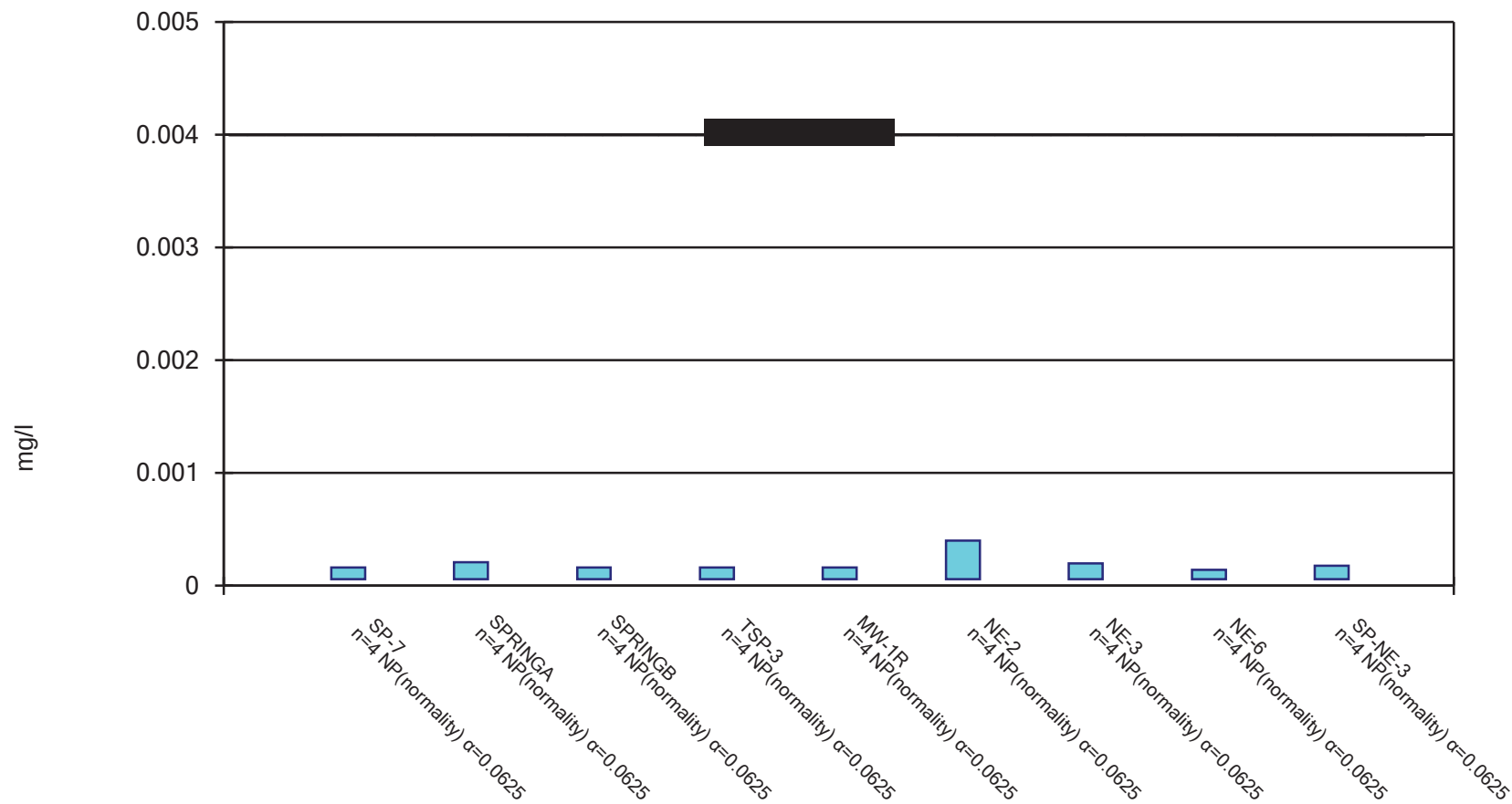


Constituent: Antimony Analysis Run 10/23/2015 3:00 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

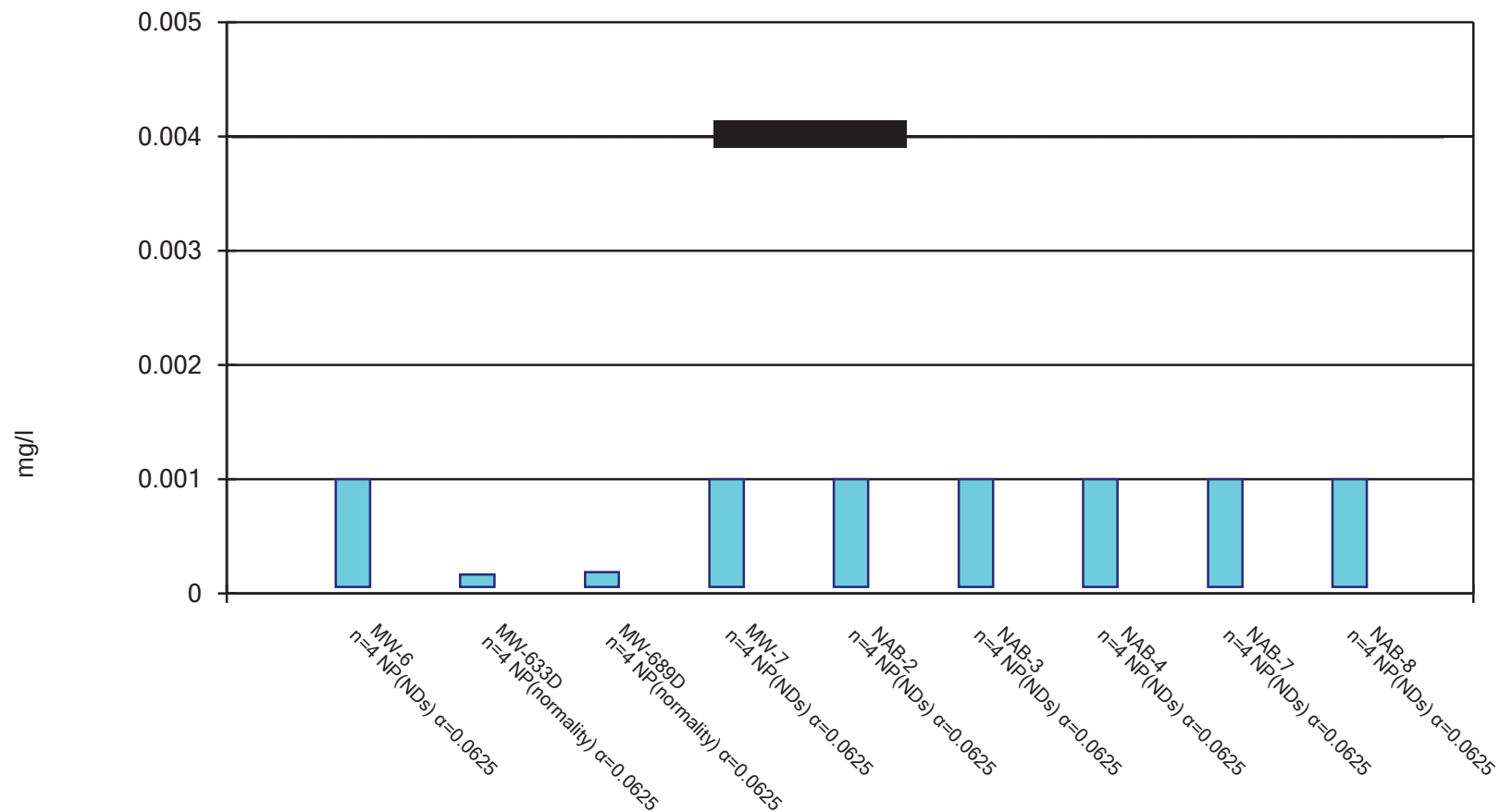


Constituent: Beryllium Analysis Run 10/23/2015 3:06 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

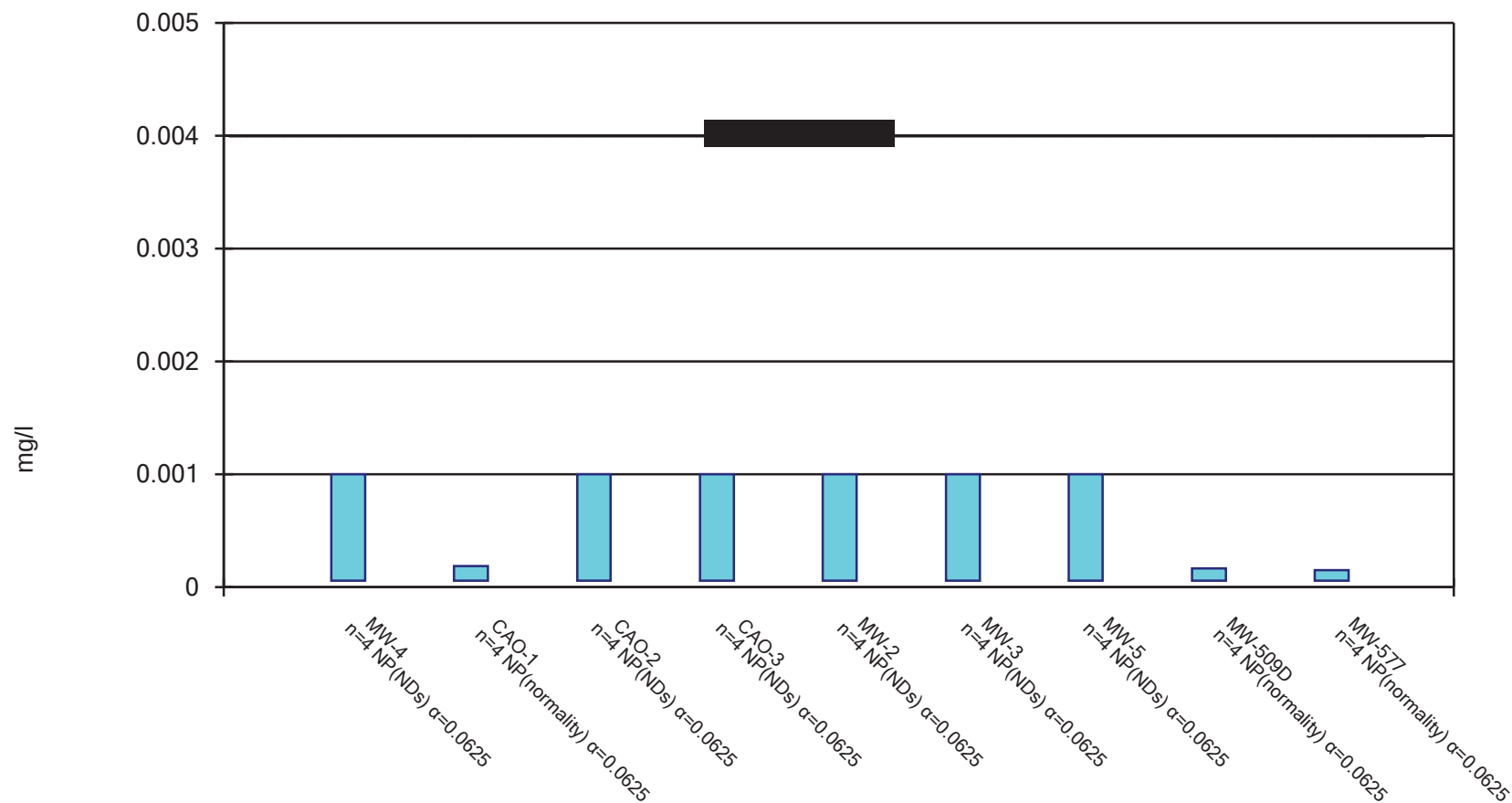


Constituent: Beryllium Analysis Run 10/23/2015 3:06 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

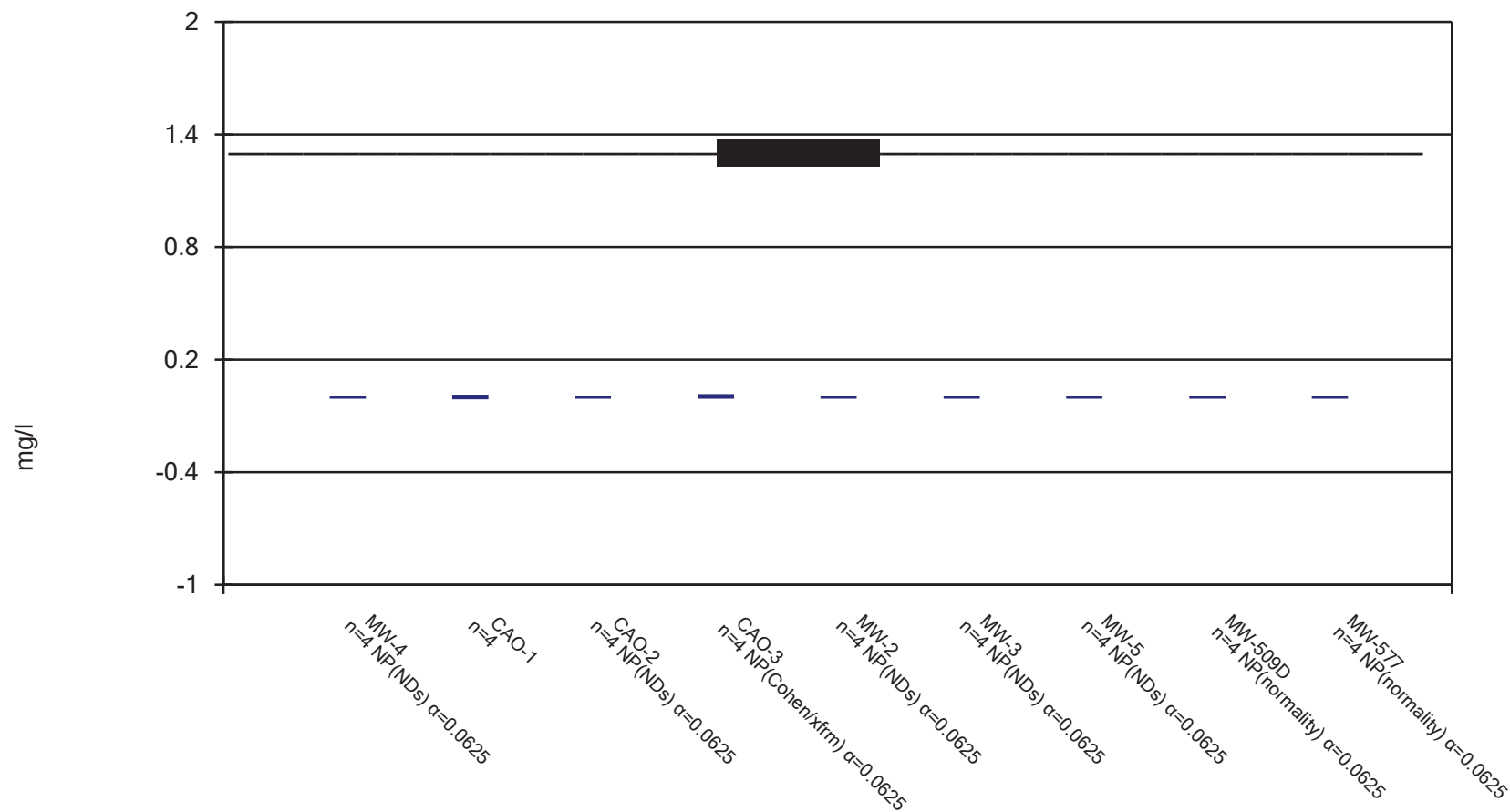


Constituent: Beryllium Analysis Run 10/23/2015 3:07 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

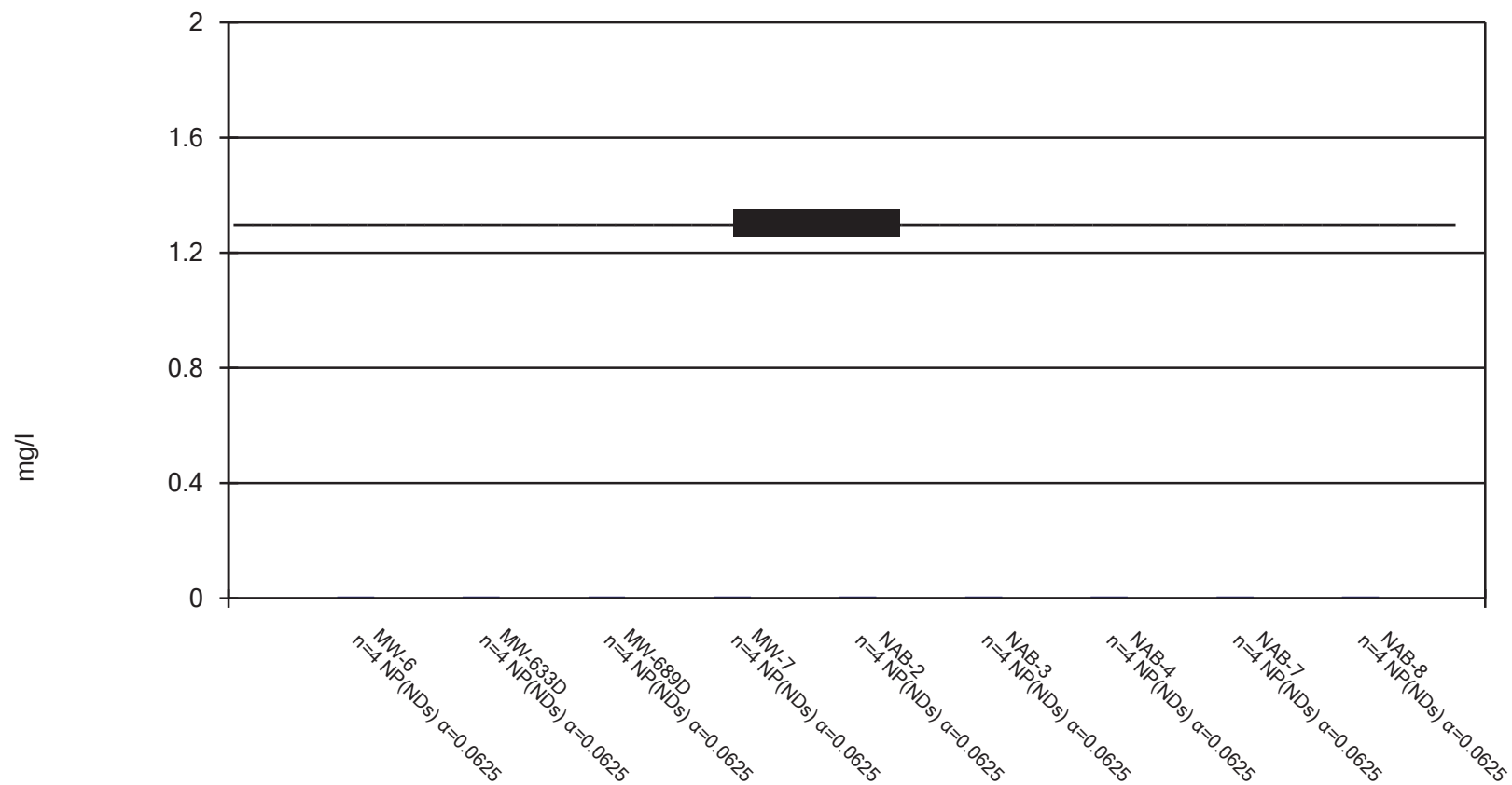


Constituent: Copper Analysis Run 10/23/2015 3:16 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

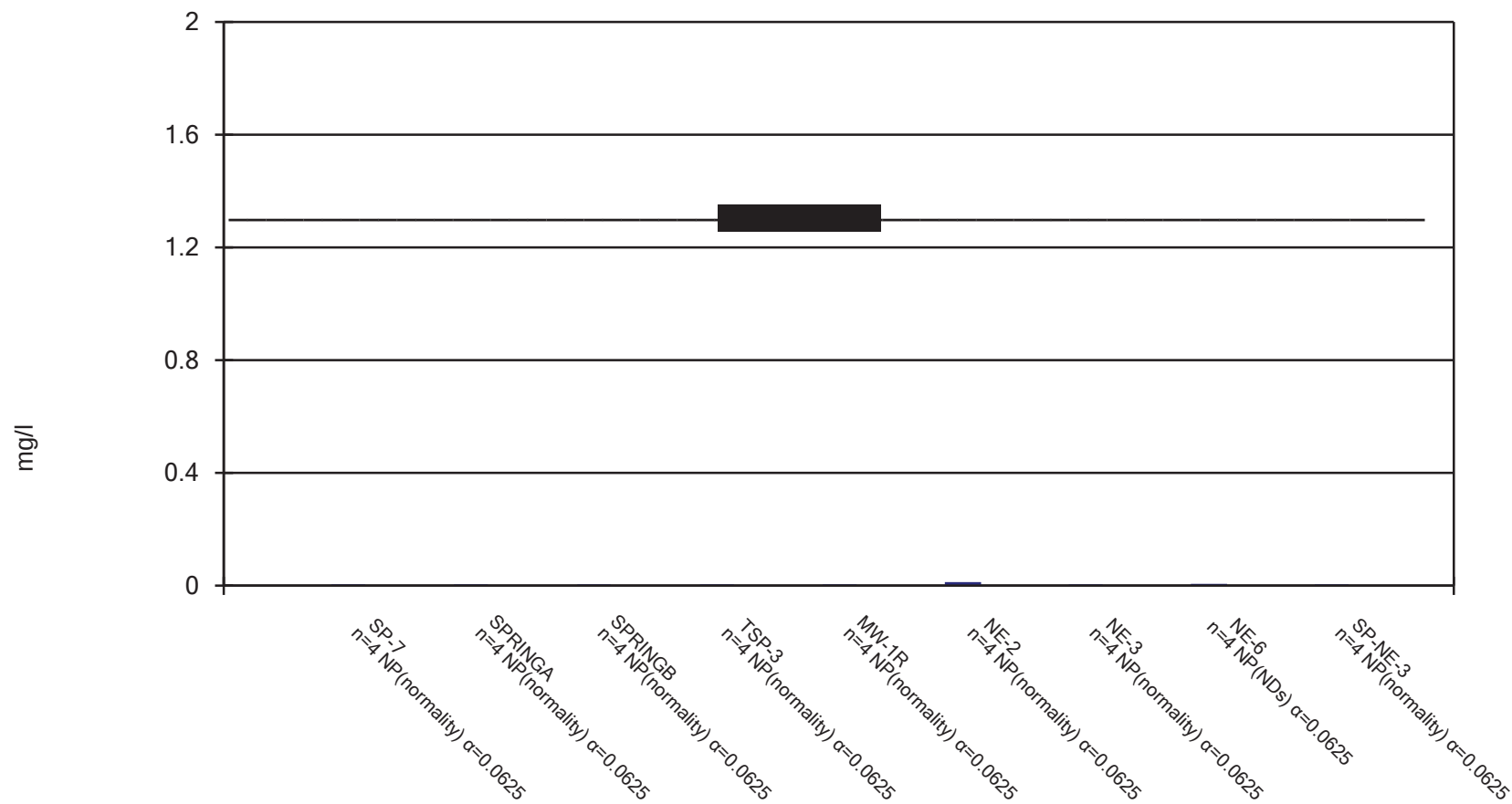


Constituent: Copper Analysis Run 10/23/2015 3:17 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

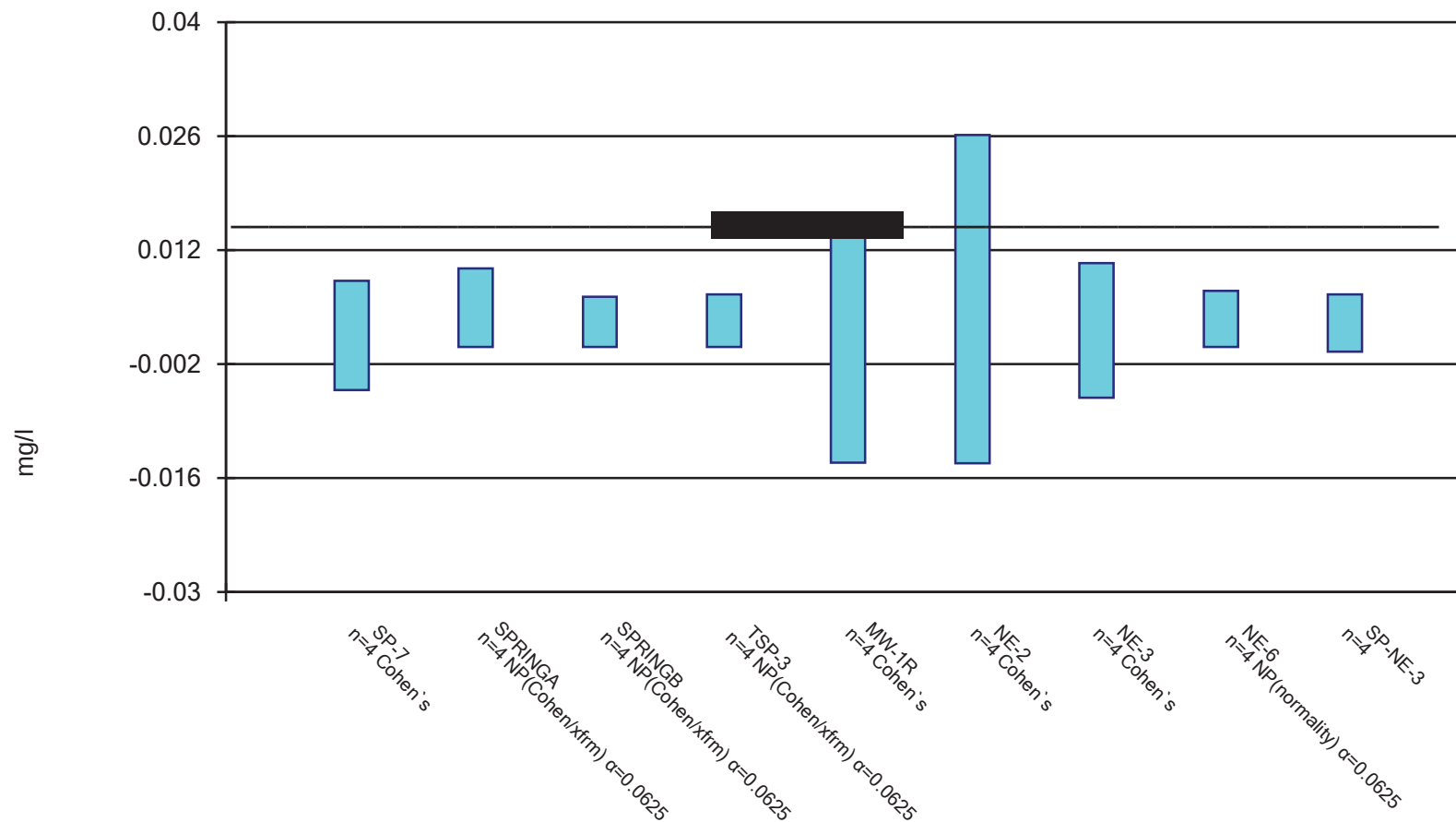


Constituent: Copper Analysis Run 10/23/2015 3:17 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

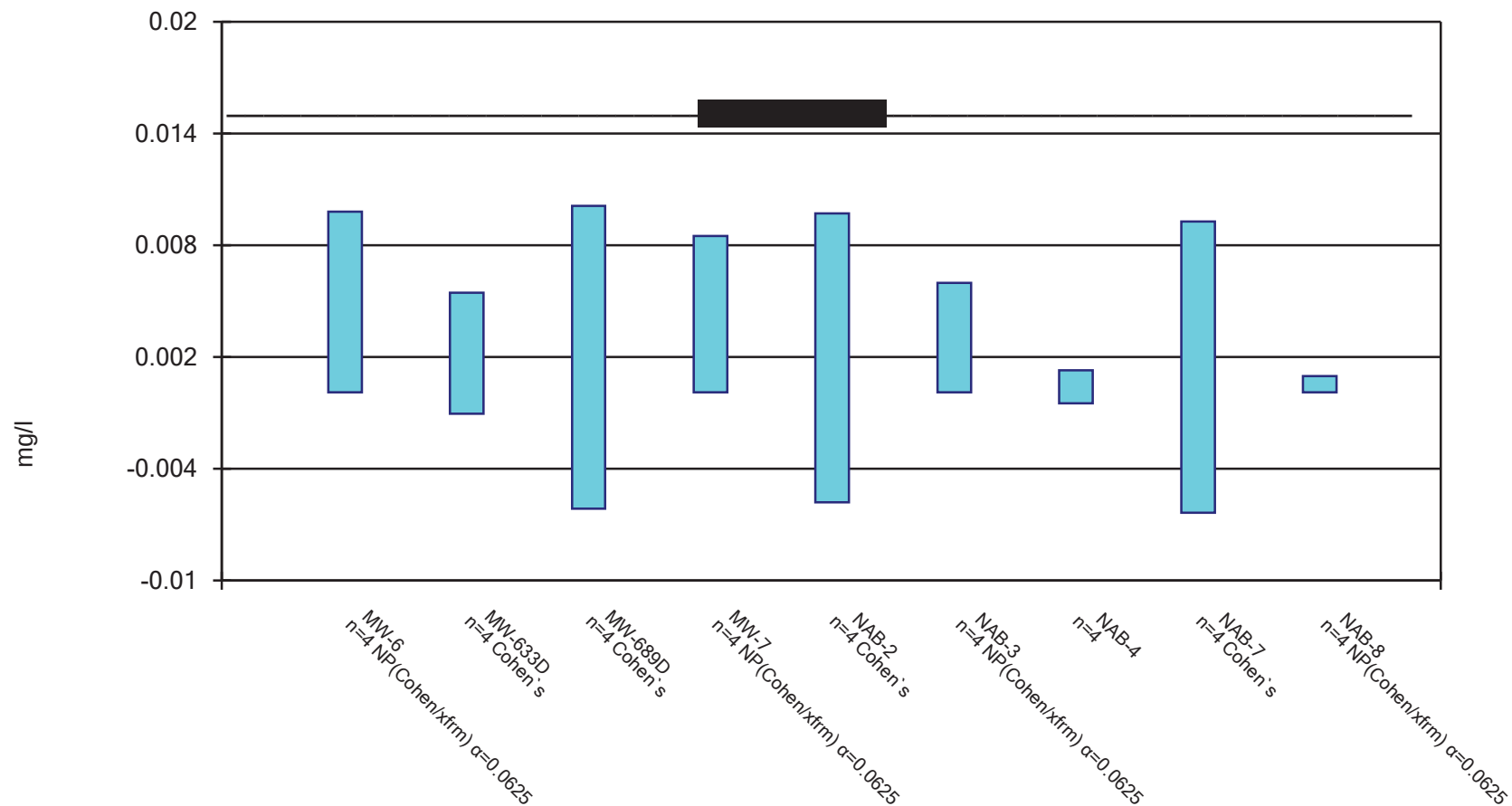


Constituent: Lead Analysis Run 10/23/2015 3:28 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

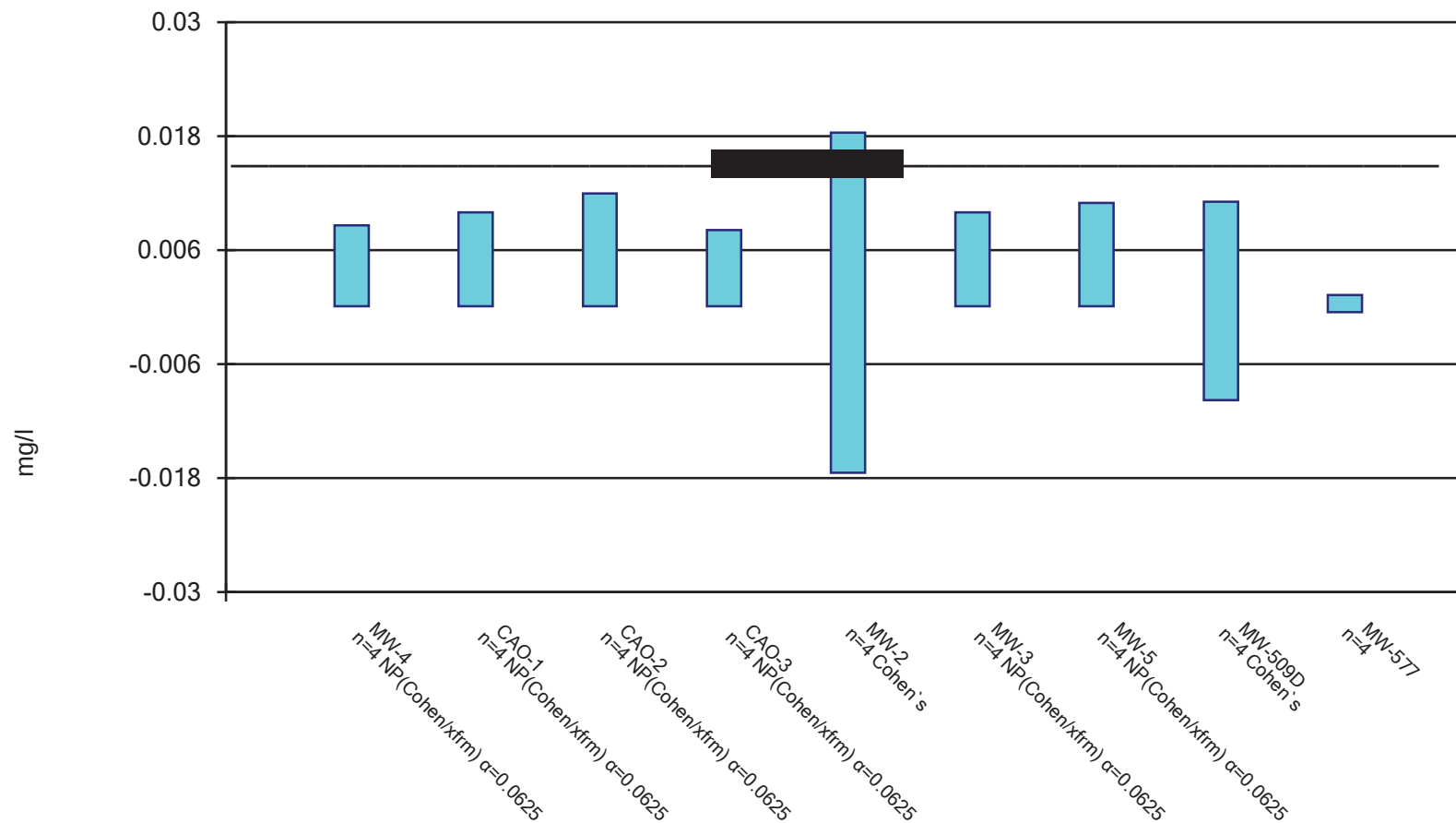


Constituent: Lead Analysis Run 10/23/2015 3:28 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

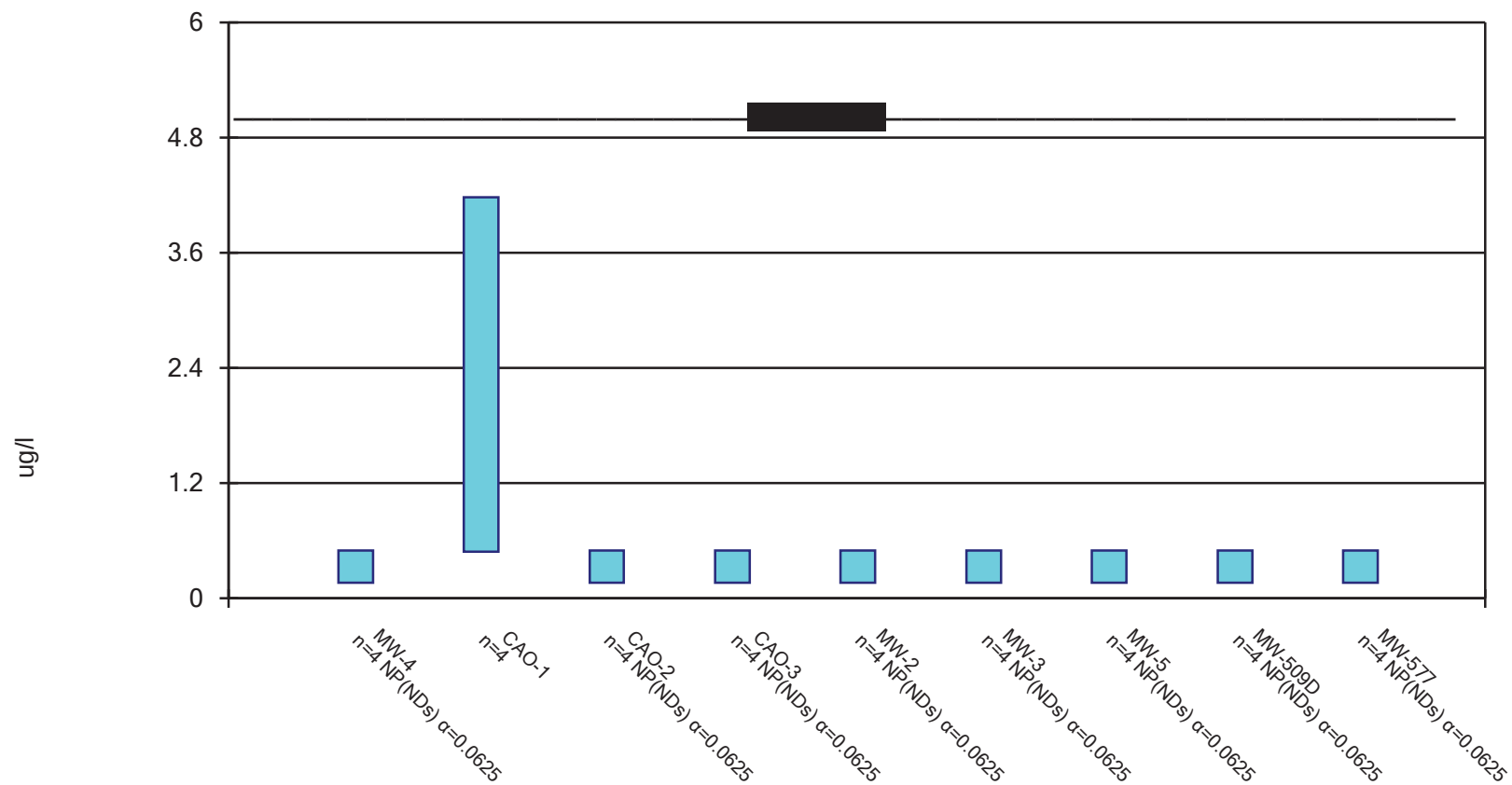


Constituent: Lead Analysis Run 10/23/2015 3:29 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

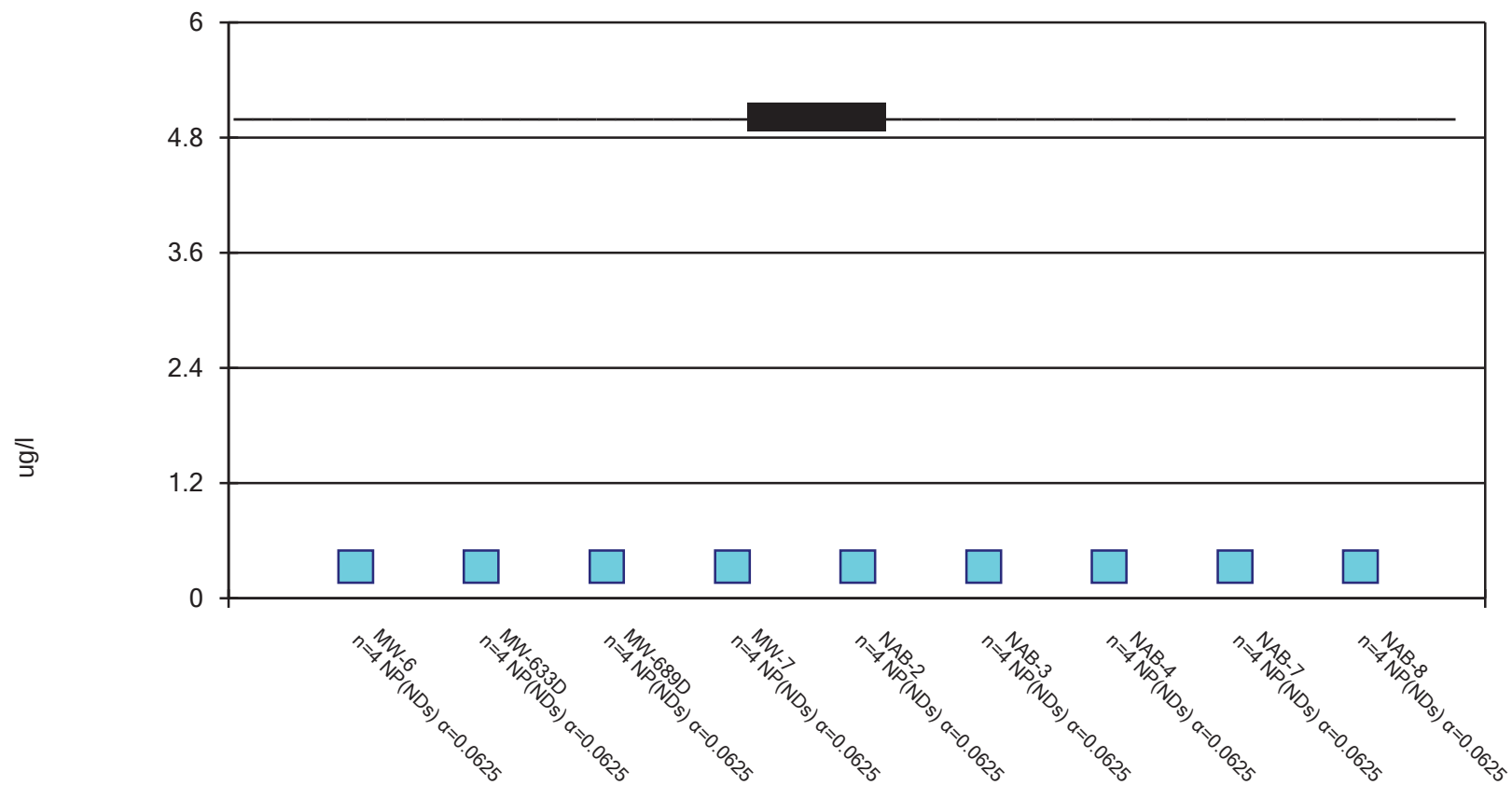


Constituent: Benzene Analysis Run 10/23/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

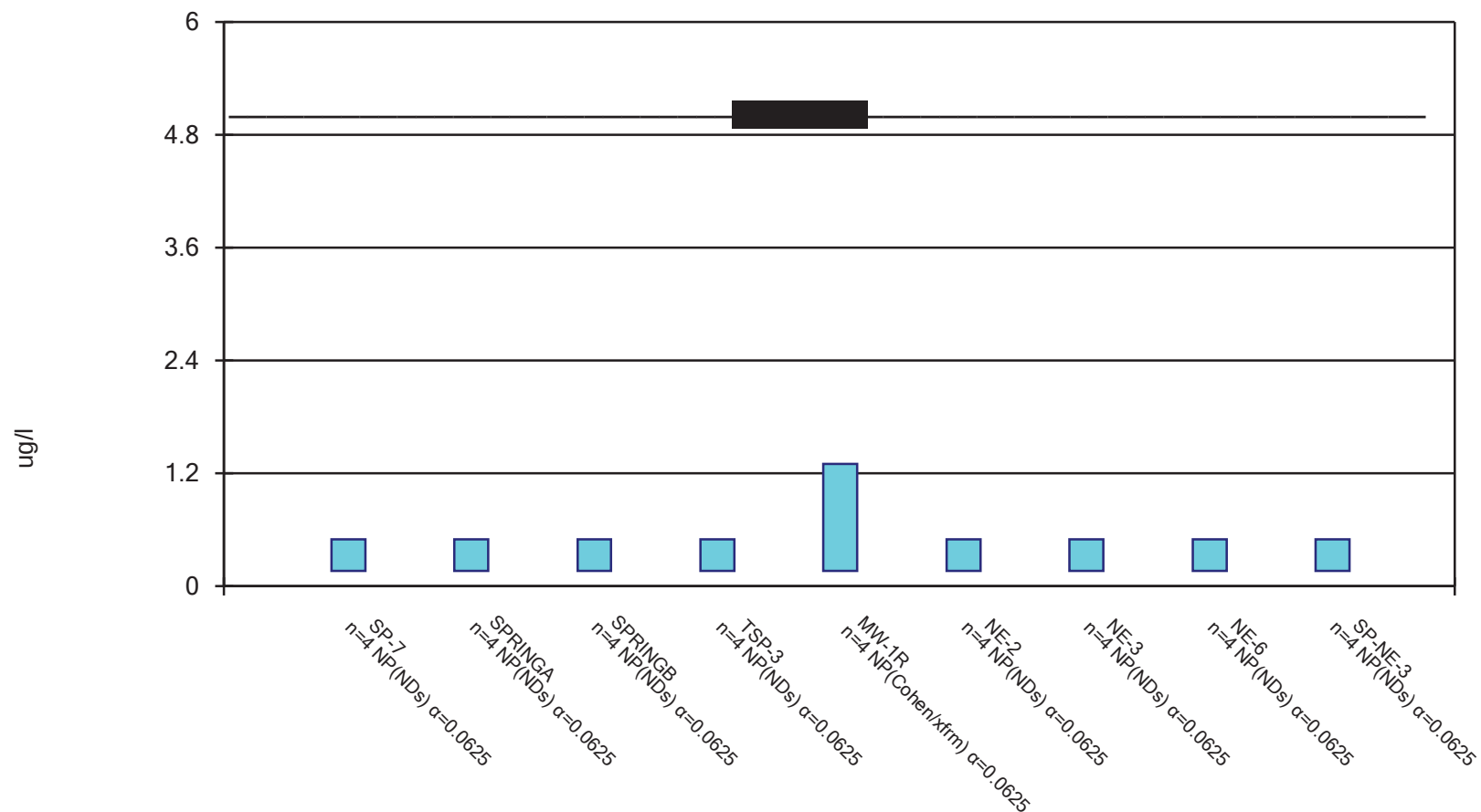


Constituent: Benzene Analysis Run 10/23/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

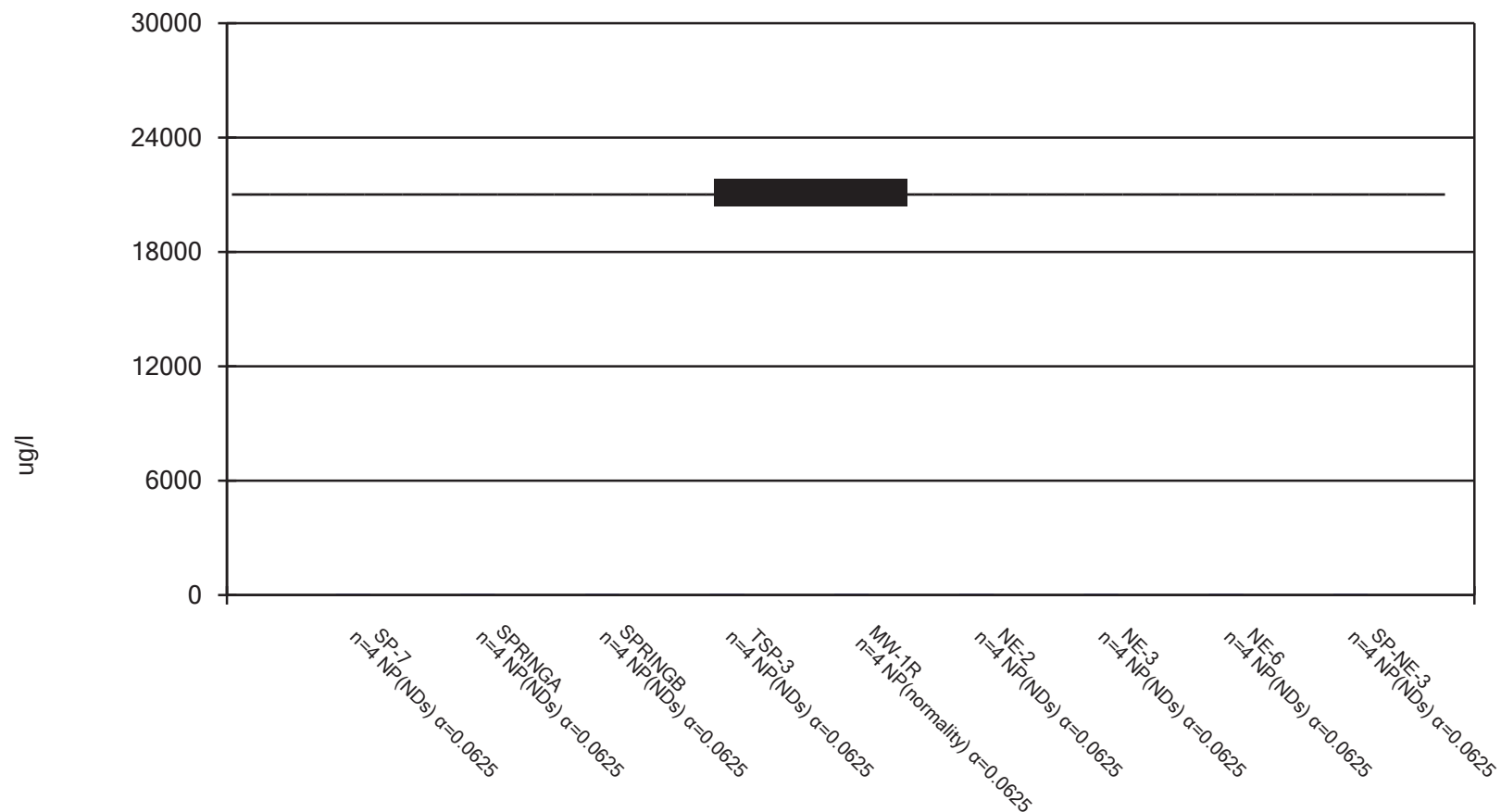


Constituent: Benzene Analysis Run 10/23/2015 3:31 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

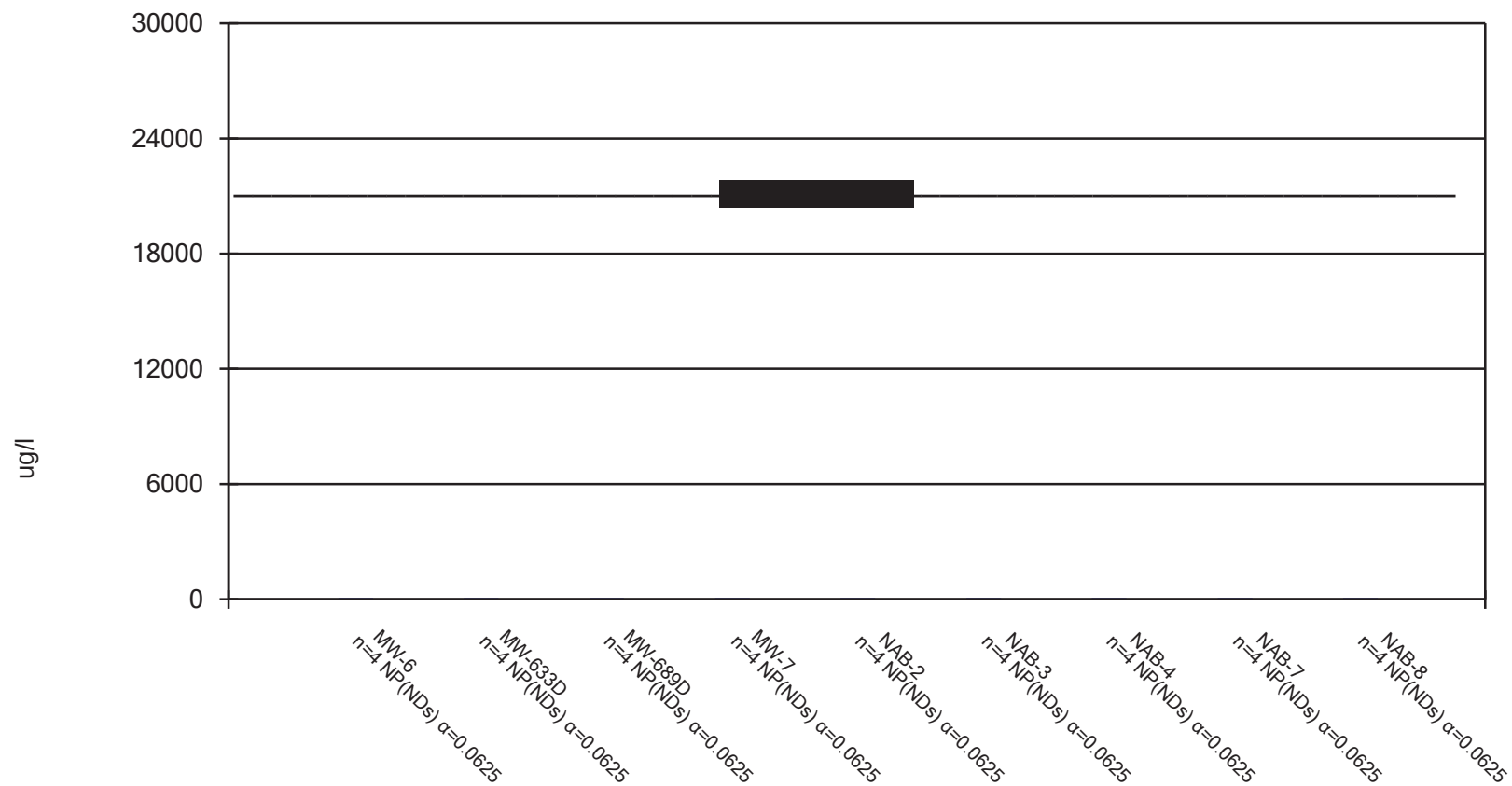


Constituent: Chloroethane Analysis Run 10/23/2015 3:33 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

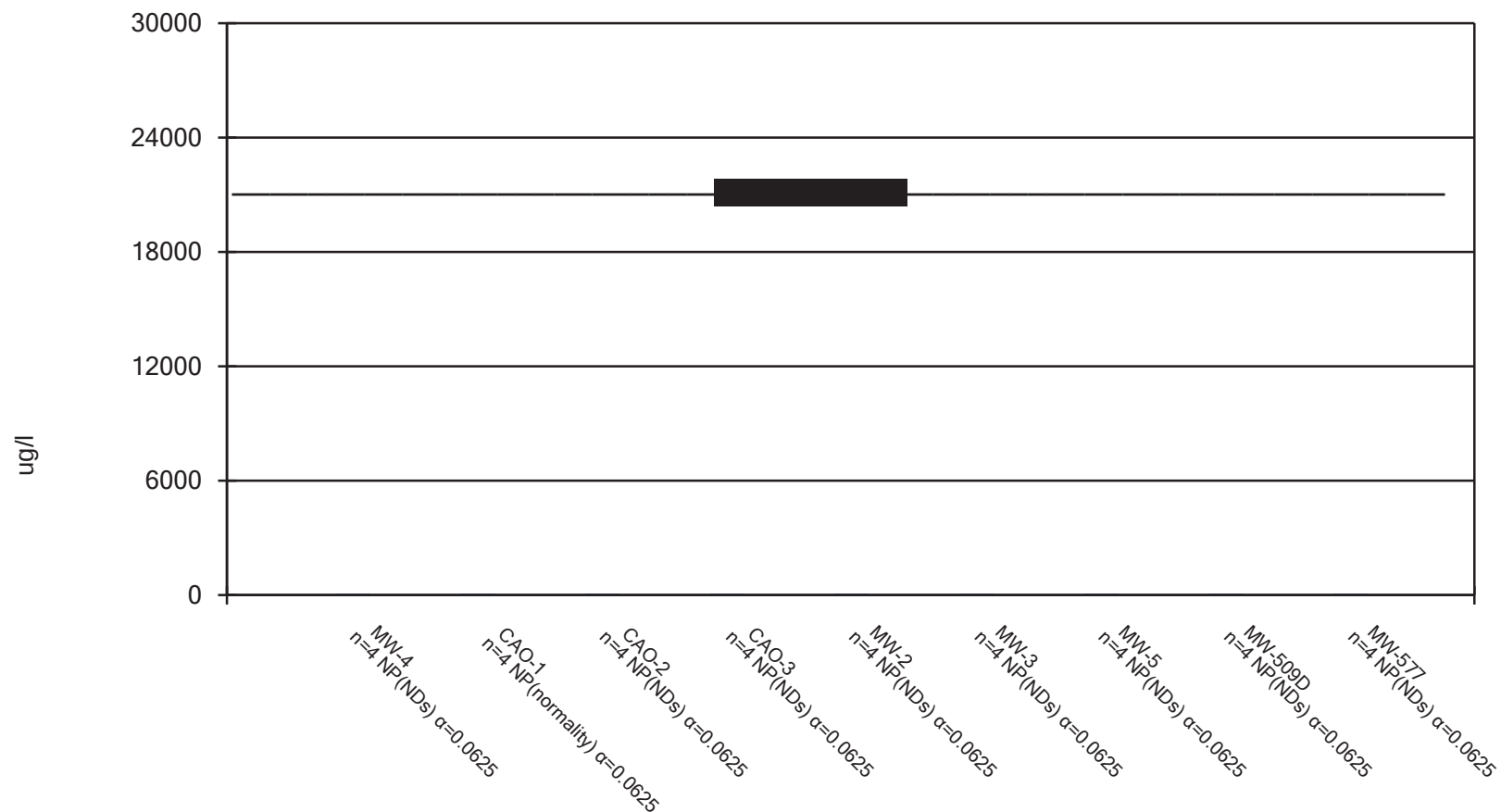


Constituent: Chloroethane Analysis Run 10/23/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

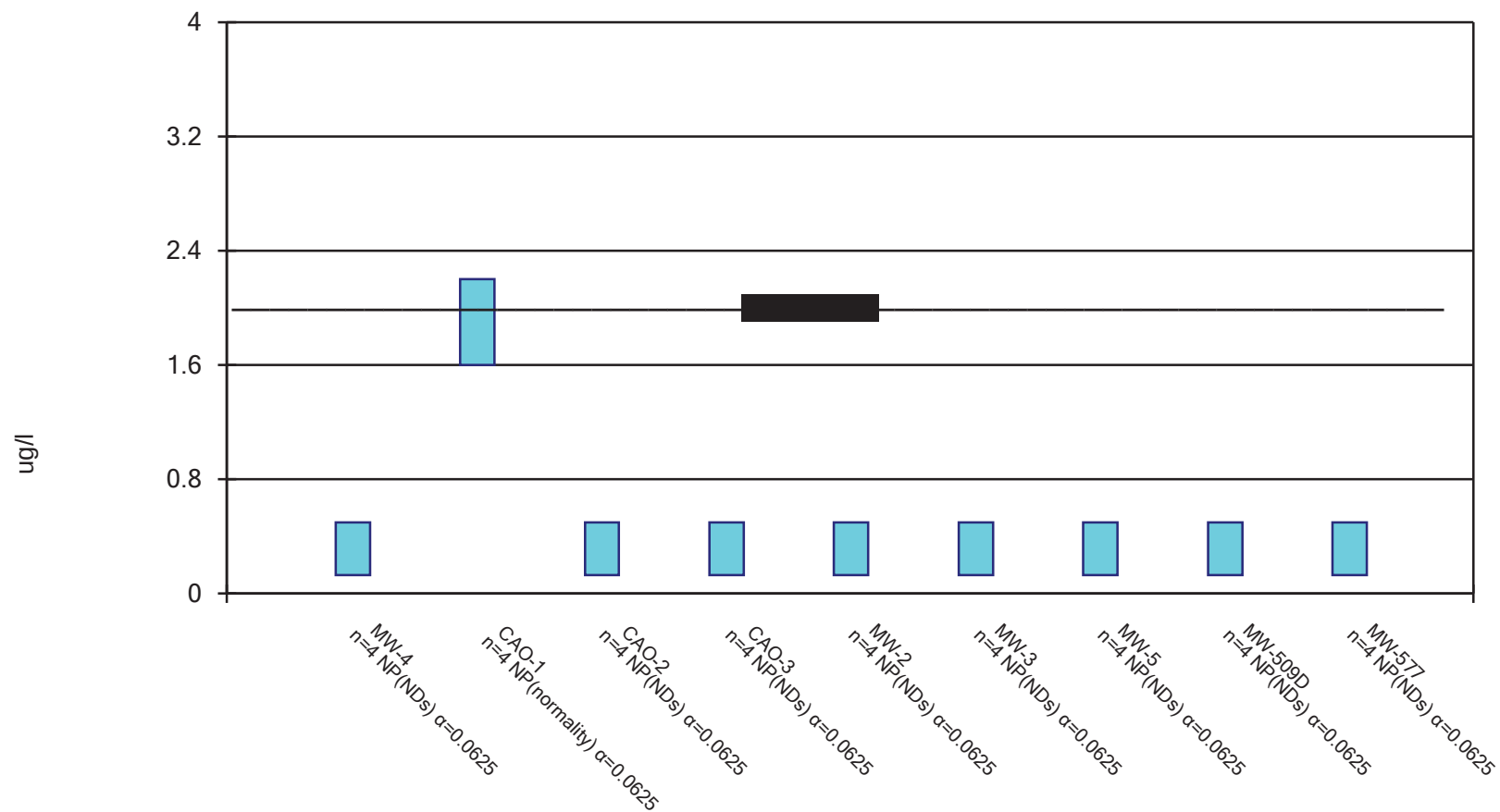


Constituent: Chloroethane Analysis Run 10/23/2015 3:35 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

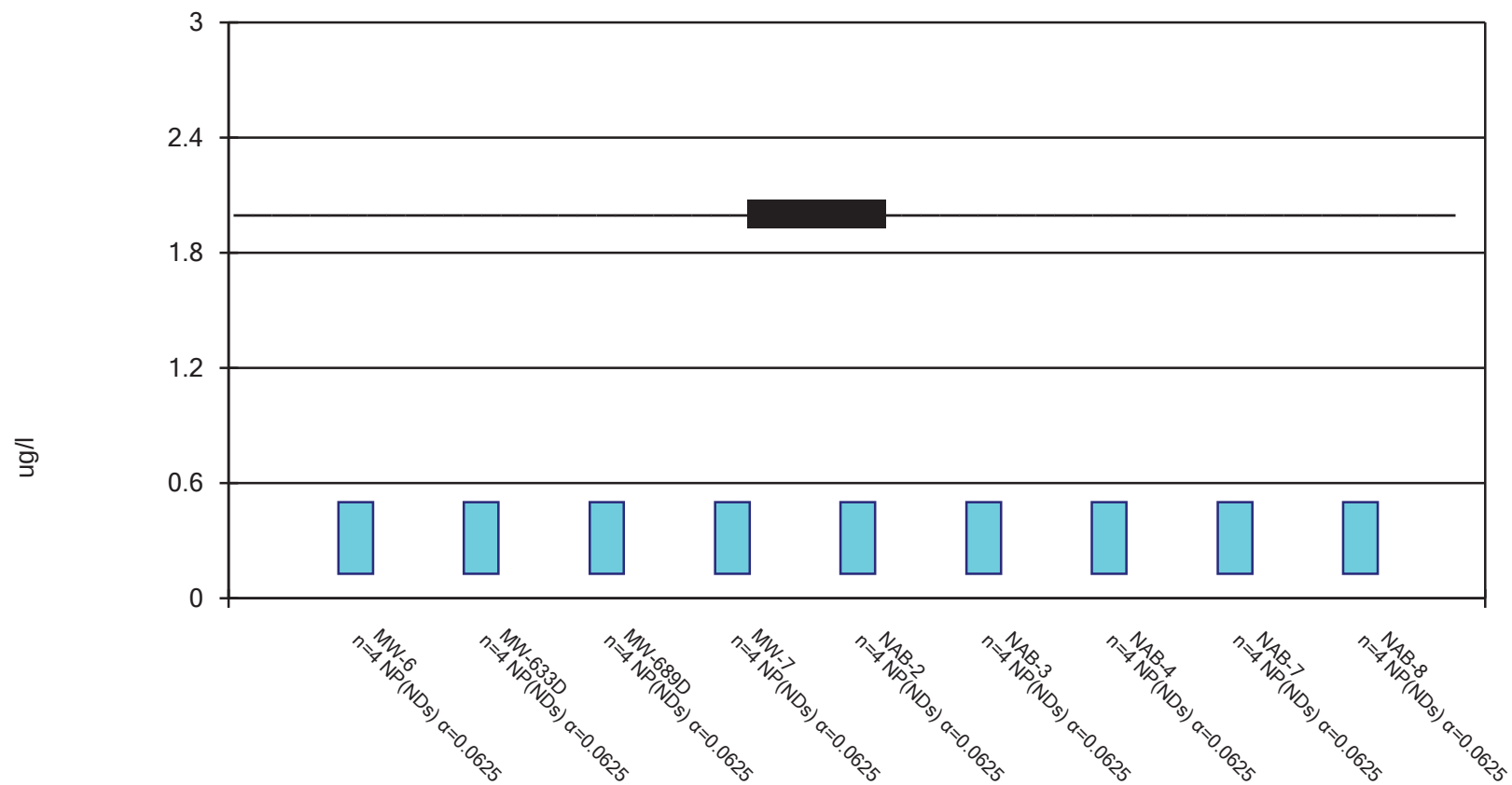


Constituent: Vinyl chloride Analysis Run 10/23/2015 3:51 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

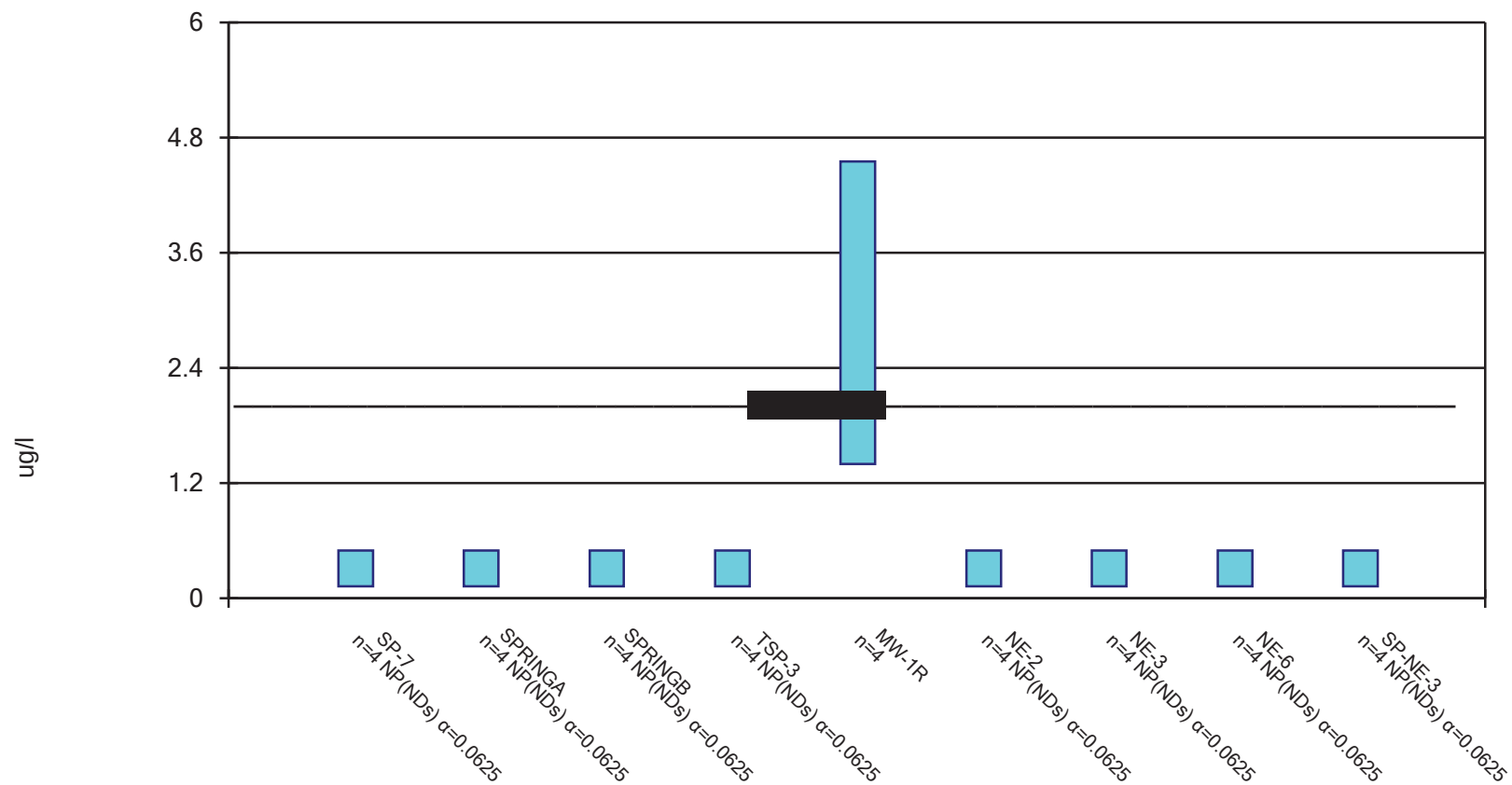


Constituent: Vinyl chloride Analysis Run 10/23/2015 3:52 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

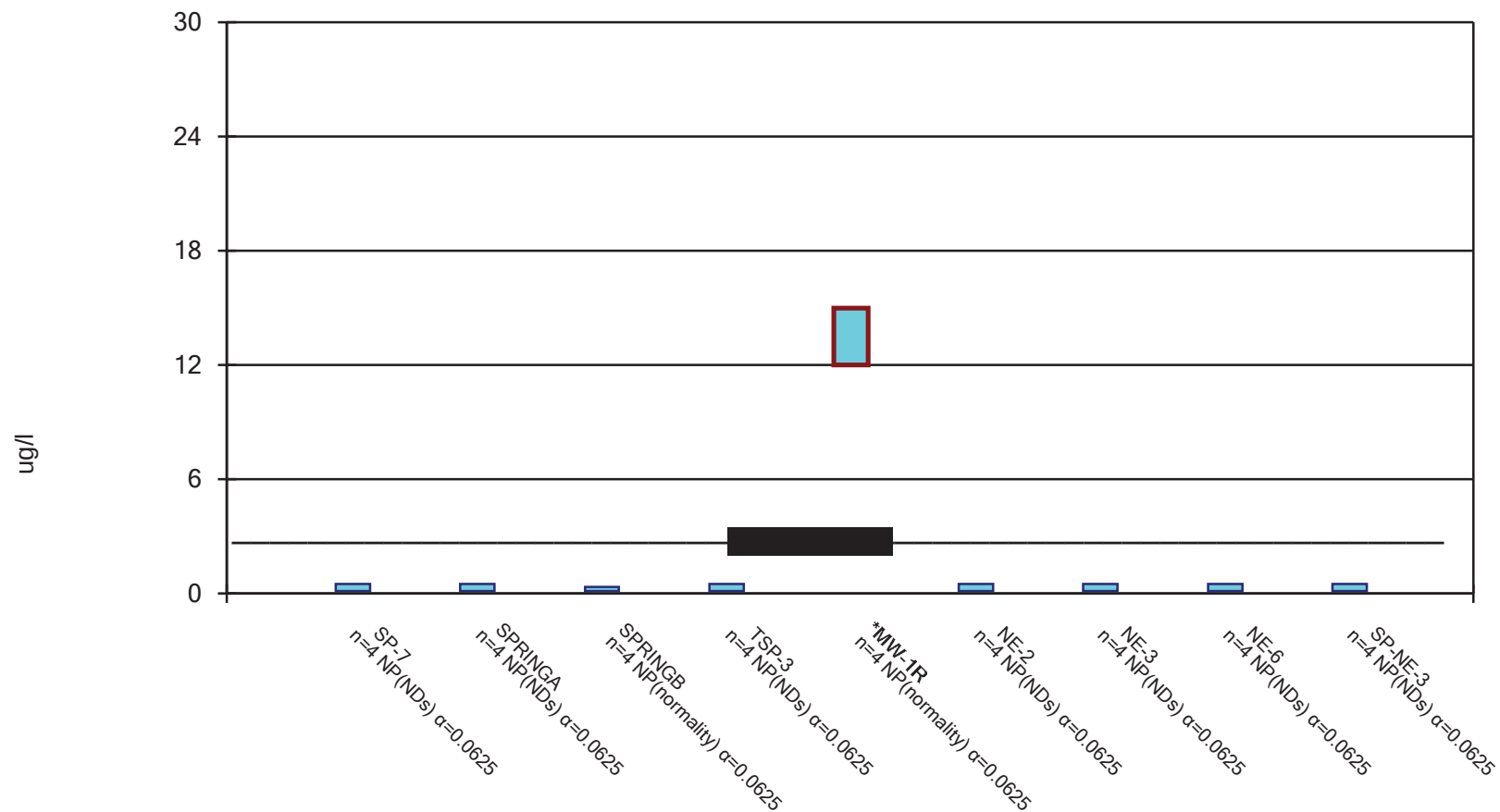


Constituent: Vinyl chloride Analysis Run 10/23/2015 3:52 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

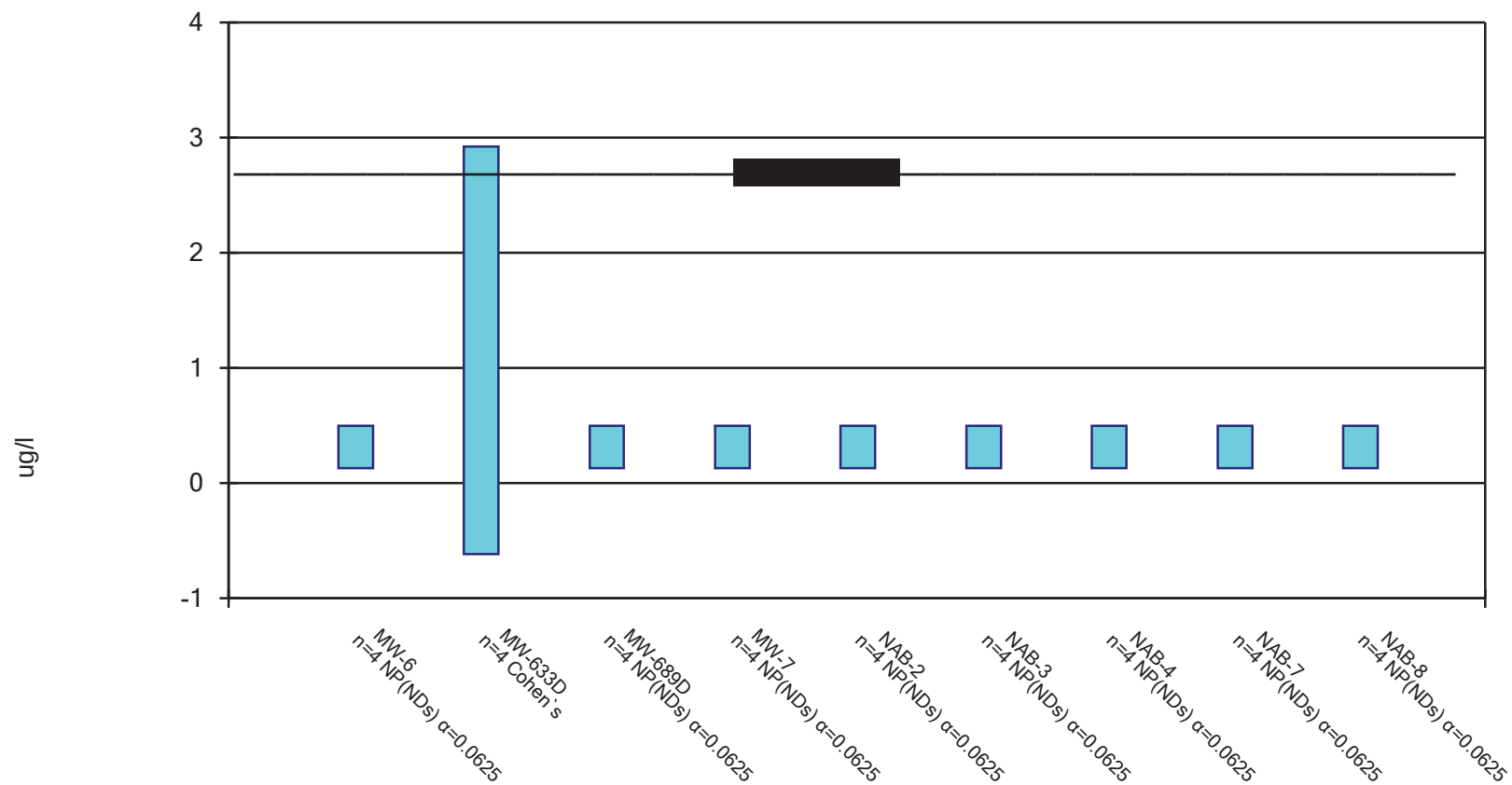
Compliance limit is exceeded.*



Constituent: 1,1-Dichloroethane Analysis Run 10/23/2015 3:53 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

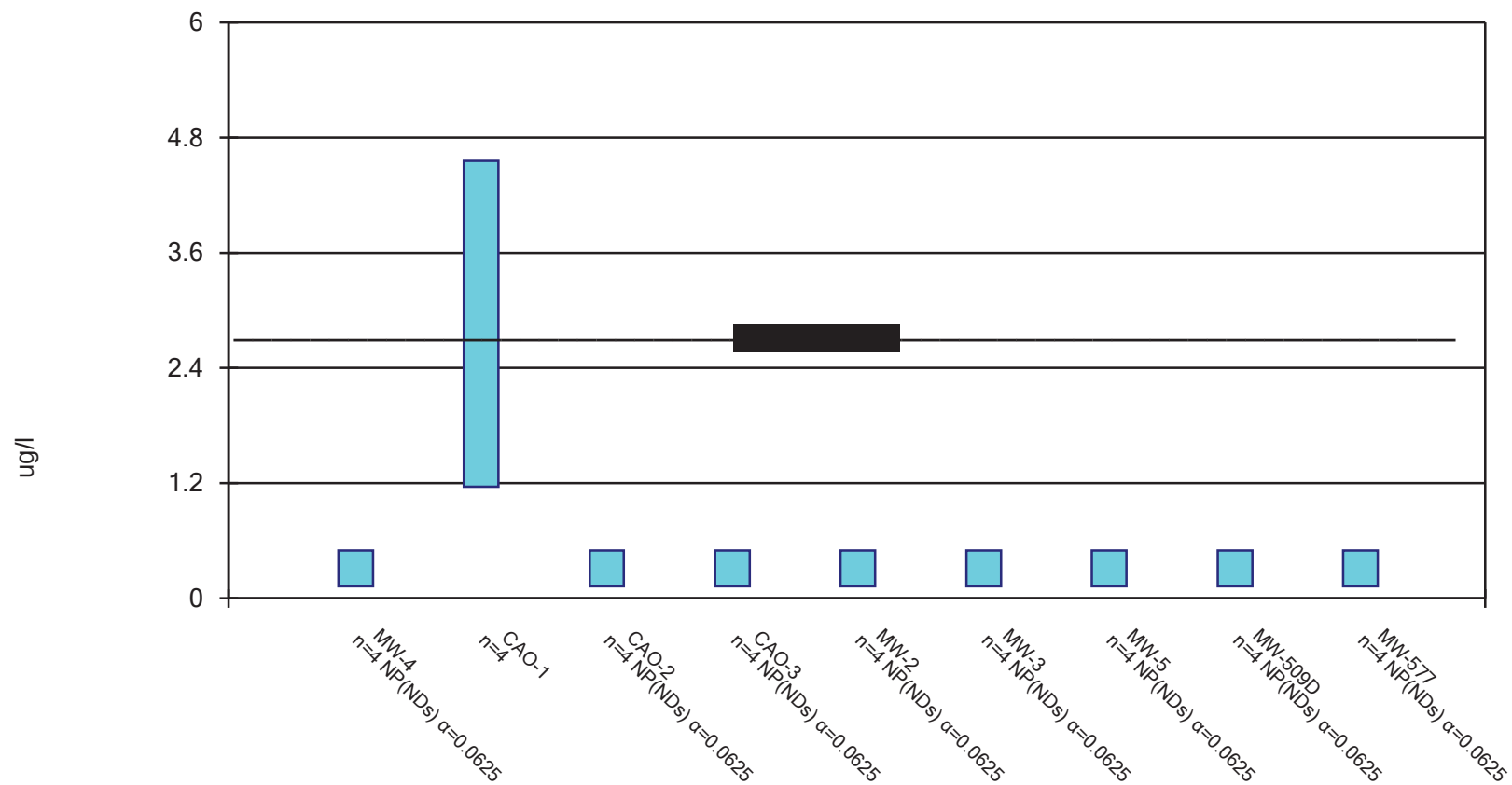


Constituent: 1,1-Dichloroethane Analysis Run 10/23/2015 3:54 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

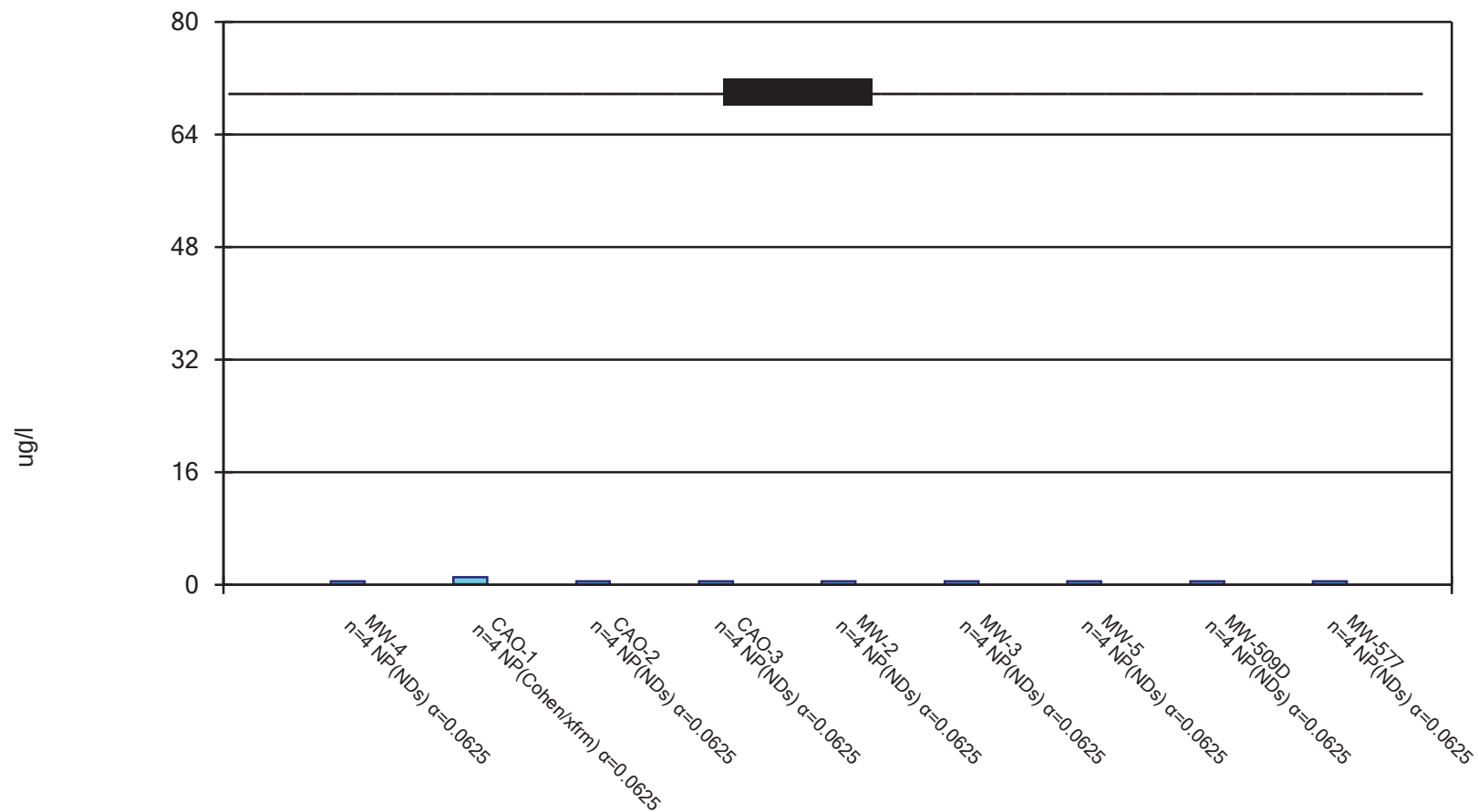


Constituent: 1,1-Dichloroethane Analysis Run 10/23/2015 3:55 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

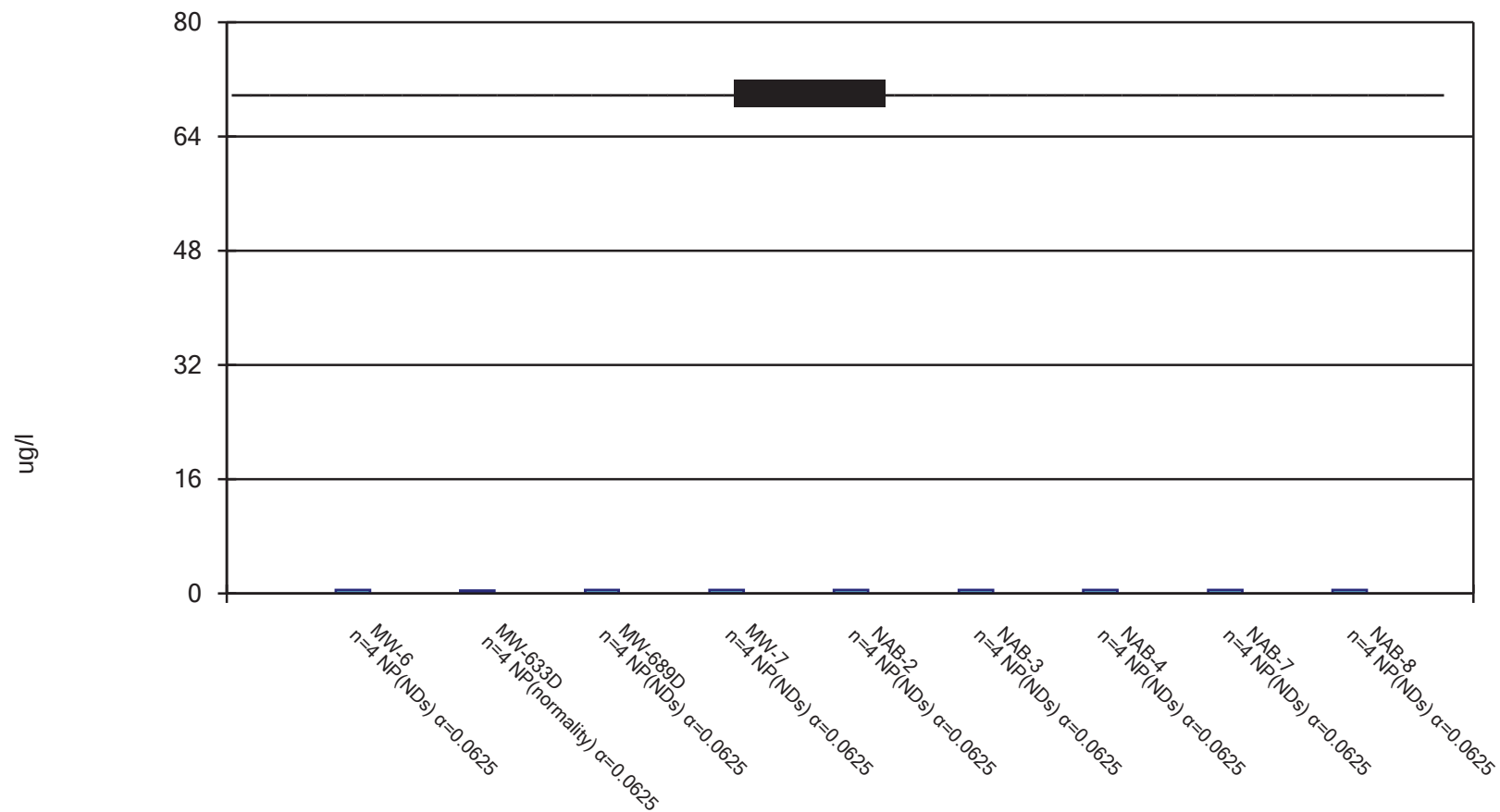
Compliance Limit is not exceeded.



Constituent: cis-1,2-Dichloroethene Analysis Run 10/23/2015 3:57 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

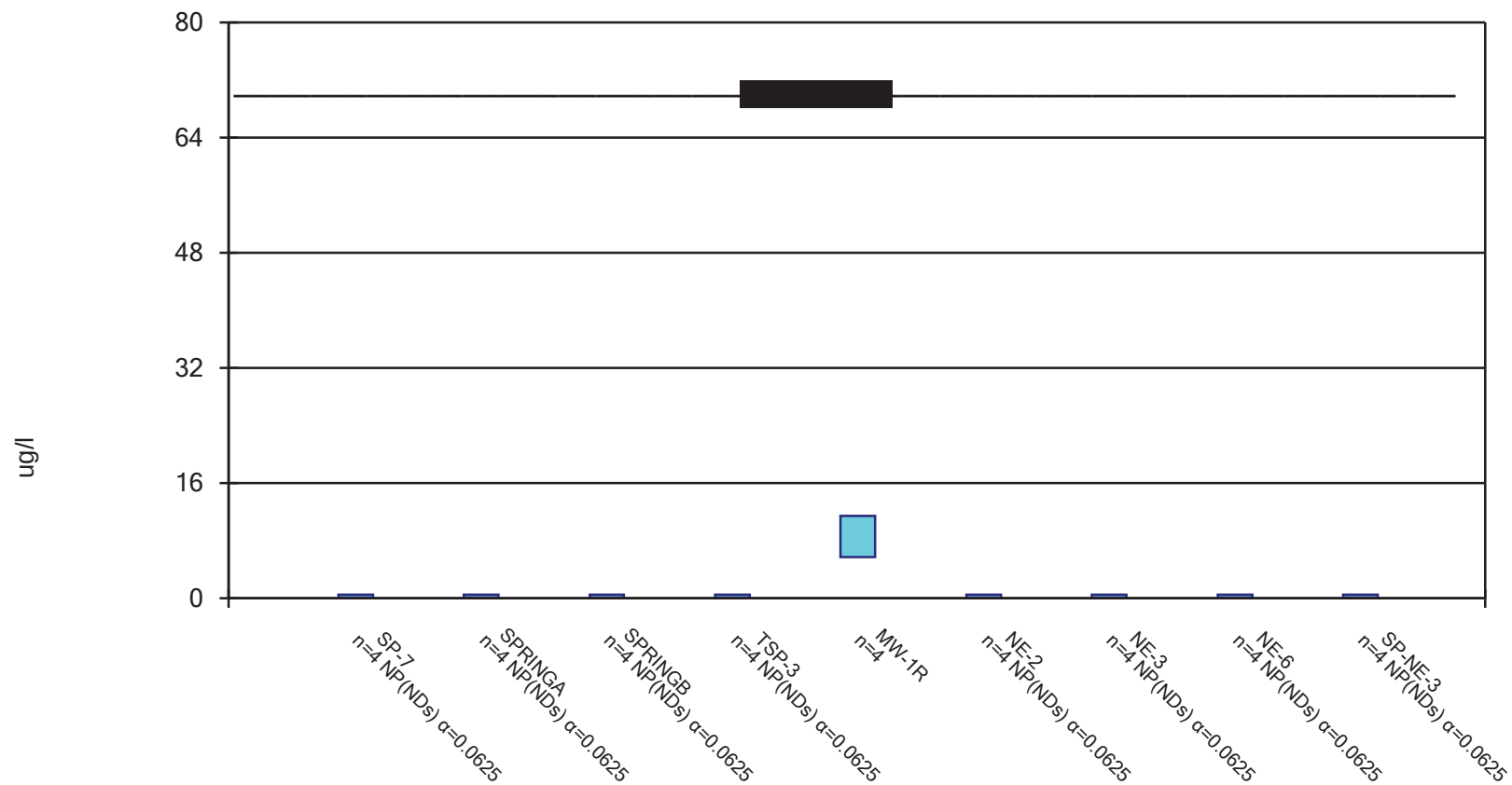
Compliance Limit is not exceeded.



Constituent: cis-1,2-Dichloroethene Analysis Run 10/23/2015 4:01 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

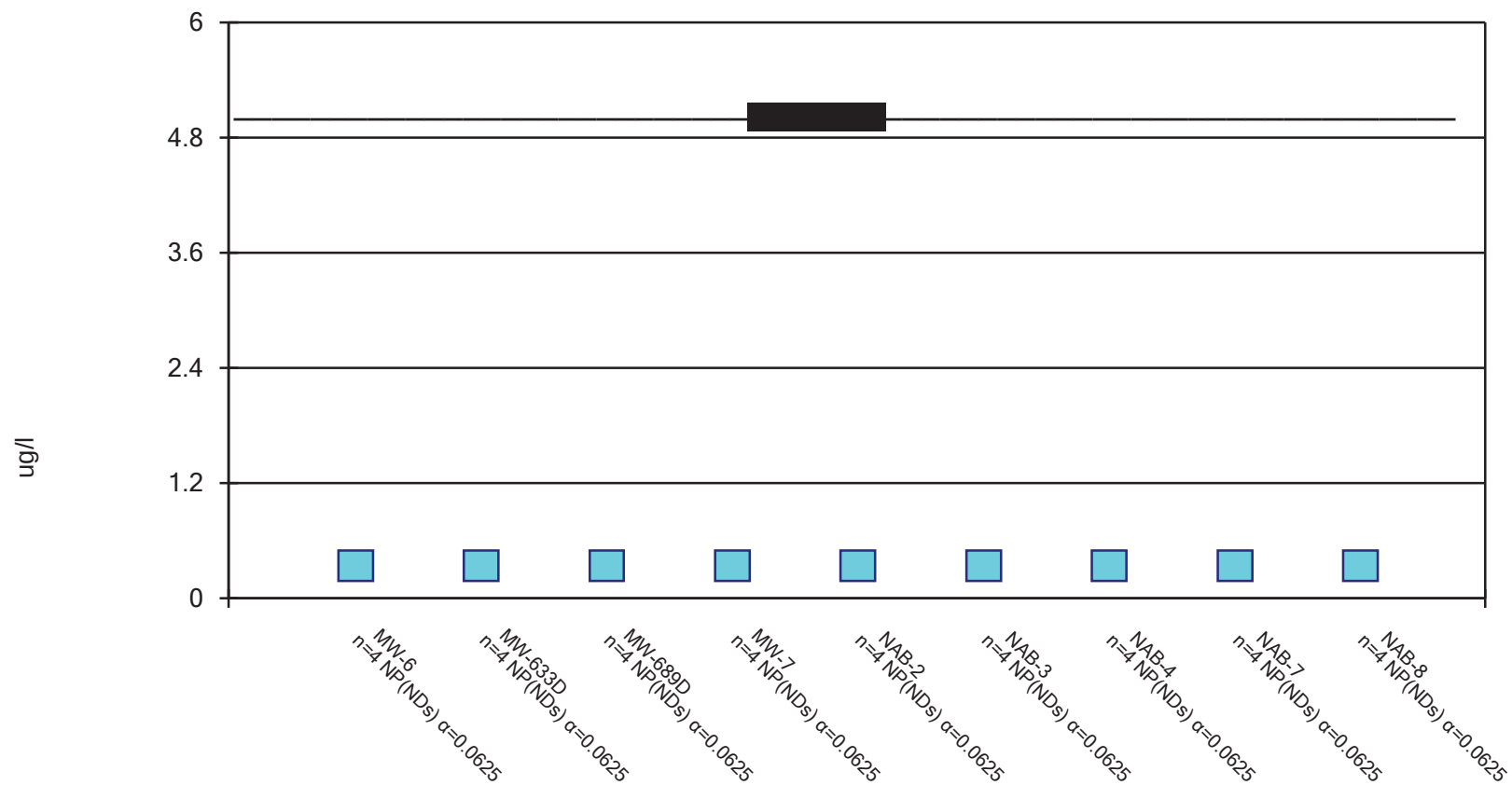


Constituent: cis-1,2-Dichloroethene Analysis Run 10/23/2015 4:01 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

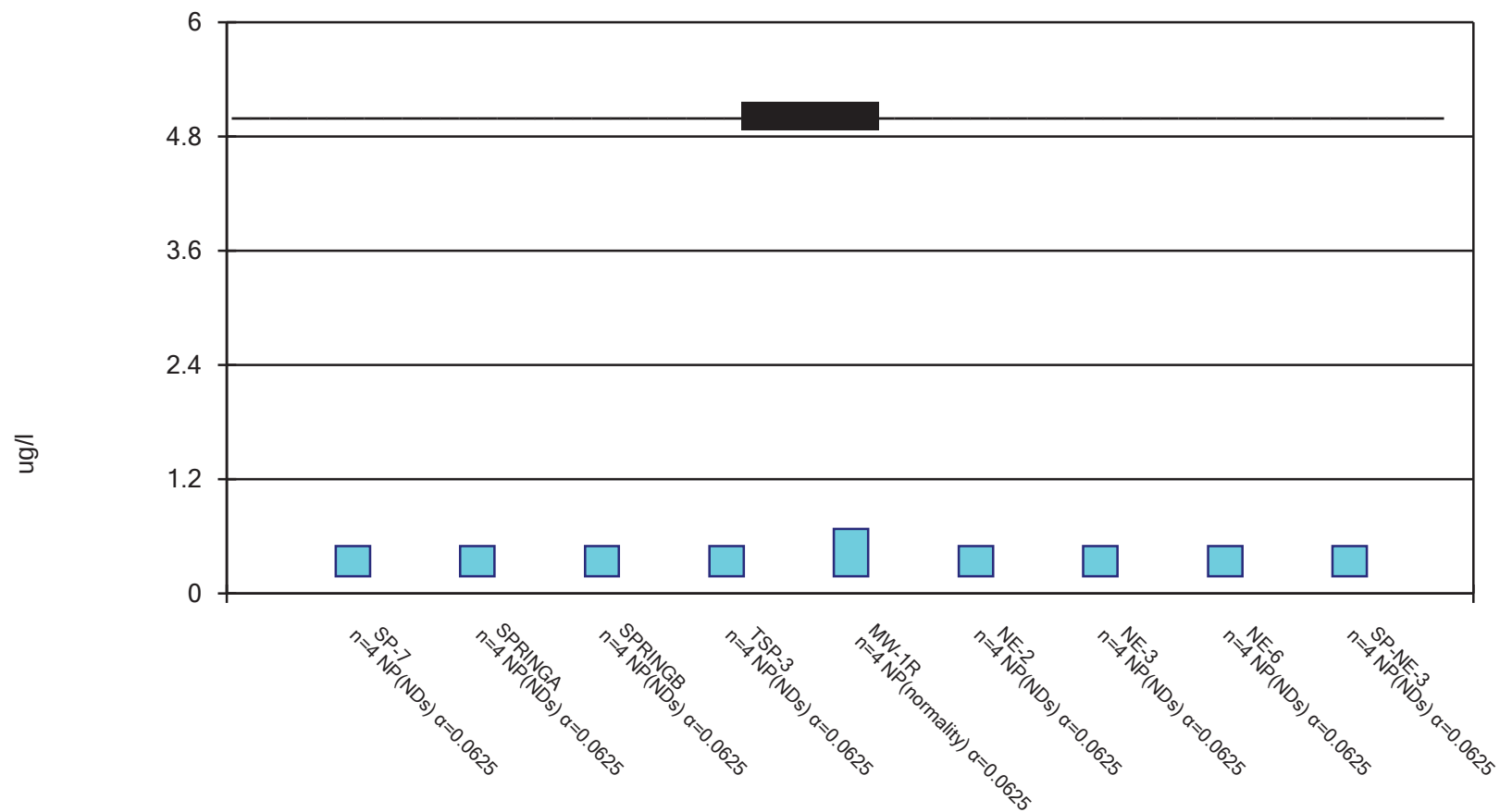
Compliance Limit is not exceeded.



Constituent: Tetrachloroethene Analysis Run 10/23/2015 4:03 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

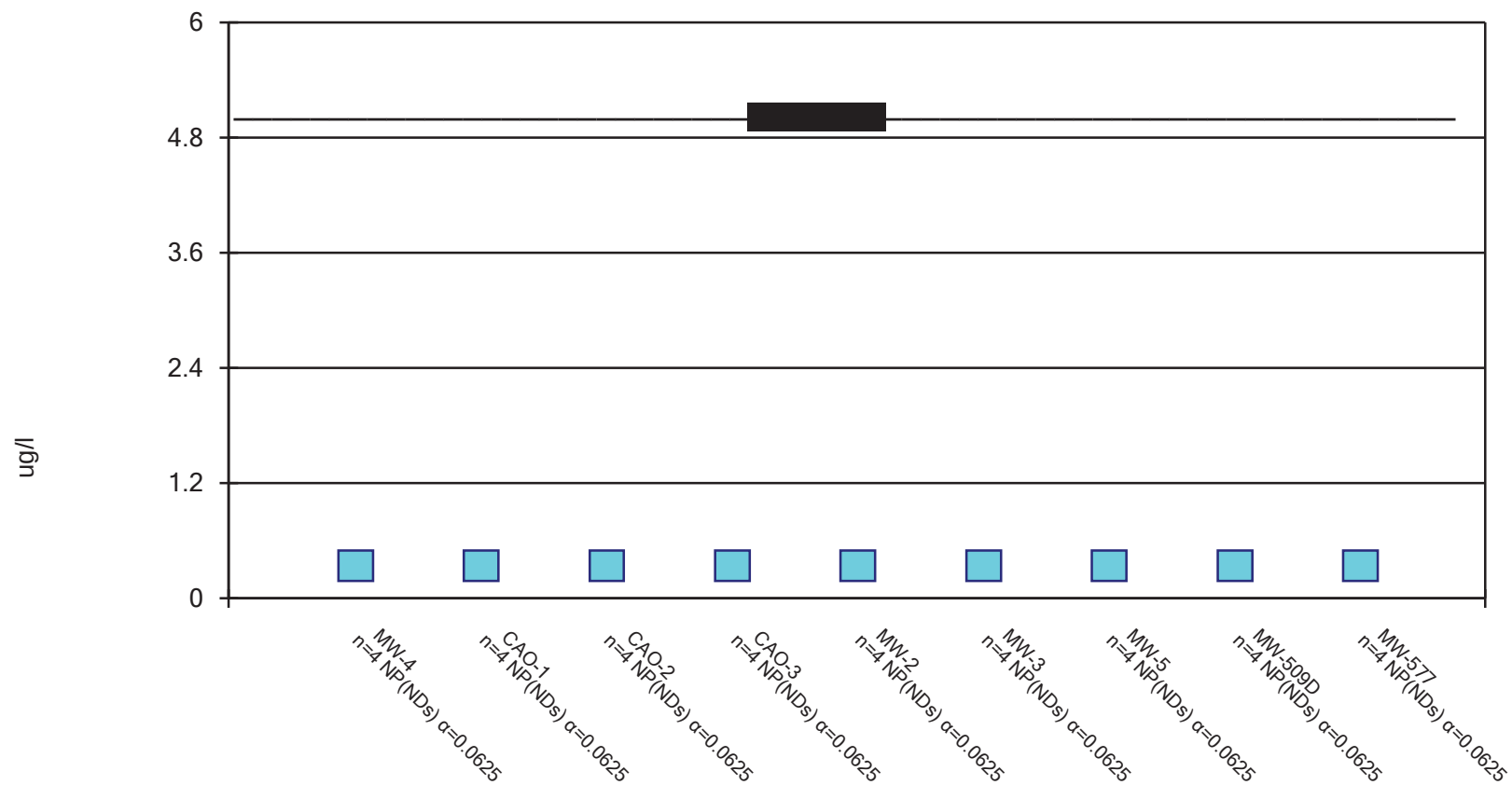
Compliance Limit is not exceeded.



Constituent: Tetrachloroethene Analysis Run 10/23/2015 4:04 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

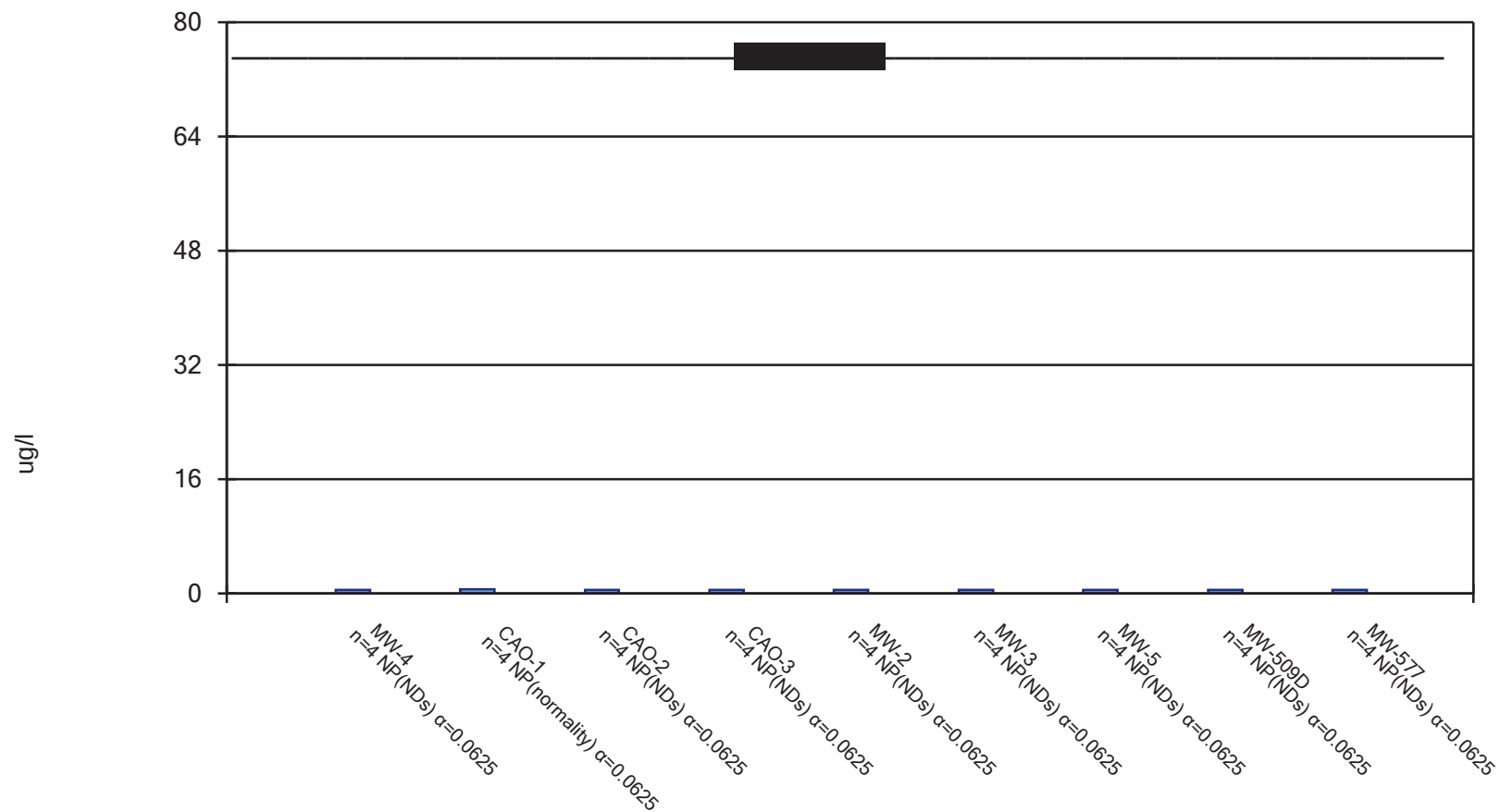
Compliance Limit is not exceeded.



Constituent: Tetrachloroethene Analysis Run 10/23/2015 4:05 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

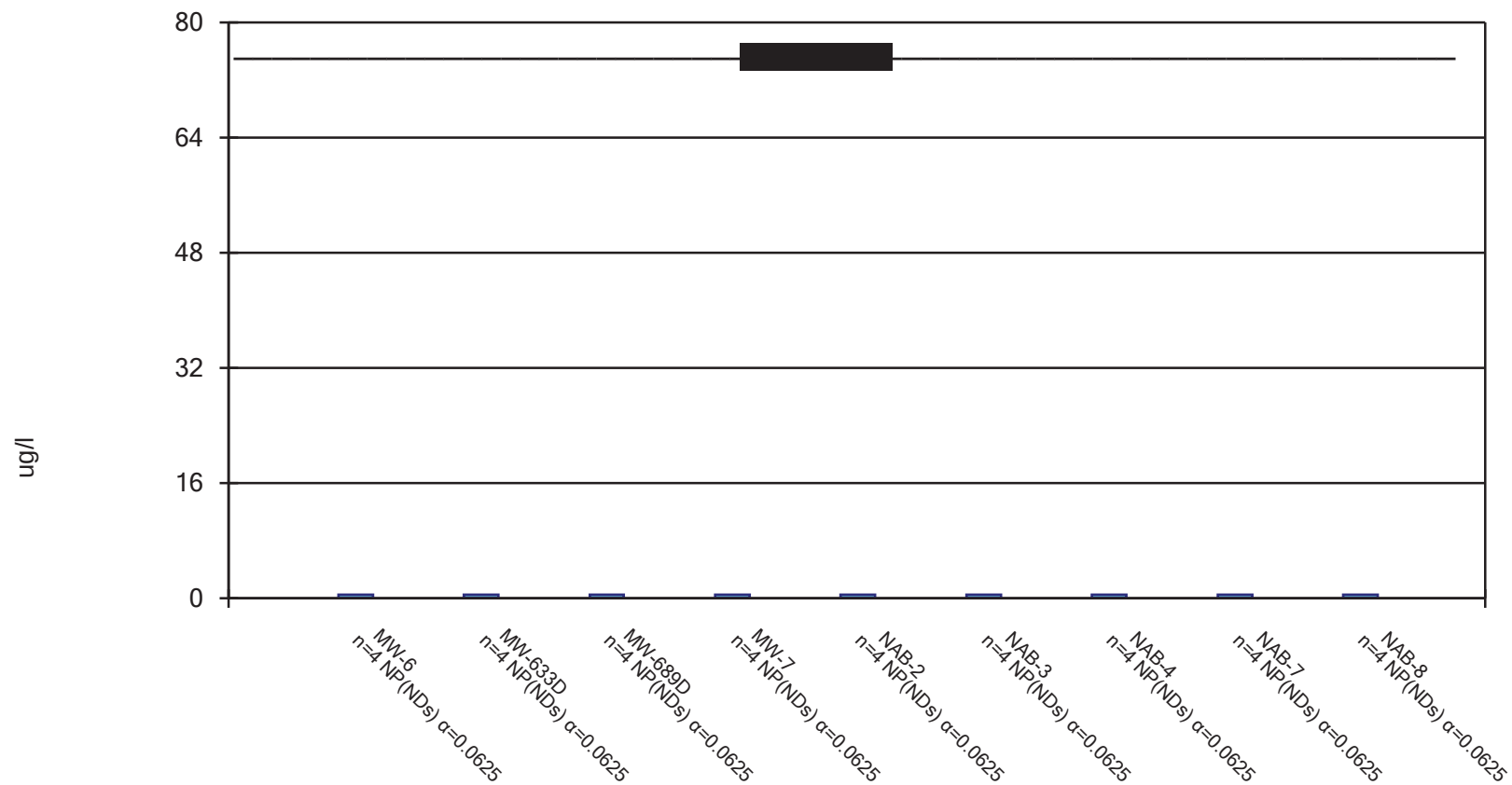
Compliance Limit is not exceeded.



Constituent: 1,4-Dichlorobenzene Analysis Run 10/23/2015 4:07 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

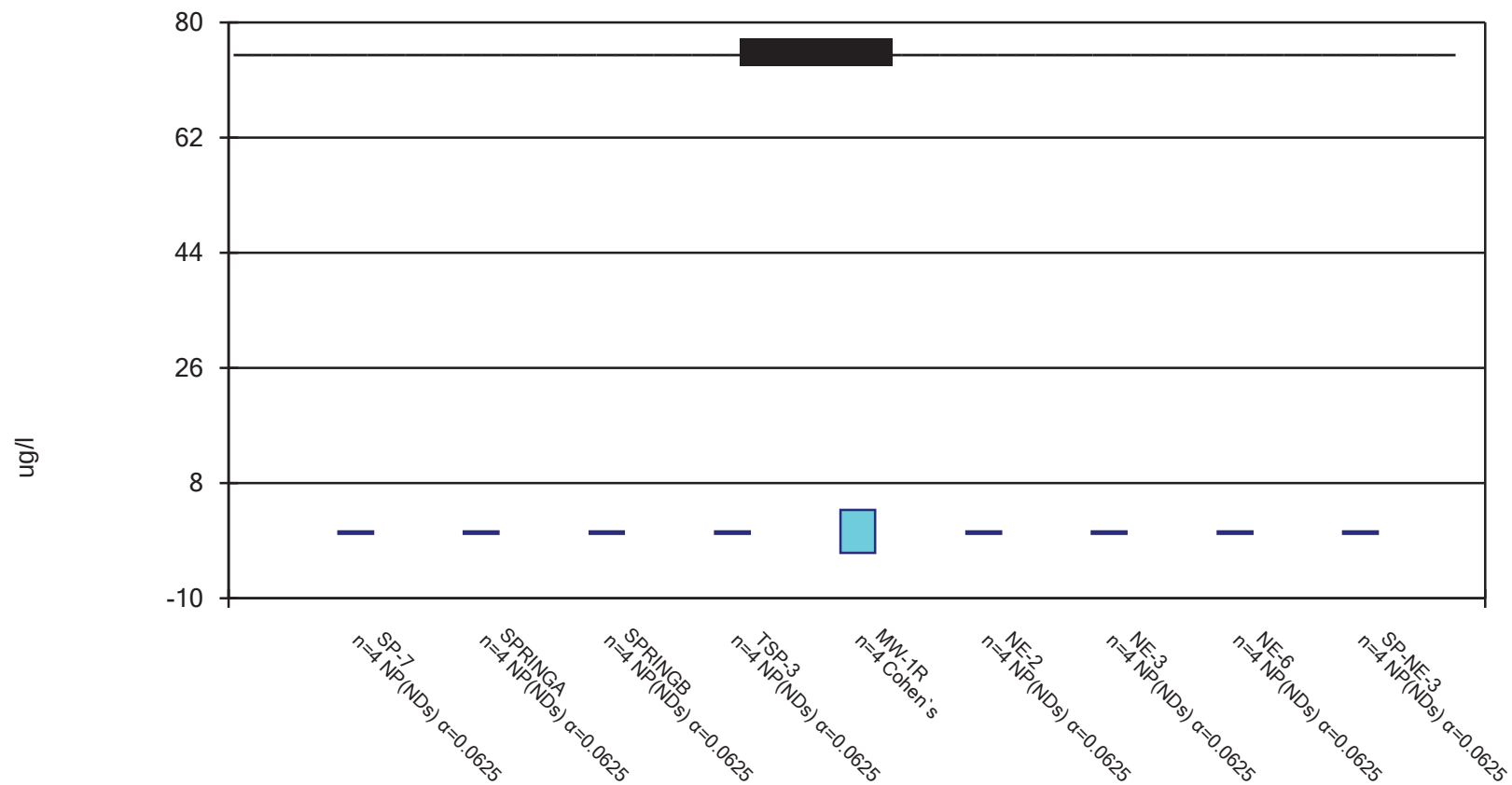
Compliance Limit is not exceeded.



Constituent: 1,4-Dichlorobenzene Analysis Run 10/23/2015 4:08 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

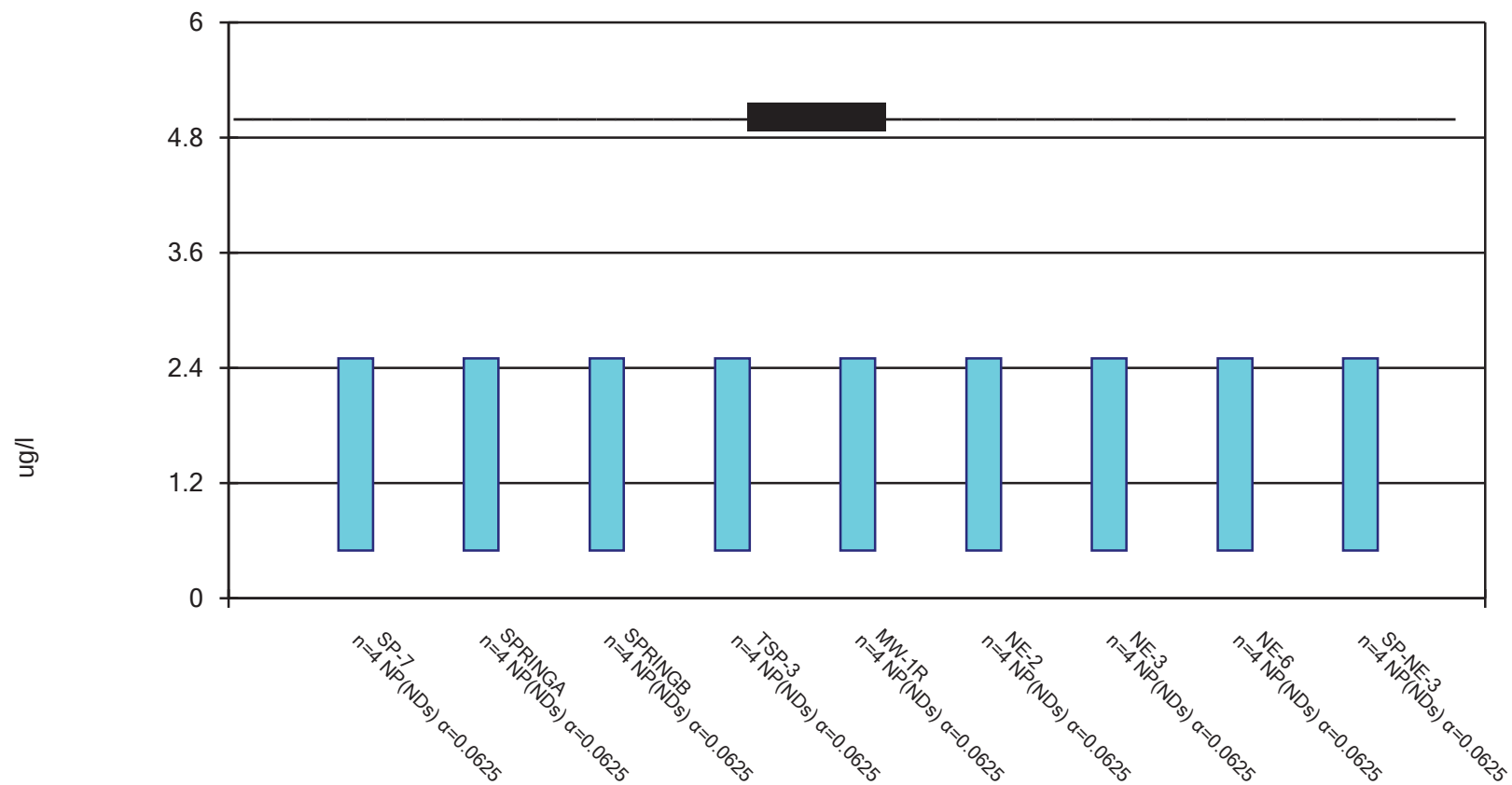


Constituent: 1,4-Dichlorobenzene Analysis Run 10/23/2015 4:09 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

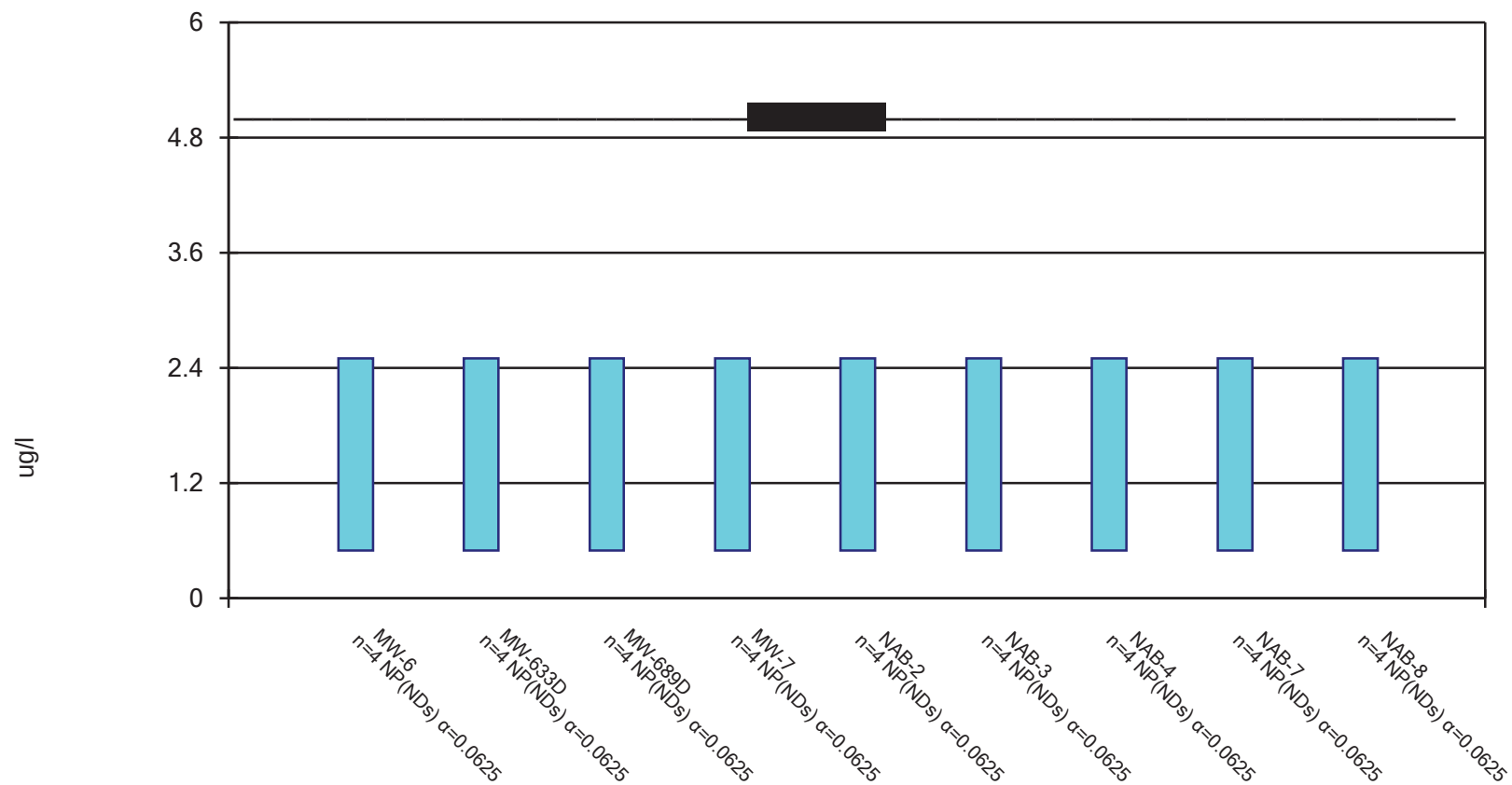
Compliance Limit is not exceeded.



Constituent: Methylene Chloride Analysis Run 10/23/2015 4:10 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

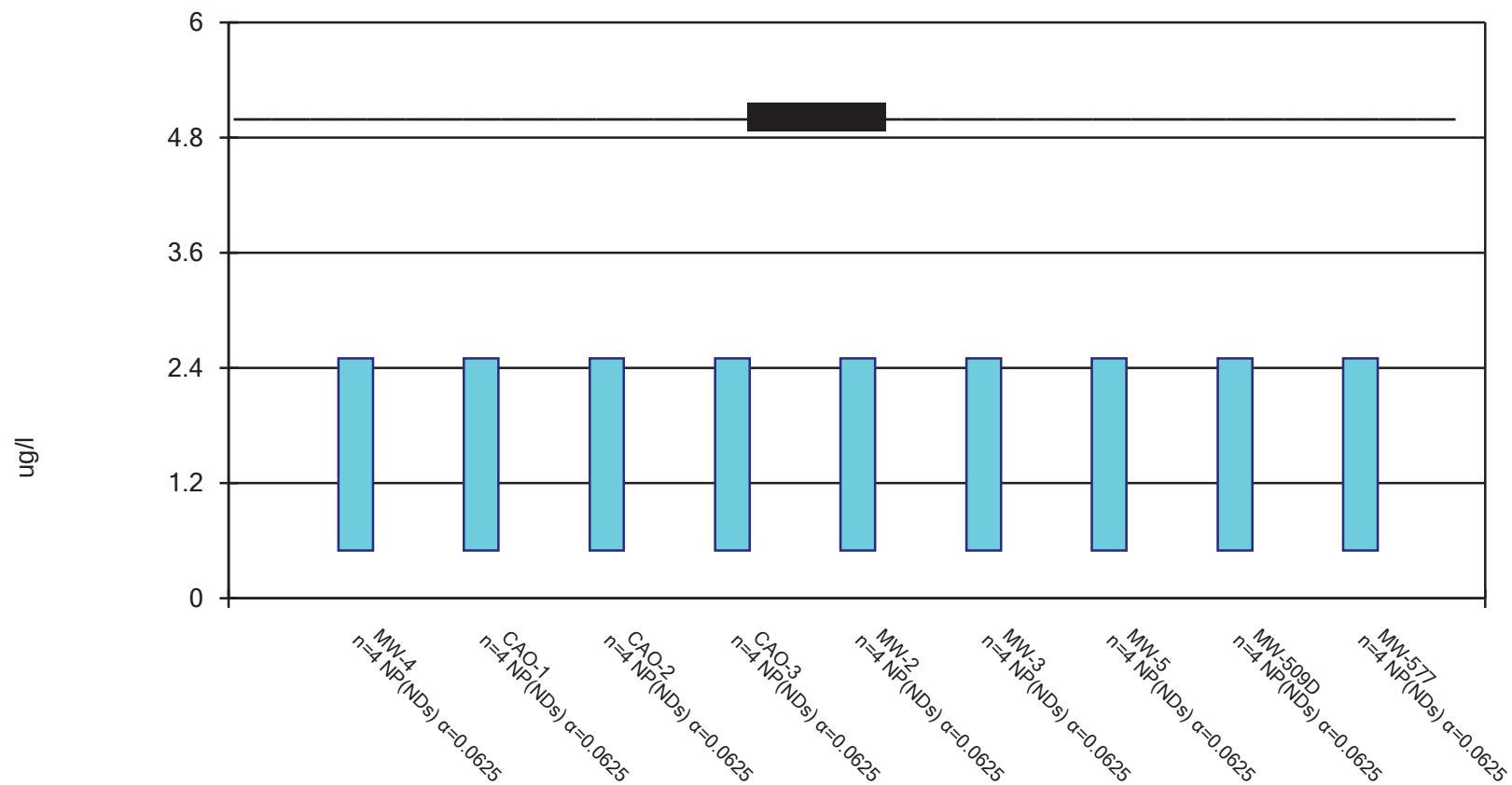
Compliance Limit is not exceeded.



Constituent: Methylene Chloride Analysis Run 10/23/2015 4:11 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

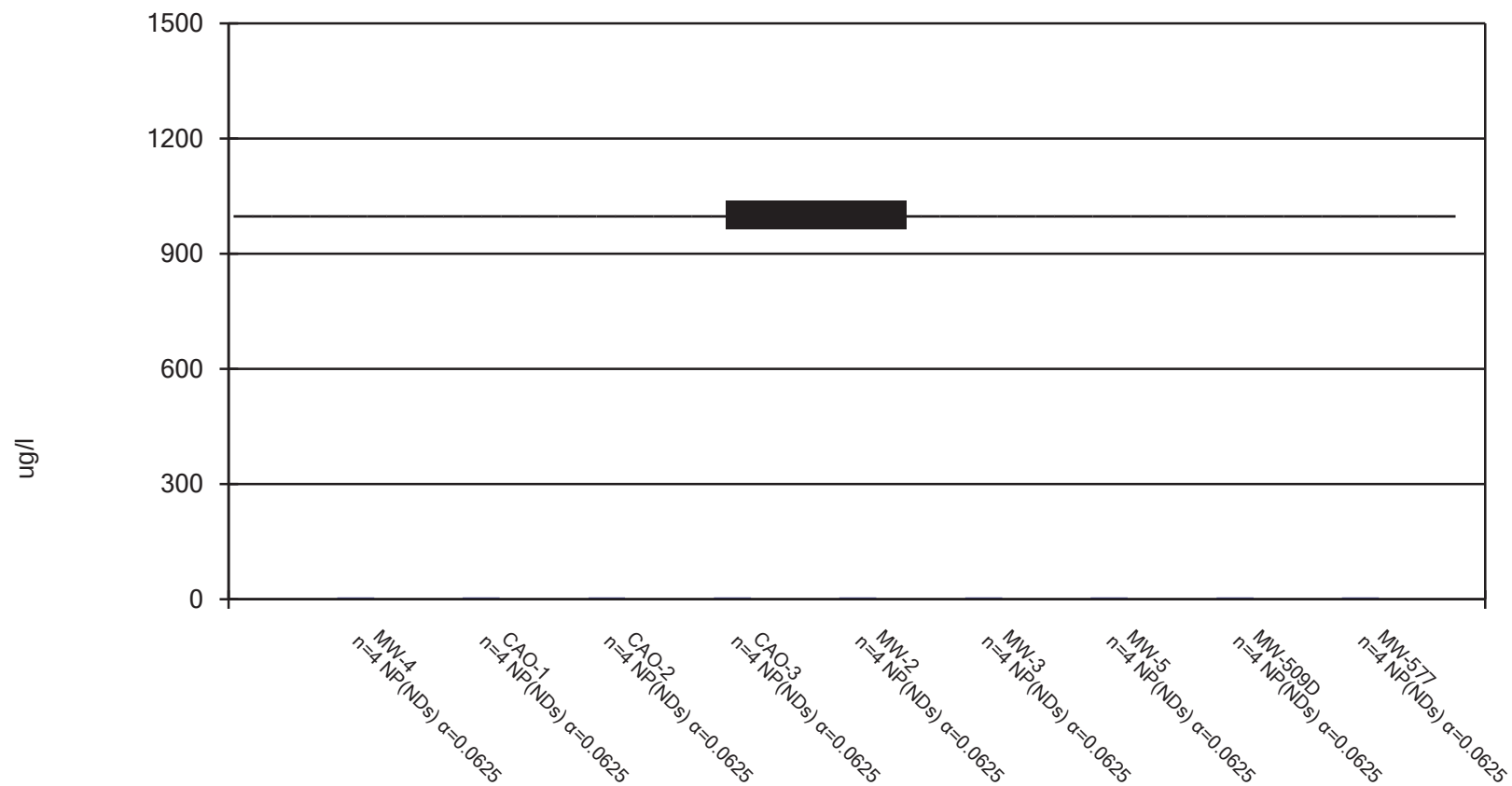
Compliance Limit is not exceeded.



Constituent: Methylene Chloride Analysis Run 10/23/2015 4:11 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

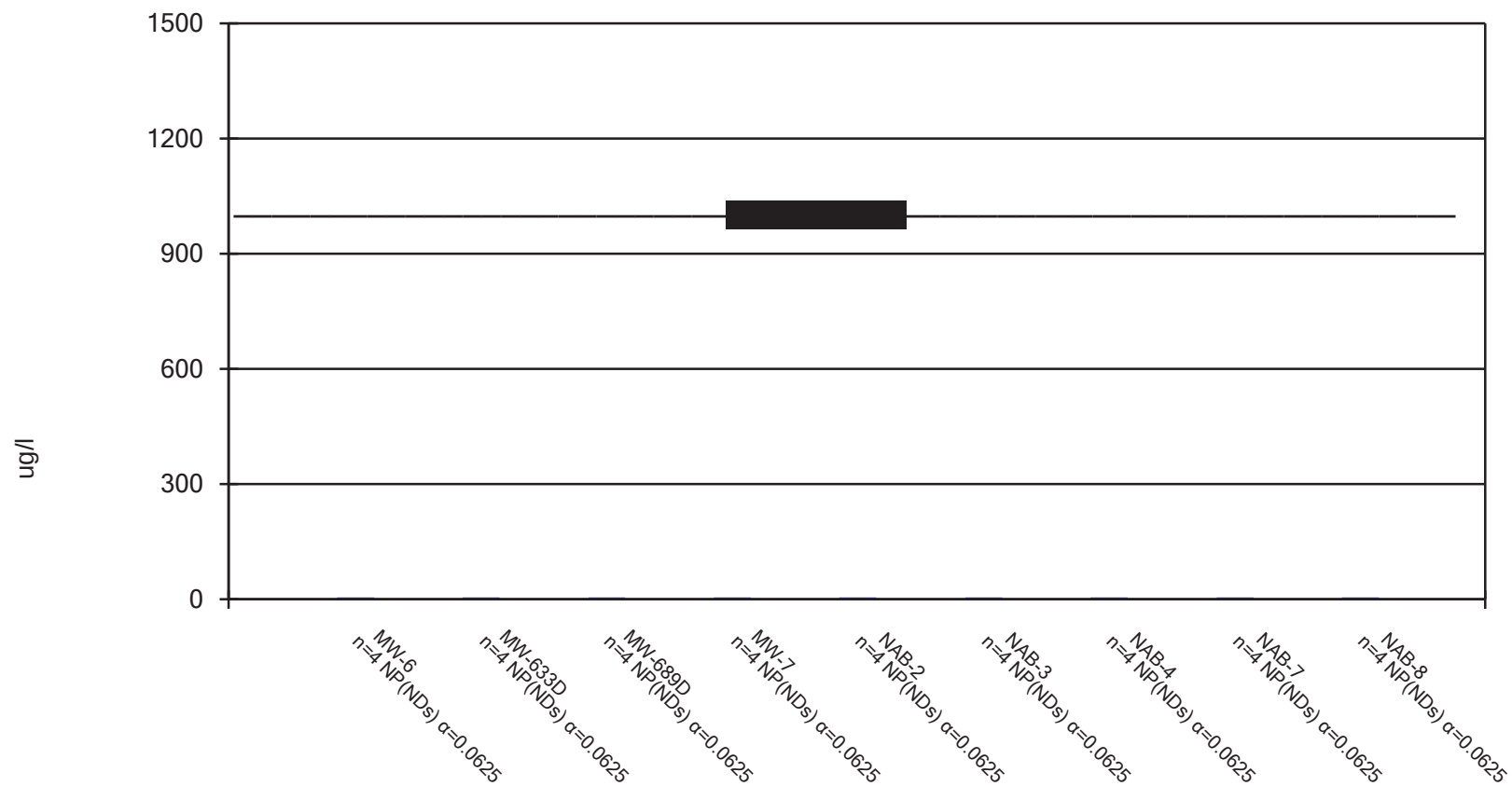


Constituent: Toluene Analysis Run 10/23/2015 4:13 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

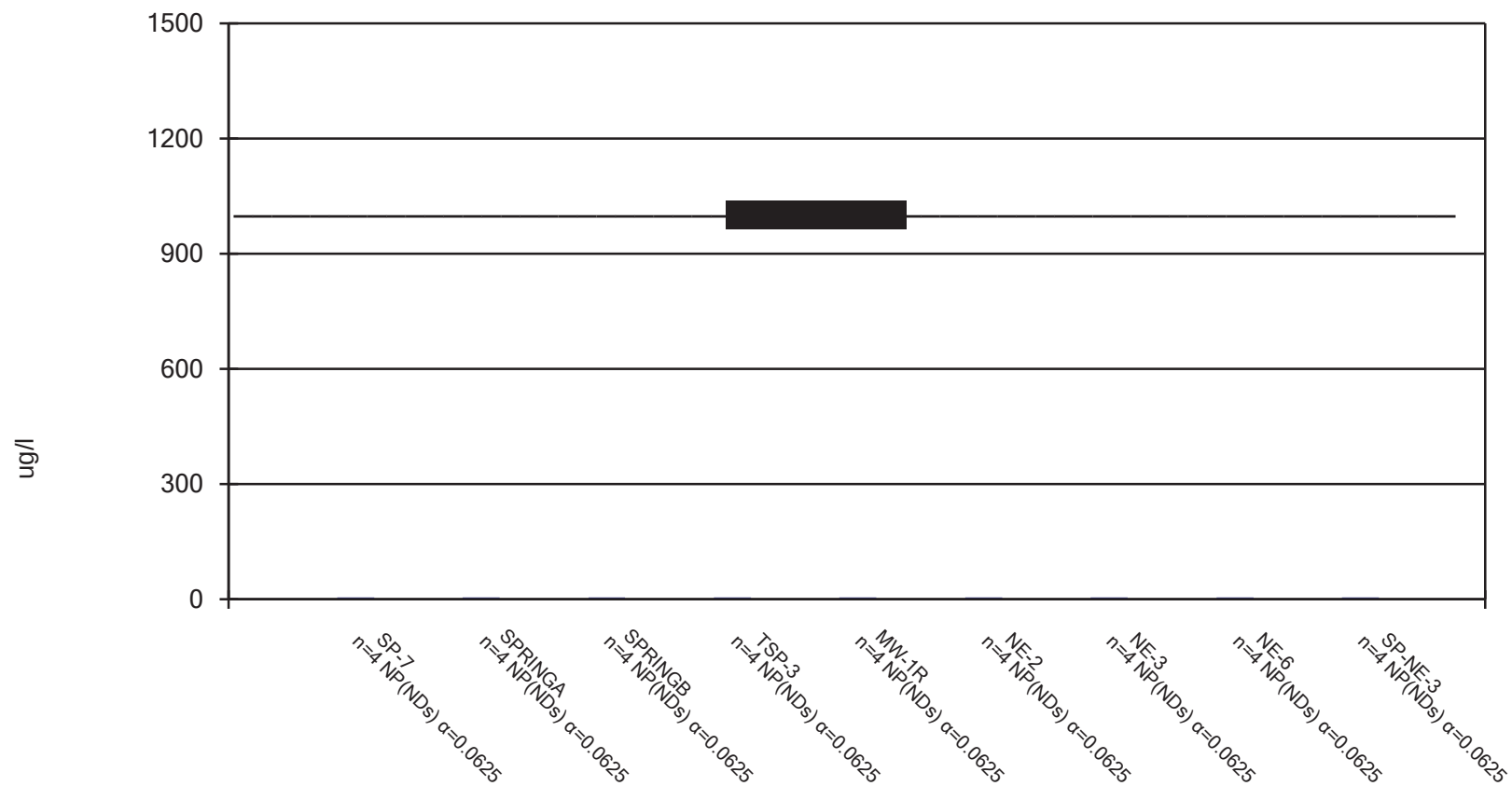


Constituent: Toluene Analysis Run 10/23/2015 4:14 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

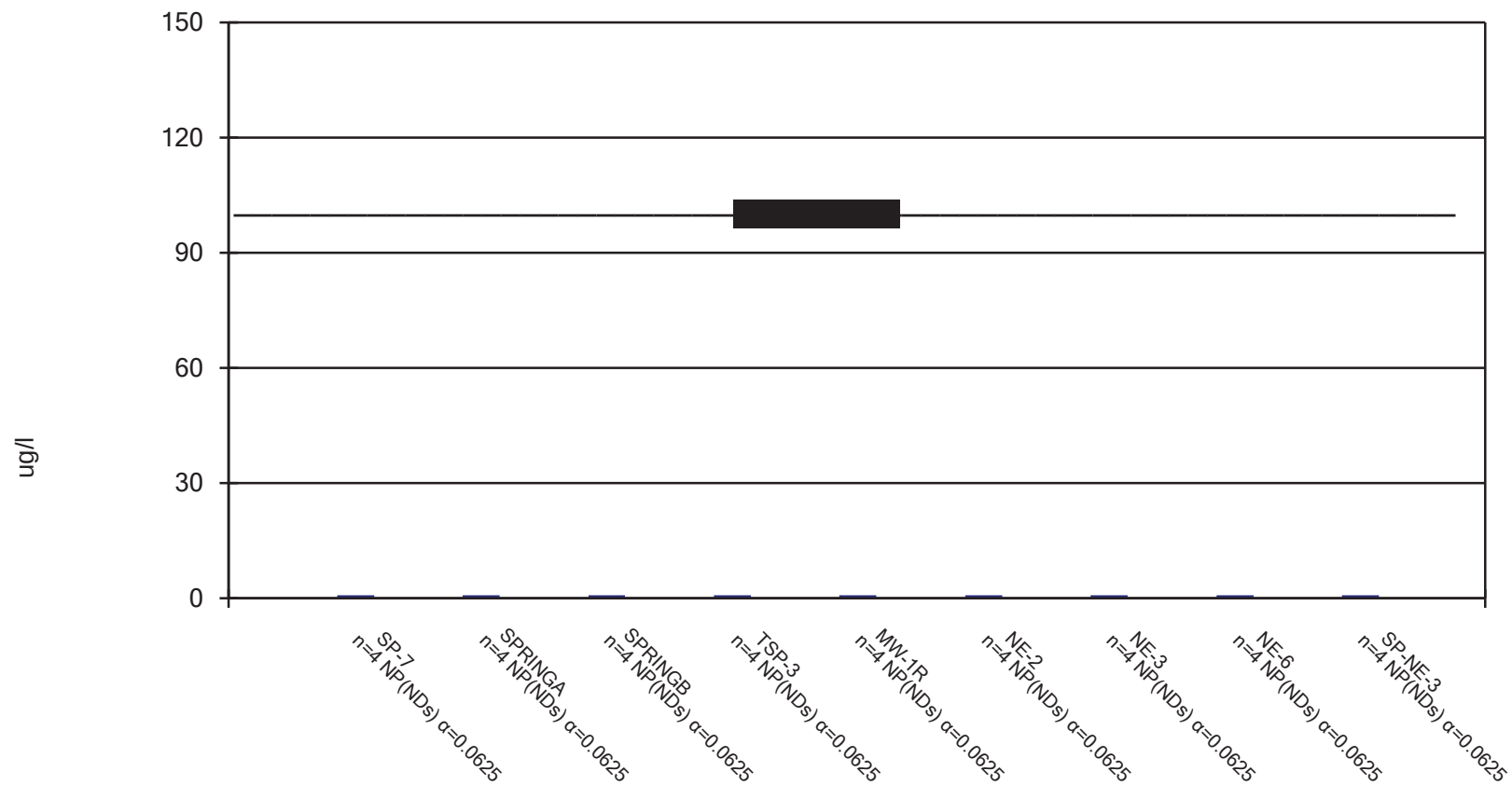


Constituent: Toluene Analysis Run 10/23/2015 4:14 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

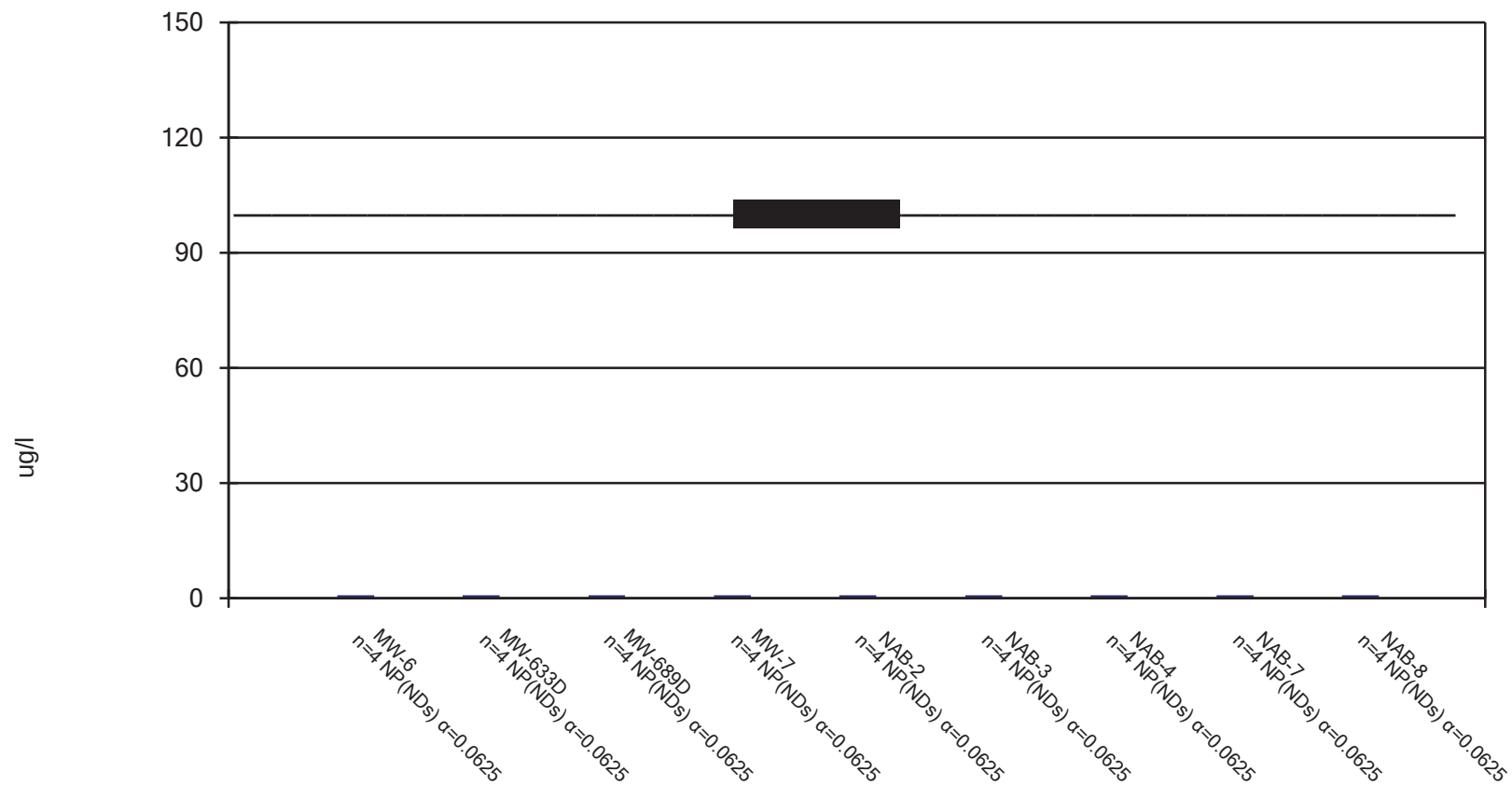
Compliance Limit is not exceeded.



Constituent: trans-1,2-Dichloroethene Analysis Run 10/23/2015 4:15 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

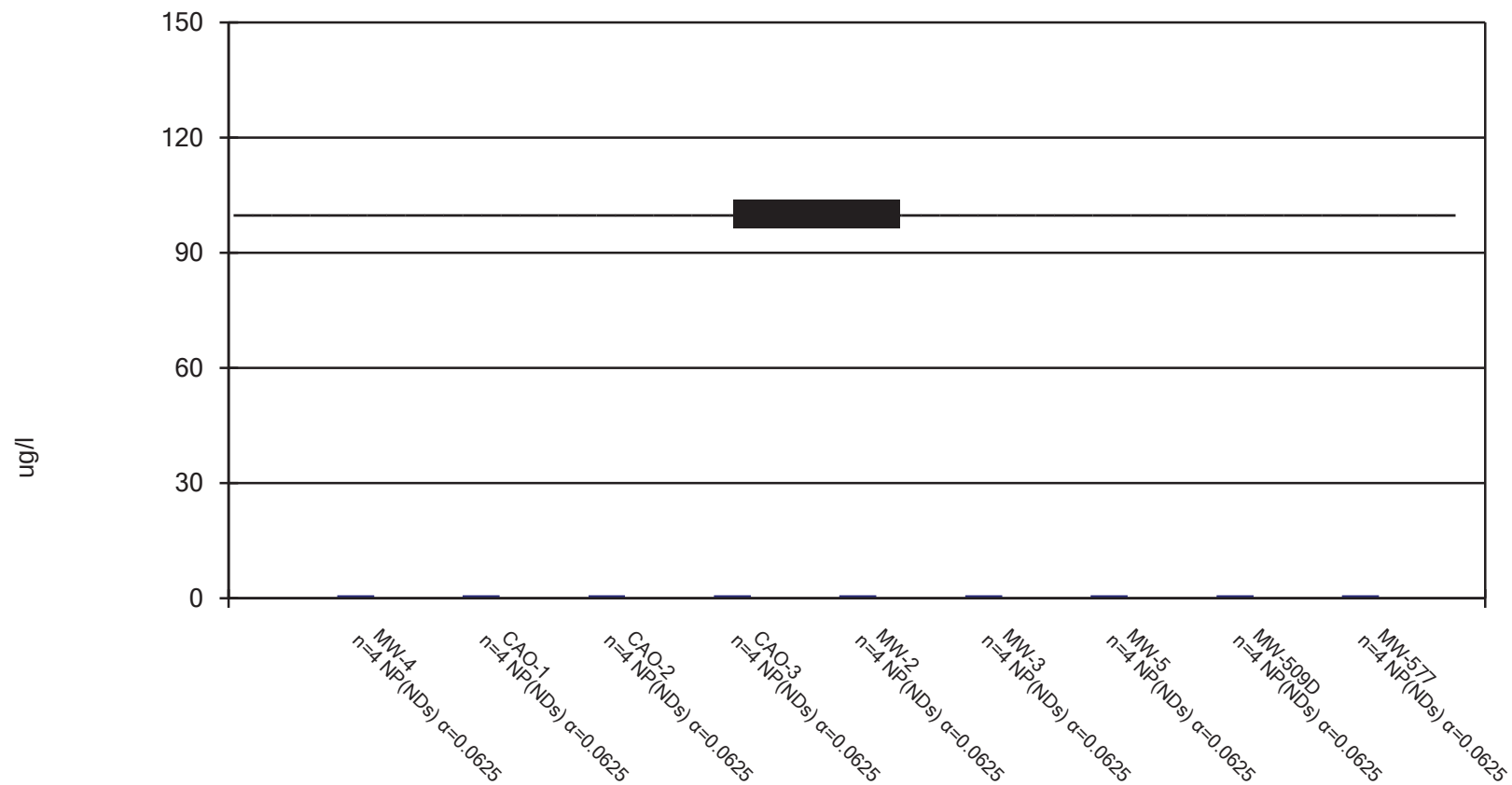
Compliance Limit is not exceeded.



Constituent: trans-1,2-Dichloroethene Analysis Run 10/23/2015 4:16 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

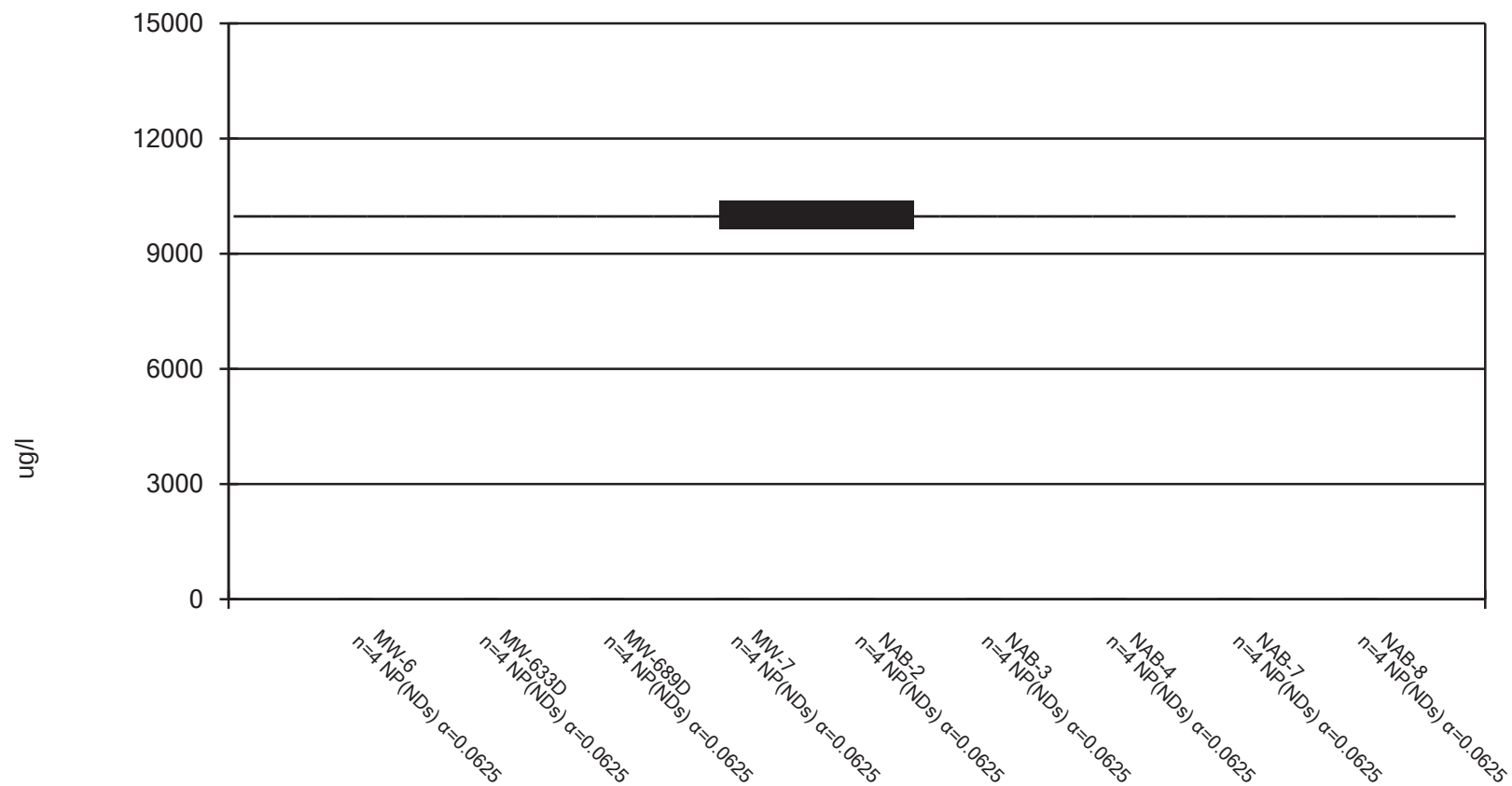
Compliance Limit is not exceeded.



Constituent: trans-1,2-Dichloroethene Analysis Run 10/23/2015 4:16 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

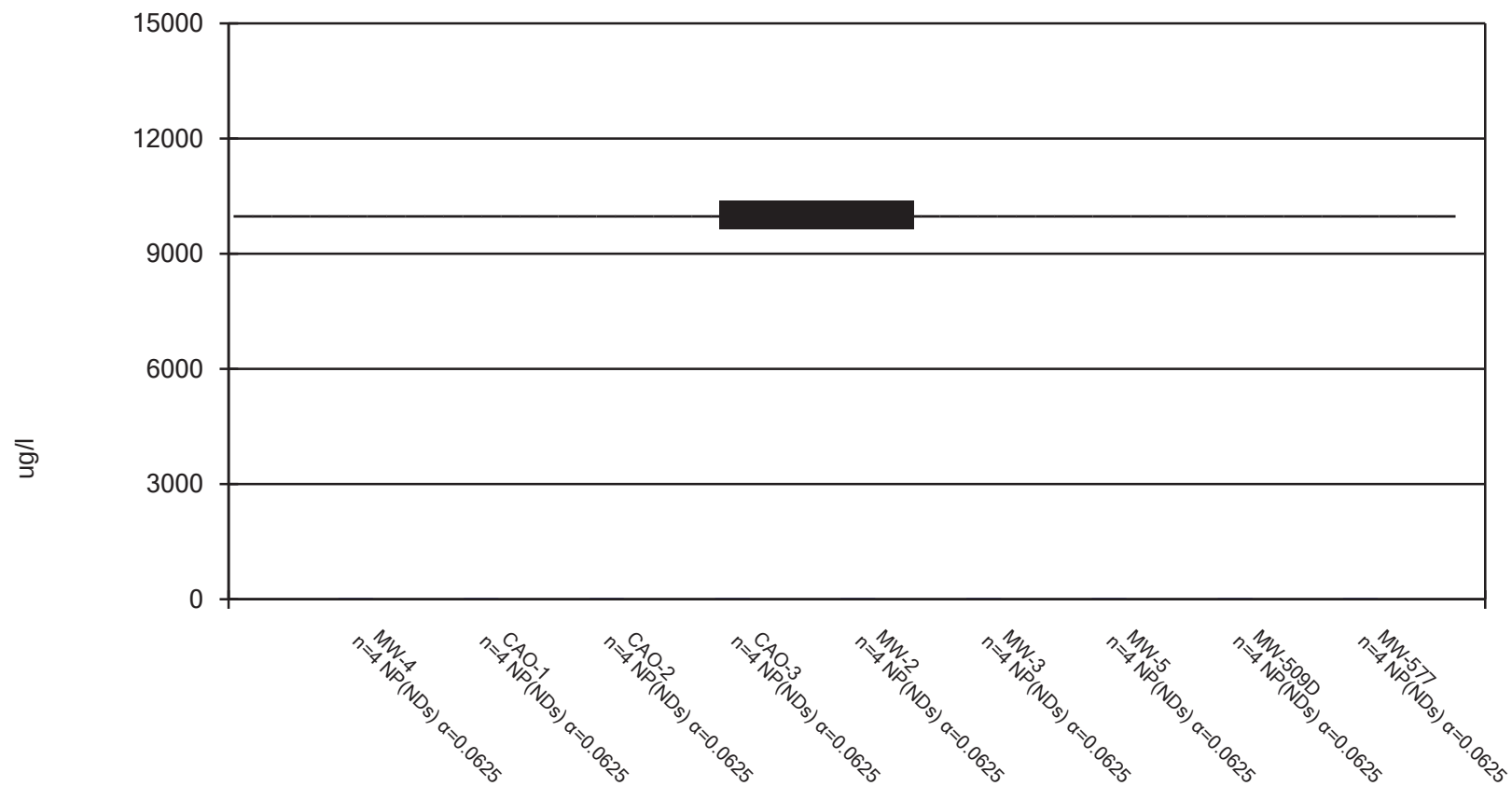
Compliance Limit is not exceeded.



Constituent: Xylenes, Total Analysis Run 10/23/2015 4:22 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

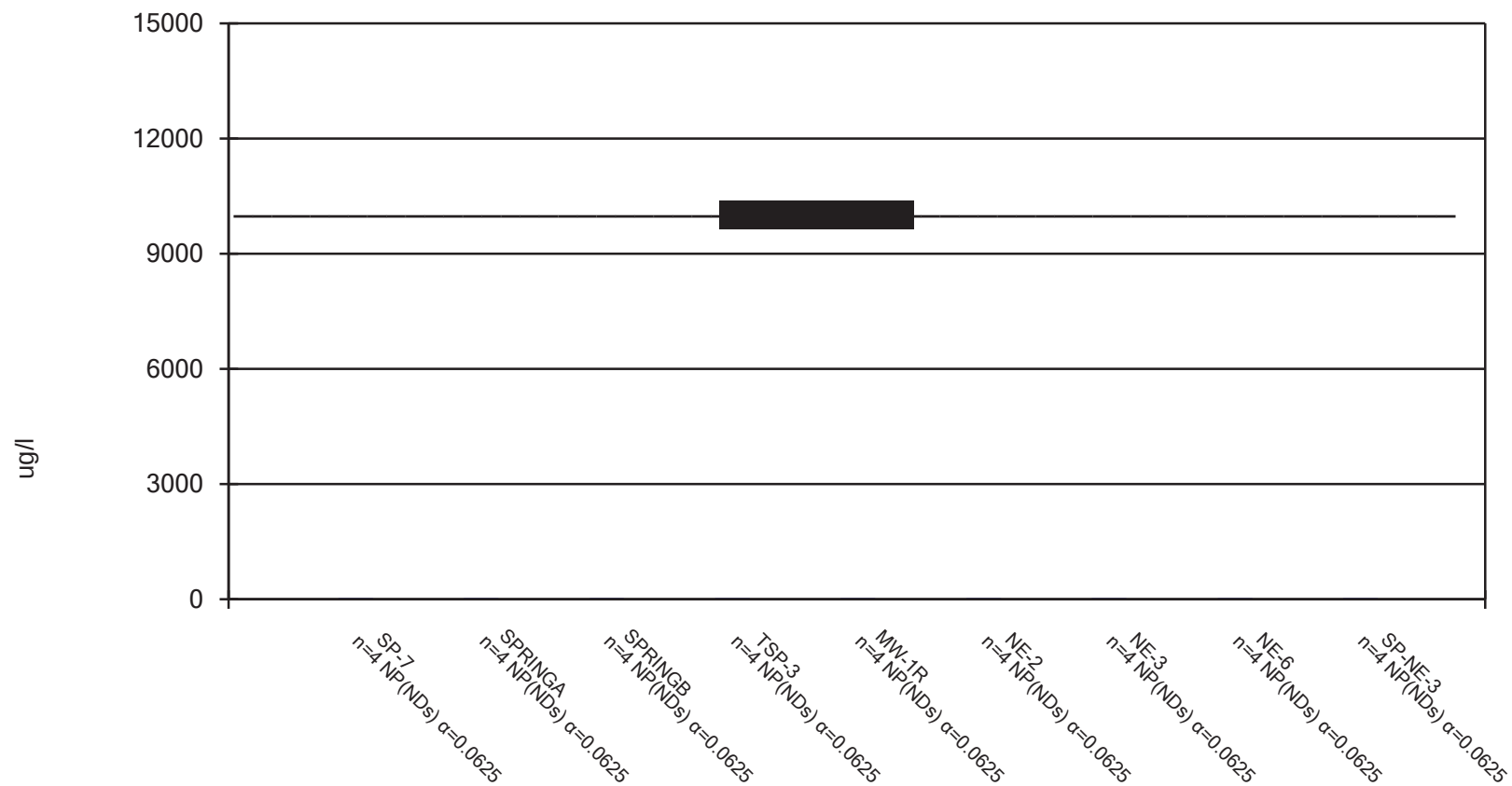
Compliance Limit is not exceeded.



Constituent: Xylenes, Total Analysis Run 10/23/2015 4:23 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

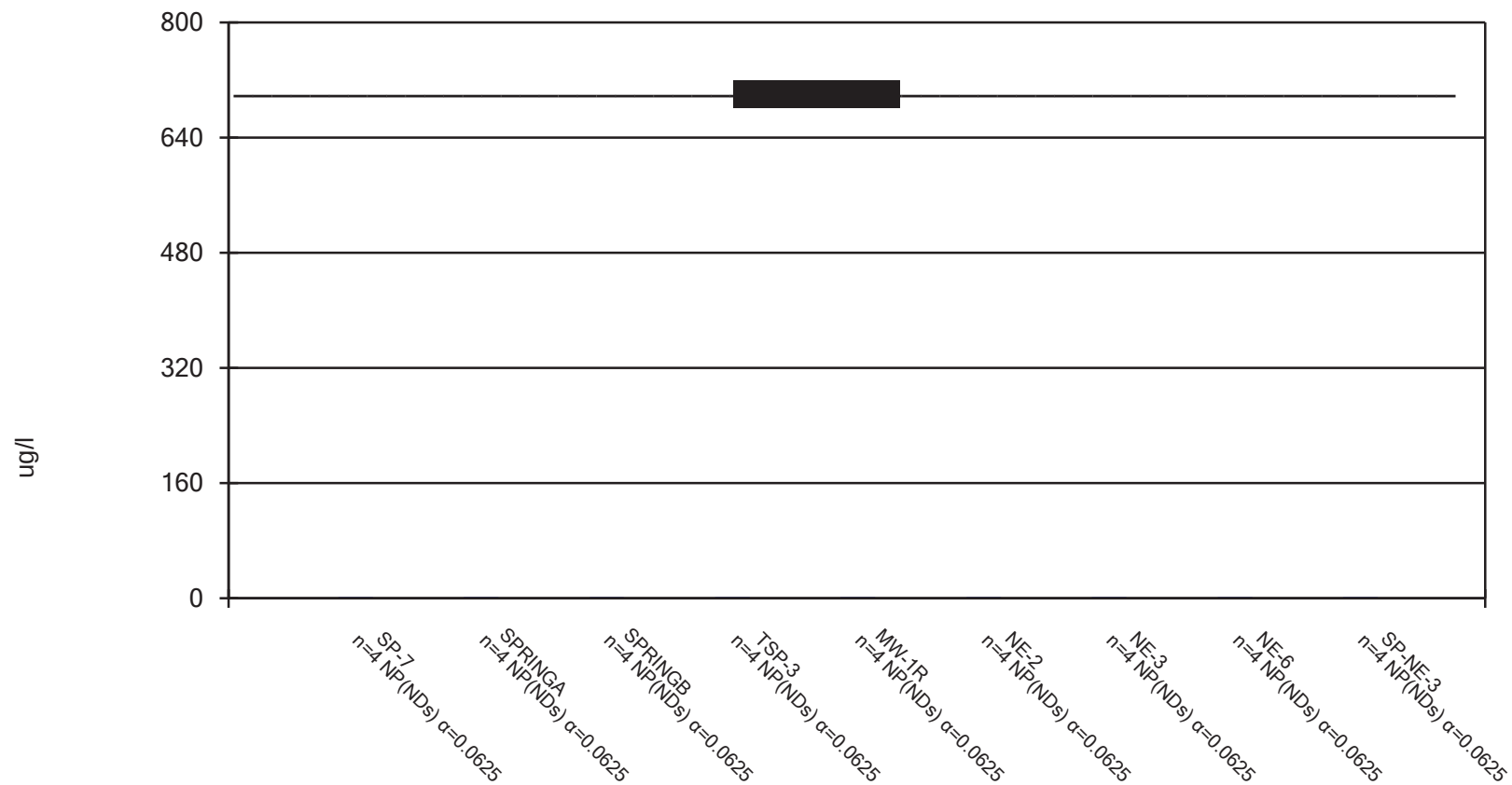
Compliance Limit is not exceeded.



Constituent: Xylenes, Total Analysis Run 10/23/2015 4:23 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

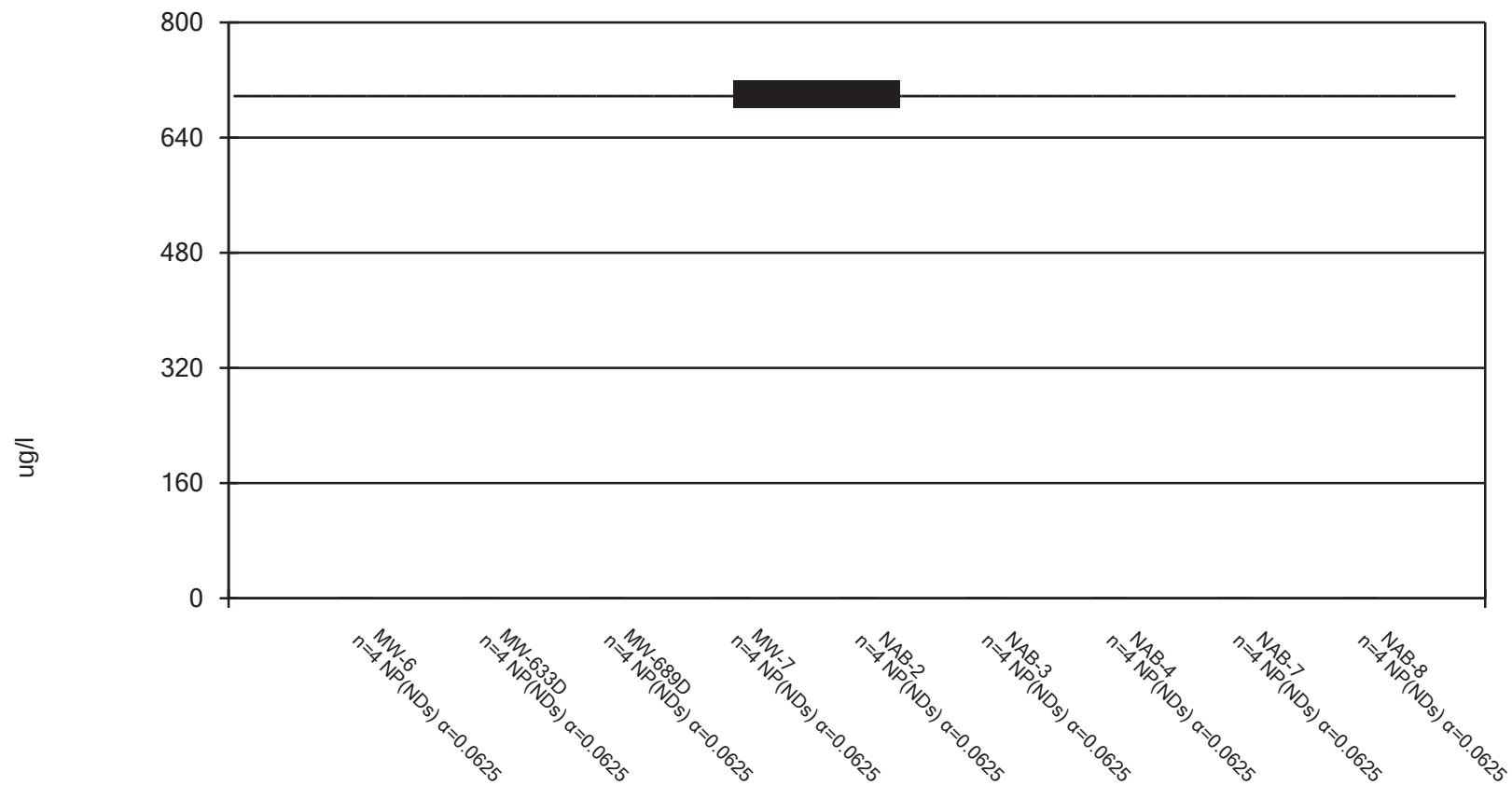


Constituent: Ethylbenzene Analysis Run 10/23/2015 4:25 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

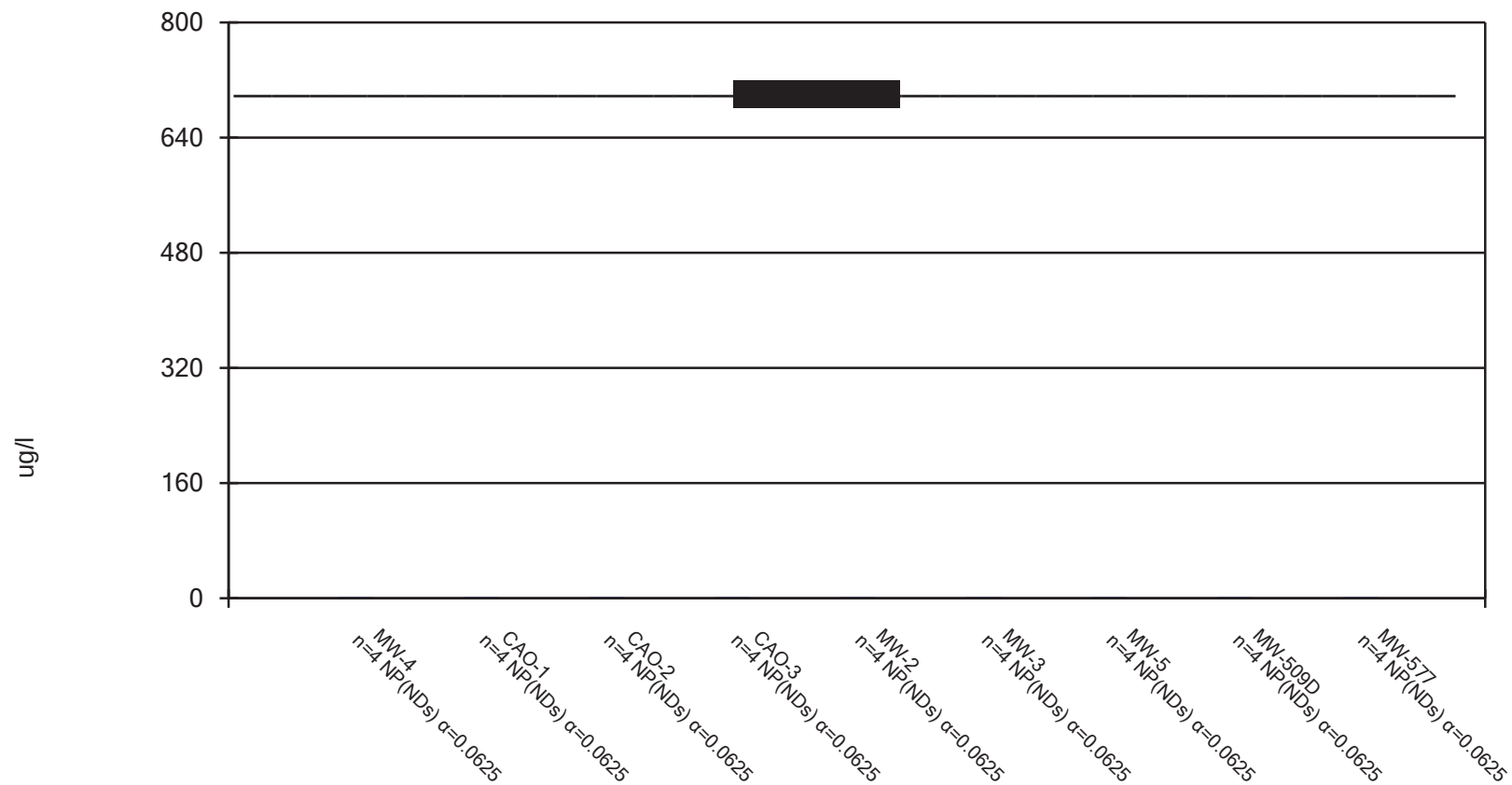


Constituent: Ethylbenzene Analysis Run 10/23/2015 4:25 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

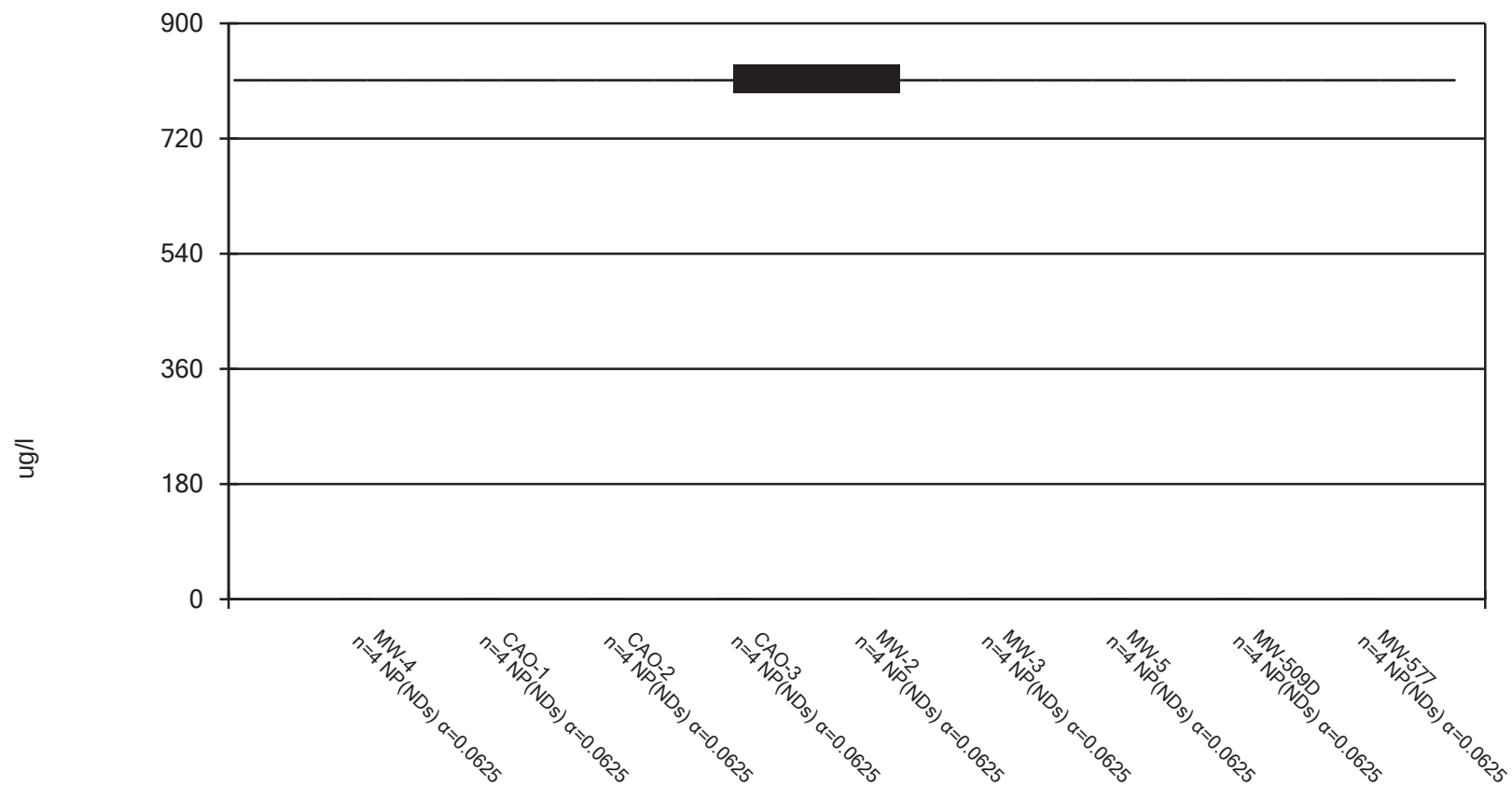


Constituent: Ethylbenzene Analysis Run 10/23/2015 4:26 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

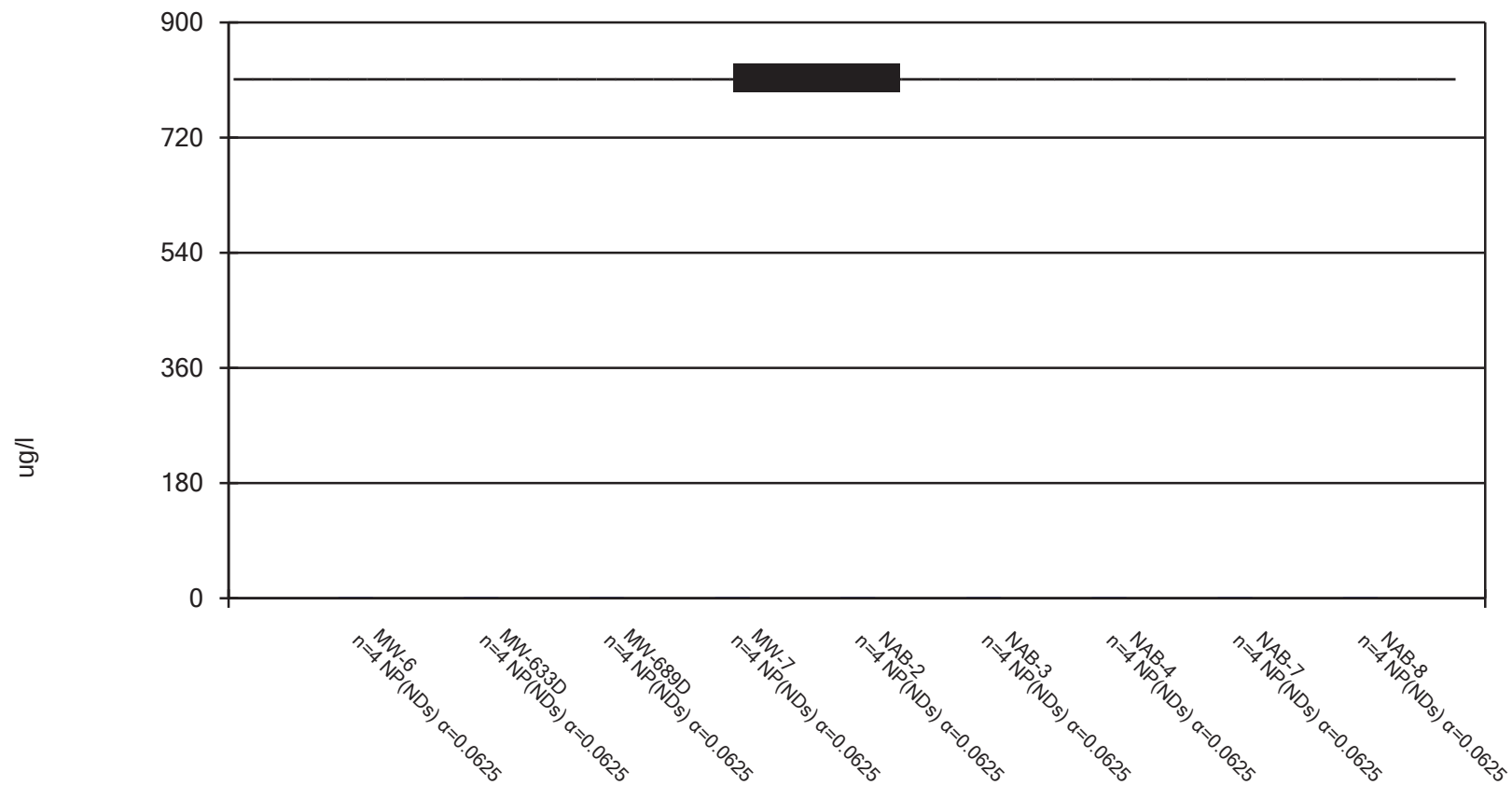
Compliance Limit is not exceeded.



Constituent: Carbon disulfide Analysis Run 10/23/2015 4:26 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

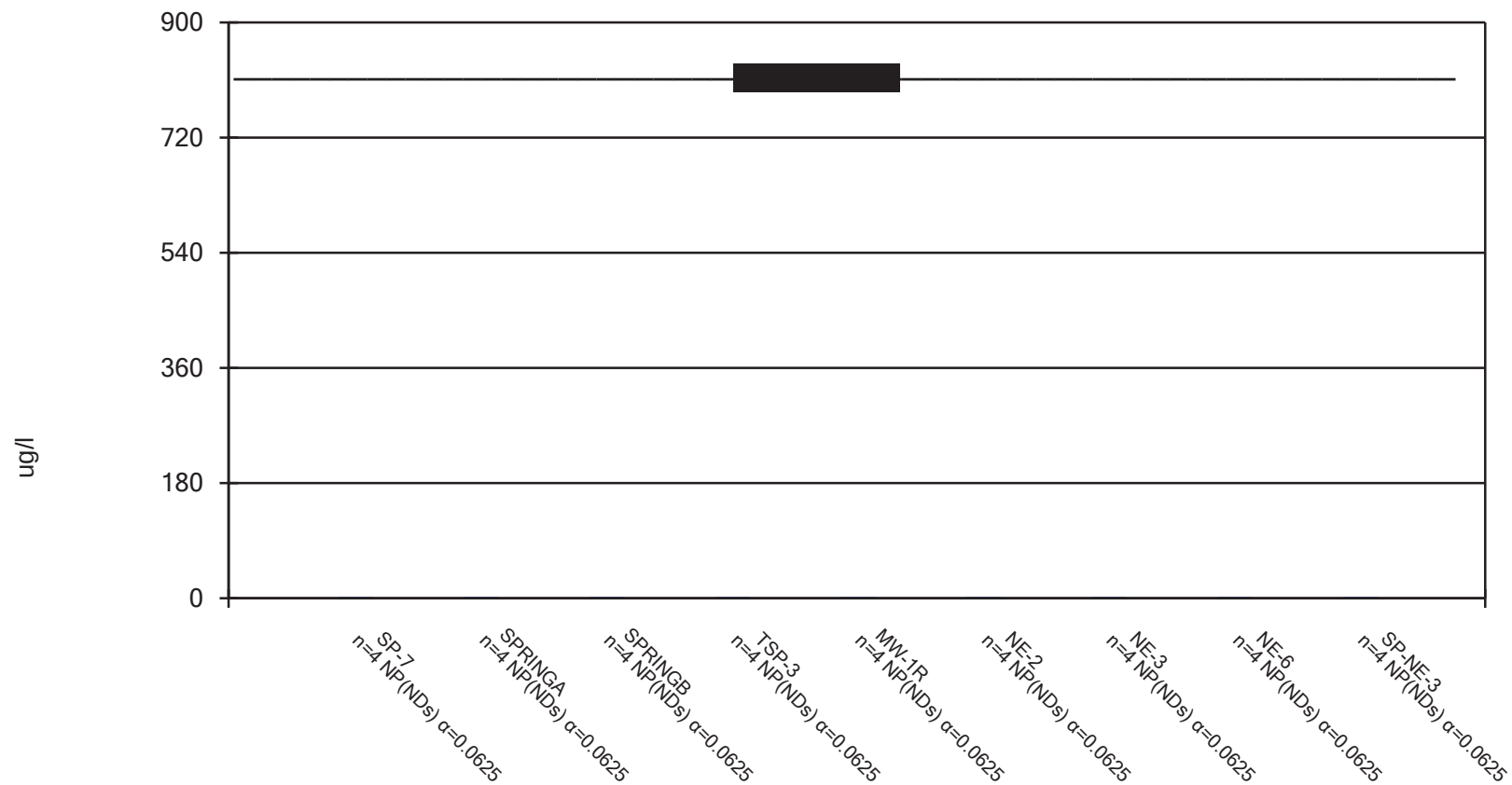
Compliance Limit is not exceeded.



Constituent: Carbon disulfide Analysis Run 10/23/2015 4:27 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

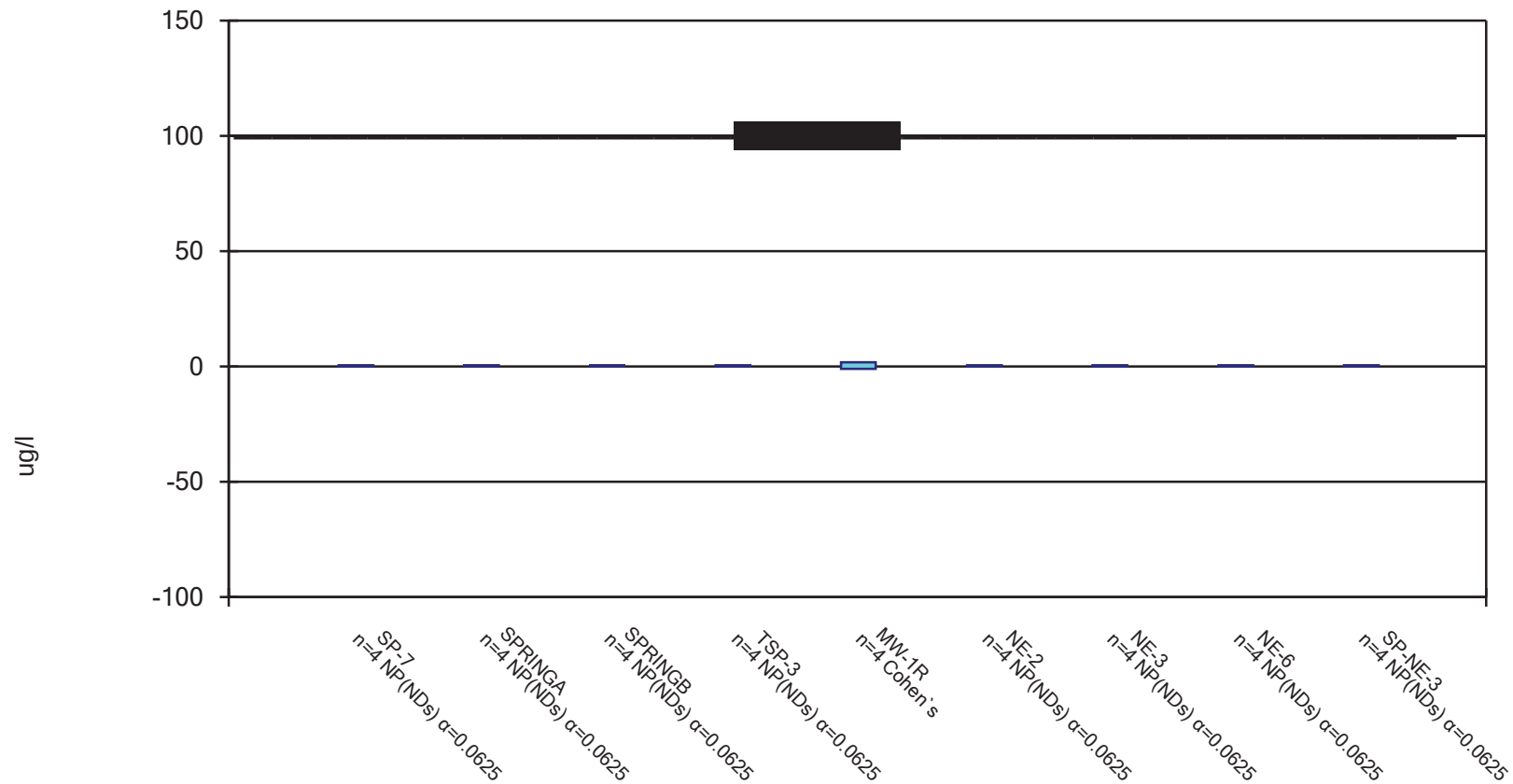
Compliance Limit is not exceeded.



Constituent: Carbon disulfide Analysis Run 10/23/2015 4:27 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

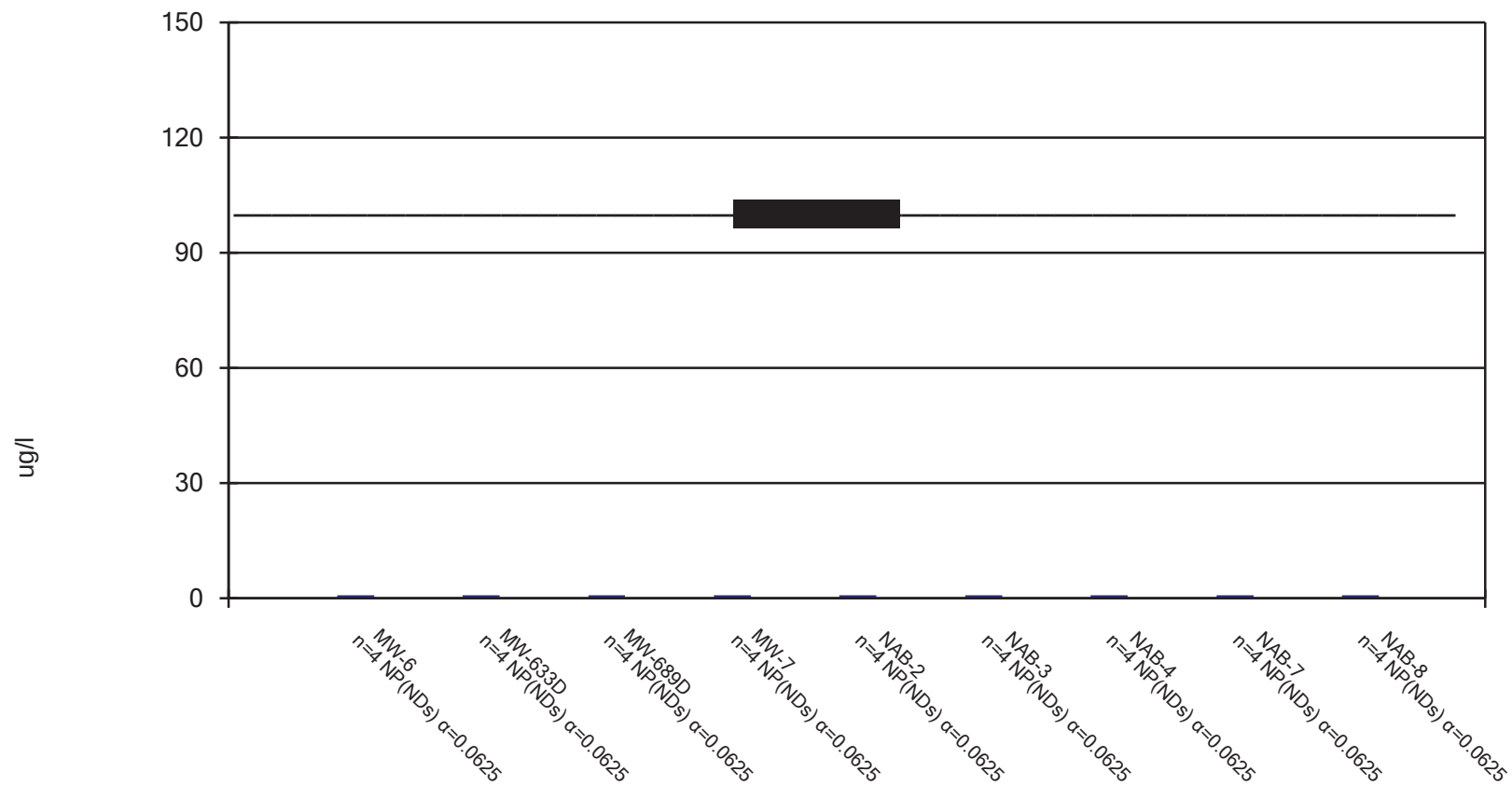
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chlorobenzene Analysis Run 10/23/2015 4:28 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

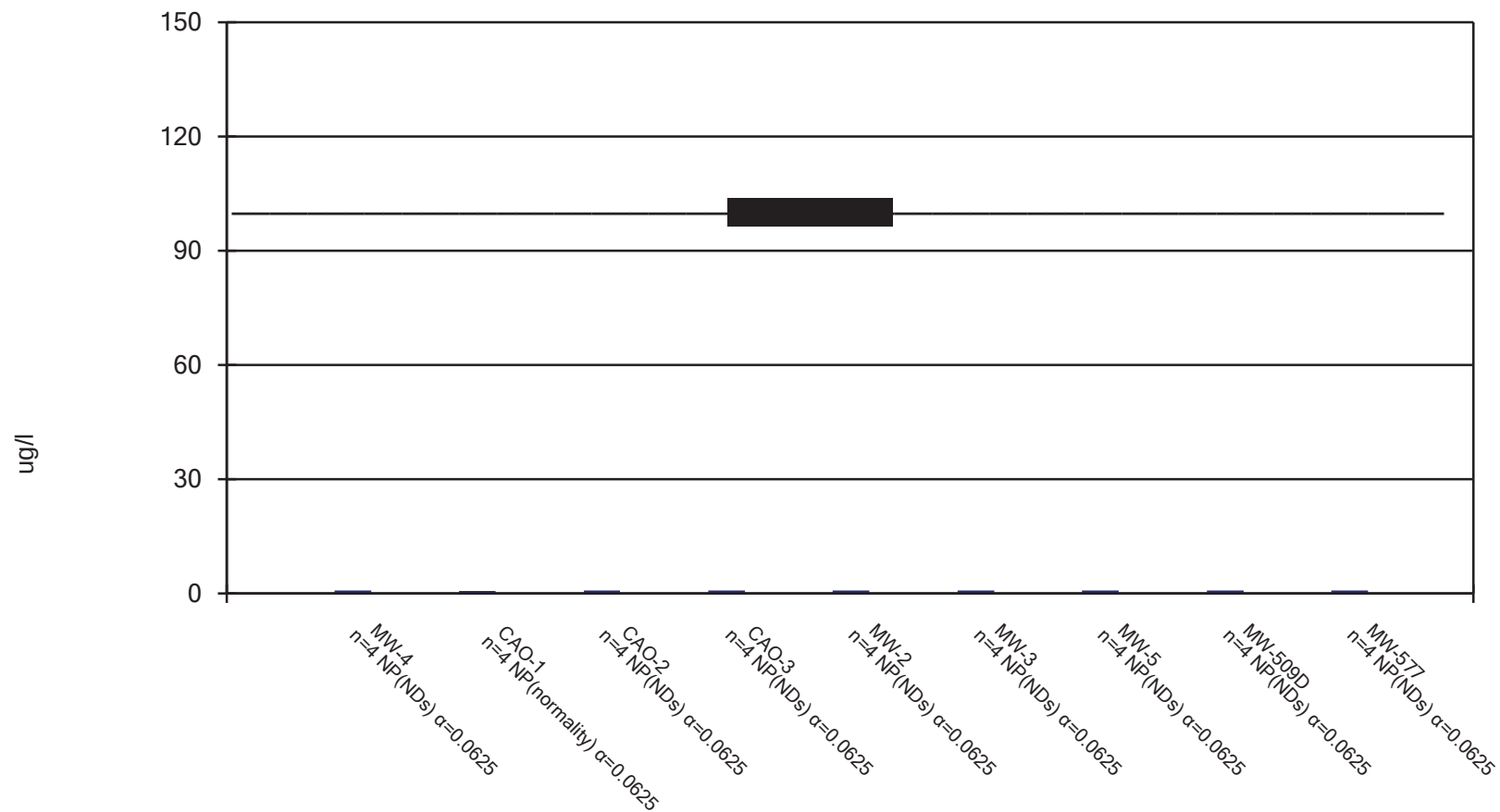
Compliance Limit is not exceeded.



Constituent: Chlorobenzene Analysis Run 10/23/2015 4:29 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

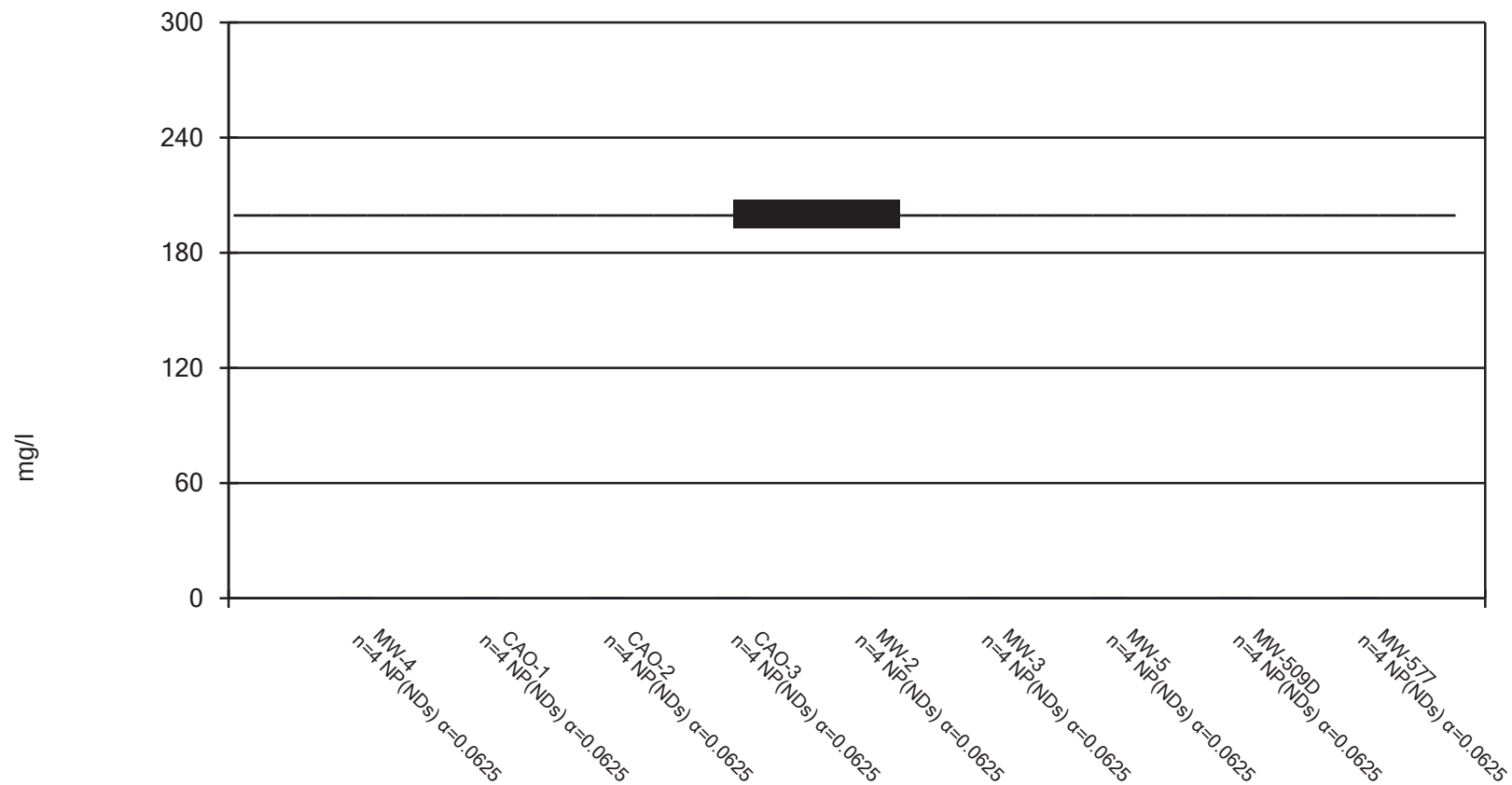
Compliance Limit is not exceeded.



Constituent: Chlorobenzene Analysis Run 10/23/2015 4:29 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

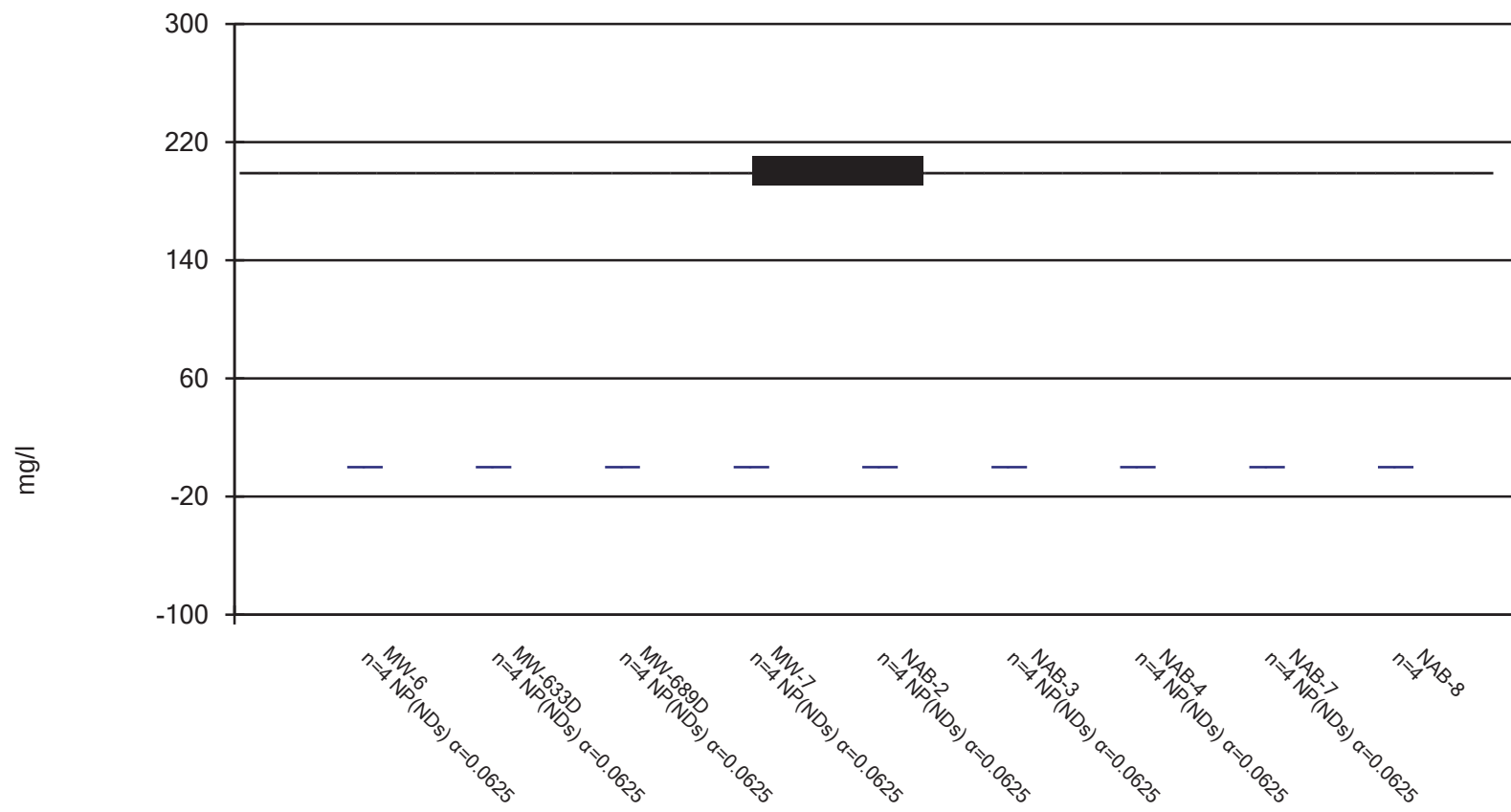


Constituent: Cyanide Analysis Run 10/23/2015 4:30 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

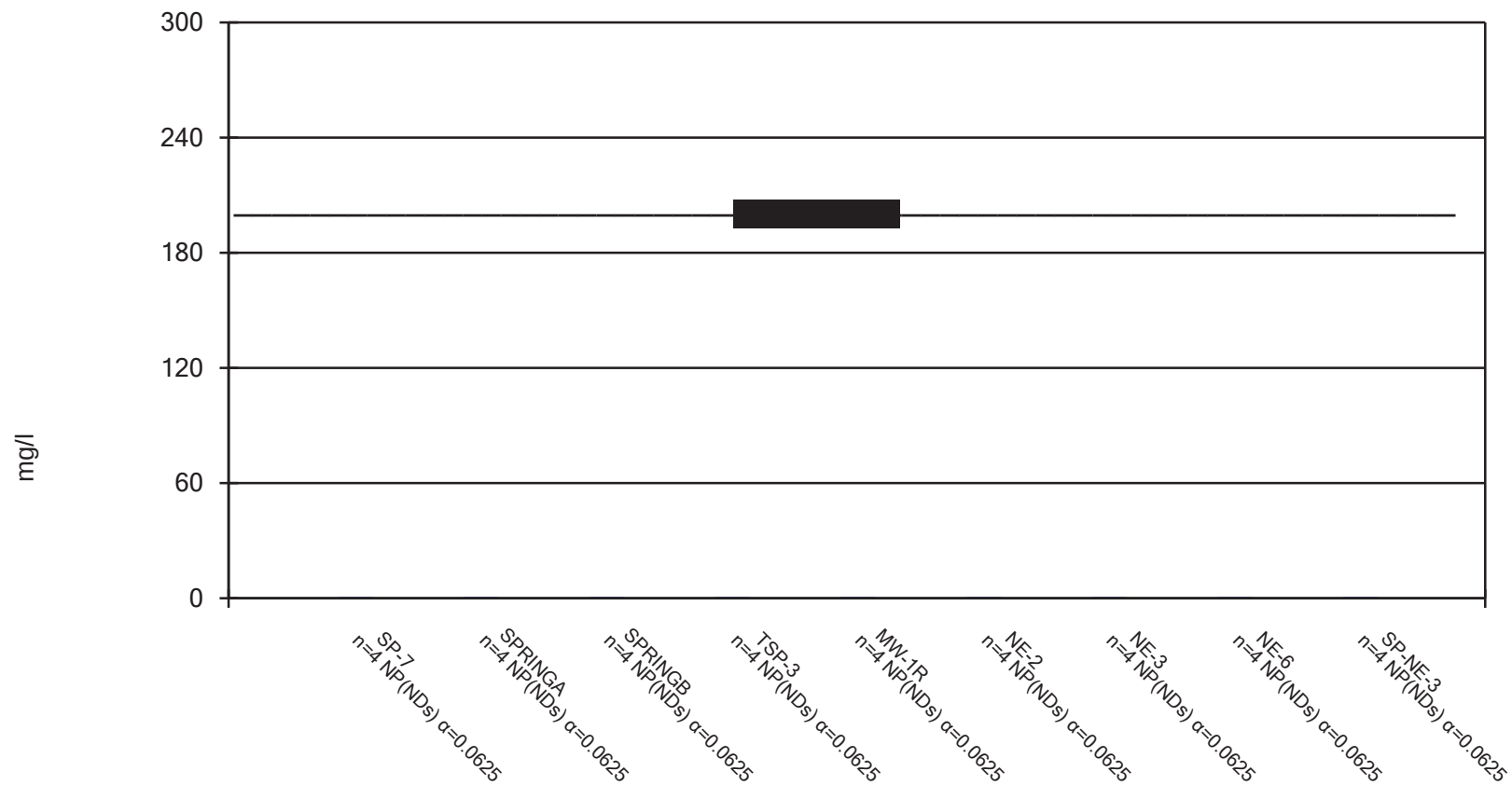


Constituent: Cyanide Analysis Run 10/23/2015 4:30 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

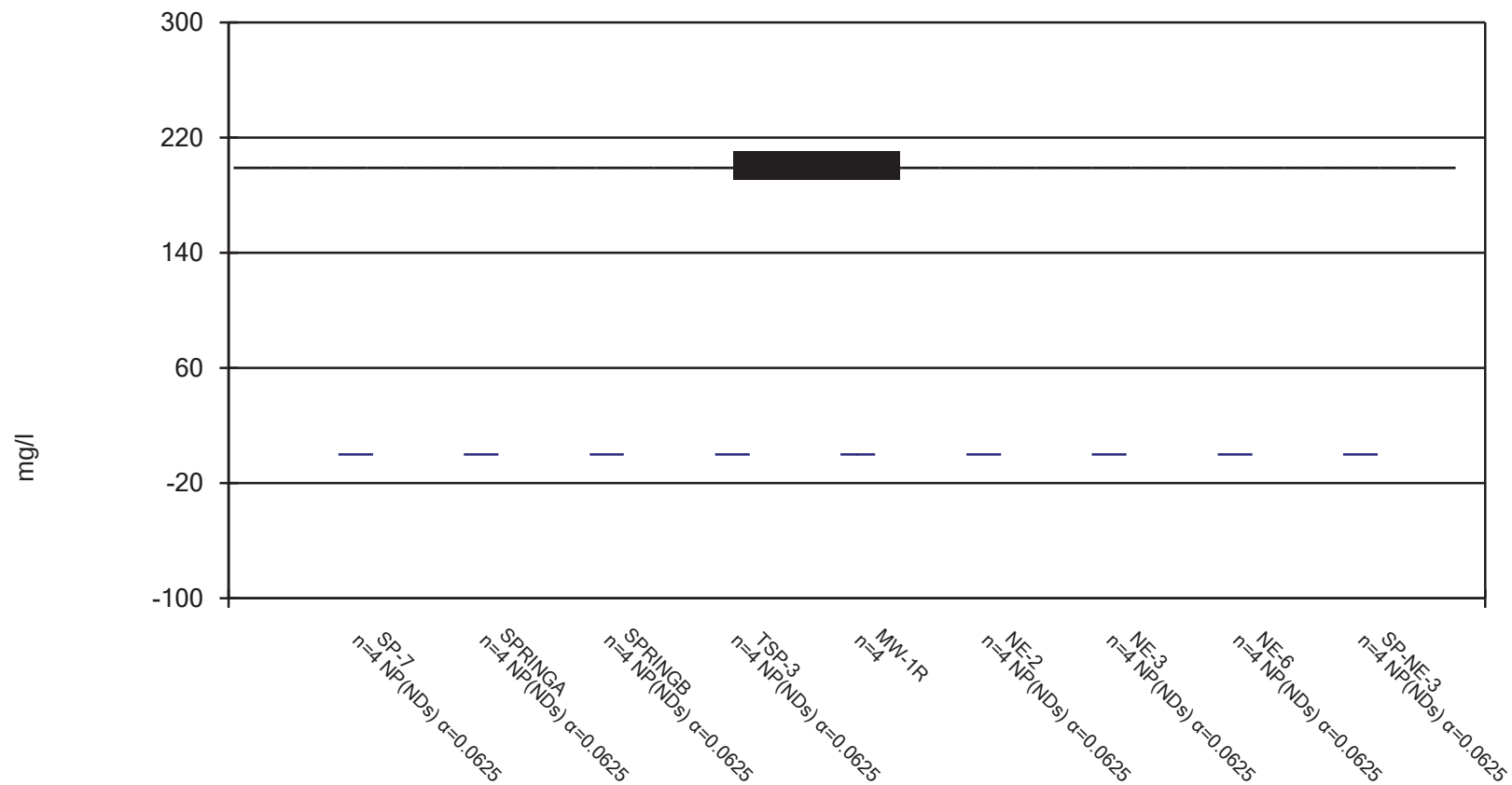


Constituent: Cyanide Analysis Run 10/23/2015 4:31 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

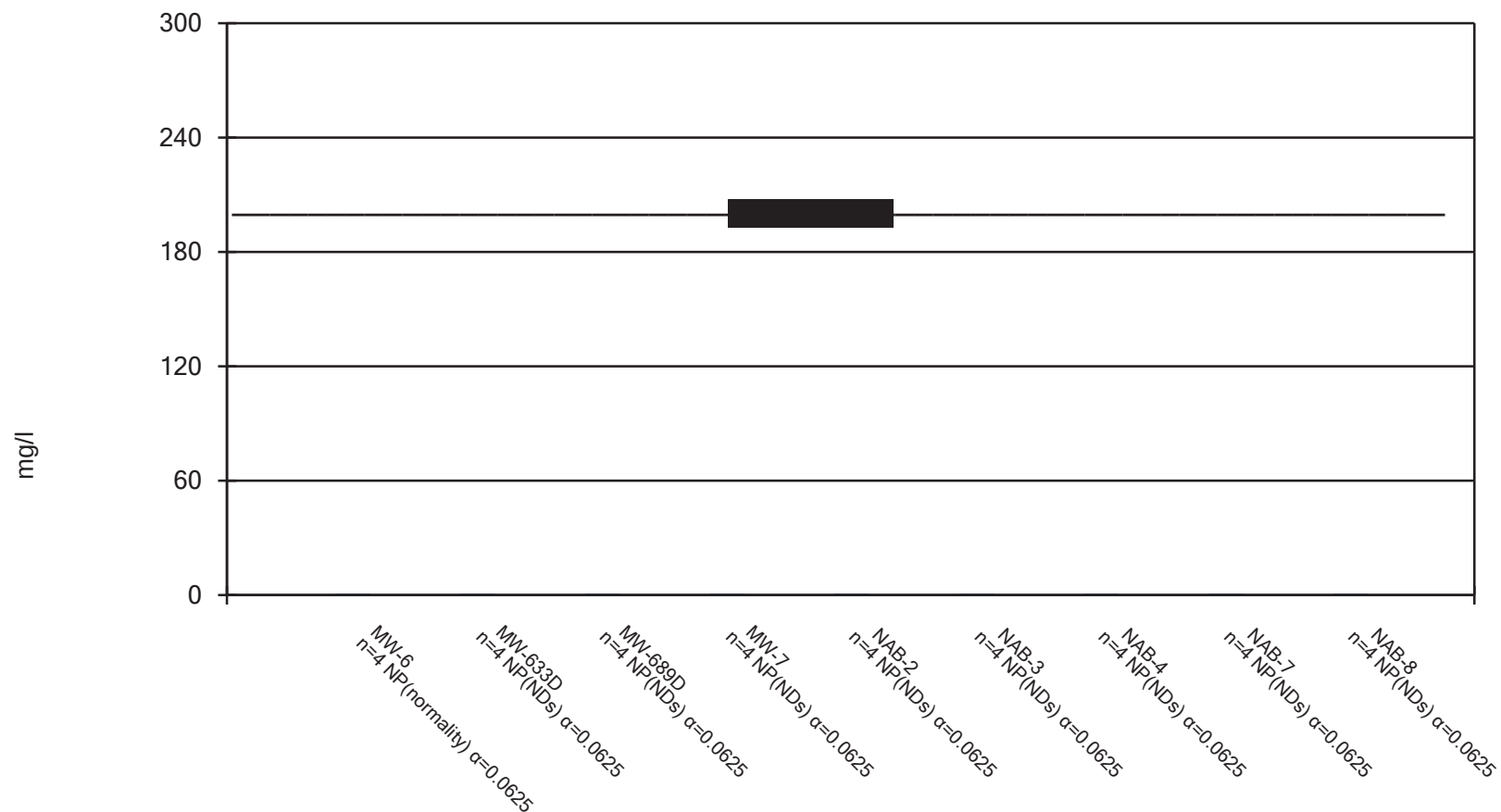


Constituent: Mercury Analysis Run 10/23/2015 4:31 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

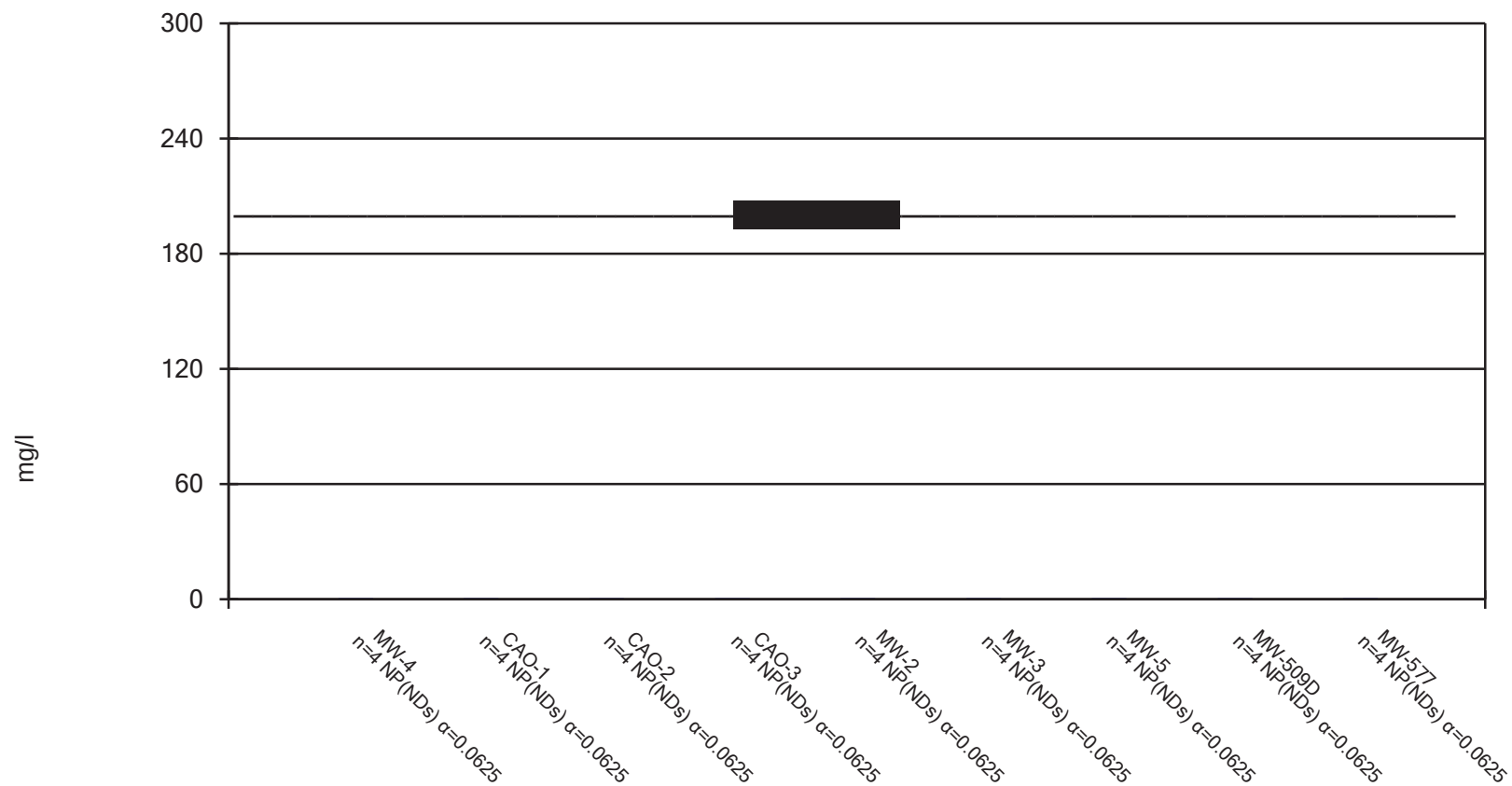


Constituent: Mercury Analysis Run 10/23/2015 4:32 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

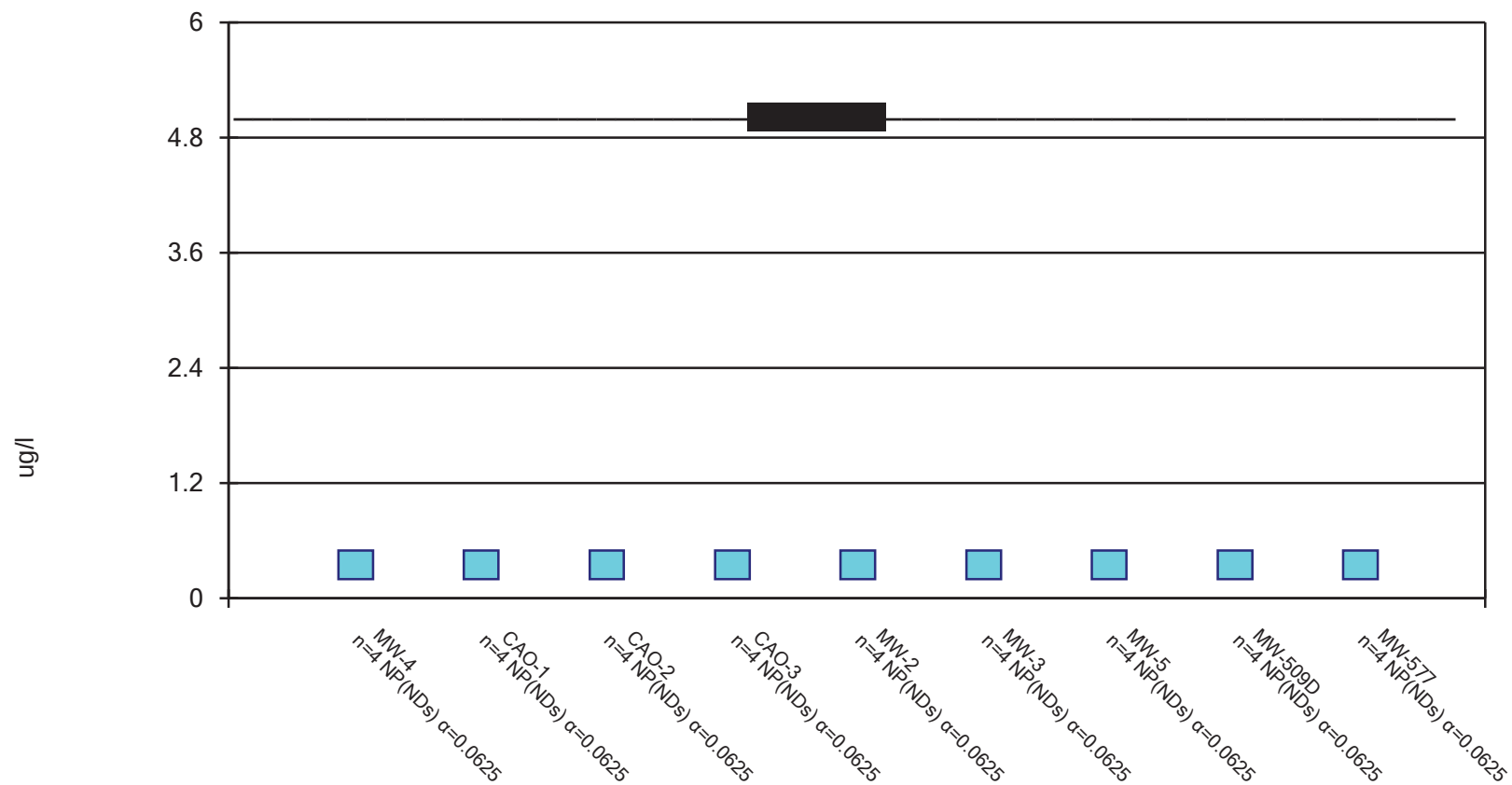


Constituent: Mercury Analysis Run 10/23/2015 4:32 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

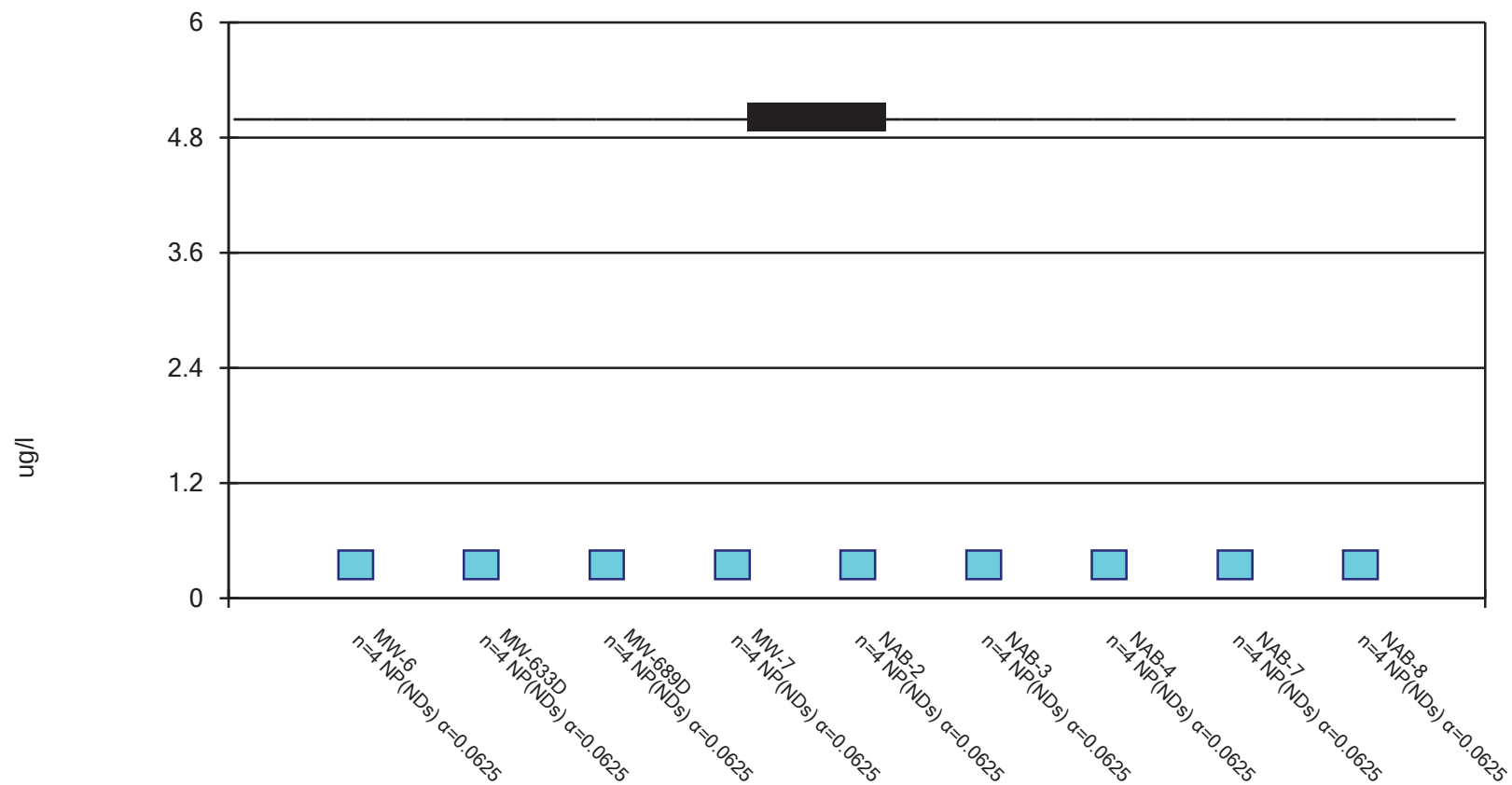
Compliance Limit is not exceeded.



Constituent: Trichloroethene Analysis Run 10/23/2015 4:33 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Non-Parametric Confidence Interval

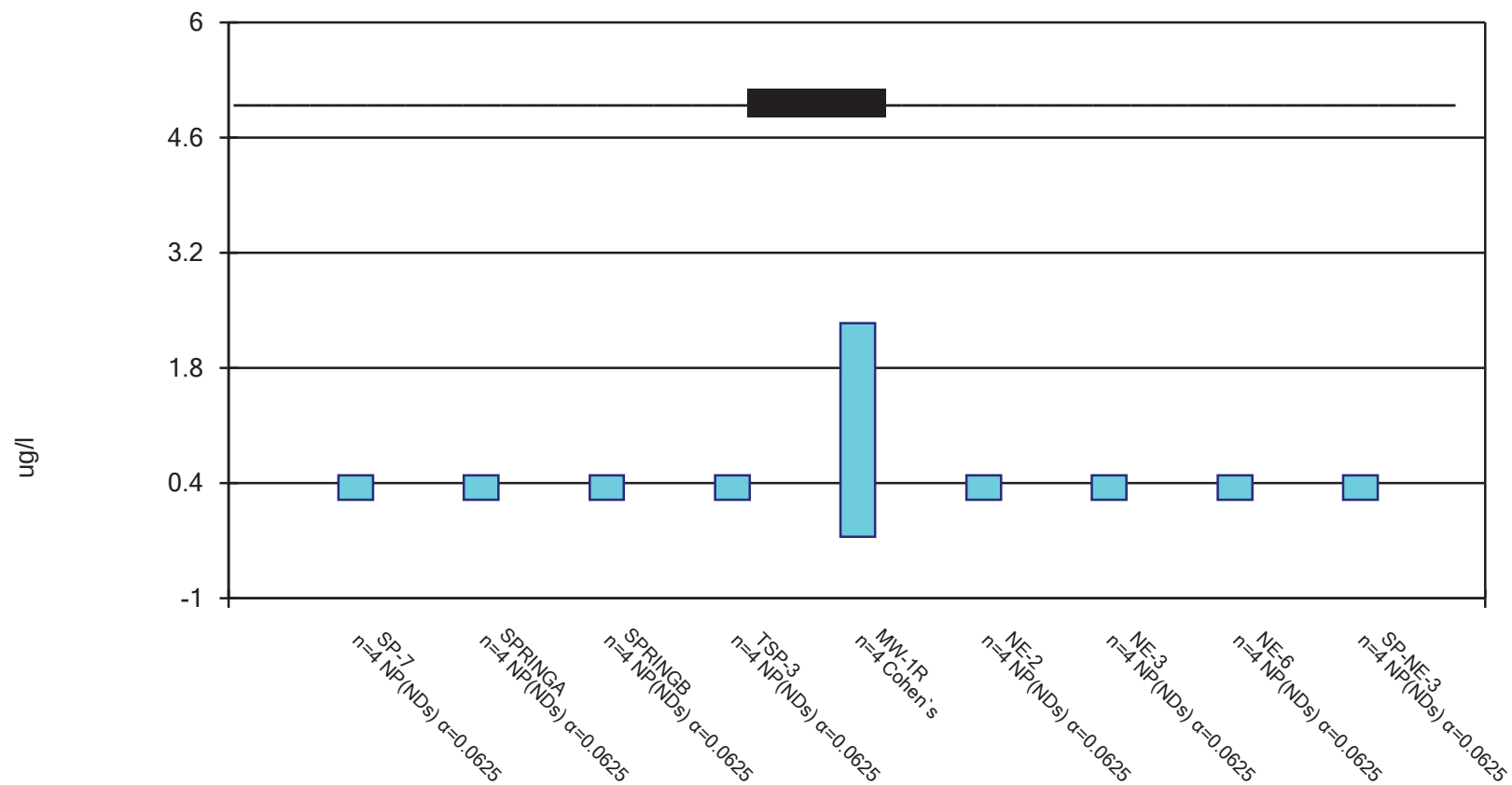
Compliance Limit is not exceeded.



Constituent: Trichloroethene Analysis Run 10/23/2015 4:34 PM
NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Trichloroethene Analysis Run 10/23/2015 4:34 PM

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/l)	MW-4	0.0005	0.000125	0.01	n/a	No	4	0.000...	0.0001875	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	CAO-1	0.06288	0.01402	0.01	n/a	Yes	4	0.03845	0.01076	0	None	No	0.01	Param.
Arsenic (mg/l)	CAO-2	0.004419	0.001501	0.01	n/a	No	4	0.00296	0.0006427	0	None	No	0.01	Param.
Arsenic (mg/l)	CAO-3	0.00034	0.000125	0.01	n/a	No	4	0.000...	0.0001075	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	MW-2	0.006658	0.003192	0.01	n/a	No	4	0.004925	0.0007632	0	None	No	0.01	Param.
Arsenic (mg/l)	MW-3	0.009597	-0.006155	0.01	n/a	No	4	0.002264	0.002788	25	Cohen's	No	0.01	Param.
Arsenic (mg/l)	MW-5	0.00042	0.000125	0.01	n/a	No	4	0.000...	0.0001475	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	MW-509D	0.0011	0.000125	0.01	n/a	No	4	0.000...	0.0004875	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	MW-577	0.003815	-0.002934	0.01	n/a	No	4	0.000...	0.0009808	50	Cohen's	No	0.01	Param.
Arsenic (mg/l)	MW-6	0.00051	0.000125	0.01	n/a	No	4	0.000...	0.0001925	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	MW-633D	0.00095	0.000125	0.01	n/a	No	4	0.000...	0.0004125	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	MW-689D	0.0011	0.000125	0.01	n/a	No	4	0.000...	0.0004875	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	MW-7	0.00028	0.000125	0.01	n/a	No	4	0.000...	0.0000775	75	None	No	0.0625	NP (normality)
Silver (mg/l)	TSP-3	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-1R	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	NE-2	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	NE-3	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	NE-6	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	SP-NE-3	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	NAB-3	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Arsenic (mg/l)	NAB-2	0.007891	0.001769	0.01	n/a	No	4	0.00483	0.001348	0	None	No	0.01	Param.
Arsenic (mg/l)	NAB-3	0.00066	0.000125	0.01	n/a	No	4	0.000...	0.0002675	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	NAB-4	0.00882	-0.0004101	0.01	n/a	No	4	0.004205	0.002033	0	None	No	0.01	Param.
Arsenic (mg/l)	NAB-7	0.007376	-0.003101	0.01	n/a	No	4	0.002431	0.001955	25	Cohen's	No	0.01	Param.
Arsenic (mg/l)	NAB-8	0.009049	-0.001059	0.01	n/a	No	4	0.003995	0.002226	0	None	No	0.01	Param.
Arsenic (mg/l)	SP-7	0.00832	-0.002934	0.01	n/a	No	4	0.002989	0.002159	25	Cohen's	No	0.01	Param.
Arsenic (mg/l)	SPRINGA	0.0014	0.000125	0.01	n/a	No	4	0.000...	0.0006375	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	SPRINGB	0.0012	0.000125	0.01	n/a	No	4	0.000...	0.0005375	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	TSP-3	0.00077	0.000125	0.01	n/a	No	4	0.000...	0.0003225	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	MW-1R	0.06546	0.01264	0.01	n/a	Yes	4	0.03905	0.01163	0	None	No	0.01	Param.
Arsenic (mg/l)	NE-2	0.03001	-0.006597	0.01	n/a	No	4	0.01171	0.008061	0	None	No	0.01	Param.
Arsenic (mg/l)	NE-3	0.005566	-0.001596	0.01	n/a	No	4	0.002154	0.001427	25	Cohen's	No	0.01	Param.
Arsenic (mg/l)	NE-6	0.0013	0.000125	0.01	n/a	No	4	0.000...	0.0005875	75	None	No	0.0625	NP (normality)
Arsenic (mg/l)	SP-NE-3	0.00098	0.000125	0.01	n/a	No	4	0.000...	0.0004275	75	None	No	0.0625	NP (normality)
Barium (mg/l)	SP-7	0.08377	0.03653	2	n/a	No	4	0.06015	0.0104	0	None	No	0.01	Param.
Barium (mg/l)	SPRINGA	0.06258	0.02277	2	n/a	No	4	0.04268	0.008769	0	None	No	0.01	Param.
Barium (mg/l)	SPRINGB	0.1725	0.06404	2	n/a	No	4	0.1183	0.02389	0	None	No	0.01	Param.
Barium (mg/l)	TSP-3	0.159	0.03445	2	n/a	No	4	0.09675	0.02744	0	None	No	0.01	Param.
Barium (mg/l)	MW-1R	0.2014	0.1511	2	n/a	No	4	0.1763	0.01109	0	None	No	0.01	Param.
Barium (mg/l)	NE-2	0.072	0.018	2	n/a	No	4	0.03223	0.02653	0	None	No	0.0625	NP (normality)
Barium (mg/l)	NE-3	0.18	0.00018	2	n/a	No	4	0.125	0.08417	25	None	No	0.0625	NP (Cohens/xform)
Barium (mg/l)	NE-6	0.03634	0.02611	2	n/a	No	4	0.03123	0.002251	0	None	No	0.01	Param.
Barium (mg/l)	SP-NE-3	0.05545	0.01115	2	n/a	No	4	0.0333	0.009755	0	None	No	0.01	Param.
Barium (mg/l)	MW-6	0.047	0.0459	2	n/a	No	4	0.04623	0.0005188	0	None	No	0.0625	NP (normality)
Barium (mg/l)	MW-633D	0.04106	0.03719	2	n/a	No	4	0.03913	0.0008539	0	None	No	0.01	Param.
Barium (mg/l)	MW-689D	0.03072	0.02858	2	n/a	No	4	0.02965	0.0004726	0	None	No	0.01	Param.
Barium (mg/l)	MW-7	0.0398	0.0339	2	n/a	No	4	0.03685	0.0013	0	None	No	0.01	Param.
Barium (mg/l)	NAB-2	0.048	0.034	2	n/a	No	4	0.0411	0.007969	0	None	No	0.0625	NP (normality)
Barium (mg/l)	NAB-3	0.05121	0.02689	2	n/a	No	4	0.03905	0.005355	0	None	No	0.01	Param.

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/l)	NAB-4	0.06509	0.02066	2	n/a	No	4	0.04288	0.009784	0	None	No	0.01	Param.
Barium (mg/l)	NAB-7	0.03102	0.02018	2	n/a	No	4	0.0256	0.002389	0	None	No	0.01	Param.
Barium (mg/l)	NAB-8	0.03496	0.03189	2	n/a	No	4	0.03343	0.0006752	0	None	No	0.01	Param.
Barium (mg/l)	MW-4	0.03825	0.0329	2	n/a	No	4	0.03558	0.001179	0	None	No	0.01	Param.
Barium (mg/l)	CAO-1	0.3251	0.2219	2	n/a	No	4	0.2735	0.02271	0	None	No	0.01	Param.
Barium (mg/l)	CAO-2	0.1263	0.0499	2	n/a	No	4	0.0881	0.01683	0	None	No	0.01	Param.
Barium (mg/l)	CAO-3	0.04891	0.03684	2	n/a	No	4	0.04288	0.002658	0	None	No	0.01	Param.
Barium (mg/l)	MW-2	0.03409	0.02596	2	n/a	No	4	0.03003	0.00179	0	None	No	0.01	Param.
Barium (mg/l)	MW-3	0.08653	0.03012	2	n/a	No	4	0.05833	0.01242	0	None	No	0.01	Param.
Barium (mg/l)	MW-5	0.034	0.033	2	n/a	No	4	0.03375	0.0005	0	None	No	0.0625	NP (normality)
Barium (mg/l)	MW-509D	0.03505	0.02443	2	n/a	No	4	0.03053	0.002402	0	None	x^3	0.01	Param.
Barium (mg/l)	MW-577	0.0273	0.02085	2	n/a	No	4	0.02408	0.001422	0	None	No	0.01	Param.
Cadmium (mg/l)	MW-4	0.001	0.00008	0.005	n/a	No	4	0.000...	0.0005226	50	None	No	0.0625	NP (Cohens/xform)
Cadmium (mg/l)	CAO-1	0.0005	0.00008	0.005	n/a	No	4	0.000185	0.00021	100	None	No	0.0625	NP (NDs)
Cadmium (mg/l)	CAO-2	0.001548	-0.0006633	0.005	n/a	No	4	0.000...	0.0004871	75	None	No	0.01	Param.
Cadmium (mg/l)	CAO-3	0.00069	0.00008	0.005	n/a	No	4	0.000...	0.000305	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	MW-2	0.0005	0.00008	0.005	n/a	No	4	0.000185	0.00021	100	None	No	0.0625	NP (NDs)
Cadmium (mg/l)	MW-3	0.005858	-0.002621	0.005	n/a	No	4	0.001865	0.001565	25	Cohen`s	No	0.01	Param.
Cadmium (mg/l)	MW-5	0.0005	0.00008	0.005	n/a	No	4	0.000185	0.00021	100	Cohen`s	No	0.0625	NP (NDs)
Cadmium (mg/l)	MW-509D	0.007051	0.001699	0.005	n/a	No	4	0.004375	0.001179	0	None	No	0.01	Param.
Cadmium (mg/l)	MW-577	0.00023	0.00008	0.005	n/a	No	4	0.000...	0.000075	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	MW-6	0.00046	0.00008	0.005	n/a	No	4	0.000175	0.00019	75	None	No	0.0625	NP (normality)
Chromium (mg/l)	MW-4	0.00222	-0.0005346	0.1	n/a	No	4	0.000...	0.0006065	75	None	No	0.01	Param.
Chromium (mg/l)	CAO-1	0.002088	-0.0004531	0.1	n/a	No	4	0.000...	0.0005597	75	None	No	0.01	Param.
Chromium (mg/l)	CAO-2	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	CAO-3	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	MW-2	0.00222	-0.0005346	0.1	n/a	No	4	0.000...	0.0006065	75	None	No	0.01	Param.
Chromium (mg/l)	MW-3	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	MW-5	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	MW-509D	0.009938	-0.006913	0.1	n/a	No	4	0.002622	0.002518	50	Cohen`s	No	0.01	Param.
Chromium (mg/l)	MW-577	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	Cohen`s	No	0.0625	NP (NDs)
Chromium (mg/l)	MW-6	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	MW-633D	0.0058	0.00027	0.1	n/a	No	4	0.001867	0.002629	75	None	No	0.0625	NP (Cohens/xform)
Chromium (mg/l)	MW-689D	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	MW-7	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	NAB-2	0.0029	0.00027	0.1	n/a	No	4	0.001142	0.001189	75	None	No	0.0625	NP (Cohens/xform)
Chromium (mg/l)	NAB-3	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	NAB-4	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	NAB-7	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	NAB-8	0.0041	0.00027	0.1	n/a	No	4	0.001442	0.001783	75	None	No	0.0625	NP (Cohens/xform)
Chromium (mg/l)	SP-7	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	SPRINGA	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	SPRINGB	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	TSP-3	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	MW-1R	0.0034	0.00027	0.1	n/a	No	4	0.001267	0.001436	75	None	No	0.0625	NP (Cohens/xform)
Chromium (mg/l)	NE-2	0.016	0.00027	0.1	n/a	No	4	0.004417	0.007724	75	None	No	0.0625	NP (Cohens/xform)
Chromium (mg/l)	NE-3	0.0032	0.00027	0.1	n/a	No	4	0.001217	0.001337	75	None	No	0.0625	NP (Cohens/xform)
Nickel (mg/l)	TSP-3	0.01	0.00245	0.039	n/a	No	4	0.004725	0.003592	75	None	No	0.0625	NP (Cohens/xform)
Nickel (mg/l)	MW-1R	0.09	0.0824	0.039	n/a	Yes	4	0.0846	0.003611	0	None	No	0.0625	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Nickel (mg/l)	NE-2	0.06134	-0.005842	0.039	n/a	No	4	0.02775	0.0148	0	None	No	0.01	Param.
Nickel (mg/l)	NE-3	0.0064	0.00245	0.039	n/a	No	4	0.003668	0.001873	50	None	No	0.0625	NP (Cohens/xform)
Nickel (mg/l)	NE-6	0.013	-0.003172	0.039	n/a	No	4	0.004912	0.003561	75	None	No	0.01	Param.
Nickel (mg/l)	SP-NE-3	0.01	0.000175	0.039	n/a	No	4	0.003769	0.00429	100	None	No	0.0625	NP (NDs)
Nickel (mg/l)	MW-6	0.01622	-0.007684	0.039	n/a	No	4	0.004269	0.005265	75	None	No	0.01	Param.
Nickel (mg/l)	MW-633D	0.016	0.000175	0.039	n/a	No	4	0.005269	0.007234	75	None	No	0.0625	NP (Cohens/xform)
Nickel (mg/l)	MW-689D	0.01351	-0.005972	0.039	n/a	No	4	0.003769	0.00429	75	None	No	0.01	Param.
Nickel (mg/l)	MW-7	0.011	0.00238	0.039	n/a	No	4	0.00457	0.004287	50	None	No	0.0625	NP (normality)
Nickel (mg/l)	NAB-2	0.02577	-0.0177	0.039	n/a	No	4	0.00679	0.006397	50	Cohen`s	No	0.01	Param.
Nickel (mg/l)	NAB-3	0.01486	-0.006825	0.039	n/a	No	4	0.004019	0.004776	75	None	No	0.01	Param.
Nickel (mg/l)	NAB-4	0.03582	-0.02281	0.039	n/a	No	4	0.01015	0.009256	50	Cohen`s	No	0.01	Param.
Nickel (mg/l)	NAB-7	0.02555	-0.01647	0.039	n/a	No	4	0.007075	0.006391	50	Cohen`s	No	0.01	Param.
Nickel (mg/l)	NAB-8	0.013	0.000175	0.039	n/a	No	4	0.004519	0.005755	75	None	No	0.0625	NP (Cohens/xform)
Nickel (mg/l)	MW-4	0.01351	-0.005972	0.039	n/a	No	4	0.003769	0.00429	75	None	No	0.01	Param.
Nickel (mg/l)	CAO-1	0.05806	0.01829	0.039	n/a	No	4	0.03818	0.008759	0	None	No	0.01	Param.
Nickel (mg/l)	CAO-2	0.0526	-0.04336	0.039	n/a	No	4	0.01188	0.01327	50	Cohen`s	No	0.01	Param.
Nickel (mg/l)	CAO-3	0.01486	-0.006825	0.039	n/a	No	4	0.004019	0.004776	75	None	No	0.01	Param.
Nickel (mg/l)	MW-2	0.01486	-0.006825	0.039	n/a	No	4	0.004019	0.004776	75	None	No	0.01	Param.
Nickel (mg/l)	MW-3	0.07864	-0.03682	0.039	n/a	No	4	0.02416	0.02134	25	Cohen`s	No	0.01	Param.
Nickel (mg/l)	MW-5	0.0097	0.002	0.039	n/a	No	4	0.00415	0.003706	50	None	No	0.0625	NP (normality)
Nickel (mg/l)	MW-509D	0.019	0.00245	0.039	n/a	No	4	0.006665	0.008225	50	None	No	0.0625	NP (normality)
Nickel (mg/l)	MW-577	0.01486	-0.006825	0.039	n/a	No	4	0.004019	0.004776	75	None	No	0.01	Param.
Zinc (mg/l)	MW-4	0.1011	0.08225	6	n/a	No	4	0.09168	0.00415	0	None	No	0.01	Param.
Cadmium (mg/l)	MW-633D	0.002031	0.0008986	0.005	n/a	No	4	0.001465	0.0002495	0	None	No	0.01	Param.
Cadmium (mg/l)	MW-689D	0.00025	0.00008	0.005	n/a	No	4	0.000...	0.000085	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	MW-7	0.0005	0.00008	0.005	n/a	No	4	0.000185	0.00021	100	None	No	0.0625	NP (NDs)
Cadmium (mg/l)	NAB-2	0.0005	0.00008	0.005	n/a	No	4	0.000185	0.00021	100	None	No	0.0625	NP (NDs)
Cadmium (mg/l)	NAB-3	0.00044	0.00008	0.005	n/a	No	4	0.00017	0.00018	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	NAB-4	0.001882	0.0006676	0.005	n/a	No	4	0.001275	0.0002675	0	None	No	0.01	Param.
Cadmium (mg/l)	NAB-7	0.0005	0.00008	0.005	n/a	No	4	0.000185	0.00021	100	None	No	0.0625	NP (NDs)
Cadmium (mg/l)	NAB-8	0.00016	0.00008	0.005	n/a	No	4	0.0001	0.00004	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	SP-7	0.00019	0.00008	0.005	n/a	No	4	0.000...	0.000055	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	SPRINGA	0.00038	0.00008	0.005	n/a	No	4	0.000155	0.00015	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	SPRINGB	0.00051	0.00008	0.005	n/a	No	4	0.000...	0.000215	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	TSP-3	0.00027	0.00008	0.005	n/a	No	4	0.000...	0.000095	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	MW-1R	0.00097	0.00008	0.005	n/a	No	4	0.000...	0.000445	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	NE-2	0.00063	0.00008	0.005	n/a	No	4	0.000...	0.000275	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	NE-3	0.00026	0.00008	0.005	n/a	No	4	0.000125	0.00009	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	NE-6	0.00029	0.00008	0.005	n/a	No	4	0.000...	0.000105	75	None	No	0.0625	NP (normality)
Cadmium (mg/l)	SP-NE-3	0.00028	0.00008	0.005	n/a	No	4	0.00013	0.0001	75	None	No	0.0625	NP (normality)
Cobalt (mg/l)	SP-7	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	SPRINGA	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	SPRINGB	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	TSP-3	0.006523	-0.001723	0.011	n/a	No	4	0.0024	0.001816	75	None	No	0.01	Param.
Cobalt (mg/l)	MW-1R	0.1372	0.05236	0.011	n/a	Yes	4	0.09478	0.01868	0	None	No	0.01	Param.
Cobalt (mg/l)	NE-2	0.006797	-0.002511	0.011	n/a	No	4	0.002415	0.001681	50	Cohen`s	No	0.01	Param.
Cobalt (mg/l)	NE-3	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	Cohen`s	No	0.0625	NP (NDs)
Cobalt (mg/l)	NE-6	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	Cohen`s	No	0.0625	NP (NDs)
Cobalt (mg/l)	SP-NE-3	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	Cohen`s	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/l)	MW-6	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-633D	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-689D	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-7	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	NAB-2	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	NAB-3	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	NAB-4	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	NAB-7	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	NAB-8	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-4	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	CAO-1	0.036	0.02	0.011	n/a	Yes	4	0.02448	0.007735	0	None	No	0.0625	NP (normality)
Cobalt (mg/l)	CAO-2	0.006656	-0.001621	0.011	n/a	No	4	0.002517	0.001823	75	None	No	0.01	Param.
Cobalt (mg/l)	CAO-3	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-2	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-3	0.00542	0.00115	0.011	n/a	No	4	0.00318	0.00235	75	None	No	0.0625	NP (Cohens/xform)
Cobalt (mg/l)	MW-5	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-509D	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Cobalt (mg/l)	MW-577	0.005	0.00013	0.011	n/a	No	4	0.001857	0.002149	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	NE-6	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Chromium (mg/l)	SP-NE-3	0.005	0.00027	0.1	n/a	No	4	0.001667	0.002231	100	None	No	0.0625	NP (NDs)
Nickel (mg/l)	SP-7	0.01	0.00205	0.039	n/a	No	4	0.004237	0.003846	75	None	No	0.0625	NP (normality)
Nickel (mg/l)	SPRINGA	0.01	0.000175	0.039	n/a	No	4	0.003769	0.00429	100	None	No	0.0625	NP (NDs)
Nickel (mg/l)	SPRINGB	0.01103	-0.001475	0.039	n/a	No	4	0.004673	0.002776	50	Cohen's	No	0.01	Param.
Zinc (mg/l)	CAO-1	0.013	0.00128	6	n/a	No	4	0.00422	0.005853	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	CAO-2	0.04712	-0.04106	6	n/a	No	4	0.01005	0.01194	50	Cohen's	No	0.01	Param.
Zinc (mg/l)	CAO-3	0.05966	-0.04704	6	n/a	No	4	0.01439	0.0154	50	Cohen's	No	0.01	Param.
Zinc (mg/l)	MW-2	0.0048	0.00128	6	n/a	No	4	0.00217	0.001753	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	MW-3	0.1691	0.006066	6	n/a	No	4	0.0876	0.03591	0	None	No	0.01	Param.
Zinc (mg/l)	MW-5	0.0304	0.0013	6	n/a	No	4	0.02118	0.01338	25	None	No	0.0625	NP (Cohens/xform)
Zinc (mg/l)	MW-509D	0.5053	0.2422	6	n/a	No	4	0.3738	0.05793	0	None	No	0.01	Param.
Zinc (mg/l)	MW-577	0.0032	0.00128	6	n/a	No	4	0.00177	0.0009534	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	MW-6	0.04582	0.03203	6	n/a	No	4	0.03893	0.003037	0	None	No	0.01	Param.
Zinc (mg/l)	MW-633D	0.2959	0.1976	6	n/a	No	4	0.2468	0.02165	0	None	No	0.01	Param.
Zinc (mg/l)	MW-689D	0.0042	0.00128	6	n/a	No	4	0.00202	0.001453	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	MW-7	0.0038	0.00128	6	n/a	No	4	0.00192	0.001253	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	NAB-2	0.06185	0.03295	6	n/a	No	4	0.0474	0.006364	0	None	No	0.01	Param.
Zinc (mg/l)	NAB-3	0.12	0.1	6	n/a	No	4	0.105	0.01	0	None	No	0.0625	NP (normality)
Zinc (mg/l)	NAB-4	1.09	0.43	6	n/a	No	4	0.76	0.1454	0	None	No	0.01	Param.
Zinc (mg/l)	NAB-7	0.06	0.051	6	n/a	No	4	0.0535	0.004359	0	None	No	0.0625	NP (normality)
Zinc (mg/l)	NAB-8	0.0061	0.00128	6	n/a	No	4	0.002495	0.002403	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	SP-7	0.005	0.00128	6	n/a	No	4	0.00222	0.001853	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	SPRINGA	0.07244	-0.02479	6	n/a	No	4	0.02632	0.01877	25	Cohen's	No	0.01	Param.
Zinc (mg/l)	SPRINGB	0.069	-0.02475	6	n/a	No	4	0.02457	0.01796	25	Cohen's	No	0.01	Param.
Zinc (mg/l)	TSP-3	0.0091	0.00128	6	n/a	No	4	0.003245	0.003903	75	None	No	0.0625	NP (normality)
Zinc (mg/l)	MW-1R	1.757	1.188	6	n/a	No	4	1.473	0.1253	0	None	No	0.01	Param.
Zinc (mg/l)	NE-2	1.747	-0.2021	6	n/a	No	4	0.3043	0.4676	0	None	sqrt(x)	0.01	Param.
Zinc (mg/l)	NE-3	0.1264	0.011	6	n/a	No	4	0.0553	0.02815	0	None	sqrt(x)	0.01	Param.
Zinc (mg/l)	NE-6	0.6997	-0.4949	6	n/a	No	4	0.5508	0.1344	0	None	x^5	0.01	Param.
Zinc (mg/l)	SP-NE-3	0.076	0.00128	6	n/a	No	4	0.02389	0.03552	50	None	No	0.0625	NP (Cohens/xform)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Selenium (mg/l)	SP-7	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	SPRINGA	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	SPRINGB	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	75	None	No	0.0625	NP (normality)
Selenium (mg/l)	TSP-3	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-1R	0.0005	0.00019	0.05	n/a	No	4	0.000...	0.000155	75	None	No	0.0625	NP (normality)
Selenium (mg/l)	NE-2	0.00076	0.00019	0.05	n/a	No	4	0.000...	0.000285	75	None	No	0.0625	NP (normality)
Selenium (mg/l)	NE-3	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	NE-6	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	SP-NE-3	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-6	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-633D	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-689D	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-7	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	NAB-2	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	NAB-3	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	NAB-4	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	NAB-7	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	NAB-8	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-4	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	CAO-1	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	75	None	No	0.0625	NP (normality)
Selenium (mg/l)	CAO-2	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	CAO-3	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-2	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-3	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-5	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-509D	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	MW-577	0.001	0.00019	0.05	n/a	No	4	0.000...	0.000405	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	MW-4	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	CAO-1	0.00035	0.00015	12	n/a	No	4	0.0002	0.0001	75	None	No	0.0625	NP (normality)
Tin (mg/l)	CAO-2	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	CAO-3	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	MW-2	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	MW-3	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	MW-5	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	MW-509D	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	MW-577	0.00045	0.00015	12	n/a	No	4	0.000225	0.00015	75	None	No	0.0625	NP (normality)
Tin (mg/l)	MW-6	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	MW-633D	0.0005	0.00015	12	n/a	No	4	0.000...	0.000175	75	None	No	0.0625	NP (normality)
Tin (mg/l)	MW-689D	0.00038	0.00015	12	n/a	No	4	0.000...	0.000115	75	None	No	0.0625	NP (normality)
Tin (mg/l)	MW-7	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	NAB-2	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	NAB-3	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	NAB-4	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	NAB-7	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	NAB-8	0.001	0.00015	12	n/a	No	4	0.000...	0.000425	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	SP-7	0.00037	0.00015	12	n/a	No	4	0.000205	0.00011	75	None	No	0.0625	NP (normality)
Tin (mg/l)	SPRINGA	0.00036	0.00015	12	n/a	No	4	0.000...	0.000105	75	None	No	0.0625	NP (normality)
Tin (mg/l)	SPRINGB	0.00041	0.00015	12	n/a	No	4	0.000215	0.00013	75	None	No	0.0625	NP (normality)
Tin (mg/l)	TSP-3	0.00039	0.00015	12	n/a	No	4	0.00021	0.00012	75	None	No	0.0625	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Tin (mg/l)	MW-1R	0.00043	0.00015	12	n/a	No	4	0.00022	0.00014	75	None	No	0.0625	NP (normality)
Tin (mg/l)	NE-2	0.0014	0.00015	12	n/a	No	4	0.000...	0.000625	75	None	No	0.0625	NP (normality)
Tin (mg/l)	NE-3	0.00047	0.00015	12	n/a	No	4	0.00023	0.00016	75	None	No	0.0625	NP (normality)
Tin (mg/l)	NE-6	0.00042	0.00015	12	n/a	No	4	0.000...	0.000135	75	None	No	0.0625	NP (normality)
Tin (mg/l)	SP-NE-3	0.00039	0.00015	12	n/a	No	4	0.00021	0.00012	75	None	No	0.0625	NP (normality)
Silver (mg/l)	SP-7	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	SPRINGA	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	SPRINGB	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-6	0.004893	-0.001615	0.094	n/a	No	4	0.001639	0.001433	75	None	No	0.01	Param.
Silver (mg/l)	MW-633D	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-689D	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-7	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	NAB-2	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	NAB-4	0.00426	-0.001232	0.094	n/a	No	4	0.001514	0.001209	75	None	No	0.01	Param.
Silver (mg/l)	NAB-7	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	NAB-8	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-4	0.00607	-0.002343	0.094	n/a	No	4	0.001864	0.001853	75	None	No	0.01	Param.
Silver (mg/l)	CAO-1	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	CAO-2	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	CAO-3	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-2	0.004136	-0.001158	0.094	n/a	No	4	0.001489	0.001166	75	None	No	0.01	Param.
Silver (mg/l)	MW-3	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-5	0.005938	-0.00226	0.094	n/a	No	4	0.001839	0.001806	75	None	No	0.01	Param.
Silver (mg/l)	MW-509D	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Silver (mg/l)	MW-577	0.005	0.000155	0.094	n/a	No	4	0.001989	0.002092	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-4	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	CAO-1	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	CAO-2	0.00037	0.000095	0.002	n/a	No	4	0.000...	0.0001375	75	None	No	0.0625	NP (normality)
Thallium (mg/l)	CAO-3	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-2	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-3	0.00024	0.000095	0.002	n/a	No	4	0.000...	0.0000725	75	None	No	0.0625	NP (normality)
Thallium (mg/l)	MW-5	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-509D	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-577	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-6	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-633D	0.00026	0.000095	0.002	n/a	No	4	0.000...	0.0000825	75	None	No	0.0625	NP (normality)
Thallium (mg/l)	MW-689D	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-7	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	NAB-2	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	NAB-3	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	NAB-4	0.00057	0.000095	0.002	n/a	No	4	0.000...	0.0002375	75	None	No	0.0625	NP (normality)
Thallium (mg/l)	NAB-7	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	NAB-8	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	SP-7	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	SPRINGA	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	SPRINGB	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	TSP-3	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	MW-1R	0.004429	-0.003466	0.002	n/a	No	4	0.00108	0.001145	50	Cohen's	No	0.01	Param.
Thallium (mg/l)	NE-2	0.00027	0.000095	0.002	n/a	No	4	0.000...	0.0000875	75	None	No	0.0625	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium (mg/l)	NE-3	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	NE-6	0.00062	0.000095	0.002	n/a	No	4	0.000...	0.0002625	75	None	No	0.0625	NP (normality)
Thallium (mg/l)	SP-NE-3	0.001	0.000095	0.002	n/a	No	4	0.000...	0.0004525	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	SP-7	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	SPRINGA	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	SPRINGB	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	TSP-3	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-1R	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	NE-2	0.011	0.00009	0.086	n/a	No	4	0.003373	0.005112	75	None	No	0.0625	NP (Cohens/xform)
Vanadium (mg/l)	NE-3	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	NE-6	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	SP-NE-3	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-6	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-633D	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-689D	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-7	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	NAB-2	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	NAB-3	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	NAB-4	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	NAB-7	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	NAB-8	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-4	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	CAO-1	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	CAO-2	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	CAO-3	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-2	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-3	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-5	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-509D	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Vanadium (mg/l)	MW-577	0.01	0.00009	0.086	n/a	No	4	0.003122	0.004615	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	MW-4	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	CAO-1	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	CAO-2	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	CAO-3	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	MW-2	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	MW-3	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	MW-5	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	MW-509D	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	MW-577	0.00053	0.000105	0.006	n/a	No	4	0.000...	0.0002125	75	None	No	0.0625	NP (normality)
Antimony (mg/l)	MW-6	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	MW-633D	0.0006	0.000105	0.006	n/a	No	4	0.000...	0.0002475	75	None	No	0.0625	NP (normality)
Antimony (mg/l)	MW-689D	0.00052	0.000105	0.006	n/a	No	4	0.000...	0.0002075	75	None	No	0.0625	NP (normality)
Antimony (mg/l)	MW-7	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	NAB-2	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	NAB-3	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	NAB-4	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	NAB-7	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	NAB-8	0.001	0.000105	0.006	n/a	No	4	0.000...	0.0004475	100	None	No	0.0625	NP (NDs)
Antimony (mg/l)	SP-7	0.0031	0.000105	0.006	n/a	No	4	0.00097	0.001437	50	None	No	0.0625	NP (Cohens/xform)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/l)	SPRINGA	0.0028	0.000105	0.006	n/a	No	4	0.000925	0.00128	50	None	No	0.0625	NP (Cohens/xform)
Antimony (mg/l)	SPRINGB	0.0026	0.000105	0.006	n/a	No	4	0.00086	0.001186	50	None	No	0.0625	NP (Cohens/xform)
Antimony (mg/l)	TSP-3	0.0034	0.000105	0.006	n/a	No	4	0.001045	0.001585	50	None	No	0.0625	NP (Cohens/xform)
Antimony (mg/l)	MW-1R	0.00063	0.000105	0.006	n/a	No	4	0.000...	0.0002625	75	None	No	0.0625	NP (normality)
Antimony (mg/l)	NE-2	0.0035	0.000105	0.006	n/a	No	4	0.000...	0.001698	75	None	No	0.0625	NP (normality)
Antimony (mg/l)	NE-3	0.00073	0.000105	0.006	n/a	No	4	0.000...	0.0003125	75	None	No	0.0625	NP (normality)
Antimony (mg/l)	NE-6	0.0037	0.000105	0.006	n/a	No	4	0.001145	0.001724	50	None	No	0.0625	NP (Cohens/xform)
Antimony (mg/l)	SP-NE-3	0.0021	0.000105	0.006	n/a	No	4	0.000...	0.0009443	50	None	No	0.0625	NP (Cohens/xform)
Beryllium (mg/l)	SP-7	0.00016	0.00006	0.004	n/a	No	4	0.000085	0.00005	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	SPRINGA	0.00021	0.00006	0.004	n/a	No	4	0.000...	0.000075	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	SPRINGB	0.00016	0.00006	0.004	n/a	No	4	0.000085	0.00005	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	TSP-3	0.00016	0.00006	0.004	n/a	No	4	0.000085	0.00005	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	MW-1R	0.00016	0.00006	0.004	n/a	No	4	0.000085	0.00005	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	NE-2	0.0004	0.00006	0.004	n/a	No	4	0.000145	0.00017	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	NE-3	0.0002	0.00006	0.004	n/a	No	4	0.000095	0.00007	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	NE-6	0.00014	0.00006	0.004	n/a	No	4	0.00008	0.00004	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	SP-NE-3	0.00018	0.00006	0.004	n/a	No	4	0.00009	0.00006	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	MW-6	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	MW-633D	0.00017	0.00006	0.004	n/a	No	4	0.000...	0.000055	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	MW-689D	0.00019	0.00006	0.004	n/a	No	4	0.000...	0.000065	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	MW-7	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	NAB-2	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	NAB-3	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	NAB-4	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	NAB-7	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	NAB-8	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	MW-4	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	CAO-1	0.00019	0.00006	0.004	n/a	No	4	0.000...	0.000065	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	CAO-2	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	CAO-3	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	MW-2	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	MW-3	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	MW-5	0.001	0.00006	0.004	n/a	No	4	0.000295	0.00047	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	MW-509D	0.00017	0.00006	0.004	n/a	No	4	0.000...	0.000055	75	None	No	0.0625	NP (normality)
Beryllium (mg/l)	MW-577	0.00015	0.00006	0.004	n/a	No	4	0.000...	0.000045	75	None	No	0.0625	NP (normality)
Copper (mg/l)	MW-4	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	CAO-1	0.007183	-0.003153	1.3	n/a	No	4	0.002015	0.002276	75	None	No	0.01	Param.
Copper (mg/l)	CAO-2	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	CAO-3	0.0116	0.00026	1.3	n/a	No	4	0.003655	0.005401	75	None	No	0.0625	NP (Cohens/xform)
Copper (mg/l)	MW-2	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	MW-3	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	MW-5	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	MW-509D	0.00099	0.00026	1.3	n/a	No	4	0.000...	0.000365	75	None	No	0.0625	NP (normality)
Copper (mg/l)	MW-577	0.0011	0.00026	1.3	n/a	No	4	0.00047	0.00042	75	None	No	0.0625	NP (normality)
Copper (mg/l)	MW-6	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	MW-633D	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	MW-689D	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	MW-7	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	NAB-2	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/l)	NAB-3	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	NAB-4	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	NAB-7	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	NAB-8	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	SP-7	0.00066	0.00026	1.3	n/a	No	4	0.00036	0.0002	75	None	No	0.0625	NP (normality)
Copper (mg/l)	SPRINGA	0.0011	0.00026	1.3	n/a	No	4	0.00047	0.00042	75	None	No	0.0625	NP (normality)
Copper (mg/l)	SPRINGB	0.0015	0.00026	1.3	n/a	No	4	0.00057	0.00062	75	None	No	0.0625	NP (normality)
Copper (mg/l)	TSP-3	0.00088	0.00026	1.3	n/a	No	4	0.000415	0.00031	75	None	No	0.0625	NP (normality)
Copper (mg/l)	MW-1R	0.0017	0.00026	1.3	n/a	No	4	0.00062	0.00072	75	None	No	0.0625	NP (normality)
Copper (mg/l)	NE-2	0.0088	0.00026	1.3	n/a	No	4	0.002395	0.00427	75	None	No	0.0625	NP (normality)
Copper (mg/l)	NE-3	0.00066	0.00026	1.3	n/a	No	4	0.00036	0.0002	75	None	No	0.0625	NP (normality)
Copper (mg/l)	NE-6	0.0025	0.00026	1.3	n/a	No	4	0.00082	0.00112	100	None	No	0.0625	NP (NDs)
Copper (mg/l)	SP-NE-3	0.00057	0.00026	1.3	n/a	No	4	0.000...	0.000155	75	None	No	0.0625	NP (normality)
Lead (mg/l)	SP-7	0.008233	-0.005157	0.015	n/a	No	4	0.001992	0.002376	25	Cohen's	No	0.01	Param.
Lead (mg/l)	SPRINGA	0.0098	0.00012	0.015	n/a	No	4	0.00286	0.004666	50	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	SPRINGB	0.0063	0.00012	0.015	n/a	No	4	0.001725	0.003052	50	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	TSP-3	0.0066	0.00012	0.015	n/a	No	4	0.001822	0.003189	50	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	MW-1R	0.01445	-0.01411	0.015	n/a	No	4	0.002635	0.003671	50	Cohen's	No	0.01	Param.
Lead (mg/l)	NE-2	0.02613	-0.01415	0.015	n/a	No	4	0.0073	0.007215	25	Cohen's	No	0.01	Param.
Lead (mg/l)	NE-3	0.01043	-0.006109	0.015	n/a	No	4	0.002705	0.002947	25	Cohen's	No	0.01	Param.
Lead (mg/l)	NE-6	0.007	0.00012	0.015	n/a	No	4	0.001882	0.003413	50	None	No	0.0625	NP (normality)
Lead (mg/l)	SP-NE-3	0.006589	-0.0004538	0.015	n/a	No	4	0.003068	0.001551	0	None	No	0.01	Param.
Lead (mg/l)	MW-6	0.0098	0.00012	0.015	n/a	No	4	0.00276	0.004712	75	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	MW-633D	0.005443	-0.001048	0.015	n/a	No	4	0.000...	0.0008665	50	Cohen's	No	0.01	Param.
Lead (mg/l)	MW-689D	0.01011	-0.006138	0.015	n/a	No	4	0.00253	0.002886	25	Cohen's	No	0.01	Param.
Lead (mg/l)	MW-7	0.0085	0.00012	0.015	n/a	No	4	0.002435	0.004065	75	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	NAB-2	0.009702	-0.005778	0.015	n/a	No	4	0.002477	0.002756	25	Cohen's	No	0.01	Param.
Lead (mg/l)	NAB-3	0.006	0.00012	0.015	n/a	No	4	0.001697	0.002875	50	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	NAB-4	0.001286	-0.0004908	0.015	n/a	No	4	0.000...	0.0003913	75	None	No	0.01	Param.
Lead (mg/l)	NAB-7	0.00929	-0.006359	0.015	n/a	No	4	0.00224	0.002502	50	Cohen's	No	0.01	Param.
Lead (mg/l)	NAB-8	0.00099	0.00012	0.015	n/a	No	4	0.000545	0.000491	75	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	MW-4	0.0086	0.00012	0.015	n/a	No	4	0.00246	0.004114	75	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	CAO-1	0.01	0.00012	0.015	n/a	No	4	0.002662	0.004894	50	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	CAO-2	0.012	0.00012	0.015	n/a	No	4	0.003187	0.005878	50	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	CAO-3	0.0081	0.00012	0.015	n/a	No	4	0.002197	0.003938	50	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	MW-2	0.01835	-0.01742	0.015	n/a	No	4	0.00351	0.004661	50	Cohen's	No	0.01	Param.
Lead (mg/l)	MW-3	0.01	0.00012	0.015	n/a	No	4	0.00281	0.004811	75	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	MW-5	0.011	0.00012	0.015	n/a	No	4	0.00306	0.00531	75	None	No	0.0625	NP (Cohens/xform)
Lead (mg/l)	MW-509D	0.01109	-0.009762	0.015	n/a	No	4	0.00236	0.002828	50	Cohen's	No	0.01	Param.
Lead (mg/l)	MW-577	0.001297	-0.0004822	0.015	n/a	No	4	0.000...	0.0003919	75	None	No	0.01	Param.
Benzene (ug/l)	MW-4	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	CAO-1	4.183	0.4874	5	n/a	No	4	2.335	0.8138	0	None	No	0.01	Param.
Benzene (ug/l)	CAO-2	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	CAO-3	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-2	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-3	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-5	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-509D	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-577	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Benzene (ug/l)	MW-6	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-633D	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-689D	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-7	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	NAB-2	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	NAB-3	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	NAB-4	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	NAB-7	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	NAB-8	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	SP-7	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	SPRINGA	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	SPRINGB	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	TSP-3	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	MW-1R	1.3	0.165	5	n/a	No	4	0.9988	0.5568	25	None	No	0.0625	NP (Cohens/xform)
Benzene (ug/l)	NE-2	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	NE-3	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	NE-6	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	SP-NE-3	0.5	0.165	5	n/a	No	4	0.2489	0.1674	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	SP-7	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	SPRINGA	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	SPRINGB	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	TSP-3	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-1R	2.2	0.225	21000	n/a	No	4	0.7191	0.9873	75	None	No	0.0625	NP (normality)
Chloroethane (ug/l)	NE-2	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	NE-3	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	NE-6	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	SP-NE-3	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-633D	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-689D	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-6	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-7	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	NAB-2	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	NAB-3	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	NAB-4	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	NAB-7	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	NAB-8	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-4	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	CAO-1	1.3	0.225	21000	n/a	No	4	0.4941	0.5373	75	None	No	0.0625	NP (normality)
Chloroethane (ug/l)	CAO-2	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	CAO-3	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-2	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-3	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-5	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-509D	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	MW-577	2.5	0.225	21000	n/a	No	4	0.7941	1.137	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-4	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	CAO-1	2.2	1.6	2	n/a	No	4	2.043	0.2953	0	None	No	0.0625	NP (normality)
Vinyl chloride (ug/l)	CAO-2	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	CAO-3	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vinyl chloride (ug/l)	MW-2	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-3	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-5	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-509D	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-577	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-6	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-633D	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-689D	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-7	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	NAB-2	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	NAB-3	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	NAB-4	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	NAB-7	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	NAB-8	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	SP-7	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	SPRINGA	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	SPRINGB	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	TSP-3	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	MW-1R	4.552	1.398	2	n/a	No	4	2.975	0.6946	0	None	No	0.01	Param.
Vinyl chloride (ug/l)	NE-2	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	NE-3	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	NE-6	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	SP-NE-3	0.5	0.1295	2	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	SP-7	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	SPRINGA	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	SPRINGB	0.36	0.1295	2.7	n/a	No	4	0.1874	0.1151	75	None	No	0.0625	NP (normality)
1,1-Dichloroethane (ug/l)	TSP-3	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-1R	15	12	2.7	n/a	Yes	4	13.53	1.704	0	None	No	0.0625	NP (normality)
1,1-Dichloroethane (ug/l)	NE-2	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NE-3	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NE-6	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	SP-NE-3	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-6	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-633D	2.925	-0.6159	2.7	n/a	No	4	1.22	0.7452	25	Cohen`s	No	0.01	Param.
1,1-Dichloroethane (ug/l)	MW-689D	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	Cohen`s	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-7	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	Cohen`s	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-2	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	Cohen`s	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-3	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	Cohen`s	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-4	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	Cohen`s	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-7	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	Cohen`s	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-8	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	Cohen`s	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-4	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	CAO-1	4.56	1.165	2.7	n/a	No	4	2.863	0.7476	0	None	No	0.01	Param.
1,1-Dichloroethane (ug/l)	CAO-2	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	CAO-3	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-2	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-3	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-5	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-509D	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
1,1-Dichloroethane (ug/l)	MW-577	0.5	0.1295	2.7	n/a	No	4	0.2224	0.1851	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-4	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	CAO-1	1.1	0.13	70	n/a	No	4	0.59	0.5327	50	None	No	0.0625	NP (Cohens/xform)
cis-1,2-Dichloroethene (ug/l)	CAO-2	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	CAO-3	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-2	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-3	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-5	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-509D	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-577	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	SP-7	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	SPRINGA	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	SPRINGB	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	TSP-3	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-1R	11.48	5.76	70	n/a	No	4	8.62	1.26	0	None	No	0.01	Param.
cis-1,2-Dichloroethene (ug/l)	NE-2	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NE-3	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NE-6	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	SP-NE-3	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-6	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-633D	0.44	0.13	70	n/a	No	4	0.2075	0.155	75	None	No	0.0625	NP (normality)
cis-1,2-Dichloroethene (ug/l)	MW-689D	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-7	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-2	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-3	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-4	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-7	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-8	0.5	0.13	70	n/a	No	4	0.2225	0.185	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-6	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-633D	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-689D	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-7	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	NAB-2	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	NAB-3	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	NAB-4	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	NAB-7	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	NAB-8	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	SP-7	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	SPRINGA	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	SPRINGB	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	TSP-3	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-1R	0.68	0.185	5	n/a	No	4	0.309	0.2473	75	None	No	0.0625	NP (normality)
Tetrachloroethene (ug/l)	NE-2	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	NE-3	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	NE-6	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	SP-NE-3	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-4	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	CAO-1	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	CAO-2	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Tetrachloroethene (ug/l)	CAO-3	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-2	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-3	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-5	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-509D	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	MW-577	0.5	0.185	5	n/a	No	4	0.264	0.1573	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-4	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	CAO-1	0.6	0.135	75	n/a	No	4	0.2518	0.2322	75	None	No	0.0625	NP (normality)
1,4-Dichlorobenzene (ug/l)	CAO-2	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	CAO-3	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-2	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-3	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-5	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-509D	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-577	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-6	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-633D	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-689D	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-7	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-2	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-3	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-4	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-7	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-8	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	SP-7	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	SPRINGA	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	SPRINGB	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	TSP-3	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	None	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-1R	3.867	-2.866	75	n/a	No	4	0.985	1	50	Cohen's	No	0.01	Param.
1,4-Dichlorobenzene (ug/l)	NE-2	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	Cohen's	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NE-3	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	Cohen's	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NE-6	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	Cohen's	No	0.0625	NP (NDs)
1,4-Dichlorobenzene (ug/l)	SP-NE-3	0.5	0.135	75	n/a	No	4	0.2268	0.1822	100	Cohen's	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	SP-7	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	SPRINGA	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	SPRINGB	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	TSP-3	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-1R	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	NE-2	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	NE-3	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	NE-6	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	SP-NE-3	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-6	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-633D	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-689D	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-7	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	NAB-2	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	NAB-3	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	NAB-4	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Methylene Chloride (ug/l)	NAB-7	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	NAB-8	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-4	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	CAO-1	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	CAO-2	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	CAO-3	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-2	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-3	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-5	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-509D	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	MW-577	2.5	0.5	5	n/a	No	4	1	1	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-4	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	CAO-1	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	CAO-2	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	CAO-3	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-2	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-3	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-5	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-509D	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-577	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-6	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-633D	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-689D	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-7	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NAB-2	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NAB-3	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NAB-4	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NAB-7	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NAB-8	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	SP-7	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	SPRINGA	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	SPRINGB	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	TSP-3	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	MW-1R	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NE-2	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NE-3	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	NE-6	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	SP-NE-3	2.5	0.39	1000	n/a	No	4	0.9175	1.055	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	SP-7	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	SPRINGA	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	SPRINGB	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	TSP-3	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-1R	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NE-2	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NE-3	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NE-6	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	SP-NE-3	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-4	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	CAO-1	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
trans-1,2-Dichloroethene (ug/l)	CAO-2	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-6	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-633D	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-689D	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-7	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-2	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-3	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-4	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-7	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-8	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	CAO-3	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-2	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-3	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-5	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-509D	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-577	0.5	0.198	100	n/a	No	4	0.2745	0.1503	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-6	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-633D	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-689D	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-7	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NAB-2	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NAB-3	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NAB-4	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NAB-7	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NAB-8	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-4	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	CAO-1	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	CAO-2	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	CAO-3	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-2	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-3	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-5	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-509D	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-577	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	SP-7	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	SPRINGA	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	SPRINGB	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	TSP-3	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	MW-1R	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NE-2	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NE-3	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	NE-6	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	SP-NE-3	1.5	0.53	10000	n/a	No	4	0.7825	0.4784	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	SP-7	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	SPRINGA	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	SPRINGB	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	TSP-3	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-1R	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	NE-2	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Ethylbenzene (ug/l)	NE-3	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	NE-6	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	SP-NE-3	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-6	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-633D	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-689D	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-7	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	NAB-2	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	NAB-3	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	NAB-4	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	NAB-7	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	NAB-8	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-4	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	CAO-1	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	CAO-2	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	CAO-3	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-2	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-3	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-5	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-509D	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	MW-577	0.5	0.19	700	n/a	No	4	0.268	0.1547	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-4	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	CAO-1	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	CAO-2	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	CAO-3	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-2	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-3	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-5	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-509D	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-577	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-6	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-633D	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-689D	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-7	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NAB-2	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NAB-3	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NAB-4	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NAB-7	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NAB-8	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	SP-7	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	SPRINGA	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	SPRINGB	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	TSP-3	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	MW-1R	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NE-2	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NE-3	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	NE-6	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	SP-NE-3	0.5	0.1375	810	n/a	No	4	0.2294	0.1804	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	SP-7	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chlorobenzene (ug/l)	SPRINGA	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	SPRINGB	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	TSP-3	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-1R	1.824	-0.9304	100	n/a	No	4	0.585	0.4785	50	Cohen's	No	0.01	Param.
Chlorobenzene (ug/l)	NE-2	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	Cohen's	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	NE-3	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	Cohen's	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	NE-6	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	Cohen's	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	SP-NE-3	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	Cohen's	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-6	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-633D	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-689D	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-7	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	NAB-2	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	NAB-3	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	NAB-4	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	NAB-7	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	NAB-8	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-4	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	CAO-1	0.44	0.174	100	n/a	No	4	0.241	0.1327	75	None	No	0.0625	NP (normality)
Chlorobenzene (ug/l)	CAO-2	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	CAO-3	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-2	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-3	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-5	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-509D	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	MW-577	0.5	0.174	100	n/a	No	4	0.256	0.1627	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-4	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	CAO-1	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	CAO-2	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	CAO-3	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-2	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-3	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-5	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-509D	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-577	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-6	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-633D	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-689D	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-7	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	NAB-2	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	NAB-3	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	NAB-4	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	NAB-7	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	NAB-8	0.009372	-0.003722	200	n/a	No	4	0.002825	0.002884	75	None	No	0.01	Param.
Cyanide (mg/l)	SP-7	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	SPRINGA	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	SPRINGB	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	TSP-3	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	MW-1R	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Cyanide (mg/l)	NE-2	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	NE-3	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	NE-6	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Cyanide (mg/l)	SP-NE-3	0.0025	0.0009	200	n/a	No	4	0.0013	0.0008	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	SP-7	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	SPRINGA	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	SPRINGB	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	TSP-3	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-1R	0.002423	-0.0005125	200	n/a	No	4	0.000...	0.0006465	0	None	No	0.01	Param.
Mercury (mg/l)	NE-2	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NE-3	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NE-6	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	SP-NE-3	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-6	0.00009	0.0000245	200	n/a	No	4	0.000...	0.0000...	75	None	No	0.0625	NP (normality)
Mercury (mg/l)	MW-633D	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-689D	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-7	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NAB-2	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NAB-3	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NAB-4	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NAB-7	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NAB-8	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-4	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	CAO-1	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	CAO-2	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	CAO-3	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-2	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-3	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-5	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-509D	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	MW-577	0.0001	0.0000245	200	n/a	No	4	0.000...	0.0000...	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-4	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	CAO-1	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	CAO-2	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	CAO-3	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-2	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-3	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-5	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-509D	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-577	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-6	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-633D	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-689D	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-7	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	NAB-2	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	NAB-3	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	NAB-4	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	NAB-7	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	NAB-8	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat file database 9-2015 Printed 10/26/2015, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Lower Compl.</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Trichloroethene (ug/l)	SP-7	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	SPRINGA	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	SPRINGB	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	TSP-3	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	MW-1R	2.345	-0.2484	5	n/a	No	4	1.07	0.5952	25	Cohen`s	No	0.01	Param.
Trichloroethene (ug/l)	NE-2	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	Cohen`s	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	NE-3	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	Cohen`s	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	NE-6	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	Cohen`s	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	SP-NE-3	0.5	0.199	5	n/a	No	4	0.2748	0.1502	100	Cohen`s	No	0.0625	NP (NDs)



September 22, 2015

Mr. Bill Sadler, P.G.
Solid Waste Division
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

Re: **Third Quarter 2015 Explosive Gas Monitoring**
NABORS - Class I Landfill
AFIN: 03-0051 Permit No. 0249-S1-R2, 0249-S4

Dear Mr. Sadler:

Chimney Rock Consulting (CRC) is pleased to present you with the results of the Third Quarter 2015 Explosive Gas Monitoring at the NABORS – Class I Landfill (Landfill). The Third Quarter Explosive Gas Monitoring Event was conducted on September 19, 2015 and consisted of monitoring the site perimeter Explosive Gas Monitoring probes GP-1 through GP-13, GP-14R, GP-15, GP-16R, GP-17, and GP-18R. In addition to these perimeter probes, the landfill office and scale house were monitored for Explosive Gas. It should be noted that GP-5, located on the southern boundary of the property, had methane readings above 100% LEL during the Third Quarter 2015 event.

Three (3) interior gas probes (GP-14, GP-16, and GP-18) which are not point of compliance probes were monitored for information purposes. Probe readings indicated methane was above 100% LEL at GP-14, GP-16, and GP-18.

As previously stated GP-14, GP-16, and GP-18 are interior gas probes and not point of compliance probes. GP-14R and GP-16R which are located along the property boundary to the north-northwest of GP-14 and GP-16 and GP-18R which is located along the property boundary to the west of GP-18 reported low levels of methane during the Third Quarter 2015 event.

The next required Quarterly Explosive Gas monitoring event for the Landfill is scheduled for December 2015. Please contact us if we can be of further service or if you have any questions concerning this report.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Vaughn', on a light pink rectangular background.

Kiefer Vaughn
Staff Geologist

A handwritten signature in blue ink, appearing to read 'Dan McCullough', on a light blue rectangular background.

Dan McCullough
Senior Hydrogeologist/President

*Attachments: Third Quarter 2015 Gas Monitoring Form
Explosive Gas Probe Location Map*

NABORS Landfill

QUARTERLY GAS MONITORING FORM

EVENT: Third Quarter 2015 **DATE:** 9/14/2015

WEATHER CONDITIONS: Sunny, 5 mph wind, **TEMP:** 78°F
Pressure 30.09 in

SAMPLE POINT	TIME	% CH4	METHANE (%LEL)	% O2
GP-1	1221	0.0	0.0	20.6
GP-2	1228	0.0	0.0	19.4
GP-3	1230	0.1	2.0	11.3
GP-4	1236	0.0	0.0	15.5
GP-5	1240	47.4	>100	0.0
GP-6	1245	0.1	2.0	12.3
GP-7	1250	0.0	0.0	14.9
GP-8	1255	0.1	2.0	9.4
GP-9	1300	0.1	2.0	17.2
GP-10	1313	0.1	2.0	16.1
GP-11	1323	0.1	2.0	15.4
GP-12	1330	0.1	2.0	20.5
GP-13	1334	0.1	2.0	0.0
GP-14	1346	42.7	>100	0.5
GP-15	1352	0.1	2.0	8.8
GP-16	1406	31.7	>100	0.0
GP-17	1444	0.1	2.0	9.1
GP-18	1428	15.9	>100	4.0
GP-14R	1341	0.1	2.0	7.4
GP-16R	1356	0.1	2.0	19.9
GP-18R	1415	0.3	6.0	3.8
Scale House	1320	0.1	2.0	20.8
Office	1305	0.1	2.0	20.6
Office 2 nd Room	1308	0.1	2.0	20.6
Office Closet	1310	0.1	2.0	20.6

Notes: GP-6 has risen up-lid.