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To: Taylor, Dianna
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Subject: NABORS: GW and Gas Monitoring Reports

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Permit: 0249-S1-R2 and 0249-S4

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Thanks,
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9/29/15

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SCS AQUATERRA

September 28, 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**
Second Quarter Groundwater Monitoring Report

Mr. Sadler,

In accordance with Contract Number 4600033394, SCS Aquaterra is submitting the Second Quarter Groundwater Monitoring Report summarizing monitoring activities performed in June 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: Second Quarter 2015 Groundwater Monitoring Report

SECOND 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
August 18, 2015

Prepared by:

CHIMNEY ROCK CONSULTING

7529 Counts Massie Road ▪ North Little Rock, Arkansas 72113

NABORS CLASS 1 LANDFILL

SECOND 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$_{TM}$ 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. Date
Senior Hydrogeologist #1802

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1.0 INTRODUCTION

This report summarizes the results of the Second Quarter 2015 Groundwater Assessment Monitoring event at the NABORS Landfill. Field work was conducted by personnel from Chimney Rock Consulting, LLC (CRC) on June 8 - 10, 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 Second 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.**

NABORS GROUNDWATER ASSESSMENT MONITORING POINTS

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	

2.0 GROUNDWATER SAMPLING

The Second Quarter 2015 Assessment Monitoring sampling event was conducted on June 8-10, 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 utilize 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)

APPENDIX 1 VOLATILES	INORGANICS
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	**INDICATOR PARAMETERS**
METHYLENE BROMIDE	CHLORIDE
METHYLENE CHLORIDE	pH
METHYL ETHYL KETONE	SULFATE
METHYL IODIDE	TDS
4- METHYL-2-PENTANONE	TOC
STYRENE	SPECIFIC CONDUCTANCE
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	

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 Second Quarter 2015 Assessment Monitoring sampling event is presented in **TABLE 2**.

TABLE 2
SECOND 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	6/8/15	1710	1067.57	69.13	998.44	6.40	18.9	10.7	1555
MW-2	6/8/15	1503	1001.21	34.19	931.72	7.76	18.3	4.06	590
MW-3	6/9/15	1204	994.48	26.52	967.96	6.66	16.1	3.18	634
MW-4	6/9/15	1318	1012.11	86.45	925.66	7.42	17.4	9.70	651
MW-5	6/9/15	1349	1004.38	76.65	927.73	7.28	16.1	8.63	729
MW-6	6/9/15	1430	1000.38	54.60	945.78	7.27	15.6	3.26	774
MW-7	6/9/15	1538	999.66	8.11	991.55	7.33	15.5	1.36	541
CAO-1	6/10/15	0705	1026.40	26.01	1000.39	6.26	16.2	3.97	1033
CAO-2	6/9/15	1140	998.80	23.08	975.72	6.93	15.7	5.10	829
CAO-3	6/9/15	1114	984.20	8.58	975.62	7.21	16.1	3.68	524
NAB-1	DNS*	DNS*	1012.26	DNS*	DNS*	DNS*	DNS*	DNS*	DNS*
NAB-2	6/9/15	0938	993.98	76.71	917.27	7.19	17.1	9.90	721
NAB-3	6/9/15	0800	921.49	25.28	896.21	7.32	15.1	8.70	673
NAB-4	6/9/15	1014	1004.20	106.93	897.27	7.07	16.6	10.2	733
NAB-7	6/9/15	1610	1012.36	22.05	990.31	7.27	14.7	2.28	658
***NAB-8**	6/9/15	0630	1039.21	79.42	959.79	7.92	16.4	38.8	674
MW-509D	6/9/15	0910	1014.20	18.24	995.96	7.12	15.2	8.42	612
MW-577	6/9/15	0828	982.60	42.30	940.30	7.23	16.1	636	710
MW-689D	6/8/15	1558	966.20	25.18	941.02	7.27	16.2	8.30	659
MW-633D	6/8/15	1413	1050.10	63.04	987.06	7.14	18.8	9.86	742
NE-2	6/8/15	1618	976.98	60.08	916.90	6.99	20.7	10.8	3030
NE-3	6/10/15	0630	846.91	7.53	839.38	7.69	16.0	87.6	643
NE-6	6/9/15	1235	901.42	6.85	894.57	7.26	14.9	1.91	662

***DNS = Did Not Sample** **Note: NAB-8 went dry during purging (at approx. 2 gallons)**

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:

- *Project or facility name*
- *Sample type*
- *Sample location number (well number)*
- *Preservation type*
- *Sampling date and time*
- *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 SECOND QUARTER 2015 ASSESSMENT MONITORING EVENT

The sampling results summarized in this report are for the Second Quarter 2015 Assessment Monitoring Event. The results for this event, conducted on June 8-10, 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-1, 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 Second 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 Second 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 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-1, 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 Second Quarter 2015 Assessment Monitoring event was calculated utilizing the following equation:

$$V_x = (K*i) / n_e$$

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 70.71 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 81.17 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 $1.0x10^{-3}$ 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:

$$V_x = [(1.0x10^{-3} \text{ cm/sec})(0.049)]/(0.09) = 5.44x10^{-4} \text{ cm/sec or } 1.5 \text{ ft/day}$$

Area 1-3:

$$V_x = [(1.0x10^{-3} \text{ cm/sec})(0.12)]/(0.09) = 1.3x10^{-3} \text{ cm/sec or } 3.7 \text{ ft/day}$$

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 Second 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 Second 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 Second 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	TDS, cobalt, nickel, sulfate, manganese, and zinc	barium, chloride, and iron
CAO-2	zinc	---
CAO-3	arsenic	---
MW-2	arsenic	pH
MW-3	chloride and sulfate	zinc and TDS
MW-4	---	zinc, chloride, and TDS
MW-5	chloride	sulfate and TDS
MW-6	---	zinc and sulfate
MW-7	barium and chloride	---
MW-509D	pH	chloride and sulfate
MW-577	sulfate	---
MW-689D	pH	chloride
MW-633D	pH	---
NAB-2	sulfate	chloride
NAB-3	pH	zinc, sulfate, barium, manganese, and chloride
NAB-4	pH	barium and zinc
NAB-6	pH	---
NAB-7	pH	zinc, barium, and sulfate

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.

SECOND QUARTER 2015 GWPS EXCEEDANCES

MONITORING POINT	AMC CONSTITUENT
CAO-1	Arsenic, 1,1-Dichloroethane, Vinyl Chloride, and Cobalt
NAB-2	Arsenic
MW-1R	1,1-Dichloroethane, Vinyl Chloride, and Cobalt

The results of the Second Quarter 2015 Sampling Event indicate that AMC constituent concentrations statistically exceed the GWPS at sample points CAO-1, NAB-2, and MW-1R

The results of the confidence interval evaluation associated with the Second 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 Second 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 MW-1R (see **TABLE 4**) during the Second Quarter 2015 Assessment Monitoring event. Arsenic also exceeded its MCL in the spring sample labeled Class 1 Draw.

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, cis-1,2-dichloroethene, benzene, and vinyl chloride
- **CAO-1** - 1,1-dichloroethane, cis-1,2-dichloroethene, benzene, and vinyl chloride
- **MW-633D** - cis-1,2-dichloroethene

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 Second 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. The field, trip and equipment blanks showed no VOC detections during the Second 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)	Tl (mg/L)	V (mg/L)	Cyanide (mg/L)
MW-1R	**0.51**	0.083	<0.002	<0.010	20	0.002	<0.020	<0.005
MW-2	0.0047 J	<0.02	<0.002	<0.010	17	<0.002	0.0054 J	<0.005
MW-3	**0.920**	0.024	<0.002	<0.010	4.4 J	<0.002	0.0042 J	<0.005
MW-4	0.0025 J	<0.02	<0.002	<0.010	16	<0.002	<0.020	<0.005
MW-5	0.0027 J	<0.02	<0.002	<0.010	8.7	<0.002	0.0032 J	<0.005
MW-6	<0.010	<0.02	<0.002	<0.010	8.8	<0.002	<0.020	<0.005
Dupe (MW-6)	<0.010	<0.020	<0.002	<0.010	8.4	<0.002	0.0042 J	<0.005
MW-7	0.022	<0.020	<0.002	<0.010	7.2	<0.002	<0.020	<0.005
CAO-1	**3.4**	0.049	<0.002	<0.010	<5	<0.002	0.0032 J	<0.005
CAO-2	**0.12**	0.011 J	<0.002	<0.010	3.6 J	0.00023 J	0.0041 J	<0.005
CAO-3	0.0048 J	<0.02	<0.002	<0.010	8.6	<0.002	<0.020	<0.005
NAB-1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	<0.005
NAB-2	0.017	0.0049 J	<0.002	<0.010	18	<0.002	<0.020	<0.005
NAB-3	0.0081 J	<0.020	<0.002	<0.010	12	<0.002	<0.020	<0.005
NAB-4	0.0091 J	0.016 J	<0.002	<0.010	46	0.0007 J	<0.020	<0.005
NAB-7	0.0071 J	0.0078 J	<0.002	<0.010	24	<0.002	0.0037 J	<0.005
NAB-8	0.0053 J	<0.020	<0.002	<0.010	10	<0.002	<0.020	<0.005
MW-509D	0.0075 J	<0.020	<0.002	<0.010	13	<0.002	0.0025 J	<0.005
MW-633D	0.025	0.0054 J	<0.002	<0.010	12	<0.002	0.0036 J	<0.005
MW-577	0.0056 J	<0.020	<0.002	<0.010	26	<0.002	0.0033 J	0.0018 J
MW-689D	0.0071 J	<0.020	0.00041 J	<0.010	14	<0.002	<0.020	<0.005
NE-2	**0.069**	0.030	0.00046 J	<0.010	**1500**	<0.002	<0.020	<0.005
NE-3	**0.096**	0.0069 J	<0.002	<0.010	16	<0.002	<0.020	<0.005
NE-6	0.0061 J	<0.020	<0.002	<0.010	32	<0.002	<0.020	<0.005
Spring A	0.019	<0.020	<0.002	<0.010	19	<0.002	<0.020	0.0022 J
Spring B	**0.820**	0.0088 J	<0.002	<0.010	4.3 J	<0.002	0.0072 J	<0.005
TSP-3	**0.32**	<0.020	<0.002	<0.010	1.6 J	<0.002	<0.020	<0.005
TSP-4	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
SP-NE-3	**0.099**	<0.020	<0.002	<0.010	7.9	<0.002	<0.020	<0.005
Class I Draw Sp	**2.6**	0.0054 J	<0.002	<0.010	1.4 J	<0.002	<0.020	0.002 J
Class IV Draw Sp	**0.67**	<0.020	<0.002	<0.010	49	<0.002	0.003 J	<0.005
SP-7	**0.46**	<0.020	<0.002	<0.010	7.2	<0.002	0.0038 J	<0.005
Landfill Ent Seep	**0.23**	<0.020	<0.002	<0.010	8.2	<0.002	<0.020	<0.005
Field Blank	0.0013 J	<0.020	<0.002	<0.010	<5	<0.002	0.0057 J	<0.005
LEACHATE	**1.1**	0.042	0.00057 J	<0.010	0.7 J	<0.002	0.0057 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	**0.048**	0.19	<0.002	0.00031 J	110	<0.010	0.087	0.00083
MW-2	<0.002	0.0046	0.029	<0.002	0.00018 J	5.4	<0.010	<0.010	<0.00020
MW-3	0.00081 J	0.0025	0.063	<0.002	0.0028	5.4	<0.010	0.0027 J	<0.00020
MW-4	<0.002	0.00068 J	0.037	<0.002	0.0010	7.0	0.0015 J	<0.010	<0.00020
MW-5	<0.002	0.00066 J	0.034	<0.002	0.00017 J	5.7	<0.010	<0.010	<0.00020
MW-6	0.00054 J	0.00064 J	0.047	<0.002	0.00059 J	16	<0.010	<0.010	0.000068 J
Dupe (MW-6)	0.0012 J	0.00051 J	0.048	<0.002	0.00042 J	22	<0.010	<0.010	0.000094 J
MW-7	<0.002	<0.002	0.037	<0.002	0.00022 J	2.4	<0.010	<0.010	<0.00020
CAO-1	<0.002	**0.054**	0.290	<0.002	<0.001	12	<0.010	0.036	<0.00020
CAO-2	<0.002	0.0025	0.086	<0.002	0.00027 J	64	<0.010	<0.010	0.000099 J
CAO-3	<0.002	0.001 J	0.045	<0.002	0.00057 J	12	0.0024 J	<0.010	<0.00020
NAB-1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
NAB-2	<0.002	0.0051	0.048	<0.002	<0.001	4.7	0.0020 J	<0.010	<0.00020
NAB-3	<0.002	0.00081 J	0.038	<0.002	0.00018 J	4.9	0.0026 J	<0.010	<0.00020
NAB-4	0.00025 J	0.0027	0.050	<0.002	0.0016	3.7	<0.010	<0.010	<0.00020
NAB-7	<0.002	0.0022	0.025	<0.002	<0.001	3.4	<0.010	<0.010	<0.00020
NAB-8	<0.002	0.0026	0.034	<0.002	<0.001	2.0	<0.010	<0.010	<0.00020
MW-509D	0.00046 J	0.00063 J	0.031	<0.002	0.0038	5.5	0.0022 J	<0.010	<0.00020
MW-633D	<0.002	0.0014 J	0.040	<0.002	0.0018	9.6	0.0080 J	<0.010	<0.00020
MW-577	<0.002	0.0014 J	0.023	<0.002	<0.001	2.2	<0.010	<0.010	<0.00020
MW-689D	<0.002	0.00099 J	0.030	<0.002	<0.001	2.4	0.0019 J	<0.010	<0.00020
NE-2	0.0013 J	0.0069	0.018	<0.002	<0.001	36	0.0023 J	0.0076 J	<0.00020
NE-3	<0.002	0.0034	0.18	<0.002	0.00044 J	6.3	0.0031 J	0.0038 J	<0.00020
NE-6	0.0037	0.00085 J	0.032	<0.002	0.00040 J	2.3	<0.010	<0.010	<0.00020
Spring A	0.0028	0.00056 J	0.049	<0.002	0.00040 J	3.6	<0.010	<0.010	<0.00020
Spring B	0.0026	0.0015 J	0.15	<0.002	0.00037 J	110	<0.010	0.0034 J	<0.00020
TSP-3	0.0034	0.00060 J	0.11	<0.002	0.00044 J	11	<0.010	<0.010	<0.00020
TSP-4	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
SP-NE-3	0.0021	0.00098 J	0.047	<0.002	0.00066 J	7.6	<0.010	<0.010	<0.00020
Class I Draw Sp	0.0020	**0.037**	0.17	<0.002	0.0010	25	0.0018 J	0.0054 J	<0.00020
Class IV Draw Sp	0.0019 J	0.0014 J	0.096	<0.002	0.0019	13	<0.010	<0.010	<0.00020
SP-7	0.0031	0.0026	0.067	<0.002	<0.001	15	<0.010	<0.010	<0.00020
Landfill Ent Seep	0.0022	0.0026	0.061	<0.002	<0.001	14	<0.010	<0.010	<0.00020
Field Blank	0.0012 J	<0.002	<0.005	<0.002	<0.001	6.6	<0.010	<0.010	<0.00020
LEACHATE	0.0016 J	**0.027**	**2.3**	<0.002	<0.001	**610**	0.0039 J	0.0066 J	<0.00020
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	0.0017 J	**15**	0.0015 J	1.3	**980**	<0.002	17	**6.40**
MW-2	0.00079 J	0.019 J	<0.002	<0.025	370	<0.002	4.9	7.76
MW-3	0.0012 J	**1.4**	0.00068	0.12	**530**	<0.002	2.1	6.66
MW-4	0.00055 J	0.098 J	0.00047 J	0.09	420	<0.002	51	7.42
MW-5	<0.005	0.071 J	<0.002	0.026	450	<0.002	0.37 J	7.28
MW-6	<0.005	0.025 J	0.0098	0.037	460	<0.002	0.970 J	7.27
Dupe (MW-6)	0.00079 J	<0.1	<0.002	0.037	430	<0.002	3.6	7.27
MW-7	0.00067 J	0.033 J	<0.002	0.0034 J	330	<0.002	0.670	**6.26**
CAO-1	<0.005	**38**	<0.002	0.010 J	**790**	0.00076 J	18	**6.26**
CAO-2	0.00084 J	0.12	0.00053 J	0.0098 J	**550**	0.00040 J	5.0	6.93
CAO-3	0.00097 J	**0.92**	0.0011 J	0.031	350	<0.002	1.1	7.21
NAB-1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
NAB-2	0.00060 J	0.16	0.00090 J	0.045	450	<0.002	0.47	7.19
NAB-3	0.0011 J	0.14	0.00033 J	0.10	410	<0.002	0.95	7.32
NAB-4	0.0010 J	0.098 J	0.00068 J	0.930	490	<0.002	0.930	7.07
NAB-7	0.00059 J	0.160	0.0018 J	0.051	400	<0.002	4.4	7.27
NAB-8	<0.005	0.14	0.0043 J	0.005 J	370	0.0007 J	8.4	7.92
MW-509D	0.00061 J	0.24	0.00062 J	0.38	390	<0.002	3.8	7.12
MW-633D	0.0015 J	**0.48**	0.0018 J	0.27	460	<0.002	3.8	7.14
MW-577	0.0023 J	0.13	<0.002	<0.025	430	<0.002	3.3	7.23
MW-689D	<0.005	0.27	0.0010 J	0.0045 J	410	<0.002	2.9	7.27
NE-2	0.0038 J	**5.0**	<0.002	1.0	**2800**	<0.002	40	6.99
NE-3	0.0023 J	1.0	0.0031	0.097	360	0.00075 J	5.6	7.69
NE-6	<0.005	0.076 J	0.00055 J	0.63	430	0.00036 J	2.4	7.26
Spring A	<0.005	0.044 J	<0.002	0.035	360	0.00039 J	2.9	8.32
Spring B	0.00074 J	**0.53**	0.0016 J	0.044	**670**	<0.002	15	**8.65**
TSP-3	<0.005	0.016 J	<0.002	0.012 J	450	<0.002	6.2	8.10
TSP-4	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
SP-NE-3	0.0012 J	**1.2**	0.0034	0.076	350	<0.002	3.6	8.29
Class I Draw Sp	0.0027 J	**51**	0.0045	0.024 J	370	<0.002	9.9	8.33
Class IV Draw Sp	0.0010 J	**1.4**	0.0036	0.040	420	<0.002	9.7	**8.54**
SP-7	0.00094 J	**2.3**	0.0014 J	0.0067 J	290	<0.002	5.6	**8.58**
Landfill Ent Seep	0.0012 J	**0.87**	0.00091 J	0.0046 J	300	<0.002	7.5	**8.79**
Field Blank	<0.005	<0.1	<0.002	<0.025	<1	<0.002	<1	NA
LEACHATE	0.0016 J	**37**	0.00026 J	0.0072	**1900**	0.0066	73	7.07
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)	ClEthane (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	1.3	1.6 J	15	9.6	0.92 J	<1	<1	0.43 J	1.5	**3.6**	10 J
MW-2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
MW-3	<1	<5	0.66 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	3.2	1.4 J	3.0	1.0	0.80 J	0.93 J	<1	<1	<1	**2.2**	<50
CAO-2	<1	<5	0.53 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	1.4	0.33	<1	<1	<1	<1	<1	<1	<50
MW-689D	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50
NE-2	0.76 J	<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	0.72 J	<1	<1	<1	<50
Spring A	<1	<5	0.56 J	<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	0.59 J	0.37 J	<1	<1	<1	<1	<1	<1	0.57 J	<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 Second 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 Second 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. The average linear velocity in Area 1-2 is estimated at* $5.44x10^{-4}$ *cm/sec or 1.5 ft/day. The average linear velocity in Area 1-3 is estimated at* $1.3x10^{-3}$ *cm/sec or 3.7 ft/day.*

Analytical Results:

- *Monitoring well NE-2 went dry during purging (approximately 1 gallon) and was slow to recharge. Subsequently, the sample had a higher turbidity which likely affected the analytical results for several parameters. This well has historically shown poor yield and may need to be replaced.*

- *A QA/QC comparison for the Second 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. The field, trip and equipment blanks showed no VOC detections during the Second Quarter 2015 Assessment Monitoring event.*

- *Primary Drinking Water Standard MCL exceedances noted for well samples consisted of arsenic at MW-1R, CAO-1 and vinyl chloride at MW-1R (see* ***TABLE 4****) during the Second Quarter 2015 Assessment Monitoring event. Arsenic also exceeded its MCL in the spring sample labeled Class 1 Draw.*

- *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, cis-1,2-dichloroethene, benzene, and vinyl chloride*
  CAO-1 *- 1,1-dichloroethane, cis-1,2-dichloroethene, benzene, and vinyl chloride*
  MW-633D *- cis-1,2-dichloroethene*

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, 1,1-Dichloroethane, Vinyl Chloride, and Cobalt
NAB-2	Arsenic
MW-1R	1,1-Dichloroethane, Vinyl Chloride, and Cobalt

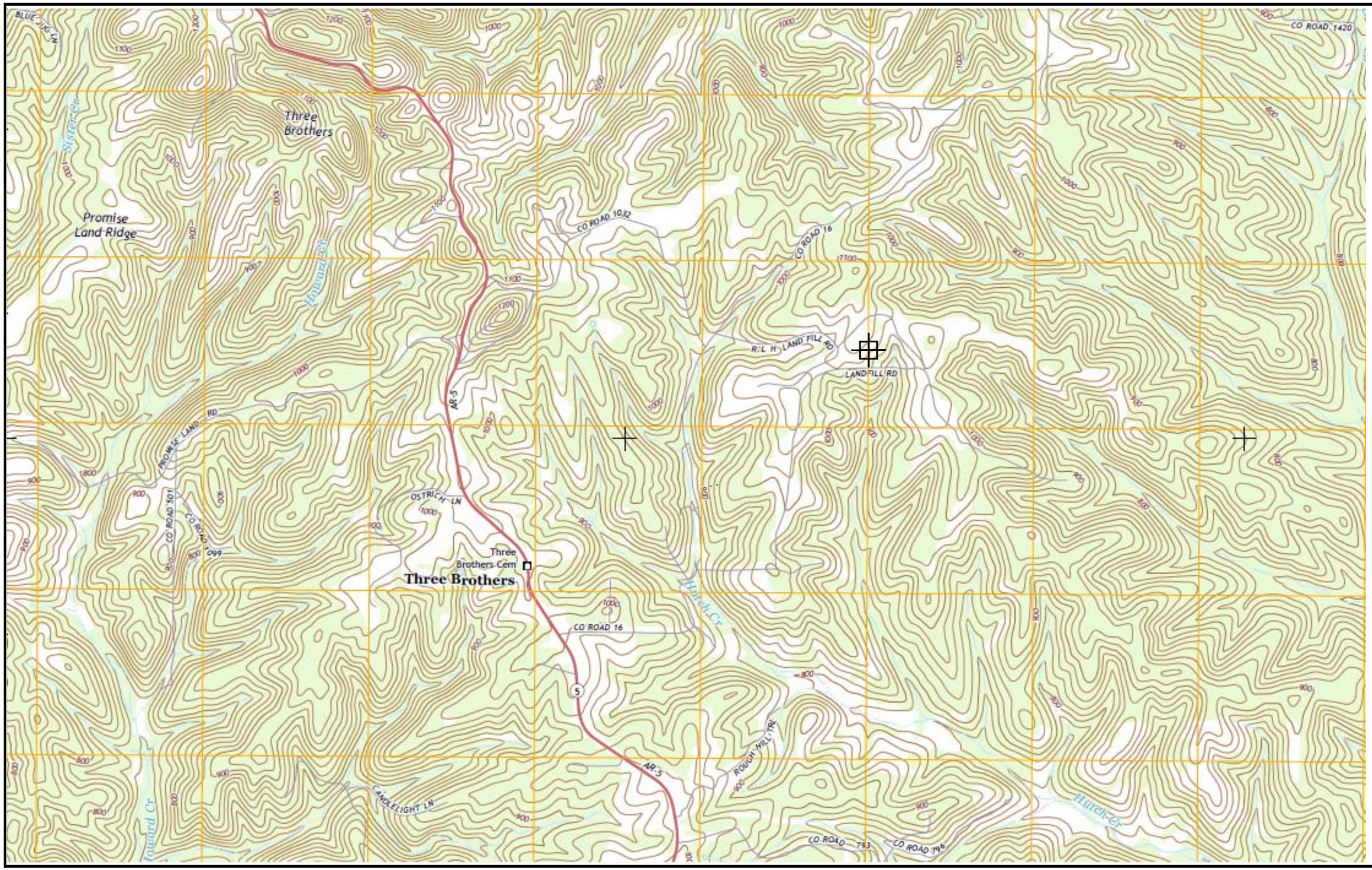
- *The results of the Second Quarter 2015 Sampling Event indicate that AMC constituent concentrations statistically exceed the GWPS at sample points CAO-1, NAB-2, and MW-1R*

- *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 September 2015.*

APPENDIX A

FIGURES



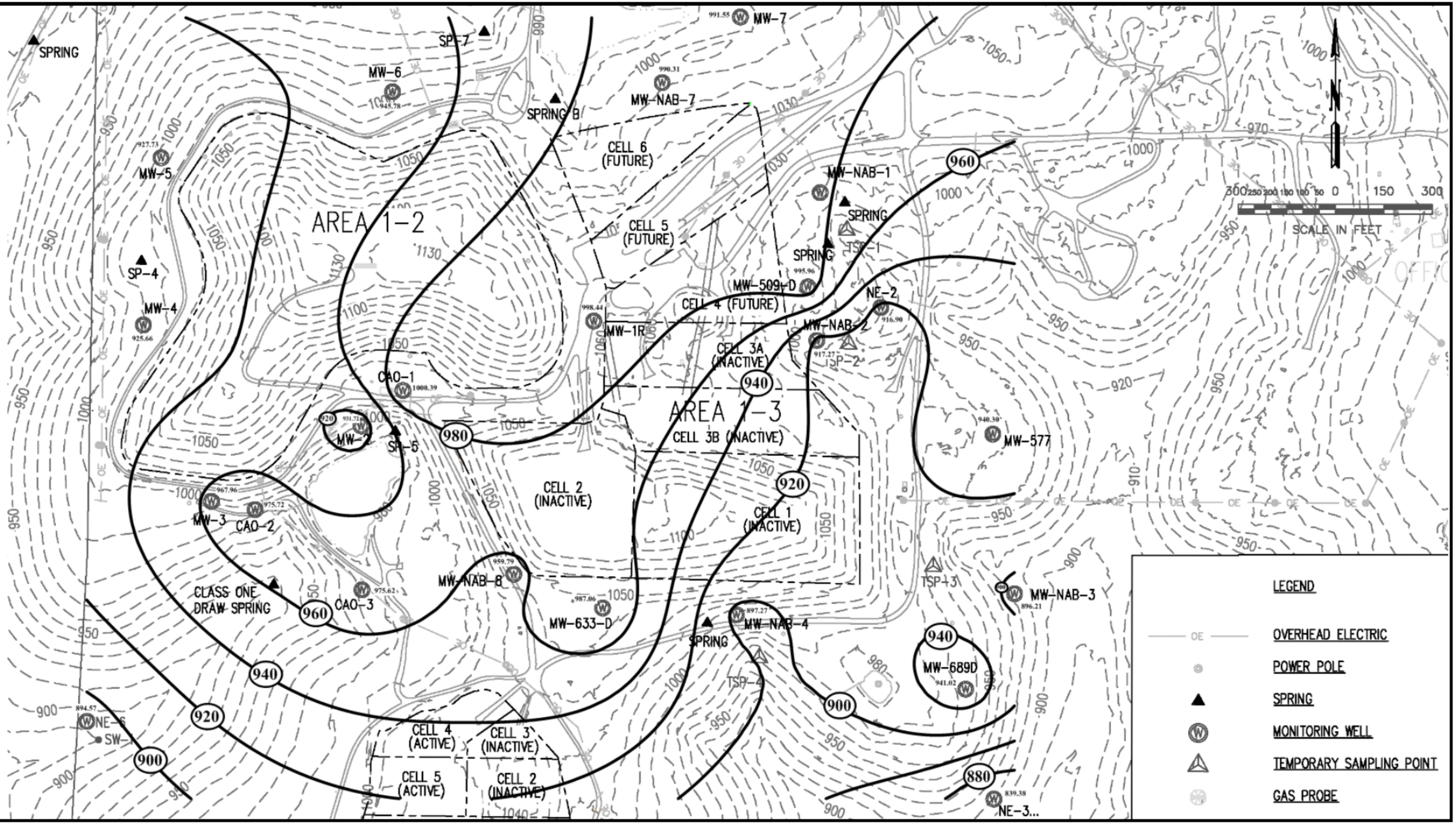
CHIMNEY ROCK CONSULTING
7529 Counts Massie Road, North Little Rock, AR 72113
501-812-4551
Quality Groundwater & Environmetal Consulting

Site Location Map
NABORS Landfill
Baxter County, Three Brothers, AR

FIGURE 1

Date: 1/15/15

By: RWF



CHIMNEY ROCK CONSULTING
7529 Counts Massie Road, North Little Rock, AR 72113
501-812-4551
Quality Groundwater & Environmetal Consulting

POTENTIOMETRIC MAP - 2ND QUARTER 2015

NABORS LANDFILL FACILITY

BAXTER COUNTY ARKANSAS

FIGURE 2

Date: 8/28/15

By: KAV

APPENDIX B

GROUNDWATER SAMPLING RECORDS

Field Groundwater Sampling Record

Facility NABORS **Date** 6/8/2015 **Well No**. MW-1R

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** NO

Well Depth 78.55 **DTW (from TOC)** 69.13 **Volume H2O in well** 1.4 gal

Other Information

Grundfos-pump: Sunny 10 mph wind 84^{o}F. Start Purging at 1635

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/8/15	1641	1.5	6.41	17.3	1.63	-26.2	1413	71000
	1645	3.0	6.37	20.0	1.03	-27.9	1567	190
	1648	4.5	6.42	19.1	1.45	-279	1541	52.1
	1652	6.0	6.40	19.4	0.92	-26.7	1561	35.0
	1655	7.5	6.40	19.4	0.92	-26.7	1561	35.0
	1659	9.0	6.40	19.9	0.57	-26.6	1558	36.0
	1710	13.0	6.40	18.9	0.51	-25.1	1555	10.7

Sampling Date & Time 6/8/2015 @1710

Notes Well needs painted and labeled. It has rocks around it. Ballards?

Field Groundwater Sampling Record

Facility NABORS **Date** 6/8/2015 **Well No**. MW-2

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 49.10 **DTW (from TOC)** 34.19 **Volume H2O in well** 2.4 gal

Other Information

Grundfos-pump; 90^{0}F, Sunny, 10mph wind. Start purging @ 1105

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/8/15	**1456**	**2.5**	**9.19**	**18.3**	**3.55**	**130.9**	**546**	**18.1**
	1501	**5.0**	**7.88**	**18.3**	**0.87**	**133.9**	**510**	**4.81**
	1503	**7.5**	**7.76**	**18.3**	**0.66**	**133.2**	**590**	**4.06**

Sampling Date & Time 6/8/2015 @ 1503

Notes Well needs better access, needs paint and label. Tall grass around well.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. MW-3

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 34.6 ft **DTW (from TOC)** 26.52 **Volume H2O in well** 1.2 gal

Other Information

Grundfos-pump; 10 mph wind. Cloudy 89°F Start purging @ 1530

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**1200**	**1.0**	**6.67**	**15.8**	**0.82**	**10.3**	**640**	**10.6**
	1202	**2.0**	**6.64**	**15.9**	**0.70**	**6.2**	**638**	**2.87**
	1204	**3.0**	**6.66**	**16.1**	**0.57**	**10.1**	**634**	**3.18**

Sampling Date & Time 6/9/15 @ 1204

Notes Well needs paint and label.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. MW-4

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 100.60 ft **DTW (from TOC)** 86.45 **Volume H2O in well** 2.3

Other Information

Grundfos-pump; 5 mph wind. Sunny 90°F Start purging @ 1305

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	1307	2.5	7.68	16.4	6.22	79.3	606	270
	1309	5.0	7.45	16.8	5.93	77.7	637	115
	1313	7.5	7.43	17.2	5.82	76.4	610	18.9
	1318	10.0	7.42	17.4	5.99	78.0	651	9.7

Sampling Date & Time 6/9/15 @ 1318

Notes Well needs paint and label.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. MW-5

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 89.75 ft **DTW (from TOC)** 76.65 **Volume H2O in well** 2.1

Other Information

Grundfos-pump; 5 mph wind. Cloudy 85°F Start purging @ 1336

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**1343**	**2.0**	**7.62**	**15.8**	**5.46**	**92.4**	**630**	**10.7**
	1345	**4.0**	**7.34**	**15.8**	**5.41**	**91.6**	**712**	**26.2**
	1349	**6.0**	**7.28**	**16.1**	**5.17**	**90.0**	**729**	**8.63**

Sampling Date & Time 6/9/15 @ 1349

Notes Well needs paint and label.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. MW-6

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 68.90 ft **DTW (from TOC)** 54.60 **Volume H2O in well** 2.3

Other Information

Grundfos-pump; 5 mph wind. Sunny 90°F Start purging @ 1420

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**1426**	**2.5**	**7.34**	**15.5**	**0.45**	**76.2**	**752**	**13.0**
	1428	**5.0**	**7.30**	**15.6**	**0.47**	**74.8**	**766**	**6.09**
	1430	**7.5**	**7.27**	**15.6**	**0.44**	**73.2**	**774**	**3.26**

Sampling Date & Time 6/9/15 @ 1430

Notes FB @ 1445; Dupe @ 1435; EB @ 1440; TB @ 1450. Well needs paint and label.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. MW-7

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 23.0 ft **DTW (from TOC)** 8.11 **Volume H2O in well** 2.4

Other Information

Grundfos-pump; 5 mph wind. Sunny 90°F Start purging @ 1520

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**1526**	**2.5**	**7.53**	**15.1**	**2.50**	**93.3**	**532**	**9.29**
	1532	**5.0**	**7.34**	**15.4**	**2.36**	**99.5**	**536**	**1.30**
	1538	**7.5**	**7.33**	**15.5**	**2.27**	**100.2**	**541**	**1.36**

Sampling Date & Time 6/9/15 @ 1538

Notes Well needs paint and label.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/10/15 **Well No**. CAO-1

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 37.0 ft **DTW (from TOC)** 26.01 **Volume H2O in well** 1.7 gal

Other Information

Grundfos-pump; 5 mph wind. Sunny 70°F Start purging @ 645

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/10/15	**701**	**2.0**	**6.31**	**16.0**	**0.81**	**-42.2**	**1041**	**80.1**
	703	**4.0**	**6.29**	**16.1**	**0.77**	**-42.4**	**1036**	**13.7**
	705	**6.0**	**6.26**	**16.2**	**0.83**	**-41.7**	**1033**	**3.97**

Sampling Date & Time 6/10/15 @ 705

Notes Well needs paint, label and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. CAO-2

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 39.65 ft **DTW (from TOC)** 23.08 **Volume H2O in well** 2.7

Other Information

Grundfos-pump; 5 mph wind. Sunny 90°F Start purging @ 1125

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**1134**	**3.0**	**6.95**	**15.8**	**0.99**	**216.4**	**726**	**21.2**
	1137	**6.0**	**6.91**	**15.7**	**0.49**	**103.0**	**783**	**7.54**
	1140	**9.0**	**6.93**	**15.7**	**0.41**	**100.7**	**829**	**5.10**

Sampling Date & Time 6/9/15 @ 1140

Notes Well needs paint, label and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. CAO-3

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 23.0 ft **DTW (from TOC)** 8.58 **Volume H2O in well** 2.3

Other Information

Grundfos-pump; 5 mph wind. Sunny 84°F Start purging @ 1104

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**1109**	**2.5**	**7.50**	**16.0**	**0.54**	**65.8**	**428**	**21.9**
	1111	**5.0**	**7.26**	**16.1**	**0.48**	**65.6**	**490**	**4.74**
	1114	**7.5**	**7.21**	**16.1**	**0.47**	**65.9**	**524**	**3.68**

Sampling Date & Time 6/9/15 @ 1104

Notes Well needs paint, label, and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 3/11/15 **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)** 64.62 ft **Volume H2O in well**

Other Information

DID NOT SAMPLE; well damaged about 68 ft down.

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

Sampling Date & Time

Notes

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. NAB-2

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** NO

Well Depth 93.0 ft **DTW (from TOC)** 76.71 **Volume H2O in well** 2.6

Other Information

Grundfos-pump. Sunny 80°F, 5 mph wind. Start purging @ 922

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**929**	**3.0**	**4.81**	**16.8**	**2.03**	**299.7**	**665**	**44.6**
	934	**6.0**	**6.96**	**17.0**	**1.20**	**198.9**	**714**	**26.8**
	938	**9.0**	**7.19**	**17.1**	**0.76**	**197.5**	**721**	**9.9**

Sampling Date & Time 6/9/15 @ 938

Notes Well needs label and a pad to park on well is on side of hill. Well also needs ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. NAB-3

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 47.0 ft **DTW (from TOC)** 25.28 **Volume H2O in well** 3.5

Other Information

Grundfos-pump; 5 mph wind. Sunny 70°F Start purging @ 723

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	731	3.5	7.31	14.5	1.56	96.4	701	313
	738	7.0	7.27	15.0	1.76	94.7	682	200
	744	10.5	7.29	14.3	2.44	100.6	672	193
	751	21.0	7.27	15.0	4.87	106.7	669	37.6
	800	26.0	7.32	15.1	6.16	117.4	673	8.70

Sampling Date & Time 6/9/15 @ 800

Notes Well needs paint, label, and ballards. Pad is up off the ground.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. NAB-4

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 132.0 **DTW (from TOC)** 106.93 **Volume H2O in well** 4.0

Other Information

Grundfos-pump; 5 mph wind. Sunny 85°F Start purging @ 1000

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	1006	4.0	7.08	16.5	2.59	89.9	684	154
	1008	8.0	7.08	16.5	1.91	85.1	727	61.8
	1011	12.0	7.07	16.6	1.25	85.1	731	27.3
	1014	16.0	7.07	16.6	0.81	84.7	733	10.2

Sampling Date & Time 6/9/15 @ 1014

Notes Well needs better access. Ground has washed out from the pad. Needs paint and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/2015 **Well No**. NAB-7

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 44.0 ft **DTW (from TOC)** 22.05 **Volume H2O in well** 3.5

Other Information

Grundfos-pump; 10 mph wind. Sunny 90°F Start purging @ 1552

Date	Time	Volume (gallons)	pH (SU)	Temp (°C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	1558	3.5	7.38	14.5	1.12	99.8	591	30.1
	1604	7.0	7.32	14.7	2.97	99.9	619	1.99
	1610	10.5	7.27	14.7	3.55	107.8	658	2.28

Sampling Date & Time 6/9/15 @ 1610

Notes Well needs paint, label, and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/8/15 **Well No**. NAB-8

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 95.0 ft **DTW (from TOC)** 79.42 **Volume H2O in well** 2.3

Other Information

Grundfos-pump; Sunny 85°F, 15 mph wind.

Sampled with bailer

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/8/15	**1432**	**2.0**	**8.34**	**19.3**	**6.77**	**147.9**	**542**	**28.0**
		Dry @ 2.0						
6/9/15	**630**		**7.92**	**16.4**	**1.97**	**149.0**	**674**	**38.8**

Sampling Date & Time 6/9/15 @ 0630

Notes Well needs paint, label, and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **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)** 18.24 **Volume H2O in well** 3.4

Other Information

Grundfos-pump; 10 mph wind. Sunny 75°F. Start purging @ 8.46

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**857**	**3.5**	**7.12**	**15.0**	**6.21**	**74.8**	**613**	**239**
	903	**7.0**	**7.16**	**15.2**	**6.14**	**79.4**	**604**	**27.9**
	910	**10.5**	**7.12**	**15.2**	**6.12**	**90.5**	**612**	**8.42**

Sampling Date & Time 6/9/15 @910

Notes Well needs better access road. Well needs paint, label, and ballards. A lot of deep washouts to well and 10+ trees growing around well. It also has 3 'T' post around it.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **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)** 42.3 **Volume H2O in well** 2.1

Other Information

Grundfos-pump; 5 mph wind. Sunny 75°F Start purging @ 815

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**823**	**2.0**	**7.26**	**15.9**	**0.43**	**-10.7**	**693**	**40.0**
	826	**4.0**	**7.24**	**16.1**	**0.36**	**-6.2**	**708**	**30.1**
	828	**6.0**	**7.23**	**16.1**	**0.30**	**-0.5**	**710**	**6.36**

Sampling Date & Time 6/9/15 @ 828

Notes Well needs better access and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/8/15 **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)** 63.04 **Volume H2O in well** 4.0

Other Information

Grundfos-pump; 15 mph wind. Cloudy 84°F Start purging @ 1320

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/8/15	1326	4.0	6.90	17.1	3.64	124.7	827	295
	1332	8.0	7.02	16.8	4.28	130.0	581	63.4
	1346	12.0	7.21	19.3	4.55	113.9	727	71000
	1353	16.0	7.17	18.4	4.37	118.4	734	80.6
	1402	20.0	7.16	18.6	4.47	122.7	7.36	38.5
	1409	24.0	7.15	18.7	4.30	128.7	740	43.3
	1413	28.0	7.14	18.8	4.30	131.1	742	9.86

Sampling Date & Time 6/8/15 @ 1413

Notes Well needs paint, label, and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/8/15 **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)** 25.81 **Volume H2O in well** 3.0

Other Information

Grundfos-pump; 10 mph wind. Sunny 80°F Start purging @ 1548

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/8/15	**1551**	**3.0**	**7.47**	**16.1**	**0.54**	**108.0**	**6621**	**101**
	1554	**6.0**	**732**	**16.2**	**0.37**	**99.3**	**648**	**23.5**
	1558	**9.0**	**7.27**	**16.2**	**0.38**	**90.2**	**659**	**8.3**

Sampling Date & Time 6/8/15 @ 1558

Notes Well has 'T' post around it. Well needs paint, label, and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/8/15 **Well No**. NE-2

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 64.0 ft **DTW (from TOC)** 60.08 **Volume H2O in well** 0.6

Other Information

Disposable Bailer; Sunny 86°F Start purging @ 1615

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/8/15	**1618**	**1.0**	**6.99**	**20.7**	**1.91**	**133.2**	**3030**	**10.8**

Sampling Date & Time 6/8/15 @ 1618

Notes Well has 'T' post around it. Well needs paint, label, and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. NE-3

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 27.7 ft **DTW (from TOC)** 7.53 **Volume H2O in well** 3.2

Other Information

Grundfos-pump; 5 mph wind. Sunny 70°F

Sampled with a bailer

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**710**	**3.0**	**7.68**	**16.7**	**1.69**	**80.6**	**621**	**268**
		Dry @ 6.0						
6/10/15	**630**		**7.69**	**16.0**	**6.20**	**156.6**	**643**	**87.6**

Sampling Date & Time 6/10/15 @ 630

Notes Pumped dry, sampled with a bailer. Well needs paint, label and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/9/15 **Well No**. NE-6

Sampling Personnel Darren Motley

Casing Diameter 2.0" **Condition of well** o.k. **Locked?** Yes

Well Depth 18.15 ft **DTW (from TOC)** 6.85 **Volume H2O in well** 1.8

Other Information

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/9/15	**1230**	**2.0**	**7.39**	**15.3**	**0.65**	**41.7**	**687**	**4.51**
	1232	**4.0**	**7.27**	**15.4**	**0.52**	**38.2**	**667**	**3.84**
	1235	**6.0**	**7.26**	**14.9**	**0.48**	**37.8**	**662**	**1.91**

Sampling Date & Time 6/9/15 @ 1235

Notes Well needs paint and ballards.

Field Groundwater Sampling Record

Facility NABORS **Date** 6/10/15 **Well No**. Leachate

Sampling Personnel Darren Motley

Casing Diameter NA **Condition of well** NA **Locked?** NA

Well Depth NA **DTW (from TOC)** NA **Volume H2O in well** NA

Other Information

Sunny, 80, 5 mph wind.

Date	Time	Volume (gallons)	pH (SU)	Temp (^{o}C)	D.O. (mg/L)	ORP (mV)	S.C (µSm)	Turbidity (NTU)
6/10/15	**715**		**7.07**	**23.2**	**3.56**	**-72.5**	**3731**	**78.9**

Sampling Date & Time 6/10/15 @ 115

Notes

Field Groundwater Sampling Record

Facility NABORS **Date** 6/10/15 **Well No**. SPRINGS

Sampling Personnel Darren Motley

Casing Diameter NA **Condition of well** NA **Locked?** NA

Well Depth NA **DTW (from TOC)** NA **Volume H2O in well** NA

Other Information

Sunny, 80, 5mph wind.

SPRING	Date	Time	pH (SU)	Temp (^{o}F)	S.C (µSm)	Turbidity (NTU)
SP-NE-3	6/10/15	830	8.29	18.6	564	6.32
TSP-4		1020				
TSP-3		1032	8.10	20.3	547	1.76
Class I Draw SP		745	8.33	19.2	641	14.3
Class IV Draw SP		810	8.54	19.4	612	5.05
SP-7		900	8.58	233	462	18.1
Spring B		935	8.65	22.7	1121	3.51
Landfill Entrance Seep		915	8.79	26.7	455	14.9
Spring A		1000	8.32	17.1	536	3.57

Notes

APPENDIX C

LABORATORY ANALYTICAL RESULTS

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Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

Report Summary

Thursday June 25, 2015

Report Number: L770879
Samples Received: 06/12/15
Client Project:

Description: Nabors Landfill

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-01

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 15:03

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	5400	52.	1000	ug/l		9056	06/19/15	1
Sulfate	17000	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/17/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	49000	100	1000	ug/l		9060A	06/15/15	1
Dissolved Solids	370000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	4.6	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.18	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	0.79	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	U	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	29.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	19.	14.	100	ug/l	J	6010B	06/16/15	1
Manganese	4.7	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	5.4	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
Note:
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-01

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 15:03

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.4			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.1			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	106.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-02

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 12:04

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	5400	52.	1000	ug/l		9056	06/19/15	1
Sulfate	4400	77.	5000	ug/l	J	9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/17/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	2100	100	1000	ug/l		9060A	06/17/15	1
Dissolved Solids	530000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	0.81	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	2.5	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	2.8	0.16	1.0	ug/l		6020	06/16/15	1
Copper	1.2	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.68	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	120	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	63.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	2.7	2.3	10.	ug/l	J	6010B	06/16/15	1
Iron	1400	14.	100	ug/l		6010B	06/16/15	1
Manganese	920	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	24.	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	4.2	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-02

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 12:04

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	0.66	0.26	1.0	ug/l	J	8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.5			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.8			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	110.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-03

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-4

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 13:18

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	7000	52.	1000	ug/l		9056	06/19/15	1
Sulfate	16000	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	51000	100	1000	ug/l		9060A	06/15/15	1
Dissolved Solids	420000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.68	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	1.0	0.16	1.0	ug/l		6020	06/16/15	1
Copper	0.55	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.47	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	90.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	37.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	1.5	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	98.	14.	100	ug/l	J	6010B	06/16/15	1
Manganese	2.5	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-03

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-4

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 13:18

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.6			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.0			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	111.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-04

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-5

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 13:49

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	5700	52.	1000	ug/l		9056	06/19/15	1
Sulfate	8700	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	370	100	1000	ug/l	J	9060A	06/15/15	1
Dissolved Solids	450000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.66	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.17	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	26.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	34.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	71.	14.	100	ug/l	J	6010B	06/16/15	1
Manganese	2.7	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	3.2	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-04

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-5

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 13:49

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	95.9			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	93.8			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	111.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-05

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-6

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	16000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	8800	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	970	100	1000	ug/l	J	9060A	06/15/15	1
Dissolved Solids	460000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	0.54	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	0.64	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.56	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	37.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	0.068	0.049	0.20	ug/l	J	7470A	06/13/15	1
Barium	47.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	25.	14.	100	ug/l	J	6010B	06/16/15	1
Manganese	U	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-05

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-6

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.9			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.8			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	110.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-06

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-7

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 15:38

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	2400	52.	1000	ug/l		9056	06/20/15	1
Sulfate	7200	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	670	100	1000	ug/l	J	9060A	06/15/15	1
Dissolved Solids	330000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.51	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.22	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	0.67	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	3.4	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	37.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	33.	14.	100	ug/l	J	6010B	06/16/15	1
Manganese	22.	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-06

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-7

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 15:38

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	97.2			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.7			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	108.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-07

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CAO-1

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 07:05

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	12000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	U	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	18000	100	1000	ug/l		9060A	06/15/15	1
Dissolved Solids	790000	2800	10000	ug/l		2540 C-	06/17/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	54.	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	0.76	0.30	2.0	ug/l	J	6020	06/16/15	1
Zinc	10.	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	290	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	36.	2.3	10.	ug/l		6010B	06/16/15	1
Iron	38000	14.	100	ug/l		6010B	06/16/15	1
Manganese	3400	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	49.	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	3.2	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	3.2	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-07

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CAO-1

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 07:05

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	0.80	0.35	1.0	ug/l	J	8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	1.4	0.45	5.0	ug/l	J	8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	0.93	0.27	1.0	ug/l	J	8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	3.0	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	1.0	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	2.2	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	97.0			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.2			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	108.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-08

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CAO-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 11:40

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	64000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	3600	77.	5000	ug/l	J	9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	5000	100	1000	ug/l		9060A	06/15/15	1
Dissolved Solids	550000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	2.5	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.27	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	0.84	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.53	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	0.23	0.19	2.0	ug/l	J	6020	06/16/15	1
Tin	0.40	0.30	2.0	ug/l	J	6020	06/16/15	1
Zinc	9.8	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	0.099	0.049	0.20	ug/l	J	7470A	06/13/15	1
Barium	86.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	120	14.	100	ug/l		6010B	06/16/15	1
Manganese	120	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	11.	4.9	20.	ug/l	J	6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	4.1	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-08

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CAO-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 11:40

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	0.53	0.26	1.0	ug/l	J	8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	97.4			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.9			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	109.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-09

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CAO-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 11:14

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	12000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	8600	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	1100	100	1000	ug/l		9060A	06/15/15	1
Dissolved Solids	350000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	1.0	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.57	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	0.97	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	1.1	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	31.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	45.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	2.4	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	920	14.	100	ug/l		6010B	06/16/15	1
Manganese	4.8	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-09

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CAO-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 11:14

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	95.9			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.0			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	108.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-10

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 09:38

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	4700	52.	1000	ug/l		9056	06/20/15	1
Sulfate	18000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	470	100	1000	ug/l	J	9060A	06/15/15	1
Dissolved Solids	450000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	5.1	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	0.60	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.90	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	45.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	48.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	2.0	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	160	14.	100	ug/l		6010B	06/16/15	1
Manganese	17.	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	4.9	4.9	20.	ug/l	J	6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-10

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 09:38

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	95.0			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.6			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	110.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-11

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 08:00

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	4900	52.	1000	ug/l		9056	06/22/15	1
Sulfate	12000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	950	100	1000	ug/l	J	9060A	06/15/15	1
Dissolved Solids	410000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.81	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.18	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	0.33	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	100	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	38.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	2.6	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	140	14.	100	ug/l		6010B	06/16/15	1
Manganese	8.1	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-11

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 08:00

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.6			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.2			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	111.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-12

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-4

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 10:14

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	3700	52.	1000	ug/l		9056	06/19/15	1
Sulfate	46000	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	930	100	1000	ug/l	J	9060A	06/15/15	1
Dissolved Solids	490000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	0.25	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	2.7	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	1.6	0.16	1.0	ug/l		6020	06/16/15	1
Copper	1.0	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.68	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	0.70	0.19	2.0	ug/l	J	6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	930	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	50.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	98.	14.	100	ug/l	J	6010B	06/16/15	1
Manganese	9.1	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	16.	4.9	20.	ug/l	J	6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-12

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-4

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 10:14

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	98.1			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.6			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	108.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-13

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-7

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 16:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	3400	52.	1000	ug/l		9056	06/19/15	1
Sulfate	24000	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	4400	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	400000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	2.2	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	0.59	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	1.8	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	51.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	25.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	160	14.	100	ug/l		6010B	06/16/15	1
Manganese	7.1	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	7.8	4.9	20.	ug/l	J	6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	3.7	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-13

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-7

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 16:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	97.7			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.1			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	108.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-14

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-8

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 06:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	2000	52.	1000	ug/l		9056	06/19/15	1
Sulfate	10000	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	8400	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	370000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	2.6	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.42	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	0.43	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	0.70	0.30	2.0	ug/l	J	6020	06/16/15	1
Zinc	5.0	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	34.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	140	14.	100	ug/l		6010B	06/16/15	1
Manganese	5.3	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-14

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NAB-8

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 06:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	97.8			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	93.8			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	110.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-15

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-509D

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 09:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	5500	52.	1000	ug/l		9056	06/19/15	1
Sulfate	13000	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	3800	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	390000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	0.46	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	0.63	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	3.8	0.16	1.0	ug/l		6020	06/16/15	1
Copper	0.61	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.62	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	380	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	31.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	2.2	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	240	14.	100	ug/l		6010B	06/16/15	1
Manganese	7.5	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	2.5	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-15

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-509D

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 09:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.0			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	96.3			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	105.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-16

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-577

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 08:28

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	2200	52.	1000	ug/l		9056	06/20/15	1
Sulfate	26000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	1.8	1.8	5.0	ug/l	J	9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	3300	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	430000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	1.4	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	2.3	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	U	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	23.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	130	14.	100	ug/l		6010B	06/16/15	1
Manganese	5.6	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	3.3	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-16

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-577

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 08:28

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.0			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.5			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	106.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-17

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-689D

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 15:58

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	2400	52.	1000	ug/l		9056	06/20/15	1
Sulfate	14000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	2900	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	410000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.99	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	1.0	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	0.41	0.38	2.0	ug/l	J	6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	4.5	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	30.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	1.9	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	270	14.	100	ug/l		6010B	06/16/15	1
Manganese	7.1	1.2	10.	ug/l	J	6010B	06/16/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-17

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-689D

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 15:58

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	96.9			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	94.1			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	108.			% Rec.		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-18

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-633D

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 14:13

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	9600	52.	1000	ug/l		9056	06/20/15	1
Sulfate	12000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/18/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	3800	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	460000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	1.4	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	1.8	0.16	1.0	ug/l		6020	06/16/15	1
Copper	1.5	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	1.8	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	270	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	40.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	8.0	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/16/15	1
Iron	480	14.	100	ug/l		6010B	06/16/15	1
Manganese	25.	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	5.4	4.9	20.	ug/l	J	6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	3.6	2.4	20.	ug/l	J	6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-18

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-633D

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 14:13

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	1.4	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	0.33	0.26	1.0	ug/l	J	8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	97.3			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	96.8			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	108.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-19

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NE-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 16:18

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	36000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	1500000	3900	250000	ug/l		9056	06/22/15	50
Cyanide	U	1.8	5.0	ug/l		9012B	06/19/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	40000	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	2800000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	6.9	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	3.8	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	0.46	0.38	2.0	ug/l	J	6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	1000	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	18.	1.7	5.0	ug/l		6010B	06/16/15	1
Chromium	2.3	1.4	10.	ug/l	J	6010B	06/16/15	1
Cobalt	7.6	2.3	10.	ug/l	J	6010B	06/16/15	1
Iron	5000	14.	100	ug/l		6010B	06/16/15	1
Manganese	69.	1.2	10.	ug/l		6010B	06/16/15	1
Nickel	30.	4.9	20.	ug/l		6010B	06/16/15	1
Silver	U	2.8	10.	ug/l		6010B	06/16/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/16/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	0.76	0.33	1.0	ug/l	J	8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-19

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NE-2

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 16:18

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	97.3			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.5			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	107.			% Rec.		8260B	06/21/15	1

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RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-20

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NE-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 06:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	6300	52.	1000	ug/l		9056	06/20/15	1
Sulfate	16000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/19/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	5600	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	360000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	3.4	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	0.16	0.12	2.0	ug/l	J	6020	06/16/15	1
Cadmium	0.44	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	2.3	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	3.1	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	0.75	0.30	2.0	ug/l	J	6020	06/16/15	1
Zinc	97.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/13/15	1
Barium	180	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	3.1	1.4	10.	ug/l	J	6010B	06/15/15	1
Cobalt	3.8	2.3	10.	ug/l	J	6010B	06/15/15	1
Iron	1000	14.	100	ug/l		6010B	06/15/15	1
Manganese	96.	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	6.9	4.9	20.	ug/l	J	6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/21/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/21/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/21/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/21/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/21/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/21/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/21/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/21/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-20

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NE-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 06:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/21/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/21/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/21/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/21/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/21/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/21/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/21/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/21/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/21/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/21/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/21/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/21/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/21/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/21/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/21/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/21/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/21/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/21/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/21/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/21/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/21/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/21/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/21/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/21/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/21/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/21/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/21/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/21/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/21/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/21/15	1
Surrogate Recovery								
Toluene-d8	98.0			% Rec.		8260B	06/21/15	1
Dibromofluoromethane	95.6			% Rec.		8260B	06/21/15	1
4-Bromofluorobenzene	111.			% Rec.		8260B	06/21/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-21

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NE-6

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 12:35

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	2300	52.	1000	ug/l		9056	06/20/15	1
Sulfate	32000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/19/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	2400	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	430000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	3.7	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.85	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.40	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	0.55	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	0.36	0.30	2.0	ug/l	J	6020	06/16/15	1
Zinc	630	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	32.	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	76.	14.	100	ug/l	J	6010B	06/15/15	1
Manganese	6.1	1.2	10.	ug/l	J	6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/22/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/22/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/22/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/22/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/22/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/22/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/22/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/22/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-21

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : NE-6

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 12:35

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/22/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/22/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/22/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/22/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/22/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/22/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/22/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/22/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/22/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/22/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/22/15	1
1,2-Dichloroethane	0.72	0.36	1.0	ug/l	J	8260B	06/22/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/22/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/22/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/22/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/22/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/22/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/22/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/22/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/22/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/22/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/22/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/22/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/22/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/22/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/22/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/22/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/22/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/22/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/22/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/22/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/22/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/22/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/22/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/22/15	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	06/22/15	1
Dibromofluoromethane	97.5			% Rec.		8260B	06/22/15	1
4-Bromofluorobenzene	94.1			% Rec.		8260B	06/22/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-22

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-1R

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 17:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	110000	100	2000	ug/l		9056	06/22/15	2
Sulfate	20000	77.	5000	ug/l		9056	06/22/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/15/15	1
TOC (Total Organic Carbon)	17000	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	980000	2800	10000	ug/l		2540 C-	06/16/15	1
Antimony	U	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	48.	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.31	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	1.7	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	1.5	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	2.0	0.19	2.0	ug/l	J	6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	1300	2.6	25.	ug/l	O1V	6020	06/16/15	1
Mercury	0.83	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	190	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	87.	2.3	10.	ug/l		6010B	06/15/15	1
Iron	15000	14.	100	ug/l		6010B	06/15/15	1
Manganese	510	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	83.	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	10.	10.	50.	ug/l	J	8260B	06/22/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/22/15	1
Benzene	1.3	0.33	1.0	ug/l		8260B	06/22/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/22/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/22/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/22/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/22/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/22/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-22

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : MW-1R

Project # :

Collected By : Darrren Motley
Collection Date : 06/08/15 17:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	0.92	0.35	1.0	ug/l	J	8260B	06/22/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/22/15	1
Chloroethane	1.6	0.45	5.0	ug/l	J	8260B	06/22/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/22/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/22/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/22/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/22/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/22/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/22/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/22/15	1
1,1-Dichloroethane	15.	0.26	1.0	ug/l		8260B	06/22/15	1
1,2-Dichloroethane	0.41	0.36	1.0	ug/l	J	8260B	06/22/15	1
1,1-Dichloroethene	0.43	0.40	1.0	ug/l	J	8260B	06/22/15	1
cis-1,2-Dichloroethene	9.6	0.26	1.0	ug/l		8260B	06/22/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/22/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/22/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/22/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/22/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/22/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/22/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/22/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/22/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/22/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/22/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/22/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/22/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/22/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/22/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/22/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
Trichloroethene	1.5	0.40	1.0	ug/l		8260B	06/22/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/22/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/22/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/22/15	1
Vinyl chloride	3.6	0.26	1.0	ug/l		8260B	06/22/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/22/15	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	06/22/15	1
Dibromofluoromethane	96.8			% Rec.		8260B	06/22/15	1
4-Bromofluorobenzene	92.7			% Rec.		8260B	06/22/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-23

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : TSP-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 10:32

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	11000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	1600	77.	5000	ug/l	J	9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	6200	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	450000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	3.4	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.60	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.44	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	12.	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	110	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	16.	14.	100	ug/l	J	6010B	06/15/15	1
Manganese	320	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-23

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : TSP-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 10:32

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	98.3			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	92.1			% Rec.		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-24

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SP-7

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 09:00

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	15000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	7200	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	5600	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	290000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	3.1	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	2.6	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	0.94	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	1.4	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	6.7	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	67.	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	2300	14.	100	ug/l		6010B	06/15/15	1
Manganese	460	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	3.8	2.4	20.	ug/l	J	6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-24

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SP-7

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 09:00

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	99.9			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	91.5			% Rec.		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-25

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SPRING-A

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 10:00

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	3600	52.	1000	ug/l		9056	06/20/15	1
Sulfate	19000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	2.2	1.8	5.0	ug/l	J	9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	2900	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	360000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	2.8	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.56	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.40	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	0.39	0.30	2.0	ug/l	J	6020	06/16/15	1
Zinc	35.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	49.	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	44.	14.	100	ug/l	J	6010B	06/15/15	1
Manganese	19.	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-25

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SPRING-A

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 10:00

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	0.56	0.26	1.0	ug/l	J	8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	100.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	99.6			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	93.4			% Rec.		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-26

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SPRING-B

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 09:35

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	110000	520	10000	ug/l		9056	06/20/15	10
Sulfate	4300	77.	5000	ug/l	J	9056	06/23/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	15000	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	670000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	2.6	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	1.5	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.37	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	0.74	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	1.6	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	44.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	150	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	3.4	2.3	10.	ug/l	J	6010B	06/15/15	1
Iron	530	14.	100	ug/l		6010B	06/15/15	1
Manganese	820	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	8.8	4.9	20.	ug/l	J	6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	7.2	2.4	20.	ug/l	J	6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-26

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SPRING-B

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 09:35

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	99.0			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	92.5			% Rec.		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-27

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SP-NE-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 08:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	7600	52.	1000	ug/l		9056	06/20/15	1
Sulfate	7900	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	3600	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	350000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	2.1	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	0.98	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.66	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	1.2	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	3.4	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	76.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	47.	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	1200	14.	100	ug/l		6010B	06/15/15	1
Manganese	99.	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-27

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : SP-NE-3

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 08:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	97.6			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	94.9			% Rec.		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-28

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : LANDFILL ENTRANCE SEEP

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 09:15

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	14000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	8200	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	7500	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	300000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	2.2	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	2.6	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	1.2	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.91	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	4.6	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	61.	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	870	14.	100	ug/l		6010B	06/15/15	1
Manganese	230	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-28

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : LANDFILL ENTRANCE SEEP

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 09:15

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	96.7			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	93.0			% Rec.		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-29

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CLASS IV DRAW

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 08:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	13000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	49000	77.	5000	ug/l		9056	06/20/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	9700	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	420000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	1.9	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	1.4	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	1.9	0.16	1.0	ug/l		6020	06/16/15	1
Copper	1.0	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	3.6	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	40.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	96.	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	1400	14.	100	ug/l		6010B	06/15/15	1
Manganese	670	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	3.0	2.4	20.	ug/l	J	6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-29

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CLASS IV DRAW

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 08:10

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	98.6			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	93.6			% Rec.		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-30

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CLASS I DRAW

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 07:45

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	25000	52.	1000	ug/l		9056	06/20/15	1
Sulfate	1400	77.	5000	ug/l	J	9056	06/20/15	1
Cyanide	2.0	1.8	5.0	ug/l	J	9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	9900	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	370000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	2.0	0.21	2.0	ug/l		6020	06/16/15	1
Arsenic	37.	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	1.0	0.16	1.0	ug/l		6020	06/16/15	1
Copper	2.7	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	4.5	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	24.	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	170	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	1.8	1.4	10.	ug/l	J	6010B	06/15/15	1
Cobalt	5.4	2.3	10.	ug/l	J	6010B	06/15/15	1
Iron	51000	14.	100	ug/l		6010B	06/15/15	1
Manganese	2600	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	5.4	4.9	20.	ug/l	J	6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	U	2.4	20.	ug/l		6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-30

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : CLASS I DRAW

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 07:45

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	100.			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	90.6			% Rec.		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-31

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : LEACHATE

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 07:15

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	610000	2600	50000	ug/l		9056	06/20/15	50
Sulfate	700	77.	5000	ug/l	J	9056	06/22/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	73000	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	1800000	2800	10000	ug/l		2540 C-	06/18/15	1
Antimony	1.6	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	27.	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	1.6	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	0.26	0.24	2.0	ug/l	J	6020	06/16/15	1
Selenium	0.57	0.38	2.0	ug/l	J	6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	6.6	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	7.2	2.6	25.	ug/l	J	6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	2300	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	3.9	1.4	10.	ug/l	J	6010B	06/15/15	1
Cobalt	6.6	2.3	10.	ug/l	J	6010B	06/15/15	1
Iron	37000	14.	100	ug/l		6010B	06/15/15	1
Manganese	1100	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	42.	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	5.7	2.4	20.	ug/l	J	6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-31

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : LEACHATE

Project # :

Collected By : Darrren Motley
Collection Date : 06/10/15 07:15

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	0.59	0.28	2.5	ug/l	J	8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	0.37	0.26	1.0	ug/l	J	8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	0.57	0.26	1.0	ug/l	J	8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	100.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	110.			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	94.5			% Rec.		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-32

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : DUPLICATE

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:35

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	22000	52.	1000	ug/l		9056	06/19/15	1
Sulfate	8400	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	3600	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	430000	2800	10000	ug/l		2540 C-	06/17/15	1
Antimony	1.2	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	0.51	0.25	2.0	ug/l	J	6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	0.42	0.16	1.0	ug/l	J	6020	06/16/15	1
Copper	0.79	0.52	5.0	ug/l	J	6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	37.	2.6	25.	ug/l		6020	06/16/15	1
Mercury	0.094	0.049	0.20	ug/l	J	7470A	06/15/15	1
Barium	48.	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	U	14.	100	ug/l		6010B	06/15/15	1
Manganese	U	1.2	10.	ug/l		6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	4.2	2.4	20.	ug/l	J	6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-32

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : DUPLICATE

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:35

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	98.5			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	88.8			% Rec.		8260B	06/23/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-33

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : FIELD BLANK

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:40

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chloride	6600	52.	1000	ug/l		9056	06/19/15	1
Sulfate	U	77.	5000	ug/l		9056	06/19/15	1
Cyanide	U	1.8	5.0	ug/l		9012B	06/24/15	1
Sulfide	U	6.5	50.	ug/l		4500S2	06/16/15	1
TOC (Total Organic Carbon)	U	100	1000	ug/l		9060A	06/16/15	1
Dissolved Solids	U	2800	10000	ug/l		2540 C-	06/17/15	1
Antimony	1.2	0.21	2.0	ug/l	J	6020	06/16/15	1
Arsenic	U	0.25	2.0	ug/l		6020	06/16/15	1
Beryllium	U	0.12	2.0	ug/l		6020	06/16/15	1
Cadmium	U	0.16	1.0	ug/l		6020	06/16/15	1
Copper	U	0.52	5.0	ug/l		6020	06/16/15	1
Lead	U	0.24	2.0	ug/l		6020	06/16/15	1
Selenium	U	0.38	2.0	ug/l		6020	06/16/15	1
Thallium	U	0.19	2.0	ug/l		6020	06/16/15	1
Tin	U	0.30	2.0	ug/l		6020	06/16/15	1
Zinc	U	2.6	25.	ug/l		6020	06/16/15	1
Mercury	U	0.049	0.20	ug/l		7470A	06/15/15	1
Barium	U	1.7	5.0	ug/l		6010B	06/15/15	1
Chromium	U	1.4	10.	ug/l		6010B	06/15/15	1
Cobalt	U	2.3	10.	ug/l		6010B	06/15/15	1
Iron	U	14.	100	ug/l		6010B	06/15/15	1
Manganese	1.3	1.2	10.	ug/l	J	6010B	06/15/15	1
Nickel	U	4.9	20.	ug/l		6010B	06/15/15	1
Silver	U	2.8	10.	ug/l		6010B	06/15/15	1
Vanadium	5.7	2.4	20.	ug/l	J	6010B	06/15/15	1
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-33

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : FIELD BLANK

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:40

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	99.7			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	92.5			% Rec.		8260B	06/23/15	1

U = ND (Not Detected)
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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-34

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : EQUIPMENT BLANK

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:45

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/23/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/23/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/23/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/23/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/23/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/23/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/23/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/23/15	1
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/23/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/23/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/23/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/23/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/23/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/23/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/23/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/23/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/23/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/23/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/23/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/23/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/23/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/23/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/23/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/23/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/23/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/23/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/23/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/23/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/23/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/23/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/23/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/23/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-34

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : EQUIPMENT BLANK

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:45

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/23/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/23/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/23/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/23/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/23/15	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	06/23/15	1
Dibromofluoromethane	97.3			% Rec.		8260B	06/23/15	1
4-Bromofluorobenzene	89.4			% Rec.		8260B	06/23/15	1

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REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-35

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : TRIP BLANK

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:50

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	10.	50.	ug/l		8260B	06/22/15	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	06/22/15	1
Benzene	U	0.33	1.0	ug/l		8260B	06/22/15	1
Bromochloromethane	U	0.52	1.0	ug/l		8260B	06/22/15	1
Bromodichloromethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
Bromoform	U	0.47	1.0	ug/l		8260B	06/22/15	1
Bromomethane	U	0.87	5.0	ug/l		8260B	06/22/15	1
Carbon disulfide	U	0.28	1.0	ug/l		8260B	06/22/15	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	06/22/15	1
Chlorobenzene	U	0.35	1.0	ug/l		8260B	06/22/15	1
Chlorodibromomethane	U	0.33	1.0	ug/l		8260B	06/22/15	1
Chloroethane	U	0.45	5.0	ug/l		8260B	06/22/15	1
Chloroform	U	0.32	5.0	ug/l		8260B	06/22/15	1
Chloromethane	U	0.28	2.5	ug/l		8260B	06/22/15	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	06/22/15	1
1,2-Dibromoethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	06/22/15	1
1,2-Dichlorobenzene	U	0.35	1.0	ug/l		8260B	06/22/15	1
1,4-Dichlorobenzene	U	0.27	1.0	ug/l		8260B	06/22/15	1
trans-1,4-Dichloro-2-butene	U	0.87	2.5	ug/l		8260B	06/22/15	1
1,1-Dichloroethane	U	0.26	1.0	ug/l		8260B	06/22/15	1
1,2-Dichloroethane	U	0.36	1.0	ug/l		8260B	06/22/15	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/22/15	1
cis-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	06/22/15	1
trans-1,2-Dichloroethene	U	0.40	1.0	ug/l		8260B	06/22/15	1
1,2-Dichloropropane	U	0.31	1.0	ug/l		8260B	06/22/15	1
cis-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/22/15	1
trans-1,3-Dichloropropene	U	0.42	1.0	ug/l		8260B	06/22/15	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	06/22/15	1
2-Hexanone	U	3.8	10.	ug/l		8260B	06/22/15	1
Iodomethane	U	1.7	10.	ug/l		8260B	06/22/15	1
2-Butanone (MEK)	U	3.9	15.	ug/l		8260B	06/22/15	1
Methylene Chloride	U	1.0	5.0	ug/l		8260B	06/22/15	1
4-Methyl-2-pentanone (MIBK)	U	2.1	10.	ug/l		8260B	06/22/15	1
Styrene	U	0.31	1.0	ug/l		8260B	06/22/15	1
1,1,1,2-Tetrachloroethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
1,1,2,2-Tetrachloroethane	U	0.13	1.0	ug/l		8260B	06/22/15	1
Tetrachloroethene	U	0.37	1.0	ug/l		8260B	06/22/15	1
Toluene	U	0.78	5.0	ug/l		8260B	06/22/15	1
1,1,1-Trichloroethane	U	0.32	1.0	ug/l		8260B	06/22/15	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	06/22/15	1
Trichloroethene	U	0.40	1.0	ug/l		8260B	06/22/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.
.
Reported: 06/25/15 12:50 Printed: 06/25/15 12:55

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Stacie Whitmer
Chimney Rock Consulting
7529 Counts Massie Road
North Little Rock, AR 72113

June 25, 2015

ESC Sample # : L770879-35

Date Received : June 12, 2015
Description : Nabors Landfill

Site ID :

Sample ID : TRIP BLANK

Project # :

Collected By : Darrren Motley
Collection Date : 06/09/15 14:50

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Trichlorofluoromethane	U	1.2	5.0	ug/l		8260B	06/22/15	1
1,2,3-Trichloropropane	U	0.81	2.5	ug/l		8260B	06/22/15	1
Vinyl acetate	U	1.6	10.	ug/l		8260B	06/22/15	1
Vinyl chloride	U	0.26	1.0	ug/l		8260B	06/22/15	1
Xylenes, Total	U	1.1	3.0	ug/l		8260B	06/22/15	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	06/22/15	1
Dibromofluoromethane	97.8			% Rec.		8260B	06/22/15	1
4-Bromofluorobenzene	92.7			% Rec.		8260B	06/22/15	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL
MDL = Minimum Detection Limit = LOD = TRRP SDL
Note:
The reported analytical results relate only to the sample submitted.
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.
Reported: 06/25/15 12:50 Printed: 06/25/15 12:55

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L770879-01	WG795686	SAMP	Cadmium	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795618	SAMP	Iron	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
L770879-02	WG796640	SAMP	Sulfate	R3044856	J
	WG795686	SAMP	Antimony	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Cobalt	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
	WG796171	SAMP	1,1-Dichloroethane	R3044981	J
L770879-03	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Iron	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J
L770879-04	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Cadmium	R3043742	J
	WG795618	SAMP	Iron	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
	WG795728	SAMP	TOC (Total Organic Carbon)	R3043575	J
L770879-05	WG795686	SAMP	Antimony	R3043742	J
	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Cadmium	R3043742	J
	WG795618	SAMP	Iron	R3043663	J
	WG795728	SAMP	TOC (Total Organic Carbon)	R3043575	J
	WG795473	SAMP	Mercury	R3043244	J
L770879-06	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Cadmium	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Zinc	R3043742	J
	WG795618	SAMP	Iron	R3043663	J
	WG795728	SAMP	TOC (Total Organic Carbon)	R3043575	J
L770879-07	WG795686	SAMP	Tin	R3043742	J
	WG795686	SAMP	Zinc	R3043742	J
	WG795618	SAMP	Vanadium	R3043663	J
	WG796171	SAMP	Chlorobenzene	R3044981	J
	WG796171	SAMP	Chloroethane	R3044981	J
	WG796171	SAMP	1,4-Dichlorobenzene	R3044981	J
L770879-08	WG796640	SAMP	Sulfate	R3044856	J
	WG795686	SAMP	Cadmium	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795686	SAMP	Thallium	R3043742	J
	WG795686	SAMP	Tin	R3043742	J
	WG795686	SAMP	Zinc	R3043742	J
	WG795618	SAMP	Nickel	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
	WG796171	SAMP	1,1-Dichloroethane	R3044981	J
	WG795473	SAMP	Mercury	R3043244	J
L770879-09	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Cadmium	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J
L770879-10	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Nickel	R3043663	J
	WG795728	SAMP	TOC (Total Organic Carbon)	R3043575	J
L770879-11	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Cadmium	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG795728	SAMP	TOC (Total Organic Carbon)	R3043575	J
L770879-12	WG795686	SAMP	Antimony	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795686	SAMP	Thallium	R3043742	J
	WG795618	SAMP	Iron	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J
	WG795618	SAMP	Nickel	R3043663	J
	WG795728	SAMP	TOC (Total Organic Carbon)	R3043575	J
L770879-13	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Manganese	R3043663	J
	WG795618	SAMP	Nickel	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
L770879-14	WG795686	SAMP	Cadmium	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795686	SAMP	Tin	R3043742	J
	WG795686	SAMP	Zinc	R3043742	J
	WG795618	SAMP	Manganese	R3043663	J
L770879-15	WG795686	SAMP	Antimony	R3043742	J
	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
L770879-16	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795618	SAMP	Manganese	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
	WG796678	SAMP	Cyanide	R3044374	J
L770879-17	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795686	SAMP	Selenium	R3043742	J
	WG795686	SAMP	Zinc	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Manganese	R3043663	J
L770879-18	WG795686	SAMP	Arsenic	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Lead	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Nickel	R3043663	J
	WG795618	SAMP	Vanadium	R3043663	J
	WG796171	SAMP	cis-1,2-Dichloroethene	R3044981	J
L770879-19	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Selenium	R3043742	J
	WG795618	SAMP	Chromium	R3043663	J
	WG795618	SAMP	Cobalt	R3043663	J
	WG796171	SAMP	Benzene	R3044981	J
L770879-20	WG795686	SAMP	Beryllium	R3043742	J
	WG795686	SAMP	Cadmium	R3043742	J
	WG795686	SAMP	Copper	R3043742	J
	WG795686	SAMP	Tin	R3043742	J
	WG795616	SAMP	Chromium	R3043534	J
	WG795616	SAMP	Cobalt	R3043534	J
	WG795616	SAMP	Nickel	R3043534	J
L770879-21	WG795687	SAMP	Arsenic	R3043792	J
	WG795687	SAMP	Cadmium	R3043792	J
	WG795687	SAMP	Lead	R3043792	J
	WG795687	SAMP	Tin	R3043792	J
	WG795616	SAMP	Iron	R3043534	J
	WG795616	SAMP	Manganese	R3043534	J
	WG797495	SAMP	1,2-Dichloroethane	R3045182	J
L770879-22	WG795687	SAMP	Cadmium	R3043792	J
	WG795687	SAMP	Copper	R3043792	J
	WG795687	SAMP	Lead	R3043792	J
	WG795687	SAMP	Thallium	R3043792	J
	WG795687	SAMP	Zinc	R3043792	O1V
	WG797495	SAMP	Acetone	R3045182	J
	WG797495	SAMP	Chlorobenzene	R3045182	J

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG797495	SAMP	Chloroethane	R3045182	J
	WG797495	SAMP	1,2-Dichloroethane	R3045182	J
	WG797495	SAMP	1,1-Dichloroethene	R3045182	J
L770879-23	WG796955	SAMP	Sulfate	R3044850	J
	WG795687	SAMP	Arsenic	R3043792	J
	WG795687	SAMP	Cadmium	R3043792	J
	WG795687	SAMP	Zinc	R3043792	J
	WG795616	SAMP	Iron	R3043534	J
L770879-24	WG795687	SAMP	Copper	R3043792	J
	WG795687	SAMP	Lead	R3043792	J
	WG795687	SAMP	Zinc	R3043792	J
	WG795616	SAMP	Vanadium	R3043534	J
L770879-25	WG795687	SAMP	Arsenic	R3043792	J
	WG795687	SAMP	Cadmium	R3043792	J
	WG795687	SAMP	Tin	R3043792	J
	WG795616	SAMP	Iron	R3043534	J
	WG797495	SAMP	1,1-Dichloroethane	R3045182	J
	WG797656	SAMP	Cyanide	R3045537	J
L770879-26	WG797568	SAMP	Sulfate	R3045334	J
	WG795687	SAMP	Arsenic	R3043792	J
	WG795687	SAMP	Cadmium	R3043792	J
	WG795687	SAMP	Copper	R3043792	J
	WG795687	SAMP	Lead	R3043792	J
	WG795616	SAMP	Cobalt	R3043534	J
	WG795616	SAMP	Nickel	R3043534	J
	WG795616	SAMP	Vanadium	R3043534	J
L770879-27	WG795687	SAMP	Arsenic	R3043792	J
	WG795687	SAMP	Cadmium	R3043792	J
	WG795687	SAMP	Copper	R3043792	J
L770879-28	WG795687	SAMP	Copper	R3043792	J
	WG795687	SAMP	Lead	R3043792	J
	WG795687	SAMP	Zinc	R3043792	J
L770879-29	WG795687	SAMP	Antimony	R3043792	J
	WG795687	SAMP	Arsenic	R3043792	J
	WG795687	SAMP	Copper	R3043792	J
	WG795616	SAMP	Vanadium	R3043534	J
L770879-30	WG796955	SAMP	Sulfate	R3044850	J
	WG795687	SAMP	Copper	R3043792	J
	WG795687	SAMP	Zinc	R3043792	J
	WG795616	SAMP	Chromium	R3043534	J
	WG795616	SAMP	Cobalt	R3043534	J
	WG795616	SAMP	Nickel	R3043534	J
	WG797656	SAMP	Cyanide	R3045537	J
L770879-31	WG797322	SAMP	Sulfate	R3045161	J
	WG795687	SAMP	Antimony	R3043792	J
	WG795687	SAMP	Copper	R3043792	J
	WG795687	SAMP	Lead	R3043792	J
	WG795687	SAMP	Selenium	R3043792	J
	WG795687	SAMP	Zinc	R3043792	J
	WG795616	SAMP	Chromium	R3043534	J
	WG795616	SAMP	Cobalt	R3043534	J
	WG795616	SAMP	Vanadium	R3043534	J
	WG797495	SAMP	Chloromethane	R3045182	J
	WG797495	SAMP	1,1-Dichloroethane	R3045182	J
	WG797495	SAMP	Vinyl chloride	R3045182	J
L770879-32	WG795687	SAMP	Antimony	R3043792	J
	WG795687	SAMP	Arsenic	R3043792	J
	WG795687	SAMP	Cadmium	R3043792	J
	WG795687	SAMP	Copper	R3043792	J
	WG795616	SAMP	Vanadium	R3043534	J
	WG795536	SAMP	Mercury	R3043480	J
L770879-33	WG795687	SAMP	Antimony	R3043792	J
	WG795616	SAMP	Manganese	R3043534	J
	WG795616	SAMP	Vanadium	R3043534	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
O1	(ESC) The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
V	(ESC) - Additional QC Info: The sample concentration is too high to evaluate accurate spike recoveries.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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 Collected: Mt. Home, Ar

Phone: 501-812-4551
Fax:

Client Project #

Lab Project # CHIROCKAR-NABORS

Collected by (print): Darren Mottley

Site/Facility ID #

P.O. #

Collected by (signature): Darren Mottley

Immediately Packed on Ice N ___ Y X

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CN 250mlHDPEAmb-NaOH >12	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe,Mn,Sn 500mlHDPE-HNO3 <2	SULFIDE 125mlAmb-S-NaOH+ZnAc >12	TOC 250mlAmb-Septa-HCl <2	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl				Rem./Contaminant	Sample # (lab only)
MW-1		GW				7	X	X	X	X	X	X						
MW-2	G	GW		6-8-15	15:03	7	X	X	X	X	X	X						-01
MW-3	G	GW		6-8-15	1204	7	X	X	X	X	X	X						02
MW-4	G	GW		6-9-15	1318	7	X	X	X	X	X	X						03
MW-5	G	GW		6-9-15	1349	7	X	X	X	X	X	X						04
MW-6	G	GW		6-9-15	1430	7	X	X	X	X	X	X						05
MW-7	G	GW		6-9-15	1538	7	X	X	X	X	X	X						06
CAO-1	G	GW		6-10-15	7:05	7	X	X	X	X	X	X						07
CAO-2	G	GW		6-9-15	1140	7	X	X	X	X	X	X						08
CAO-3	G	GW		6-9-15	1114	7	X	X	X	X	X	X						09

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

Remarks: 636101976911 636101976922 636101976900 636101976896 636101976933 636101976874 636101976885

pH ___ Temp ___ Flow ___ Other ___

Chain of Custody Page ___ of ___

ESC LABORATORIES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L770879

D025

Acctnum: CHIROCKAR
Template: T98870
Prelogin: P511909
TSR: 134 - Mark W. Beasley
PB: 6-11-15

Shipped Via: FedEX Ground

Hold #

Condition: (lab use only) GOOD

COC Seal Intact: ___ Y ___ N ___ NA ✓

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Darren Mottley	6-11-15	8:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ___

Temp: 3.1 °C Bottles Received: 24

Date: 6/12/15 Time: 09 00

pH Checked: <2 >12 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 Collected: Mt. Home, AR

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

Immediately Packed on Ice N ____ Y X

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

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L770879

Table #

Acctnum: CHIROCKAR
Template: T98870
Prelogin: P511909
TSR: 134 - Mark W. Beasley
PB: 6/11/15

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CN 250mlHDPEAmb-NaOH >12	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe,Mn,Sn 500mlHDPE-HNO3 <2	SULFIDE 125mlAmb-S-NaOH+ZnAc >12	TOC 250mlAmb-Septa-HCl <2	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl				Rem./Contaminant	Sample # (lab only)
NAB-1		GW				7	X	X	X	X	X	X						~~10~~
NAB-2	G	GW		6-9-15	938	7	X	X	X	X	X	X						10
NAB-3	G	GW		6-9-15	8:00	7	X	X	X	X	X	X						11
NAB-4	G	GW		6-9-15	1014	7	X	X	X	X	X	X						12
NAB-7	G	GW		6-9-15	1610	7	X	X	X	X	X	X						13
NAB-8	G	GW		6-9-15	630	7	X	X	X	X	X	X						14
MW-509D	G	GW		6-9-15	910	7	X	X	X	X	X	X						15
MW-577	G	GW		6-9-15	828	7	X	X	X	X	X	X						16
MW-689D	G	GW		6-8-15	15:58	7	X	X	X	X	X	X						17
MW-633D	G	GW		6-8-15	1413	7	X	X	X	X	X	X						18

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

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Darren Motley	6-11-15	8:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ____

Temp: 3.1 °C Bottles Received: 24

Date: 6/12/15 Time: 0900

Condition: GDS (lab use only)

COC Seal Intact: ___Y ___N ✓NA

pH Checked: <2, >12 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 Collected: Mt. Home, AR

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

Immediately Packed on Ice N ___ Y X

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CN 250mlHDPEAmb-NaOH >12	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe,Mn,Sn 500mlHDPE-HNO3 <2	SULFIDE 125mlAmb-S-NaOH+ZnAc >12	TOC 250mlAmb-Septa-HCl <2	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl				Rem./Contaminant	Sample # (lab only)
NE-2	G	GW		6-8-15	1618	7	X	X	X	X	X	X						19
NE-3	G	GW		6-10-15	630	7	X	X	X	X	X	X						20
NE-6	G	GW		6-9-15	1235	7	X	X	X	X	X	X						21
MW-1R	G	GW		6-8-15	17:10	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		6-10-15	1032	7	X	X	X	X	X	X						23
TSP-4	G	GW		6-10-15	1020	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 GW

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Darren Motley	6-11-15	8:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: 3.1 °C Bottles Received: 24

Date: 6/12/15 Time: 0920

Chain of Custody Page ___ of ___

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L #

Table #

Acctnum: CHIROCKAR
Template: T98870
Prelogin: P511909
TSR: 134 - Mark W. Beasley
PB: 6-15-15

Shipped Via: FedEX Ground

Hold #

Condition: (lab use only) OK

COC Seal Intact: ___Y ___N ✓NA

pH Checked: <2, >12 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 Collected: Mt. Home, Ar

Phone: **501-812-4551**
Fax:

Client Project #

Lab Project # **CHIROCKAR-NABORS**

Collected by (print): Darren Mottley

Site/Facility ID #

P.O. #

Collected by (signature): Darren Mottley

Immediately Packed on Ice N ____ Y X

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CN 250mlHDPEAmb-NaOH >12	Cl, SO4, TDS 250mlHDPE-NoPres	M6010AP1 + Fe,Mn,Sn 500mlHDPE-HNO3 <2	SULFIDE 125mlAmb-S-NaOH+ZnAc >12	TOC 250mlAmb-Septa-HCl <2	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl				Rem./Contaminant	Sample # (lab only)
SP-7	G	GW		6-10-15	9:00	7	X	X	X	X	X	X						-24
SPRING-A	G	GW		6-10-15	1000	7	X	X	X	X	X	X						25
SPRING-B	G	GW		6-10-15	935	7	X	X	X	X	X	X						26
SP-NE-3	G	GW		6-10-15	830	7	X	X	X	X	X	X						27
LANDFILL ENTRANCE SEEP	G	GW		6-10-15	915	7	X	X	X	X	X	X						28
CLASS IV DRAW	G	GW		6-10-15	810	7	X	X	X	X	X	X						29
CLASS I DRAW	G	GW		6-10-15	745	7	X	X	X	X	X	X						30
LEACHATE	G	GW		6-10-15	715	7	X	X	X	X	X	X						31
DUPLICATE	G	GW		6-9-15	1435	7	X	X	X	X	X	X						32
FIELD BLANK	G	GW		6-9-15	14:40	7	X	X	X	X	X	X						33

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Darren Mottley	6-11-15	8:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____
Temp: 3.1 °C Bottles Received: 24
Date: 6/12/15 Time: 0900

Hold #

Condition: (lab use only) GDS

COC Seal Intact: ___Y ___N ___NA ✓

pH Checked: <2, >12 NCF: ✓

Chain of Custody Page ___ of ___

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L770879

Table #

Acctnum: CHIROCKAR
Template: T98870
Prelogin: P511909
TSR: 134 - Mark W. Beasley
PB: 6-1-15

Shipped Via: FedEx Ground

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 Collected: Mt. Home, AR

Phone: **501-812-4551**
Fax:

Client Project #

Lab Project # **CHIROCKAR-NABORS**

Collected by (print): Darren Mottley

Site/Facility ID #

P.O. #

Collected by (signature): Darren Mottley

Immediately Packed on Ice N ___ Y X

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

Analysis / Container / Preservative

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 <2	SULFIDE 125mlAmb-S-NaOH+ZnAc >12	TOC 250mlAmb-Septa-HCl <2	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl				Rem./Contaminant	Sample # (lab only)
		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	G	GW		6-9-15	1445	2						X						-34
TRIP BLANK		GW		6-9-15	1450	~~1~~ 8							X					35

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

MB

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Chain of Custody Page ___ of ___

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

L# L770879

Table #

Acctnum: CHIROCKAR
Template: T98870
Prelogin: P511909
TSR: 134 - Mark W. Beasley
PB: 6/15/15

Shipped Via: FedEX Ground

Hold #

Condition: (lab use only) OK

COC Seal Intact: ___Y ___N ___NA ✓

pH Checked: <2, >12 NCF: ✓

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ___

Temp: 3.1 °C Bottles Received: 24

Date: 6/12/15 Time: 0900

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Darren Mottley	6-11-15	8:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

ESC Lab Sciences
Non-Conformance Form

Login #: L770879	Client: CHIROCKAR	Date: 6/12/15	Evaluated by: Nikki

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time	x	Login Clarification Needed		**If Broken Container:**
	Improper temperature		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	Improper preservation		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Courie
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:
	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments: Did not receive TSP 4

Client informed by:		Call		Email		Voice Mail		Date: 6/12/15	Time: 1650
TSR Initials: MB	Client Contact: Stacie Whitmer								

Login Instructions:

Disregard – Sample was dry

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APPENDIX D

STATISTICAL DATABASE

AN ELECTRONIC DATABASE FILE IS INCLUDED WITH THIS REPORT SUBMITTAL

APPENDIX E

STATISTICAL EVALUATION

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 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	43	0.001367	0.001206	unknown	ShapiroWilk
Antimony (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0006945	unknown	ShapiroWilk
Antimony (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	27	0.000...	0.0006909	unknown	ShapiroWilk
Antimony (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	28	0.000...	0.0006802	unknown	ShapiroWilk
Antimony (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.001428	0.001193	unknown	ShapiroWilk
Antimony (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.001382	0.001209	unknown	ShapiroWilk
Antimony (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.001398	0.001199	unknown	ShapiroWilk
Antimony (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0001938	unknown	ShapiroWilk
Antimony (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0002362	unknown	ShapiroWilk
Antimony (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.00141	0.0012	unknown	ShapiroWilk
Antimony (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0002659	unknown	ShapiroWilk
Antimony (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0001372	unknown	ShapiroWilk
Antimony (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.001386	0.001206	unknown	ShapiroWilk
Antimony (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0001838	unknown	ShapiroWilk
Antimony (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.000151	unknown	ShapiroWilk
Antimony (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.000924	0.0006341	unknown	ShapiroWilk
Antimony (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0003139	unknown	ShapiroWilk
Antimony (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.000...	0.0002057	unknown	ShapiroWilk
Antimony (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.000625	0.0006952	unknown	ShapiroWilk
Antimony (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.000...	0.0006355	unknown	ShapiroWilk
Antimony (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.000...	0.0006869	unknown	ShapiroWilk
Antimony (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.0009896	unknown	ShapiroWilk
Antimony (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.000548	0.0005309	normal	ShapiroWilk
Antimony (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.000942	0.001444	ln(x)	ShapiroWilk
Antimony (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.000388	0.0002749	normal	ShapiroWilk
Antimony (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.001095	0.001471	ln(x)	ShapiroWilk
Arsenic (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.001455	0.001239	unknown	ShapiroWilk
Arsenic (mg/l)	**CAO-1**	**Yes**	**0.0005,0....**	**2/20/2009...**	**EPA 1989**	**0.05**	**29**	**0.02647**	**0.01219**	**normal**	**ShapiroWilk**
Arsenic (mg/l)	**CAO-2**	**Yes**	**0.11,0.031**	**12/16/200...**	**EPA 1989**	**0.05**	**29**	**0.007916**	**0.02047**	**ln(x)**	**ShapiroWilk**
Arsenic (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.001922	0.002678	unknown	ShapiroWilk
Arsenic (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.004041	0.002182	ln(x)	ShapiroWilk
Arsenic (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.001423	0.001105	unknown	ShapiroWilk
Arsenic (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.001467	0.001236	unknown	ShapiroWilk
Arsenic (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.005583	0.007215	ln(x)	ShapiroWilk
Arsenic (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.002806	0.003398	unknown	ShapiroWilk
Arsenic (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.001459	0.001247	unknown	ShapiroWilk
Arsenic (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.001567	0.001673	unknown	ShapiroWilk
Arsenic (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.002742	0.00404	unknown	ShapiroWilk
Arsenic (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.001513	0.001347	unknown	ShapiroWilk
Arsenic (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.03968	0.03658	ln(x)	ShapiroWilk
Arsenic (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.001952	0.001961	unknown	ShapiroWilk
Arsenic (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.0072	0.004436	ln(x)	ShapiroWilk
Arsenic (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.01285	0.02618	ln(x)	ShapiroWilk
Arsenic (mg/l)	**NAB-8**	**Yes**	**0.027**	**12/7/2010**	**EPA 1989**	**0.05**	**19**	**0.003774**	**0.005877**	**ln(x)**	**ShapiroWilk**
Arsenic (mg/l)	**SP-7**	**Yes**	**0.000125**	**3/9/2015**	**EPA 1989**	**0.05**	**15**	**0.003413**	**0.003303**	**ln(x)**	**ShapiroWilk**
Arsenic (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.000...	0.0008251	unknown	ShapiroWilk
Arsenic (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.001095	0.001032	ln(x)	ShapiroWilk
Arsenic (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.0005945	ln(x)	ShapiroWilk
Arsenic (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.04016	0.03282	normal	ShapiroWilk
Arsenic (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.02438	0.01514	normal	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Arsenic (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.005205	0.006198	ln(x)	ShapiroWilk
Arsenic (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.00237	0.002708	normal	ShapiroWilk
Barium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.03583	0.02235	unknown	ShapiroWilk
Barium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.201	0.06591	unknown	ShapiroWilk
Barium (mg/l)	**CAO-2**	**Yes**	**0.0275,0.2**	**10/11/200...**	**EPA 1989**	**0.05**	**29**	**0.08022**	**0.03149**	**ln(x)**	**ShapiroWilk**
Barium (mg/l)	**CAO-3**	**Yes**	**0.025**	**10/11/2005**	**EPA 1989**	**0.05**	**29**	**0.04507**	**0.006082**	**normal**	**ShapiroWilk**
Barium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.03444	0.02632	unknown	ShapiroWilk
Barium (mg/l)	**MW-3**	**Yes**	**0.005,0.0...**	**10/25/200...**	**EPA 1989**	**0.05**	**43**	**0.0506**	**0.03577**	**normal**	**ShapiroWilk**
Barium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.03571	0.02055	unknown	ShapiroWilk
Barium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.04746	0.03096	unknown	ShapiroWilk
Barium (mg/l)	**MW-577**	**Yes**	**0.039**	**12/8/2010**	**EPA 1989**	**0.05**	**24**	**0.028**	**0.003742**	**normal**	**ShapiroWilk**
Barium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.05025	0.04369	unknown	ShapiroWilk
Barium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.03719	0.002154	normal	ShapiroWilk
Barium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.03575	0.01552	unknown	ShapiroWilk
Barium (mg/l)	**MW-7**	**Yes**	**2.67**	**10/31/2002**	**EPA 1989**	**0.05**	**43**	**0.2078**	**0.4036**	**ln(x)**	**ShapiroWilk**
Barium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.02692	0.007255	unknown	ShapiroWilk
Barium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.04054	0.006866	normal	ShapiroWilk
Barium (mg/l)	**NAB-4**	**Yes**	**0.05**	**6/9/2015**	**EPA 1989**	**0.05**	**25**	**0.02936**	**0.006409**	**ln(x)**	**ShapiroWilk**
Barium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.02177	0.003216	ln(x)	ShapiroWilk
Barium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.05253	0.0302	unknown	ShapiroWilk
Barium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.06127	0.007914	normal	ShapiroWilk
Barium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.0413	0.007836	normal	ShapiroWilk
Barium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.1077	0.03078	normal	ShapiroWilk
Barium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.09267	0.0515	ln(x)	ShapiroWilk
Barium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.204	0.08473	ln(x)	ShapiroWilk
Barium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.0362	0.0224	normal	ShapiroWilk
Barium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.156	0.02302	normal	ShapiroWilk
Barium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.032	0.001581	normal	ShapiroWilk
Beryllium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.0003229	unknown	ShapiroWilk
Beryllium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.000...	0.0003177	unknown	ShapiroWilk
Beryllium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.000...	0.000488	unknown	ShapiroWilk
Beryllium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.000...	0.0002935	unknown	ShapiroWilk
Beryllium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.0005951	unknown	ShapiroWilk
Beryllium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.0004695	unknown	ShapiroWilk
Beryllium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.0003228	unknown	ShapiroWilk
Beryllium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.001194	0.001458	ln(x)	ShapiroWilk
Beryllium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0002789	unknown	ShapiroWilk
Beryllium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.0003224	unknown	ShapiroWilk
Beryllium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0003121	unknown	ShapiroWilk
Beryllium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0004885	unknown	ShapiroWilk
Beryllium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.0003598	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0002979	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0003022	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0003105	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0002923	unknown	ShapiroWilk
Beryllium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.000...	0.0007152	unknown	ShapiroWilk
Beryllium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.004645	0.01615	unknown	ShapiroWilk
Beryllium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.000...	0.0002881	unknown	ShapiroWilk
Beryllium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.000478	0.000333	unknown	ShapiroWilk
Beryllium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.0003531	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Beryllium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.000956	0.001711	ln(x)	ShapiroWilk
Beryllium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.000304	0.0002265	unknown	ShapiroWilk
Beryllium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.000264	0.0002229	ln(x)	ShapiroWilk
Beryllium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.000252	0.0002287	ln(x)	ShapiroWilk
Cadmium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.001426	0.0007594	unknown	ShapiroWilk
Cadmium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.001768	0.002049	unknown	ShapiroWilk
Cadmium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.001339	0.001356	unknown	ShapiroWilk
Cadmium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.001308	0.0009939	unknown	ShapiroWilk
Cadmium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.001316	0.0009095	unknown	ShapiroWilk
Cadmium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.00186	0.0008731	unknown	ShapiroWilk
Cadmium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.001321	0.0009025	unknown	ShapiroWilk
Cadmium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.007665	0.008365	unknown	ShapiroWilk
Cadmium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.00103	unknown	ShapiroWilk
Cadmium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.001277	0.0008884	unknown	ShapiroWilk
Cadmium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.001742	0.0007695	unknown	ShapiroWilk
Cadmium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.001024	0.001075	unknown	ShapiroWilk
Cadmium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.00131	0.0009143	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.001288	0.001146	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.001527	0.001051	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.002144	0.0008568	normal	ShapiroWilk
Cadmium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.001151	0.001095	unknown	ShapiroWilk
Cadmium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.00152	0.001631	unknown	ShapiroWilk
Cadmium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.000...	0.0009472	unknown	ShapiroWilk
Cadmium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.001171	0.0009899	unknown	ShapiroWilk
Cadmium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.000692	0.0009601	unknown	ShapiroWilk
Cadmium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.001154	unknown	ShapiroWilk
Cadmium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.007826	0.01577	ln(x)	ShapiroWilk
Cadmium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.000314	0.000255	normal	ShapiroWilk
Cadmium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.000528	0.0006031	normal	ShapiroWilk
Cadmium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.00036	0.0003246	normal	ShapiroWilk
Chloride (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	42	4.381	1.66	ln(x)	ShapiroWilk
Chloride (mg/l)	**CAO-1**	**Yes**	**2.7,3**	**8/25/2007...**	**EPA 1989**	**0.05**	**28**	**33.11**	**19.92**	**ln(x)**	**ShapiroWilk**
Chloride (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	28	19.43	10.2	unknown	ShapiroWilk
Chloride (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	28	6.182	4.867	unknown	ShapiroWilk
Chloride (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	42	6.783	3.812	unknown	ShapiroWilk
Chloride (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	42	7.236	2.813	ln(x)	ShapiroWilk
Chloride (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	42	4.107	0.8902	normal	ShapiroWilk
Chloride (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	25	3.996	1.266	normal	ShapiroWilk
Chloride (mg/l)	**MW-577**	**Yes**	**6.3,5.1**	**4/29/2008...**	**EPA 1989**	**0.05**	**23**	**1.97**	**1.242**	**normal**	**ShapiroWilk**
Chloride (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	42	7.367	2.581	unknown	ShapiroWilk
Chloride (mg/l)	**MW-633D**	**Yes**	**9.6**	**6/8/2015**	**EPA 1989**	**0.05**	**25**	**5.732**	**1.098**	**normal**	**ShapiroWilk**
Chloride (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	23	2.922	1.351	ln(x)	ShapiroWilk
Chloride (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	42	4.023	2.302	unknown	ShapiroWilk
Chloride (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	25	2.572	0.7733	ln(x)	ShapiroWilk
Chloride (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	25	3.192	0.9755	normal	ShapiroWilk
Chloride (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	24	3.842	0.5815	normal	ShapiroWilk
Chloride (mg/l)	**NAB-7**	**Yes**	**6.7**	**3/10/2015**	**EPA 1989**	**0.05**	**25**	**2.516**	**1.131**	**ln(x)**	**ShapiroWilk**
Chloride (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	18	1.767	0.2849	normal	ShapiroWilk
Chloride (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	14	8.743	4.668	normal	ShapiroWilk
Chloride (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	22	3.109	1.151	normal	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chloride (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	9	39.41	39.38	ln(x)	ShapiroWilk
Chloride (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	8	5.638	2.378	ln(x)	ShapiroWilk
Chloride (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	4	73.75	36.97	normal	ShapiroWilk
Chloride (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	4	50.5	13.08	normal	ShapiroWilk
Chloride (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	4	3.95	2.281	normal	ShapiroWilk
Chloride (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	4	2.1	0.1414	normal	ShapiroWilk
Cobalt (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.008077	0.007595	unknown	ShapiroWilk
Cobalt (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.05192	0.0218	normal	ShapiroWilk
Cobalt (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.01084	0.02021	unknown	ShapiroWilk
Cobalt (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.009424	0.01825	unknown	ShapiroWilk
Cobalt (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.008002	0.007641	unknown	ShapiroWilk
Cobalt (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.008077	0.007595	unknown	ShapiroWilk
Cobalt (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.008014	0.007632	unknown	ShapiroWilk
Cobalt (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.005215	0.002628	unknown	ShapiroWilk
Cobalt (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.004679	0.001087	unknown	ShapiroWilk
Cobalt (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.008077	0.007595	unknown	ShapiroWilk
Cobalt (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.004562	0.001238	unknown	ShapiroWilk
Cobalt (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.004112	0.001454	unknown	ShapiroWilk
Cobalt (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.008379	0.00767	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.0046	0.001145	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.004469	0.001212	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.00446	0.001278	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.00555	0.006356	unknown	ShapiroWilk
Cobalt (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.005384	0.00374	unknown	ShapiroWilk
Cobalt (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.00414	0.00153	unknown	ShapiroWilk
Cobalt (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.004665	0.001109	unknown	ShapiroWilk
Cobalt (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.00476	0.003309	unknown	ShapiroWilk
Cobalt (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.004011	0.001669	unknown	ShapiroWilk
Cobalt (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.1022	0.04143	normal	ShapiroWilk
Cobalt (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.0034	0.002058	unknown	ShapiroWilk
Cobalt (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.00486	0.004431	normal	ShapiroWilk
Cobalt (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.00346	0.002109	unknown	ShapiroWilk
Copper (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.003671	0.003634	unknown	ShapiroWilk
Copper (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.004688	0.004172	unknown	ShapiroWilk
Copper (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.005226	0.006306	unknown	ShapiroWilk
Copper (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.004552	0.00425	unknown	ShapiroWilk
Copper (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.003733	0.003492	unknown	ShapiroWilk
Copper (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.003658	0.003646	unknown	ShapiroWilk
Copper (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.003654	0.003647	unknown	ShapiroWilk
Copper (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.01032	0.01177	unknown	ShapiroWilk
Copper (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.004299	0.004431	unknown	ShapiroWilk
Copper (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.003777	0.003597	unknown	ShapiroWilk
Copper (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.004446	0.004515	unknown	ShapiroWilk
Copper (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.006634	0.006692	unknown	ShapiroWilk
Copper (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.003553	0.003501	unknown	ShapiroWilk
Copper (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.004489	0.004481	unknown	ShapiroWilk
Copper (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.004836	0.004276	unknown	ShapiroWilk
Copper (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.004742	0.004257	unknown	ShapiroWilk
Copper (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.004375	0.004553	unknown	ShapiroWilk
Copper (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.007807	0.01199	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Copper (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.002865	0.003723	unknown	ShapiroWilk
Copper (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.003405	0.004106	unknown	ShapiroWilk
Copper (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.002912	0.00383	ln(x)	ShapiroWilk
Copper (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.003132	0.004117	ln(x)	ShapiroWilk
Copper (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.01484	0.0314	ln(x)	ShapiroWilk
Copper (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.003644	0.00364	normal	ShapiroWilk
Copper (mg/l)	**NE-3**	**Yes**	**0.019**	**6/20/2012**	**EPA 1989**	**0.05**	**5**	**0.004236**	**0.008259**	**normal**	**ShapiroWilk**
Copper (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.001004	0.0009145	normal	ShapiroWilk
Cyanide (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	12	0.007025	0.01669	unknown	ShapiroWilk
Cyanide (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	12	0.002267	0.0009069	unknown	ShapiroWilk
Cyanide (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	12	0.00235	0.0007868	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	12	0.002583	0.001436	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	12	0.002233	0.0006228	unknown	ShapiroWilk
Cyanide (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	10	0.00218	0.0006746	unknown	ShapiroWilk
Cyanide (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	9	0.002144	0.0007055	unknown	ShapiroWilk
Cyanide (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	11	0.003255	0.003621	unknown	ShapiroWilk
Cyanide (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	4	0.0017	0.0009238	unknown	ShapiroWilk
Cyanide (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	5	0.00186	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.00186	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.00186	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.00186	0.0008764	unknown	ShapiroWilk
Cyanide (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.00186	0.0008764	unknown	ShapiroWilk
Dissolved Solids (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	327.9	30.49	unknown	ShapiroWilk
Dissolved Solids (mg/l)	**CAO-1**	**Yes**	**120**	**2/20/2009**	**EPA 1989**	**0.05**	**29**	**634.6**	**153.1**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	**CAO-2**	**Yes**	**770**	**2/7/2007**	**EPA 1989**	**0.05**	**29**	**434**	**79.05**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	371.5	92.18	unknown	ShapiroWilk
Dissolved Solids (mg/l)	**MW-2**	**Yes**	**210,220,250**	**6/17/2010...**	**EPA 1989**	**0.05**	**43**	**343.9**	**45.79**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	**MW-3**	**Yes**	**787,252**	**10/29/200...**	**EPA 1989**	**0.05**	**43**	**451.9**	**88.21**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	368.2	30.97	normal	ShapiroWilk
Dissolved Solids (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	355.8	61.2	ln(x)	ShapiroWilk
Dissolved Solids (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	465.8	26.85	normal	ShapiroWilk
Dissolved Solids (mg/l)	**MW-6**	**Yes**	**330,340,460**	**11/18/200...**	**EPA 1989**	**0.05**	**43**	**396.9**	**21.88**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	403.5	23.48	ln(x)	ShapiroWilk
Dissolved Solids (mg/l)	**MW-689D**	**Yes**	**180,200,220**	**2/7/2007,...**	**EPA 1989**	**0.05**	**24**	**352.1**	**70.28**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	324.5	26.71	normal	ShapiroWilk
Dissolved Solids (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	385.8	30.35	unknown	ShapiroWilk
Dissolved Solids (mg/l)	**NAB-3**	**Yes**	**250**	**7/25/2006**	**EPA 1989**	**0.05**	**26**	**380**	**49.8**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	409.2	42.32	normal	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Dissolved Solids (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	350	25.14	normal	ShapiroWilk
Dissolved Solids (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	347.4	20.23	normal	ShapiroWilk
Dissolved Solids (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	255.3	59.27	ln(x)	ShapiroWilk
Dissolved Solids (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	313.9	55.33	unknown	ShapiroWilk
Dissolved Solids (mg/l)	**SPRINGB**	**Yes**	**230**	**3/23/2010**	**EPA 1989**	**0.05**	**10**	**504**	**142**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	**TSP-3**	**Yes**	**170**	**3/23/2010**	**EPA 1989**	**0.05**	**9**	**342.2**	**85.11**	**normal**	**ShapiroWilk**
Dissolved Solids (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	854	85.91	normal	ShapiroWilk
Dissolved Solids (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	2960	270.2	normal	ShapiroWilk
Dissolved Solids (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	350	15.81	normal	ShapiroWilk
Dissolved Solids (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	400	30	normal	ShapiroWilk
Iron (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.07456	0.1518	unknown	ShapiroWilk
Iron (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	24.59	10.14	unknown	ShapiroWilk
Iron (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	3.203	8.833	unknown	ShapiroWilk
Iron (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.7049	1.221	ln(x)	ShapiroWilk
Iron (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.0586	0.07433	unknown	ShapiroWilk
Iron (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.1143	0.2442	unknown	ShapiroWilk
Iron (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.05002	0.05092	unknown	ShapiroWilk
Iron (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	5.32	9.299	unknown	ShapiroWilk
Iron (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.5296	0.8	ln(x)	ShapiroWilk
Iron (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.04412	0.03526	unknown	ShapiroWilk
Iron (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.3049	0.4219	unknown	ShapiroWilk
Iron (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	3.078	5.599	unknown	ShapiroWilk
Iron (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.1041	0.1175	unknown	ShapiroWilk
Iron (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.3907	0.5926	ln(x)	ShapiroWilk
Iron (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.2546	0.3767	unknown	ShapiroWilk
Iron (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.3212	0.4037	unknown	ShapiroWilk
Iron (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.8387	2.039	unknown	ShapiroWilk
Iron (mg/l)	**NAB-8**	**Yes**	**48**	**12/7/2010**	**EPA 1989**	**0.05**	**19**	**2.948**	**10.93**	**ln(x)**	**ShapiroWilk**
Iron (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	2.828	1.761	ln(x)	ShapiroWilk
Iron (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.5815	0.8377	ln(x)	ShapiroWilk
Iron (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	1.085	1.42	ln(x)	ShapiroWilk
Iron (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.2747	0.5082	ln(x)	ShapiroWilk
Iron (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	19.14	24.57	ln(x)	ShapiroWilk
Iron (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	8.22	4.879	normal	ShapiroWilk
Iron (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	3.379	5.96	ln(x)	ShapiroWilk
Iron (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.9548	1.298	ln(x)	ShapiroWilk
Lead (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.001924	0.001408	unknown	ShapiroWilk
Lead (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.004422	0.00609	ln(x)	ShapiroWilk
Lead (mg/l)	**CAO-2**	**Yes**	**0.21**	**12/16/2009**	**EPA 1989**	**0.05**	**29**	**0.01255**	**0.03907**	**ln(x)**	**ShapiroWilk**
Lead (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.004442	0.007404	ln(x)	ShapiroWilk
Lead (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.002198	0.001712	unknown	ShapiroWilk
Lead (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.002104	0.001912	unknown	ShapiroWilk
Lead (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.001984	0.001694	unknown	ShapiroWilk
Lead (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.02035	0.03737	ln(x)	ShapiroWilk
Lead (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.003268	0.004495	ln(x)	ShapiroWilk
Lead (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.002037	0.001639	unknown	ShapiroWilk
Lead (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.003032	0.006044	unknown	ShapiroWilk
Lead (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.01672	0.02894	ln(x)	ShapiroWilk
Lead (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.002039	0.001434	unknown	ShapiroWilk
Lead (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.004731	0.004952	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.002028	0.001392	unknown	ShapiroWilk
Lead (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.003295	0.003545	unknown	ShapiroWilk
Lead (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.03112	0.07387	ln(x)	ShapiroWilk
Lead (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.01071	0.0338	unknown	ShapiroWilk
Lead (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.002518	0.00203	unknown	ShapiroWilk
Lead (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.001797	0.002115	ln(x)	ShapiroWilk
Lead (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.001908	0.001938	ln(x)	ShapiroWilk
Lead (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.002086	0.002445	ln(x)	ShapiroWilk
Lead (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.05018	0.1062	ln(x)	ShapiroWilk
Lead (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.006084	0.006856	ln(x)	ShapiroWilk
Lead (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.0104	0.01613	ln(x)	ShapiroWilk
Lead (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.002402	0.002776	normal	ShapiroWilk
Manganese (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.01207	0.009899	unknown	ShapiroWilk
Manganese (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	6.177	3.132	normal	ShapiroWilk
Manganese (mg/l)	**CAO-2**	**Yes**	**11**	**2/7/2007**	**EPA 1989**	**0.05**	**29**	**0.6756**	**2.079**	**ln(x)**	**ShapiroWilk**
Manganese (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.02891	0.0397	ln(x)	ShapiroWilk
Manganese (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.01276	0.009769	unknown	ShapiroWilk
Manganese (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.04183	0.1391	unknown	ShapiroWilk
Manganese (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.01203	0.00993	unknown	ShapiroWilk
Manganese (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.1539	0.2808	unknown	ShapiroWilk
Manganese (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.01058	0.013	unknown	ShapiroWilk
Manganese (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.012	0.009948	unknown	ShapiroWilk
Manganese (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.01596	0.01913	unknown	ShapiroWilk
Manganese (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.0365	0.06154	unknown	ShapiroWilk
Manganese (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.1963	0.3176	unknown	ShapiroWilk
Manganese (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.01886	0.01265	ln(x)	ShapiroWilk
Manganese (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.1712	0.2917	ln(x)	ShapiroWilk
Manganese (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.02029	0.02101	ln(x)	ShapiroWilk
Manganese (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.0191	0.04772	unknown	ShapiroWilk
Manganese (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.05184	0.1646	unknown	ShapiroWilk
Manganese (mg/l)	**SP-7**	**Yes**	**0.11**	**3/9/2015**	**EPA 1989**	**0.05**	**15**	**0.72**	**0.4268**	**ln(x)**	**ShapiroWilk**
Manganese (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.08817	0.05111	ln(x)	ShapiroWilk
Manganese (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.5957	0.8266	ln(x)	ShapiroWilk
Manganese (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.4793	0.8491	ln(x)	ShapiroWilk
Manganese (mg/l)	**MW-1R**	**Yes**	**4.8**	**6/21/2012**	**EPA 1989**	**0.05**	**5**	**1.52**	**1.843**	**normal**	**ShapiroWilk**
Manganese (mg/l)	**NE-2**	**Yes**	**0.19**	**12/18/2014**	**EPA 1989**	**0.05**	**5**	**0.0924**	**0.05562**	**normal**	**ShapiroWilk**
Manganese (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.1418	0.1907	ln(x)	ShapiroWilk
Manganese (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.01524	0.01588	normal	ShapiroWilk
Mercury (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000706	unknown	ShapiroWilk
Mercury (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0001728	unknown	ShapiroWilk
Mercury (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0000...	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Mercury (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	18	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.002138	0.002784	ln(x)	ShapiroWilk
Mercury (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.000...	0.0000...	unknown	ShapiroWilk
Nickel (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.01009	0.008273	unknown	ShapiroWilk
Nickel (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.05426	0.02862	normal	ShapiroWilk
Nickel (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.01839	0.02772	unknown	ShapiroWilk
Nickel (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.01573	0.01998	unknown	ShapiroWilk
Nickel (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.009695	0.007734	unknown	ShapiroWilk
Nickel (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.01018	0.008045	unknown	ShapiroWilk
Nickel (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.009607	0.00773	unknown	ShapiroWilk
Nickel (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.01084	0.004589	unknown	ShapiroWilk
Nickel (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.009208	0.002206	unknown	ShapiroWilk
Nickel (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.009593	0.007762	unknown	ShapiroWilk
Nickel (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.0096	0.002429	unknown	ShapiroWilk
Nickel (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.009217	0.002359	unknown	ShapiroWilk
Nickel (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.01105	0.01064	unknown	ShapiroWilk
Nickel (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.01087	0.007186	unknown	ShapiroWilk
Nickel (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.0108	0.007086	unknown	ShapiroWilk
Nickel (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.01674	0.02619	unknown	ShapiroWilk
Nickel (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.009312	0.002756	unknown	ShapiroWilk
Nickel (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.01229	0.009246	unknown	ShapiroWilk
Nickel (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.00898	0.002652	unknown	ShapiroWilk
Nickel (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.009257	0.002188	unknown	ShapiroWilk
Nickel (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.00805	0.003255	unknown	ShapiroWilk
Nickel (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.008322	0.003329	unknown	ShapiroWilk
Nickel (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.0918	0.0424	normal	ShapiroWilk
Nickel (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.0238	0.0155	normal	ShapiroWilk
Nickel (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.01066	0.01234	ln(x)	ShapiroWilk
Nickel (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.00698	0.004135	unknown	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**	**ln(x)**	**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**

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
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	43	0.005323	0.006993	unknown	ShapiroWilk
Selenium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.008056	0.01356	ln(x)	ShapiroWilk
Selenium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.00606	0.01014	unknown	ShapiroWilk
Selenium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.004485	0.00526	unknown	ShapiroWilk
Selenium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.005349	0.007263	unknown	ShapiroWilk
Selenium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.004811	0.005328	unknown	ShapiroWilk
Selenium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.005232	0.006713	unknown	ShapiroWilk
Selenium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.005514	0.009061	unknown	ShapiroWilk
Selenium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.00362	0.004533	unknown	ShapiroWilk
Selenium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.004936	0.005489	unknown	ShapiroWilk
Selenium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.005726	0.008301	unknown	ShapiroWilk
Selenium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.005452	0.01083	unknown	ShapiroWilk
Selenium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.005511	0.007145	unknown	ShapiroWilk
Selenium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.004642	0.005897	unknown	ShapiroWilk
Selenium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.005688	0.01013	unknown	ShapiroWilk
Selenium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.004754	0.006728	unknown	ShapiroWilk
Selenium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.004634	0.005987	unknown	ShapiroWilk
Selenium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.007277	0.01185	unknown	ShapiroWilk
Selenium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.003404	0.006839	unknown	ShapiroWilk
Selenium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.003712	0.0061	unknown	ShapiroWilk
Selenium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.002445	0.00399	unknown	ShapiroWilk
Selenium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.002598	0.004203	unknown	ShapiroWilk
Selenium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.000376	0.0001698	unknown	ShapiroWilk
Selenium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.000708	0.0007077	normal	ShapiroWilk
Selenium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.000636	0.0004974	normal	ShapiroWilk
Selenium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.000476	0.0003314	normal	ShapiroWilk
Silver (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.004666	0.001151	unknown	ShapiroWilk
Silver (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.005091	0.004659	unknown	ShapiroWilk
Silver (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.004326	0.001597	unknown	ShapiroWilk
Silver (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.004322	0.001525	unknown	ShapiroWilk
Silver (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.004455	0.001329	unknown	ShapiroWilk
Silver (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.004502	0.001311	unknown	ShapiroWilk
Silver (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.005994	0.009135	unknown	ShapiroWilk
Silver (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.007492	0.01421	unknown	ShapiroWilk
Silver (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.004683	0.001073	unknown	ShapiroWilk
Silver (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.005855	0.009172	unknown	ShapiroWilk
Silver (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.005154	0.002128	unknown	ShapiroWilk
Silver (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.009075	0.02152	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.005181	0.004685	unknown	ShapiroWilk
Silver (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.004754	0.0009997	unknown	ShapiroWilk
Silver (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.009265	0.02262	unknown	ShapiroWilk
Silver (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.00474	0.001509	unknown	ShapiroWilk
Silver (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.004658	0.001015	unknown	ShapiroWilk
Silver (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.3254	1.398	unknown	ShapiroWilk
Sulfate (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	22	11.54	5.576	normal	ShapiroWilk
Sulfate (mg/l)	**SPRINGB**	**Yes**	**0.0385**	**6/10/2015**	**EPA 1989**	**0.05**	**9**	**16.85**	**13.13**	**normal**	**ShapiroWilk**
Sulfate (mg/l)	**TSP-3**	**Yes**	**0.0385**	**6/10/2015**	**EPA 1989**	**0.05**	**8**	**6.88**	**4.331**	**normal**	**ShapiroWilk**
Sulfate (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	4	18.25	4.031	normal	ShapiroWilk
Sulfate (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	4	1725	320.2	unknown	ShapiroWilk
Sulfate (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	4	24.75	7.632	normal	ShapiroWilk
Sulfate (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	4	33	2.16	normal	ShapiroWilk
Thallium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.000516	0.0001594	unknown	ShapiroWilk
Thallium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.000...	0.001404	unknown	ShapiroWilk
Thallium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.000571	0.0005591	unknown	ShapiroWilk
Thallium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.000...	0.0001947	unknown	ShapiroWilk
Thallium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.001607	unknown	ShapiroWilk
Thallium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.00176	unknown	ShapiroWilk
Thallium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.000...	0.001472	unknown	ShapiroWilk
Thallium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0002216	unknown	ShapiroWilk
Thallium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.000...	0.000158	unknown	ShapiroWilk
Thallium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.000644	0.0008513	unknown	ShapiroWilk
Thallium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0001172	unknown	ShapiroWilk
Thallium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.000475	0.0001624	unknown	ShapiroWilk
Thallium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.000644	0.0008513	unknown	ShapiroWilk
Thallium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0001516	unknown	ShapiroWilk
Thallium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0001516	unknown	ShapiroWilk
Thallium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.000...	0.0001332	unknown	ShapiroWilk
Thallium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.000...	0.0001516	unknown	ShapiroWilk
Thallium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.000...	0.0001926	unknown	ShapiroWilk
Thallium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.000...	0.0002021	unknown	ShapiroWilk
Thallium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.000...	0.0004499	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	**SPRINGA**	**Yes**	**27**	**12/8/2010**	**EPA 1989**	**0.05**	**23**	**3.169**	**5.318**	**normal**	**ShapiroWilk**
TOC [Total Organic Carbon] (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	6.53	3.862	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	4.044	1.602	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	14.6	12.49	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	74	26.08	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	2.018	2.101	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.722	0.9594	ln(x)	ShapiroWilk
Vanadium (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.06957	0.09182	unknown	ShapiroWilk
Vanadium (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.006042	0.004673	unknown	ShapiroWilk
Vanadium (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.008393	0.01302	unknown	ShapiroWilk
Vanadium (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	29	0.006228	0.005781	unknown	ShapiroWilk
Vanadium (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.06899	0.09215	unknown	ShapiroWilk
Vanadium (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.07043	0.09145	unknown	ShapiroWilk
Vanadium (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.06957	0.09187	unknown	ShapiroWilk
Vanadium (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.01517	0.02081	unknown	ShapiroWilk
Vanadium (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.005871	0.00516	unknown	ShapiroWilk
Vanadium (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.06985	0.09175	unknown	ShapiroWilk

Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	0.004785	0.001538	unknown	ShapiroWilk
Vanadium (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.009725	0.0105	unknown	ShapiroWilk
Vanadium (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.06974	0.09178	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.006192	0.004908	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.007546	0.009426	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.008216	0.01245	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.006785	0.006963	unknown	ShapiroWilk
Vanadium (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.01073	0.02116	unknown	ShapiroWilk
Vanadium (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.005587	0.002892	unknown	ShapiroWilk
Zinc (mg/l)	**SPRINGB**	**Yes**	**0.005**	**4/29/2008**	**EPA 1989**	**0.05**	**10**	**0.0266**	**0.01414**	**normal**	**ShapiroWilk**
Zinc (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.3767	1.096	unknown	ShapiroWilk
Zinc (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	2.01	1.586	ln(x)	ShapiroWilk
Zinc (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.2142	0.4395	ln(x)	ShapiroWilk
Zinc (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.105	0.09483	ln(x)	ShapiroWilk
Zinc (mg/l)	**NE-6**	**Yes**	**0.35**	**12/16/2014**	**EPA 1989**	**0.05**	**5**	**0.608**	**0.1563**	**normal**	**ShapiroWilk**
Silver (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.005147	0.003001	unknown	ShapiroWilk
Silver (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.004617	0.001068	unknown	ShapiroWilk
Silver (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.00414	0.001509	unknown	ShapiroWilk
Silver (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.0042	0.001587	unknown	ShapiroWilk
Silver (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.00356	0.001972	unknown	ShapiroWilk
Silver (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.00356	0.001972	unknown	ShapiroWilk
Silver (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.00356	0.001972	unknown	ShapiroWilk
Silver (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.00356	0.001972	unknown	ShapiroWilk
Sulfate (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	42	11.33	1.926	normal	ShapiroWilk
Sulfate (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	28	13.81	8.094	unknown	ShapiroWilk
Sulfate (mg/l)	**CAO-2**	**Yes**	**0.0385,0....**	**3/11/2015...**	**EPA 1989**	**0.05**	**28**	**10.33**	**7.286**	**ln(x)**	**ShapiroWilk**
Sulfate (mg/l)	CAO-3	No	n/a	n/a	EPA 1989	0.05	28	28.81	33.02	unknown	ShapiroWilk
Sulfate (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	42	18.72	8.169	unknown	ShapiroWilk
Sulfate (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	42	9.565	3.548	unknown	ShapiroWilk
Sulfate (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	42	7.206	2.195	unknown	ShapiroWilk
Sulfate (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	25	7.976	2.025	normal	ShapiroWilk
Sulfate (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	23	53.09	14.29	normal	ShapiroWilk
Sulfate (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	42	5.903	1.62	unknown	ShapiroWilk
Sulfate (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	25	14.2	2.291	unknown	ShapiroWilk
Sulfate (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	23	11.47	3.727	unknown	ShapiroWilk
Sulfate (mg/l)	**MW-7**	**Yes**	**2.5,33.4,...**	**10/25/200...**	**EPA 1989**	**0.05**	**42**	**10.44**	**5.282**	**normal**	**ShapiroWilk**
Sulfate (mg/l)	**NAB-2**	**Yes**	**53**	**9/7/2006**	**EPA 1989**	**0.05**	**25**	**20.24**	**7.628**	**ln(x)**	**ShapiroWilk**
Sulfate (mg/l)	**NAB-3**	**Yes**	**56**	**9/20/2012**	**EPA 1989**	**0.05**	**25**	**13.13**	**9.695**	**ln(x)**	**ShapiroWilk**
Sulfate (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	24	38.33	12.24	ln(x)	ShapiroWilk
Sulfate (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	25	20.18	5.846	normal	ShapiroWilk
Sulfate (mg/l)	**NAB-8**	**Yes**	**24**	**7/25/2006**	**EPA 1989**	**0.05**	**18**	**11.78**	**3.556**	**normal**	**ShapiroWilk**
Sulfate (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	14	10.66	2.789	normal	ShapiroWilk
Thallium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.000469	0.0002513	unknown	ShapiroWilk
Thallium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.0002663	unknown	ShapiroWilk
Thallium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.001838	0.002763	ln(x)	ShapiroWilk
Thallium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.000292	0.0002029	normal	ShapiroWilk
Thallium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.000438	0.0003738	normal	ShapiroWilk
Thallium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.000362	0.0002486	normal	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	2.637	7.724	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	**CAO-1**	**Yes**	**83**	**12/8/2010**	**EPA 1989**	**0.05**	**29**	**10.68**	**14.55**	**normal**	**ShapiroWilk**

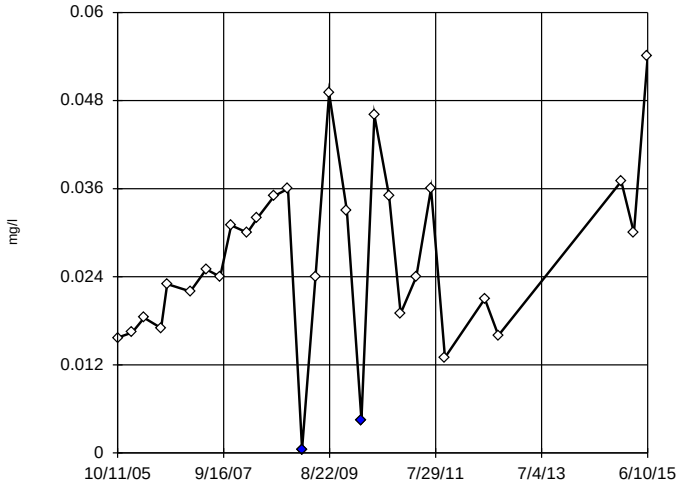
Outlier Analysis

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
TOC [Total Organic Carbon] (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	3.025	2.794	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	**CAO-3**	**Yes**	**0.05**	**3/11/2015**	**EPA 1989**	**0.05**	**29**	**2.367**	**2.254**	**ln(x)**	**ShapiroWilk**
TOC [Total Organic Carbon] (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	2.827	7.448	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	2.308	4.216	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	1.927	2.948	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	2.045	1.665	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	3.703	10.36	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	2.643	4.855	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-633D	No	n/a	n/a	EPA 1989	0.05	26	2.108	2.15	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	1.994	2.173	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	3.994	11.19	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	1.78	1.724	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	**NAB-3**	**Yes**	**0.05**	**6/9/2015**	**EPA 1989**	**0.05**	**26**	**2.603**	**2.748**	**ln(x)**	**ShapiroWilk**
TOC [Total Organic Carbon] (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	2.875	6.408	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	2.953	5.899	unknown	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	2.812	2.64	ln(x)	ShapiroWilk
TOC [Total Organic Carbon] (mg/l)	**SP-7**	**Yes**	**16**	**12/8/2010**	**EPA 1989**	**0.05**	**15**	**4.173**	**3.486**	**normal**	**ShapiroWilk**
Vanadium (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.005865	0.005498	unknown	ShapiroWilk
Vanadium (mg/l)	SPRINGB	No	n/a	n/a	EPA 1989	0.05	10	0.00495	0.002564	unknown	ShapiroWilk
Vanadium (mg/l)	TSP-3	No	n/a	n/a	EPA 1989	0.05	9	0.004433	0.002675	unknown	ShapiroWilk
Vanadium (mg/l)	MW-1R	No	n/a	n/a	EPA 1989	0.05	5	0.02008	0.03536	ln(x)	ShapiroWilk
Vanadium (mg/l)	NE-2	No	n/a	n/a	EPA 1989	0.05	5	0.00468	0.004011	normal	ShapiroWilk
Vanadium (mg/l)	NE-3	No	n/a	n/a	EPA 1989	0.05	5	0.00688	0.006712	normal	ShapiroWilk
Vanadium (mg/l)	NE-6	No	n/a	n/a	EPA 1989	0.05	5	0.00448	0.003624	normal	ShapiroWilk
Zinc (mg/l)	MW-4	No	n/a	n/a	EPA 1989	0.05	43	0.06496	0.03315	unknown	ShapiroWilk
Zinc (mg/l)	CAO-1	No	n/a	n/a	EPA 1989	0.05	29	0.6247	0.4631	unknown	ShapiroWilk
Zinc (mg/l)	CAO-2	No	n/a	n/a	EPA 1989	0.05	29	0.04149	0.07061	unknown	ShapiroWilk
Zinc (mg/l)	**CAO-3**	**Yes**	**0.0013**	**3/11/2015**	**EPA 1989**	**0.05**	**29**	**0.03928**	**0.0274**	**ln(x)**	**ShapiroWilk**
Zinc (mg/l)	MW-2	No	n/a	n/a	EPA 1989	0.05	43	0.01333	0.008179	unknown	ShapiroWilk
Zinc (mg/l)	MW-3	No	n/a	n/a	EPA 1989	0.05	43	0.06313	0.04173	unknown	ShapiroWilk
Zinc (mg/l)	MW-5	No	n/a	n/a	EPA 1989	0.05	43	0.02393	0.01181	unknown	ShapiroWilk
Zinc (mg/l)	MW-509D	No	n/a	n/a	EPA 1989	0.05	26	0.9431	1.578	unknown	ShapiroWilk
Zinc (mg/l)	MW-577	No	n/a	n/a	EPA 1989	0.05	24	0.01662	0.01779	ln(x)	ShapiroWilk
Zinc (mg/l)	MW-6	No	n/a	n/a	EPA 1989	0.05	43	0.0317	0.01484	unknown	ShapiroWilk
Zinc (mg/l)	**MW-633D**	**Yes**	**0.032**	**11/6/2007**	**EPA 1989**	**0.05**	**26**	**0.2097**	**0.05549**	**normal**	**ShapiroWilk**
Zinc (mg/l)	MW-689D	No	n/a	n/a	EPA 1989	0.05	24	0.03632	0.04222	unknown	ShapiroWilk
Zinc (mg/l)	MW-7	No	n/a	n/a	EPA 1989	0.05	43	0.01819	0.01559	unknown	ShapiroWilk
Zinc (mg/l)	NAB-2	No	n/a	n/a	EPA 1989	0.05	26	0.036	0.01429	normal	ShapiroWilk
Zinc (mg/l)	NAB-3	No	n/a	n/a	EPA 1989	0.05	26	0.1116	0.04796	ln(x)	ShapiroWilk
Zinc (mg/l)	NAB-4	No	n/a	n/a	EPA 1989	0.05	25	0.4844	0.2157	normal	ShapiroWilk
Zinc (mg/l)	NAB-7	No	n/a	n/a	EPA 1989	0.05	26	0.04819	0.02909	unknown	ShapiroWilk
Zinc (mg/l)	NAB-8	No	n/a	n/a	EPA 1989	0.05	19	0.05219	0.1572	unknown	ShapiroWilk
Zinc (mg/l)	SP-7	No	n/a	n/a	EPA 1989	0.05	15	0.01745	0.01926	ln(x)	ShapiroWilk
Zinc (mg/l)	SPRINGA	No	n/a	n/a	EPA 1989	0.05	23	0.06904	0.04645	ln(x)	ShapiroWilk

EPA 1989 Outlier Screening

CAO-1



n = 29

Statistical outliers are drawn as solid.
Mean = 0.02647
Std. dev. = 0.01219
Critical Tn = 2.73. After outlier removal: mean = 0.02739, std. dev. = 0.01133, critical = 2.714; mean = 0.02824, std. dev. = 0.0106, critical = 2.698.

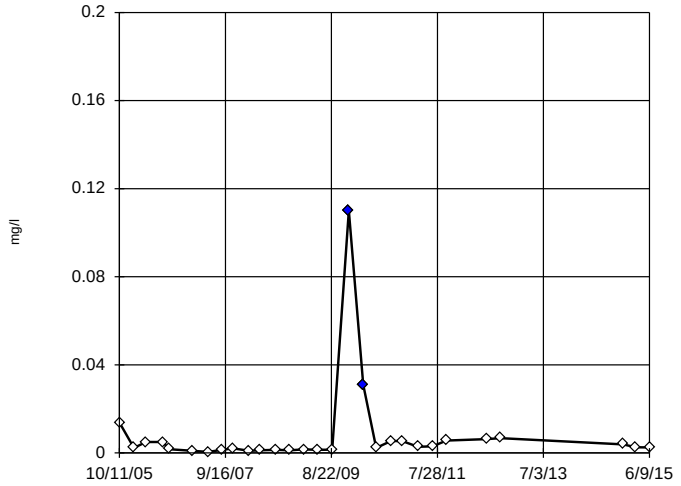
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9384
Critical = 0.935
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: Arsenic Analysis Run 8/17/2015 3:11 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-2



n = 29

Statistical outliers are drawn as solid.
Mean = 0.007916
Std. dev. = 0.02047
Critical Tn = 2.73. After outlier removal: mean = 0.00427, std. dev. = 0.005912, critical = 2.714; mean = 0.00328, std. dev. = 0.002793, critical = 2.698.

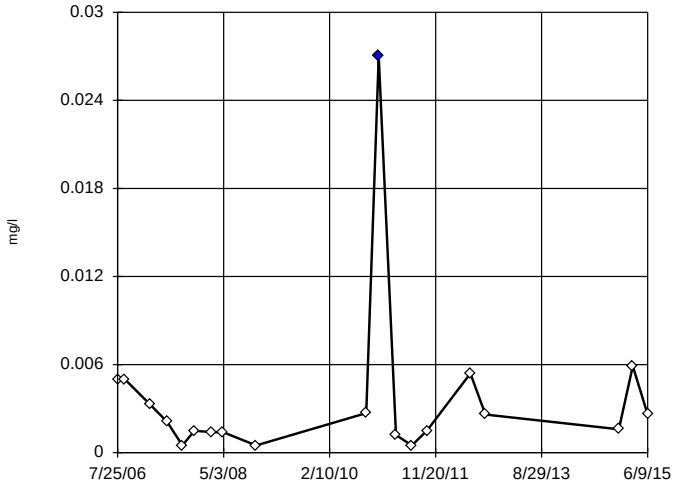
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9735
Critical = 0.935 (after natural log transformation)
The distribution, after removal of outliers, was found to be log-normal.

Constituent: Arsenic Analysis Run 8/17/2015 3:11 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-8



n = 19

Statistical outlier is drawn as solid.
Mean = 0.003774
Std. dev. = 0.005877
Critical Tn = 2.532.
After outlier removal: mean = 0.002483, std. dev. = 0.001753, critical = 2.504.

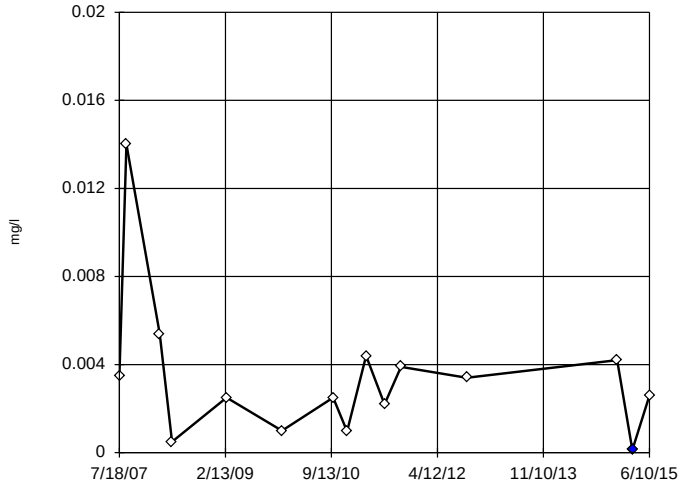
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9212
Critical = 0.914 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Arsenic Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SP-7



n = 15

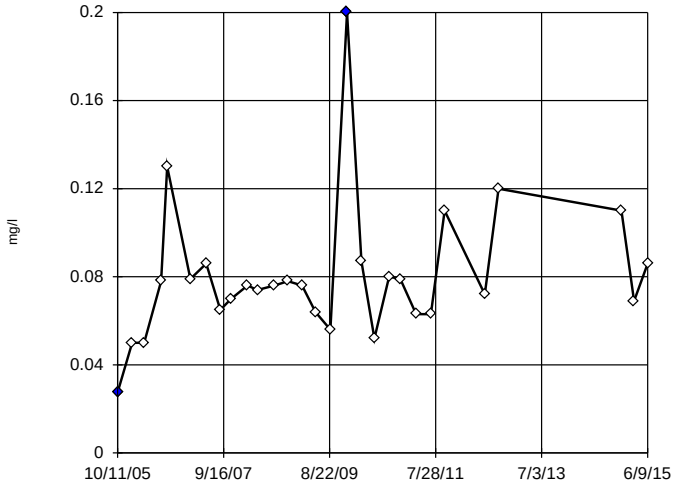
Statistical outlier is drawn as solid.
Mean = 0.003413
Std. dev. = 0.003303
Critical Tn = 2.409.
After outlier removal: mean = 0.003648, std. dev. = 0.003295, critical = 2.371.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9455
Critical = 0.895 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Arsenic Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

EPA 1989 Outlier Screening

CAO-2



n = 29

Statistical outliers are drawn as solid.
Mean = 0.08022
Std. dev. = 0.03149
Critical Tn = 2.73. After outlier removal: mean = 0.08211, std. dev. = 0.03036, critical = 2.714; mean = 0.07774, std. dev. = 0.02008, critical = 2.698.

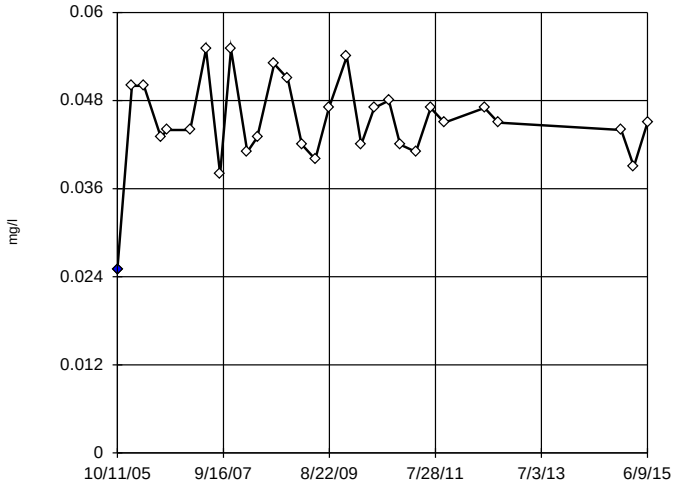
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9487
Critical = 0.935 (after natural log transformation)
The distribution, after removal of outliers, was found to be log-normal.

Constituent: Barium Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-3



n = 29

Statistical outlier is drawn as solid.
Mean = 0.04507
Std. dev. = 0.006082
Critical Tn = 2.73. After outlier removal: mean = 0.04579, std. dev. = 0.004787, critical = 2.714.

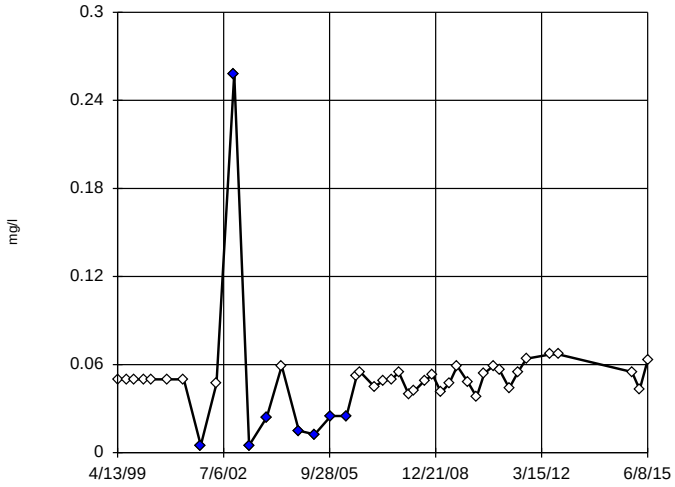
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9467
Critical = 0.936
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Barium Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-3



n = 43

Statistical outliers are drawn as solid.
Mean = 0.0506
Std. dev. = 0.03577
Critical Tn = 2.896. After outlier removal: mean = 0.05282, std. dev. = 0.03513, critical = 2.877; mean = 0.04769, std. dev. = 0.01263, critical = 2.866; mean = 0.04859, std. dev. = 0.01141, critical = 2.857; mean = 0.04948, std. dev. = 0.01012, critical = 2.846; m...

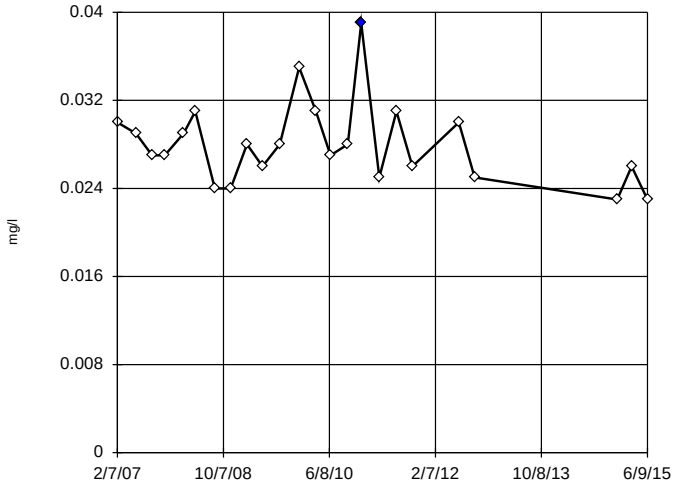
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9622
Critical = 0.944
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: Barium Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-577



n = 24

Statistical outlier is drawn as solid.
Mean = 0.028
Std. dev. = 0.003742
Critical Tn = 2.644.
After outlier removal: mean = 0.02752, std. dev. = 0.002983, critical = 2.624.

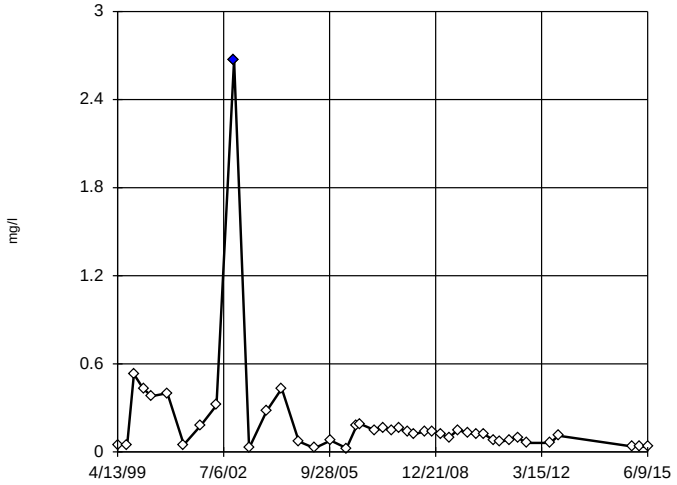
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9626
Critical = 0.928
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Barium Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-7



n = 43

Statistical outlier is drawn as solid.
Mean = 0.2078
Std. dev. = 0.4036
Critical Tn = 2.896.
After outlier removal: mean = 0.1492, std. dev. = 0.1245, critical = 2.887.

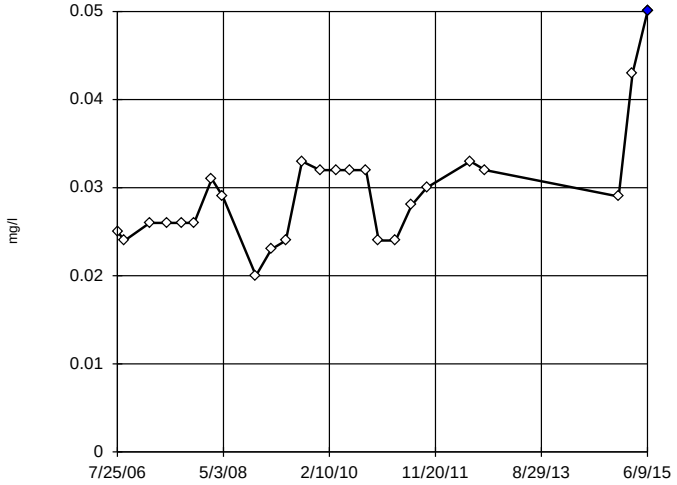
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9619
Critical = 0.951 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Barium Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-4



n = 25

Statistical outlier is drawn as solid.
Mean = 0.02936
Std. dev. = 0.006409
Critical Tn = 2.663.
After outlier removal: mean = 0.0285, std. dev. = 0.004854, critical = 2.644.

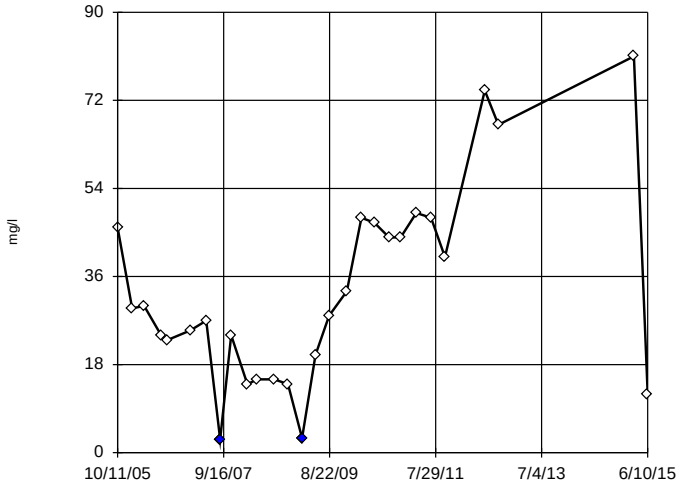
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9489
Critical = 0.93 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Barium Analysis Run 8/17/2015 3:12 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-1



n = 28

Statistical outliers are drawn as solid.
Mean = 33.11
Std. dev. = 19.92
Critical Tn = 2.714.
After outlier removal: mean = 34.24, std. dev. = 19.36, critical = 2.698; mean = 35.44, std. dev. = 18.69, critical = 2.681.

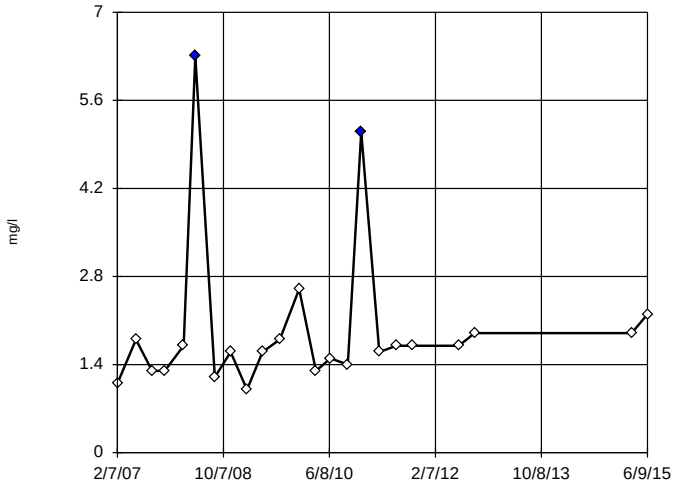
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9577
Critical = 0.933 (after natural log transformation)
The distribution, after removal of outliers, was found to be log-normal.

Constituent: Chloride Analysis Run 8/17/2015 3:13 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-577



n = 23

Statistical outliers are drawn as solid.
Mean = 1.97
Std. dev. = 1.242
Critical Tn = 2.624.
After outlier removal: mean = 1.773, std. dev. = 0.8265, critical = 2.603; mean = 1.614, std. dev. = 0.3705, critical = 2.58.

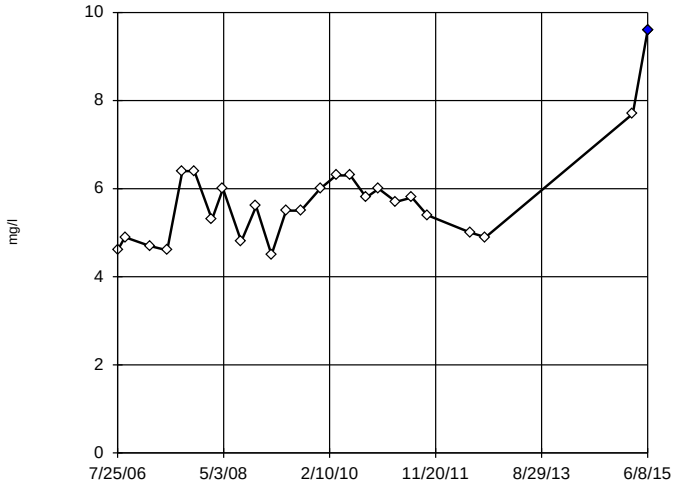
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9492
Critical = 0.923
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: Chloride Analysis Run 8/17/2015 3:13 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-633D



n = 25

Statistical outlier is drawn as solid.
Mean = 5.732
Std. dev. = 1.098
Critical Tn = 2.663.
After outlier removal: mean = 5.571, std. dev. = 0.7624, critical = 2.644.

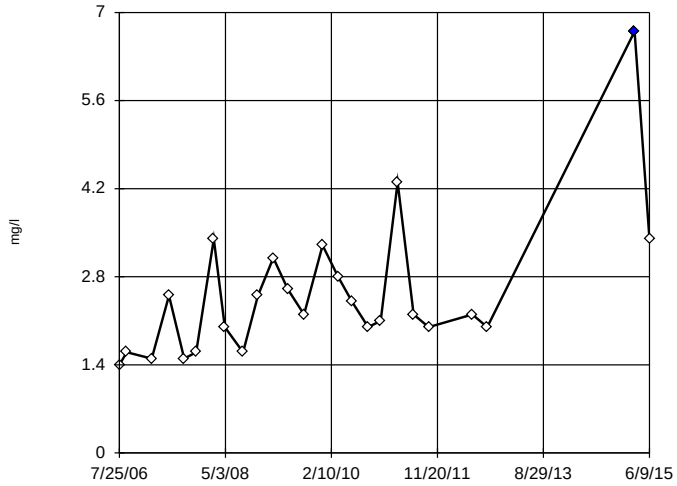
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9371
Critical = 0.93
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Chloride Analysis Run 8/17/2015 3:13 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-7



n = 25

Statistical outlier is drawn as solid.
Mean = 2.516
Std. dev. = 1.131
Critical Tn = 2.663.
After outlier removal: mean = 2.342, std. dev. = 0.7354, critical = 2.644.

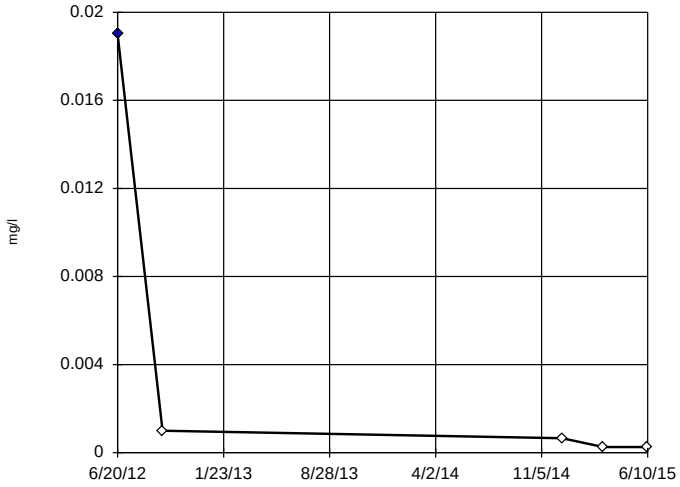
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9601
Critical = 0.93 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Chloride Analysis Run 8/17/2015 3:13 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NE-3



n = 5

Statistical outlier is drawn as solid.
Mean = 0.004236
Std. dev. = 0.008259
Critical Tn = 1.672.
After outlier removal: mean = 0.000545, std. dev. = 0.0003572, critical = 1.463.

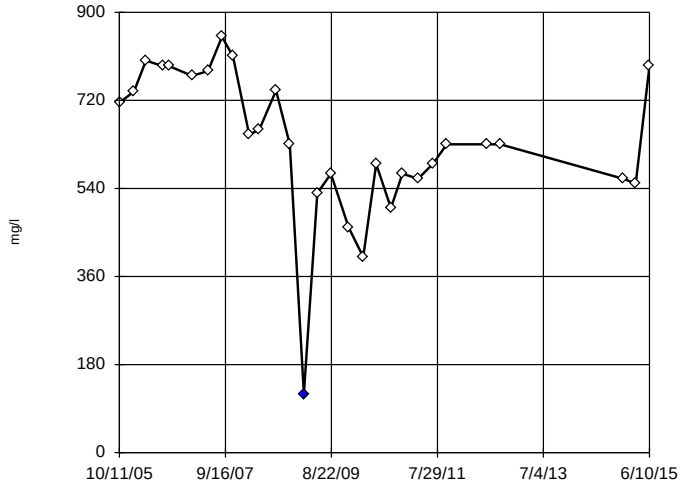
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8658
Critical = 0.792
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Copper Analysis Run 8/17/2015 3:14 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-1



n = 29

Statistical outlier is drawn as solid.
Mean = 634.6
Std. dev. = 153.1
Critical Tn = 2.73. After outlier removal: mean = 653, std. dev. = 118.9, critical = 2.714.

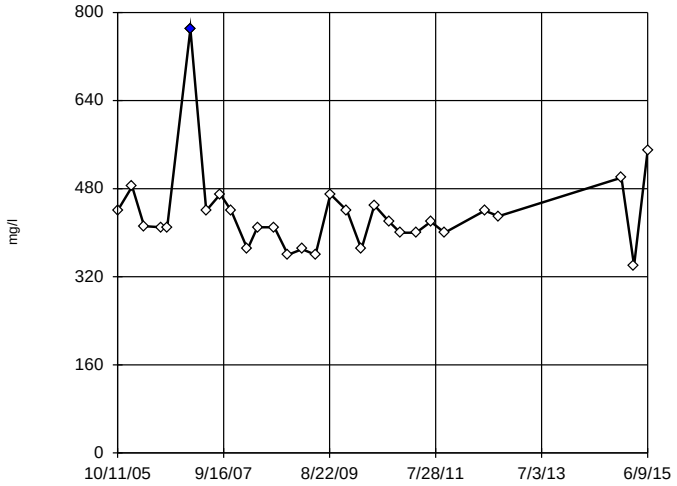
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9524
Critical = 0.936
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-2



n = 29

Statistical outlier is drawn as solid.
Mean = 434
Std. dev. = 79.05
Critical Tn = 2.73. After outlier removal: mean = 422, std. dev. = 46.37, critical = 2.714.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9601
Critical = 0.936
The distribution, after removal of outlier, was found to be normally distributed.

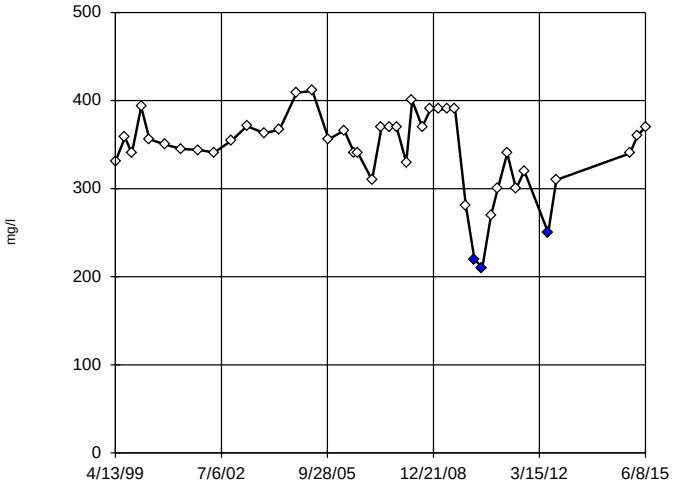
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-2



n = 43

Statistical outliers are drawn as solid.
Mean = 343.9
Std. dev. = 45.79
Critical Tn = 2.896.
After outlier removal: mean = 347, std. dev. = 41.23, critical = 2.887; mean = 350.1, std. dev. = 36.46, critical = 2.877; mean = 352.7, std. dev. = 33.16, critical = 2.866.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9632
Critical = 0.949
The distribution, after removal of outliers, was found to be normally distributed.

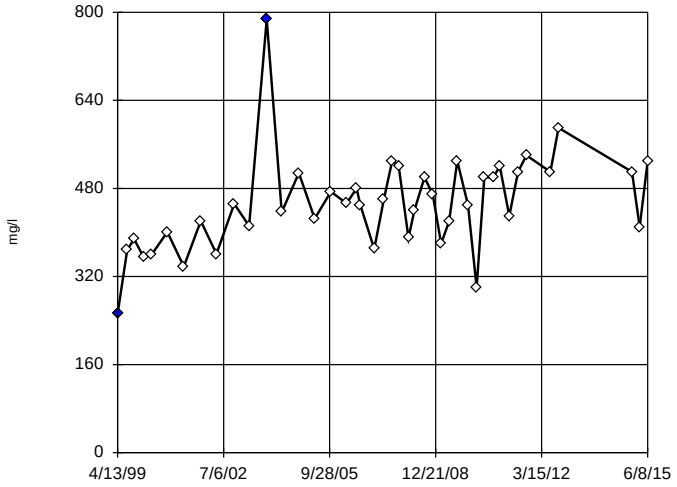
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-3



n = 43

Statistical outliers are drawn as solid.
Mean = 451.9
Std. dev. = 88.21
Critical Tn = 2.896.
After outlier removal: mean = 444, std. dev. = 71.89, critical = 2.887; mean = 448.6, std. dev. = 65.98, critical = 2.877.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9751
Critical = 0.95
The distribution, after removal of outliers, was found to be normally distributed.

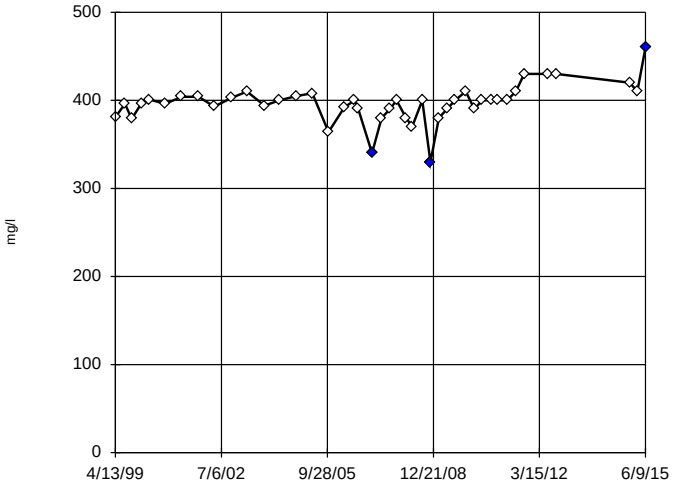
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-6



n = 43

Statistical outliers are drawn as solid.
Mean = 396.9
Std. dev. = 21.88
Critical Tn = 2.896.
After outlier removal: mean = 398.5, std. dev. = 19.46, critical = 2.887; mean = 399.9, std. dev. = 17.34, critical = 2.877; mean = 398.4, std. dev. = 14.61, critical = 2.866.

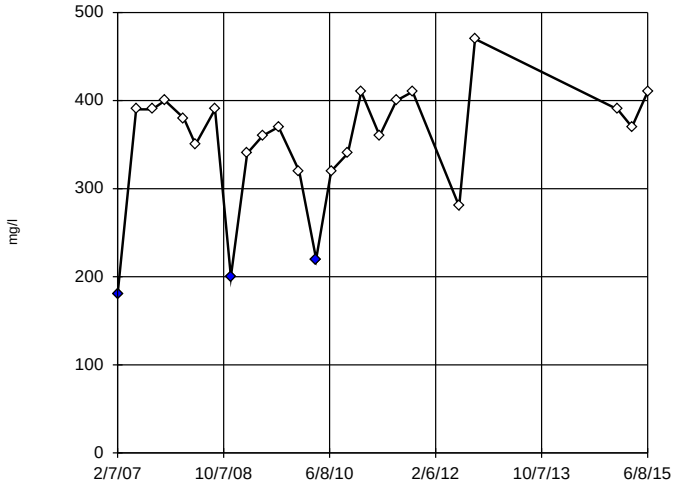
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9516
Critical = 0.949
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

EPA 1989 Outlier Screening

MW-689D



n = 24

Statistical outliers are drawn as solid.
Mean = 352.1
Std. dev. = 70.28
Critical Tn = 2.644.
After outlier removal: mean = 359.6, std. dev. = 61.31, critical = 2.624; mean = 366.8, std. dev. = 51.68, critical = 2.603; mean = 373.8, std. dev. = 40.92, critical = 2.58.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.963
Critical = 0.923
The distribution, after removal of outliers, was found to be normally distributed.

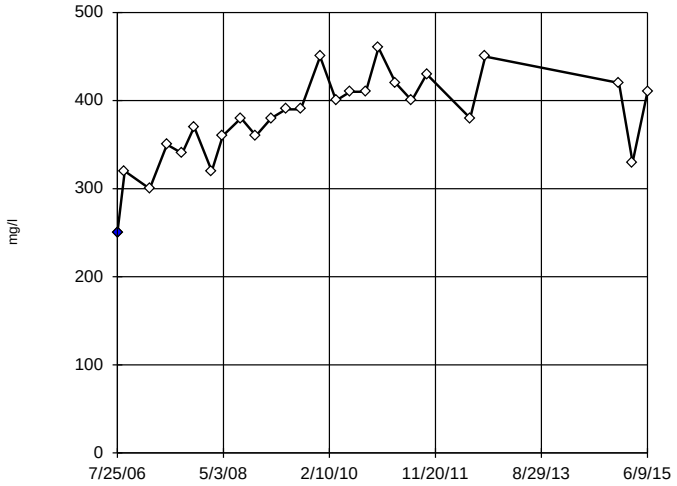
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-3



n = 26

Statistical outlier is drawn as solid.
Mean = 380
Std. dev. = 49.8
Critical Tn = 2.681.
After outlier removal: mean = 385.2, std. dev. = 43.02, critical = 2.663.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9753
Critical = 0.931
The distribution, after removal of outlier, was found to be normally distributed.

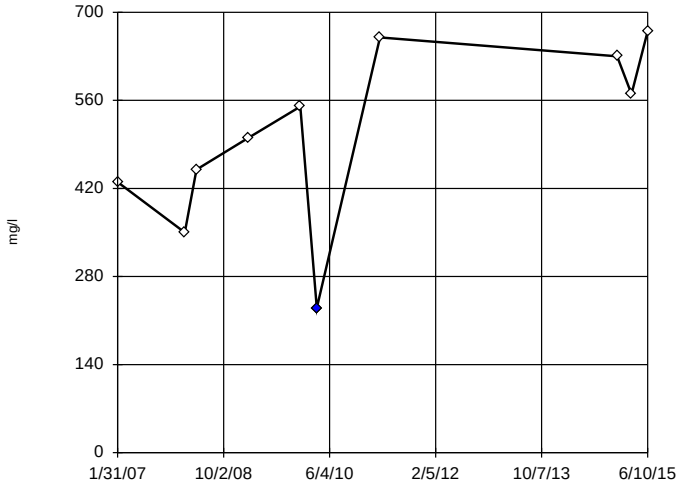
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SPRINGB



n = 10

Statistical outlier is drawn as solid.
Mean = 504
Std. dev. = 142
Critical Tn = 2.176.
After outlier removal: mean = 534.4, std. dev. = 110.7, critical = 2.11.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9504
Critical = 0.859
The distribution, after removal of outlier, was found to be normally distributed.

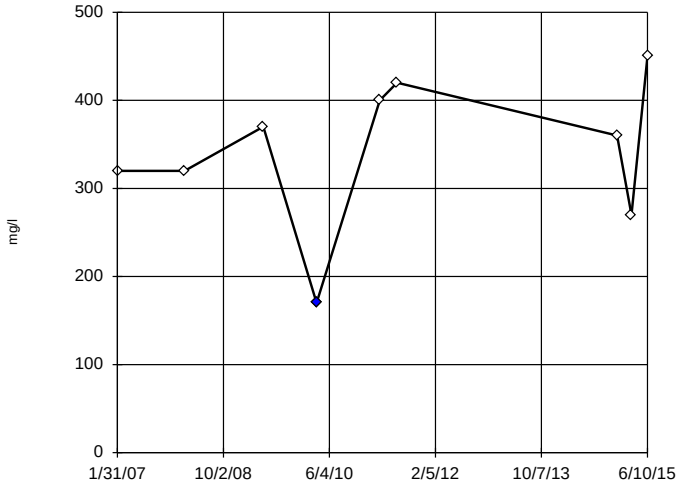
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

TSP-3



n = 9

Statistical outlier is drawn as solid.
Mean = 342.2
Std. dev. = 85.11
Critical Tn = 2.11. After outlier removal: mean = 363.8, std. dev. = 59.27, critical = 2.032.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9781
Critical = 0.851
The distribution, after removal of outlier, was found to be normally distributed.

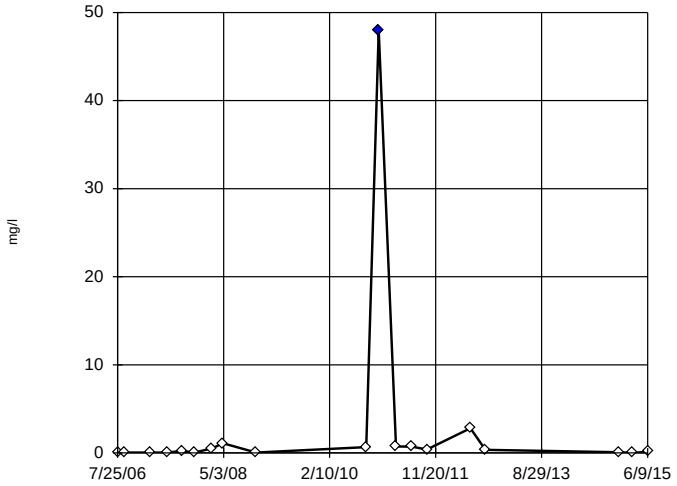
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-8



n = 19

Statistical outlier is drawn as solid.
Mean = 2.948
Std. dev. = 10.93
Critical Tn = 2.532.
After outlier removal: mean = 0.4447, std. dev. = 0.6684, critical = 2.504.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9371
Critical = 0.914 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

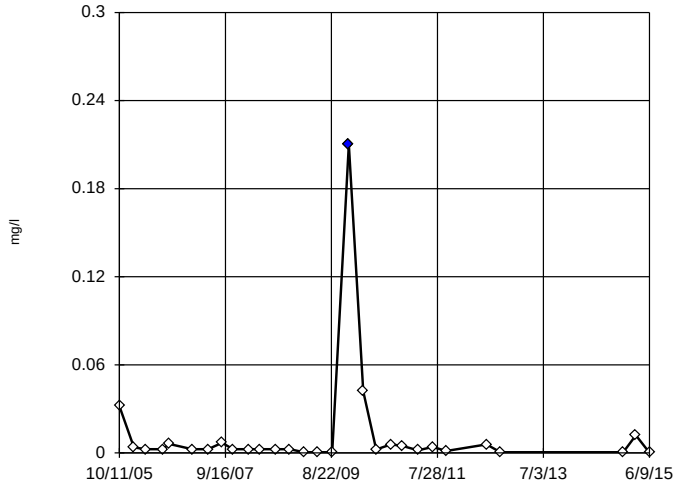
Constituent: Iron Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-2



n = 29

Statistical outlier is drawn as solid.
Mean = 0.01255
Std. dev. = 0.03907
Critical Tn = 2.73. After outlier removal: mean = 0.005496, std. dev. = 0.00934, critical = 2.714.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9383
Critical = 0.936 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

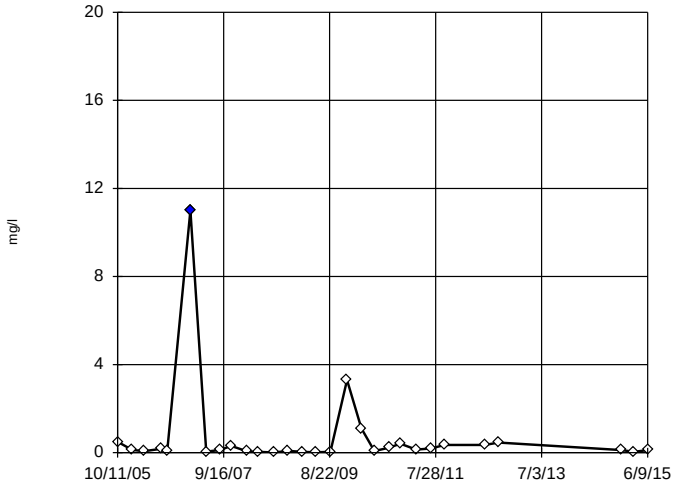
Constituent: Lead Analysis Run 8/17/2015 3:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-2



n = 29

Statistical outlier is drawn as solid.
Mean = 0.6756
Std. dev. = 2.079
Critical Tn = 2.73. After outlier removal: mean = 0.3069, std. dev. = 0.6286, critical = 2.714.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9833
Critical = 0.936 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

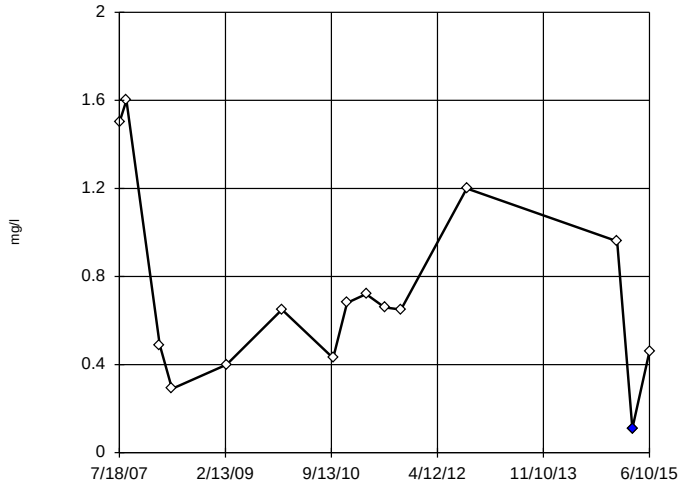
Constituent: Manganese Analysis Run 8/17/2015 3:16 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SP-7



n = 15

Statistical outlier is drawn as solid.
Mean = 0.72
Std. dev. = 0.4268
Critical Tn = 2.409.
After outlier removal: mean = 0.7636, std. dev. = 0.4068, critical = 2.371.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9555
Critical = 0.895 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

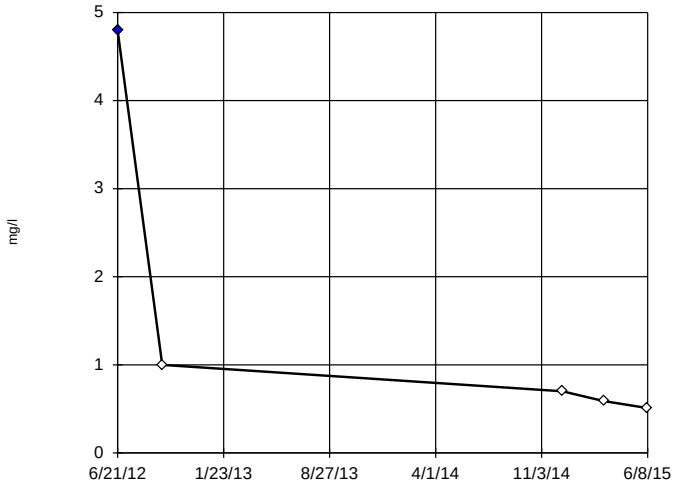
Constituent: Manganese Analysis Run 8/17/2015 3:16 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-1R



n = 5

Statistical outlier is drawn as solid.
Mean = 1.52
Std. dev. = 1.843
Critical Tn = 1.672.
After outlier removal: mean = 0.7, std. dev. = 0.2146, critical = 1.463.

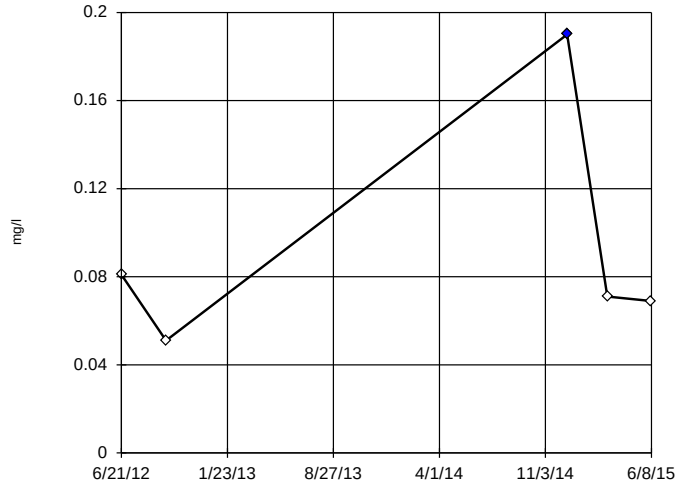
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9128
Critical = 0.792
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Manganese Analysis Run 8/17/2015 3:16 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NE-2



n = 5

Statistical outlier is drawn as solid.
Mean = 0.0924
Std. dev. = 0.05562
Critical Tn = 1.672.
After outlier removal: mean = 0.068, std. dev. = 0.01249, critical = 1.463.

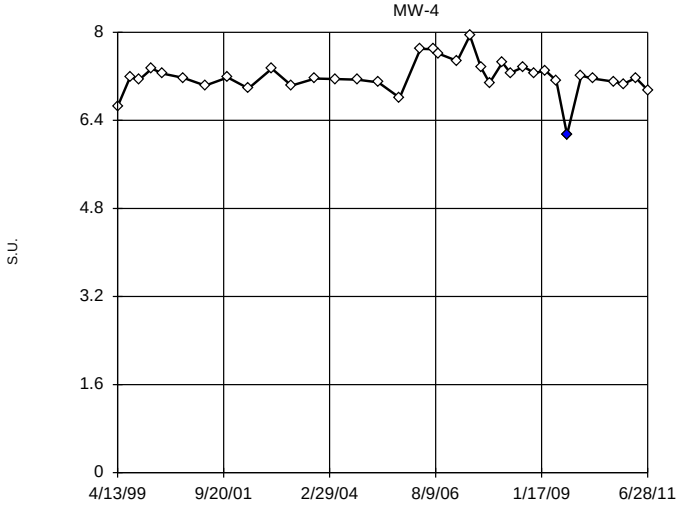
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.938
Critical = 0.792
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Manganese Analysis Run 8/17/2015 3:16 PM
NABORS Client: SCS Engineers Data: NABORS flat

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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.

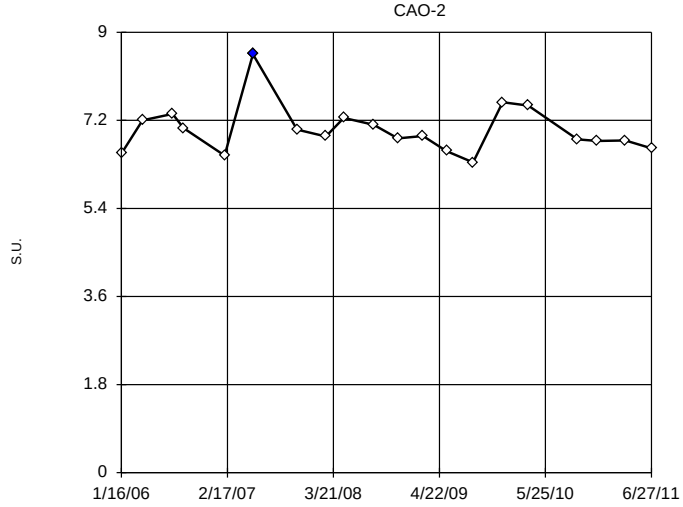
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9501
Critical = 0.944
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-2



n = 20

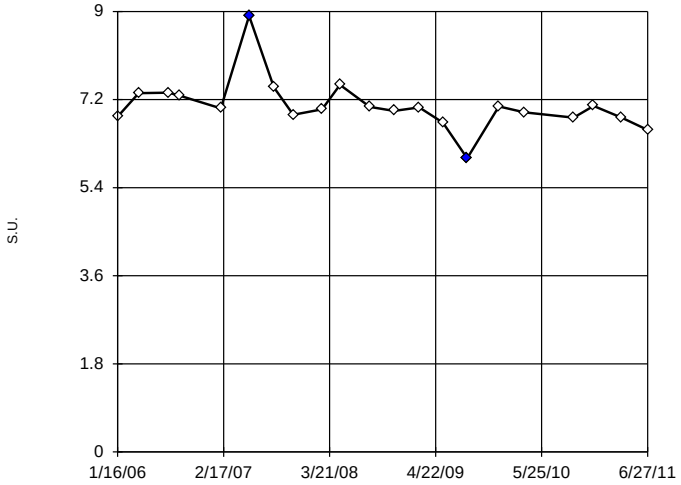
Statistical outlier is drawn as solid.
Mean = 7.003
Std. dev. = 0.4947
Critical Tn = 2.557.
After outlier removal: mean = 6.922, std. dev. = 0.344, critical = 2.532.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9748
Critical = 0.917
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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 = 6.988, std. dev. = 0.3334, critical = 2.557; mean = 7.04, std. dev. = 0.2454, critical = 2.532.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9583
Critical = 0.917
The distribution, after removal of outliers, was found to be normally distributed.

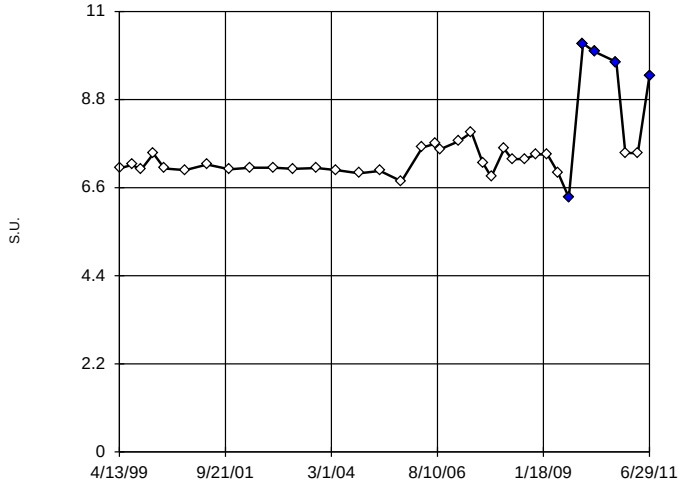
Constituent: pH Analysis Run 8/17/2015 3:17 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-2



n = 36

Statistical outliers are drawn as solid.
Mean = 7.517
Std. dev. = 0.891
Critical Tn = 2.823.
After outlier removal: mean = 7.44, std. dev. = 0.7742, critical = 2.811; mean = 7.365, std. dev. = 0.6428, critical = 2.799; mean = 7.293, std. dev. = 0.4945, critical = 2.786; mean = 7.227, std. dev. = 0.3236, critical = 2.773; mean = 7.255, std...

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9423
Critical = 0.94
The distribution, after removal of outliers, was found to be normally distributed.

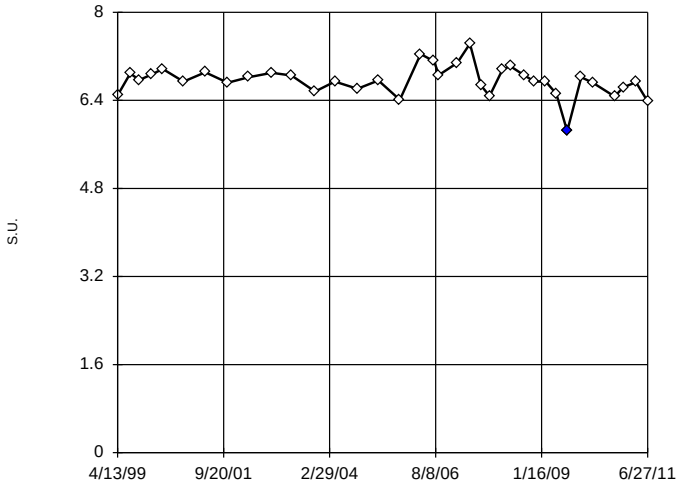
Constituent: pH Analysis Run 8/17/2015 3:17 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-3



n = 36

Statistical outlier is drawn as solid.
Mean = 6.759
Std. dev. = 0.2756
Critical Tn = 2.823.
After outlier removal: mean = 6.785, std. dev. = 0.2295, critical = 2.811.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.968
Critical = 0.944
The distribution, after removal of outlier, was found to be normally distributed.

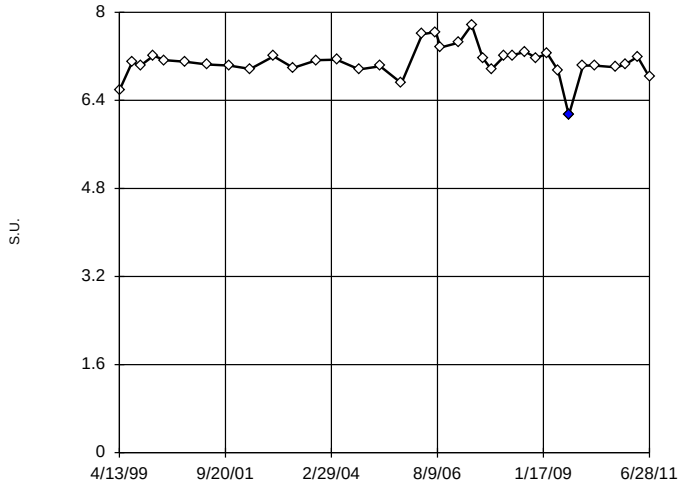
Constituent: pH Analysis Run 8/17/2015 3:17 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-5



n = 36

Statistical outlier is drawn as solid.
Mean = 7.1
Std. dev. = 0.2868
Critical Tn = 2.823.
After outlier removal: mean = 7.128, std. dev. = 0.237, critical = 2.811.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9448
Critical = 0.944 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

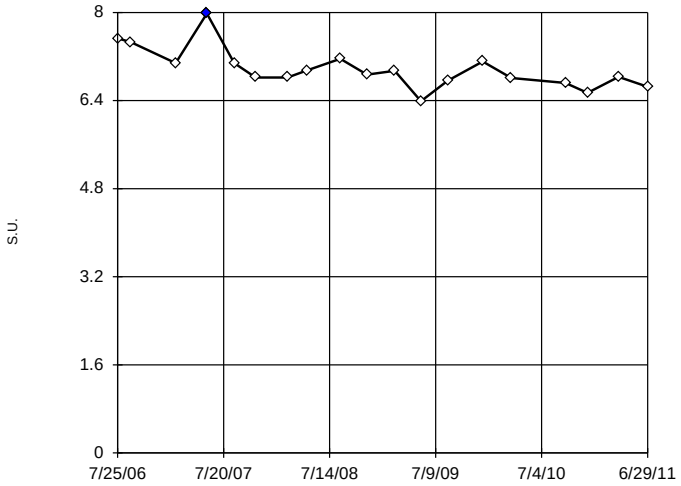
Constituent: pH Analysis Run 8/17/2015 3:17 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-509D



n = 19

Statistical outlier is drawn as solid.
Mean = 6.974
Std. dev. = 0.3716
Critical Tn = 2.532.
After outlier removal: mean = 6.918, std. dev. = 0.2886, critical = 2.504.

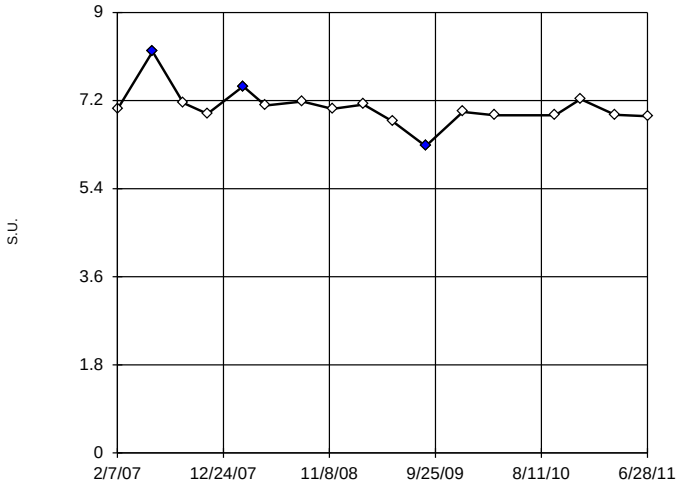
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9601
Critical = 0.914
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-577



n = 17

Statistical outliers are drawn as solid.
Mean = 7.062
Std. dev. = 0.3859
Critical Tn = 2.475.
After outlier removal: mean = 6.991, std. dev. = 0.259, critical = 2.443; mean = 7.039, std. dev. = 0.1798, critical = 2.409; mean = 7.006, std. dev. = 0.1342, critical = 2.371.

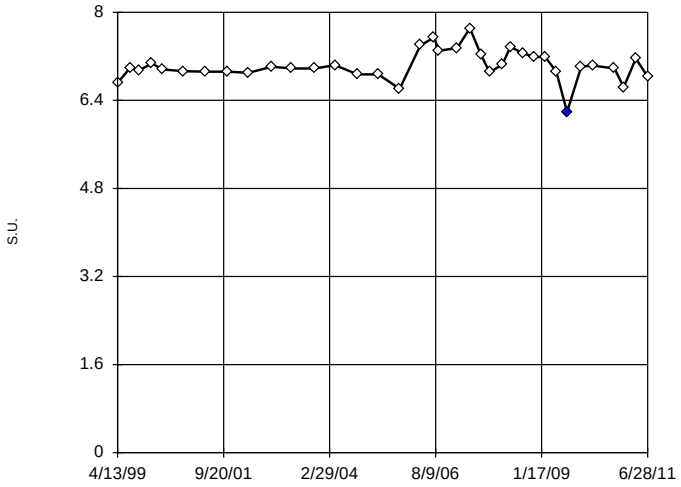
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9607
Critical = 0.895
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-6



n = 36

Statistical outlier is drawn as solid.
Mean = 7.027
Std. dev. = 0.2739
Critical Tn = 2.823.
After outlier removal: mean = 7.051, std. dev. = 0.2367, critical = 2.811.

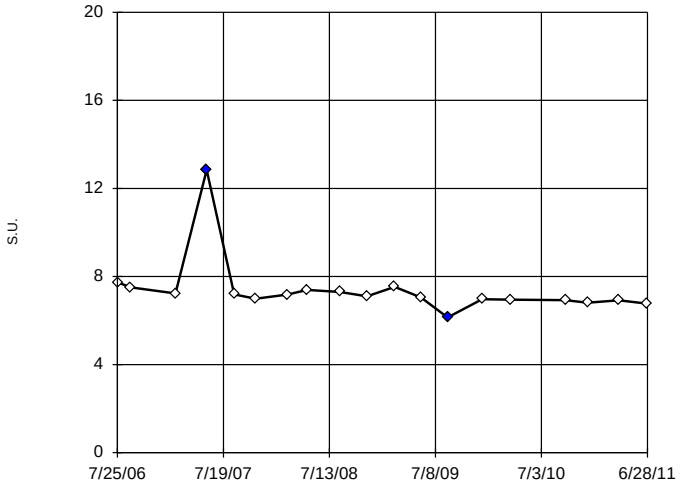
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9477
Critical = 0.944
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-633D



n = 19

Statistical outliers are drawn as solid.
Mean = 7.397
Std. dev. = 1.363
Critical Tn = 2.532.
After outlier removal: mean = 7.094, std. dev. = 0.3554, critical = 2.504; mean = 7.151, std. dev. = 0.2719, critical = 2.475.

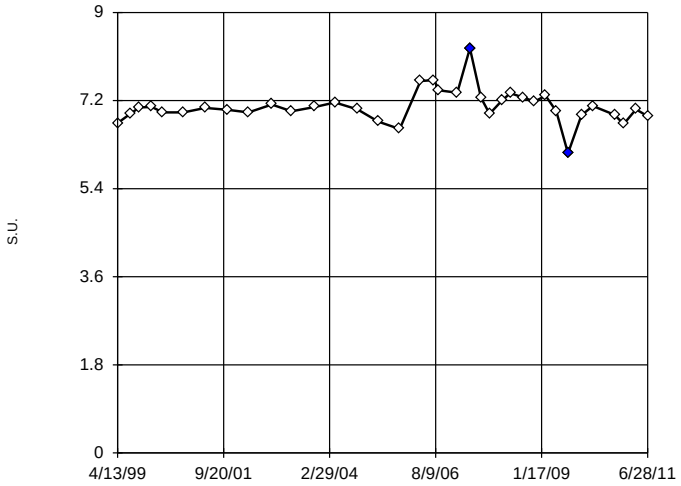
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9502
Critical = 0.91
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-7



n = 36

Statistical outliers are drawn as solid.
Mean = 7.079
Std. dev. = 0.3416
Critical Tn = 2.823.
After outlier removal:
mean = 7.045, std. dev. = 0.2779, critical = 2.811;
mean = 7.072, std. dev. = 0.2299, critical = 2.799.

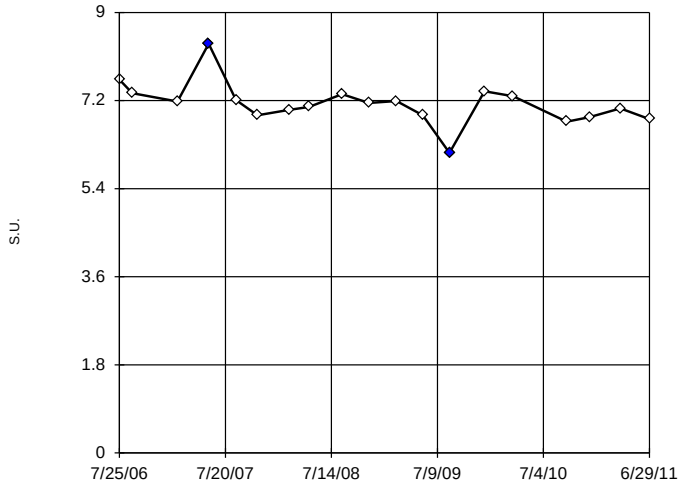
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9653
Critical = 0.943
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-2



n = 19

Statistical outliers are drawn as solid.
Mean = 7.136
Std. dev. = 0.4338
Critical Tn = 2.532.
After outlier removal:
mean = 7.068, std. dev. = 0.3259, critical = 2.504;
mean = 7.123, std. dev. = 0.2337, critical = 2.475.

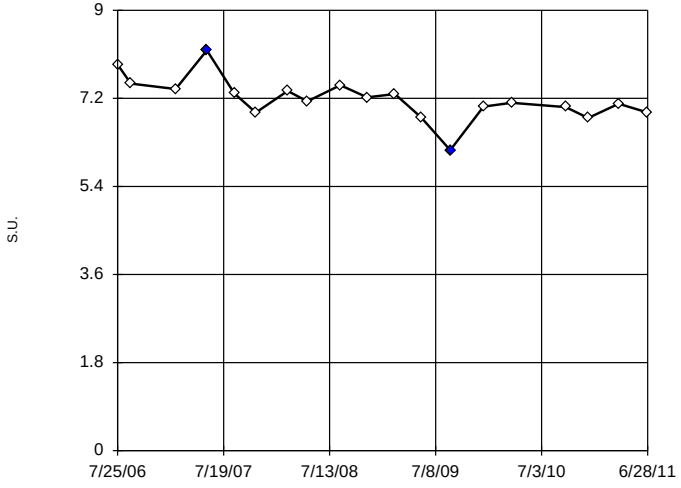
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9687
Critical = 0.91
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-7



n = 19

Statistical outliers are drawn as solid.
Mean = 7.187
Std. dev. = 0.4322
Critical Tn = 2.532.
After outlier removal:
mean = 7.245, std. dev. = 0.3602, critical = 2.504;
mean = 7.19, std. dev. = 0.2828, critical = 2.475.

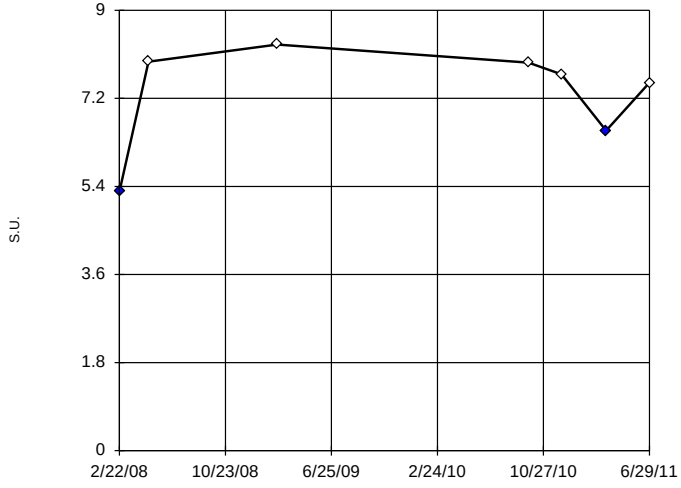
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9518
Critical = 0.91
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SP-7



n = 7

Statistical outliers are drawn as solid.
Mean = 7.317
Std. dev. = 1.052
Critical Tn = 1.938.
After outlier removal:
mean = 7.655, std. dev. = 0.6069, critical = 1.822;
mean = 7.878, std. dev. = 0.2956, critical = 1.672.

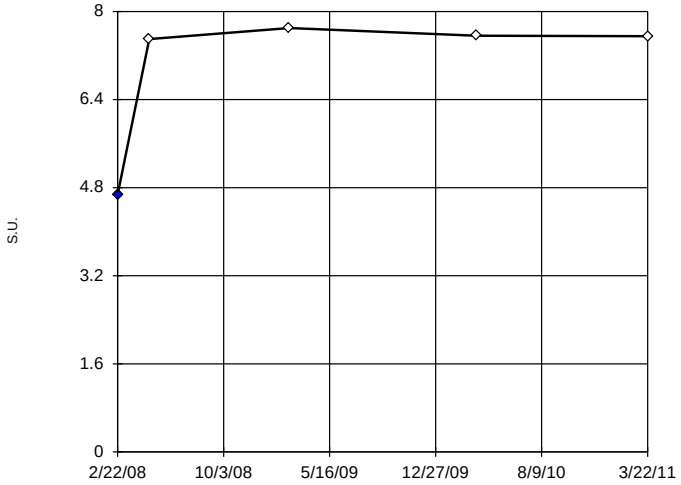
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9663
Critical = 0.806
The distribution, after removal of outliers, was found to be normally distributed.

Constituent: pH Analysis Run 8/17/2015 3:17 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SPRINGB



n = 5

Statistical outlier is drawn as solid.
Mean = 6.996
Std. dev. = 1.302
Critical Tn = 1.672.
After outlier removal: mean = 7.578, std. dev. = 0.08578, critical = 1.463.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8767
Critical = 0.792
The distribution, after removal of outlier, was found to be normally distributed.

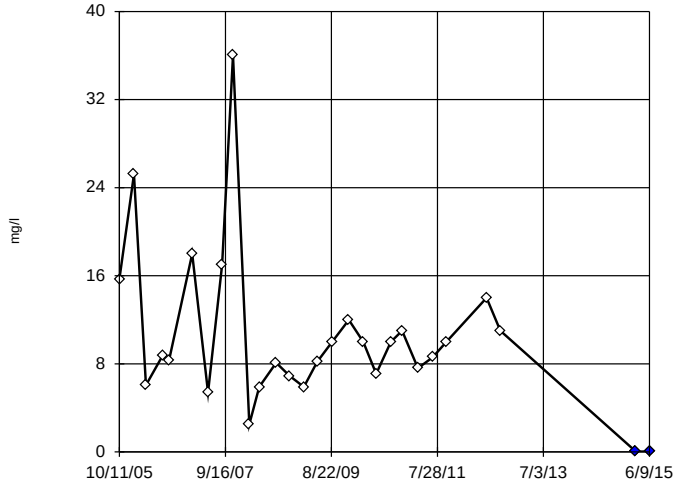
Constituent: pH Analysis Run 8/17/2015 3:17 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-2



n = 28

Statistical outliers are drawn as solid.
Mean = 10.33
Std. dev. = 7.286
Critical Tn = 2.714.
After outlier removal: mean = 11.13, std. dev. = 6.943, critical = 2.681.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.961
Critical = 0.933 (after natural log transformation)
The distribution, after removal of outliers, was found to be log-normal.

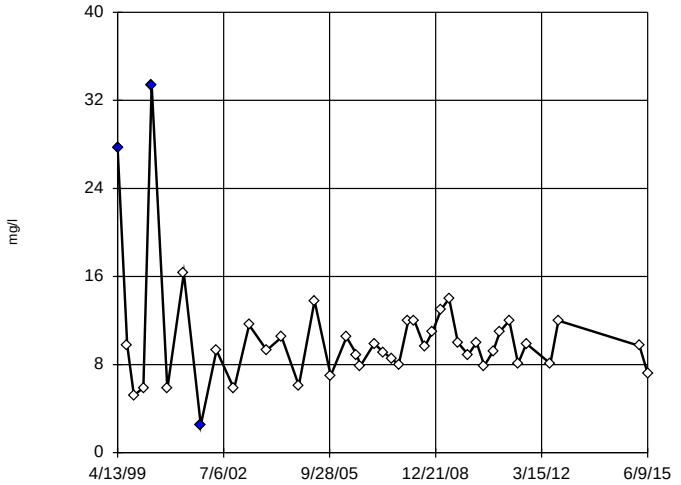
Constituent: Sulfate Analysis Run 8/17/2015 3:18 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-7



n = 42

Statistical outliers are drawn as solid.
Mean = 10.44
Std. dev. = 5.282
Critical Tn = 2.887.
After outlier removal: mean = 10.63, std. dev. = 5.194, critical = 2.877; mean = 10.06, std. dev. = 3.748, critical = 2.866; mean = 9.61, std. dev. = 2.454, critical = 2.857.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9742
Critical = 0.948
The distribution, after removal of outliers, was found to be normally distributed.

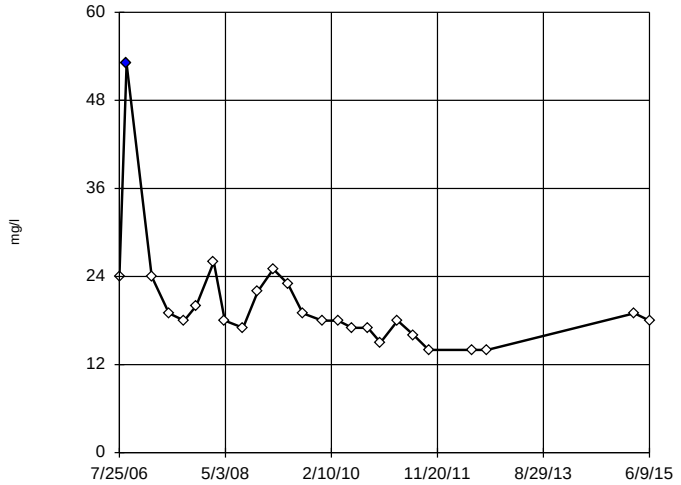
Constituent: Sulfate Analysis Run 8/17/2015 3:18 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-2



n = 25

Statistical outlier is drawn as solid.
Mean = 20.24
Std. dev. = 7.628
Critical Tn = 2.663.
After outlier removal: mean = 18.88, std. dev. = 3.481, critical = 2.644.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9374
Critical = 0.93 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

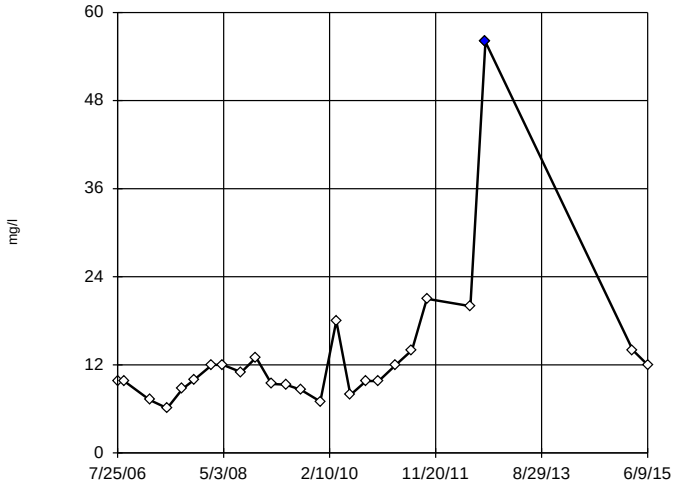
Constituent: Sulfate Analysis Run 8/17/2015 3:18 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-3



n = 25

Statistical outlier is drawn as solid.
Mean = 13.13
Std. dev. = 9.695
Critical Tn = 2.663.
After outlier removal: mean = 11.34, std. dev. = 3.851, critical = 2.644.

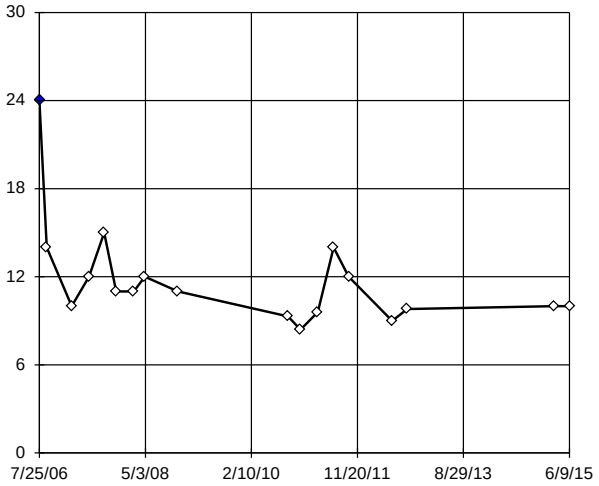
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9607
Critical = 0.93 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

Constituent: Sulfate Analysis Run 8/17/2015 3:18 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-8



n = 18

Statistical outlier is drawn as solid.
Mean = 11.78
Std. dev. = 3.556
Critical Tn = 2.504.
After outlier removal: mean = 11.06, std. dev. = 1.887, critical = 2.475.

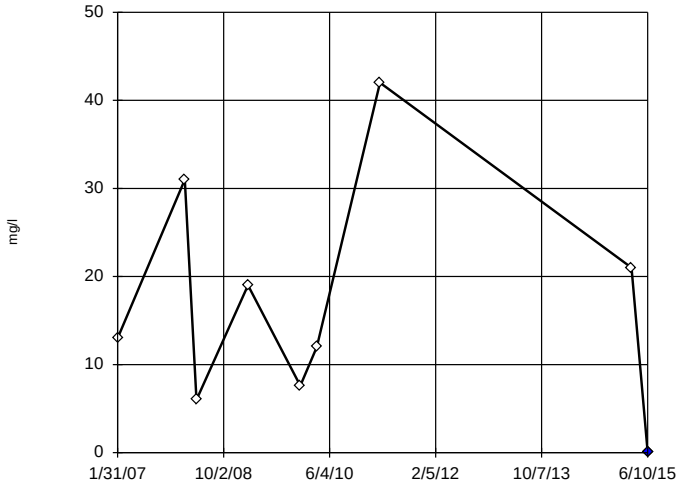
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9229
Critical = 0.91
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Sulfate Analysis Run 8/17/2015 3:18 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SPRINGB



n = 9

Statistical outlier is drawn as solid.
Mean = 16.85
Std. dev. = 13.13
Critical Tn = 2.11. After outlier removal: mean = 18.95, std. dev. = 12.31, critical = 2.032.

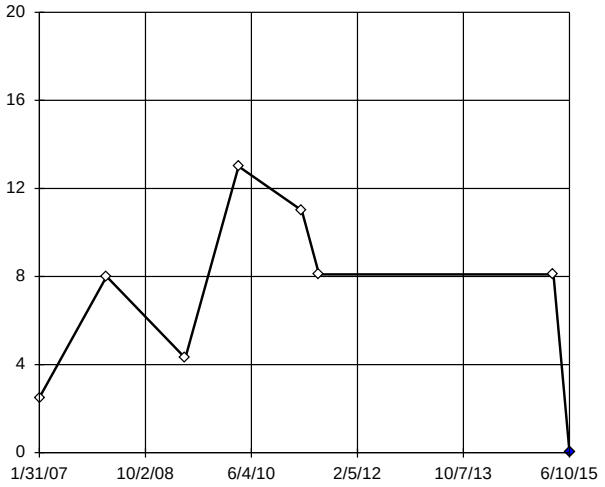
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9114
Critical = 0.851
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Sulfate Analysis Run 8/17/2015 3:18 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

TSP-3



n = 8

Statistical outlier is drawn as solid.
Mean = 6.88
Std. dev. = 4.331
Critical Tn = 2.032.
After outlier removal: mean = 7.857, std. dev. = 3.601, critical = 1.938.

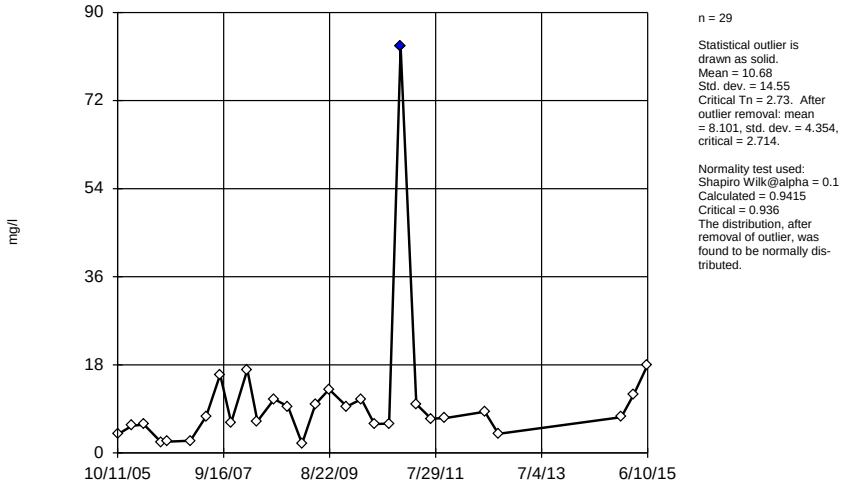
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9481
Critical = 0.838
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Sulfate Analysis Run 8/17/2015 3:18 PM
NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-1



n = 29

Statistical outlier is drawn as solid.
Mean = 10.68
Std. dev. = 14.55
Critical Tn = 2.73. After outlier removal: mean = 8.101, std. dev. = 4.354, critical = 2.714.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9415
Critical = 0.936
The distribution, after removal of outlier, was found to be normally distributed.

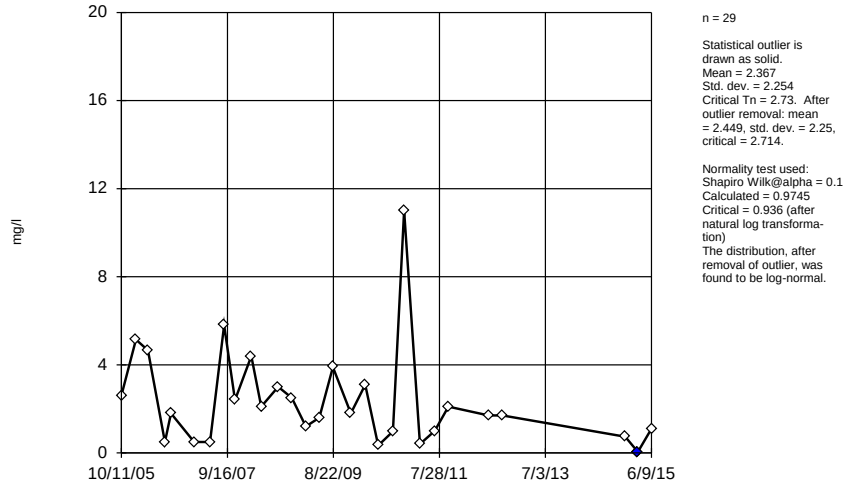
Constituent: TOC [Total Organic Carbon] Analysis Run 8/17/2015 3:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-3



n = 29

Statistical outlier is drawn as solid.
Mean = 2.367
Std. dev. = 2.254
Critical Tn = 2.73. After outlier removal: mean = 2.449, std. dev. = 2.25, critical = 2.714.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9745
Critical = 0.936 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

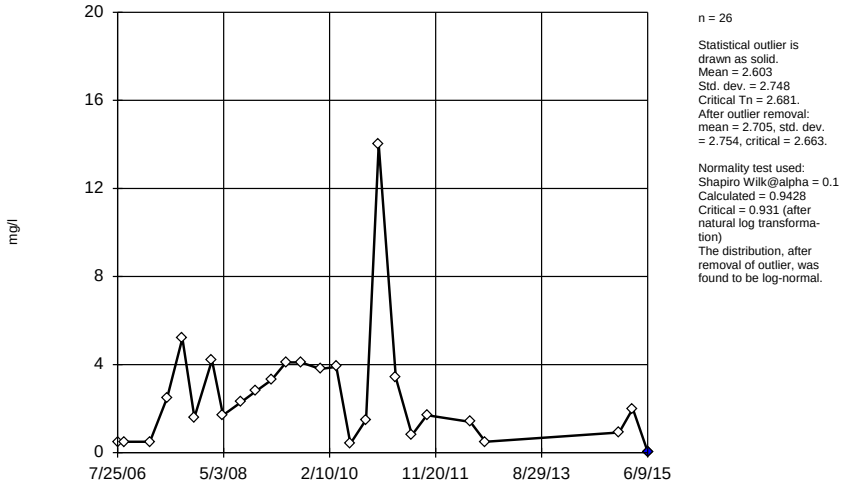
Constituent: TOC [Total Organic Carbon] Analysis Run 8/17/2015 3:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NAB-3



n = 26

Statistical outlier is drawn as solid.
Mean = 2.603
Std. dev. = 2.748
Critical Tn = 2.681.
After outlier removal: mean = 2.705, std. dev. = 2.754, critical = 2.663.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9428
Critical = 0.931 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

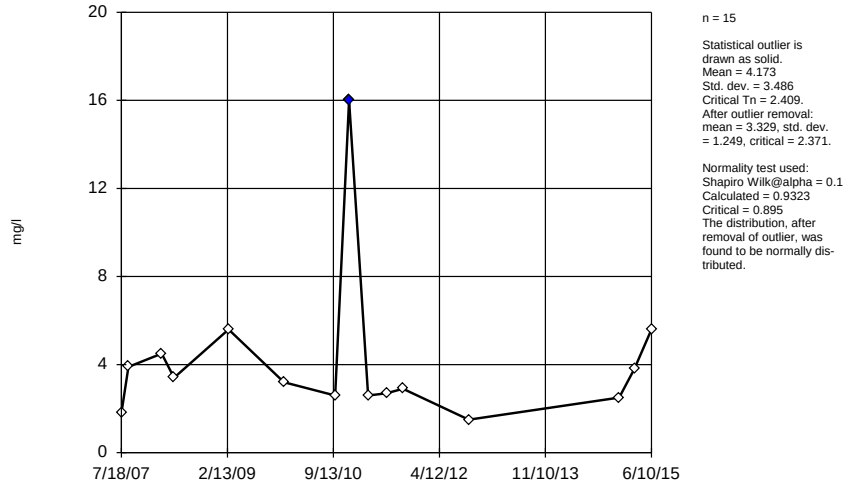
Constituent: TOC [Total Organic Carbon] Analysis Run 8/17/2015 3:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SP-7



n = 15

Statistical outlier is drawn as solid.
Mean = 4.173
Std. dev. = 3.486
Critical Tn = 2.409.
After outlier removal: mean = 3.329, std. dev. = 1.249, critical = 2.371.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9323
Critical = 0.895
The distribution, after removal of outlier, was found to be normally distributed.

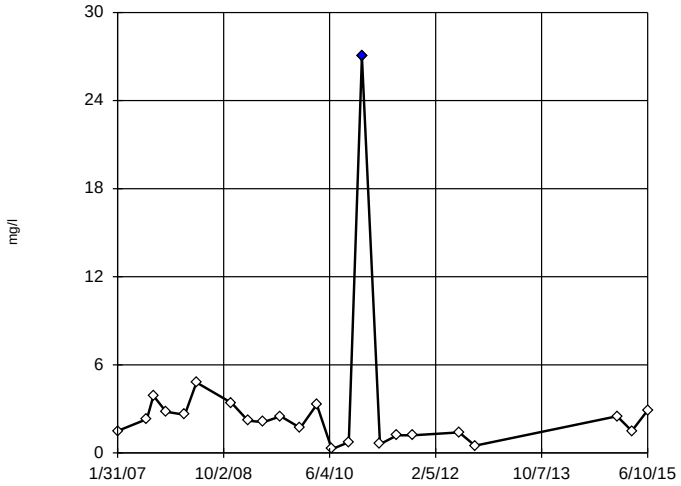
Constituent: TOC [Total Organic Carbon] Analysis Run 8/17/2015 3:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SPRINGA



n = 23

Statistical outlier is drawn as solid.
Mean = 3.169
Std. dev. = 5.318
Critical Tn = 2.624.
After outlier removal: mean = 2.085, std. dev. = 1.165, critical = 2.603.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9741
Critical = 0.926
The distribution, after removal of outlier, was found to be normally distributed.

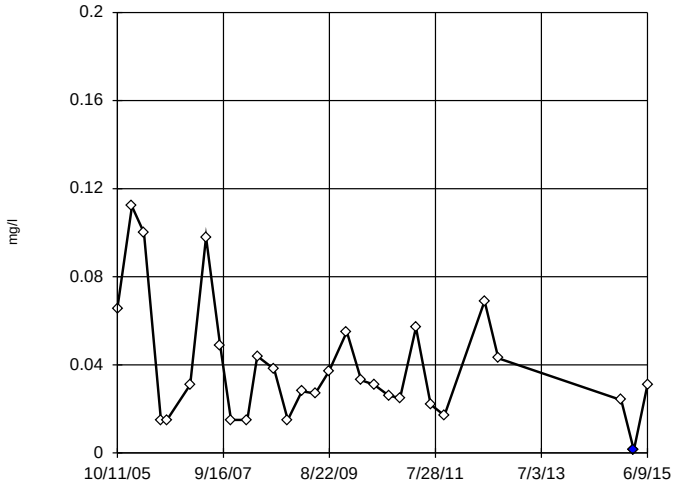
Constituent: TOC [Total Organic Carbon] Analysis Run 8/17/2015 3:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

CAO-3



n = 29

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

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9403
Critical = 0.936 (after natural log transformation)
The distribution, after removal of outlier, was found to be log-normal.

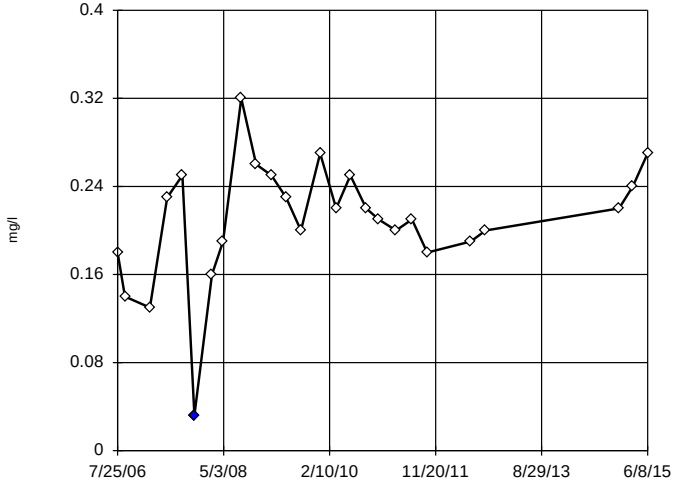
Constituent: Zinc Analysis Run 8/17/2015 3:23 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

MW-633D



n = 26

Statistical outlier is drawn as solid.
Mean = 0.2097
Std. dev. = 0.05549
Critical Tn = 2.681.
After outlier removal: mean = 0.2168, std. dev. = 0.04289, critical = 2.663.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9836
Critical = 0.931
The distribution, after removal of outlier, was found to be normally distributed.

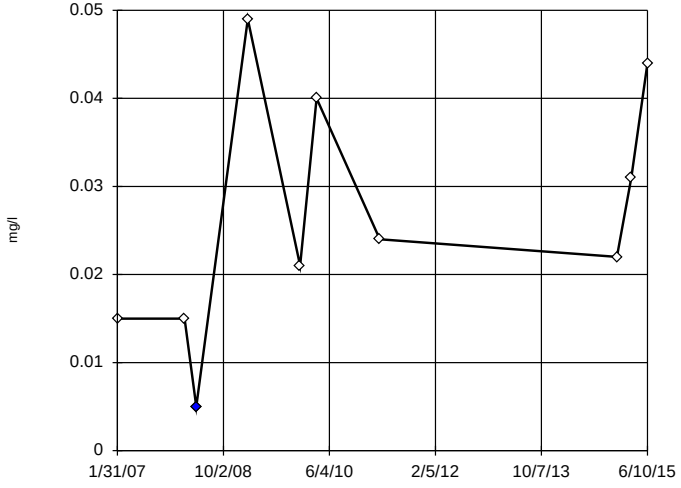
Constituent: Zinc Analysis Run 8/17/2015 3:23 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

SPRINGB



n = 10

Statistical outlier is drawn as solid.
Mean = 0.0266
Std. dev. = 0.01414
Critical Tn = 2.176.
After outlier removal: mean = 0.029, std. dev. = 0.01265, critical = 2.11.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9049
Critical = 0.859
The distribution, after removal of outlier, was found to be normally distributed.

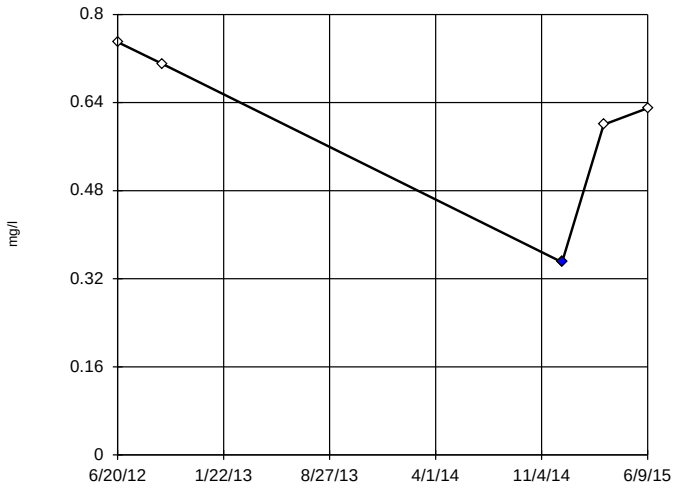
Constituent: Zinc Analysis Run 8/17/2015 3:23 PM

NABORS Client: SCS Engineers Data: NABORS flat

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EPA 1989 Outlier Screening

NE-6



n = 5

Statistical outlier is drawn as solid.
Mean = 0.608
Std. dev. = 0.1563
Critical Tn = 1.672.
After outlier removal: mean = 0.6725, std. dev. = 0.06946, critical = 1.463.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9376
Critical = 0.792
The distribution, after removal of outlier, was found to be normally distributed.

Constituent: Zinc Analysis Run 8/17/2015 3:23 PM

NABORS Client: SCS Engineers Data: NABORS flat

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/l)	**MW-4**	**-0.00...**	**-6.2**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Antimony (mg/l)	CAO-1	0	-97	-112	No	27	92.59	n/a	n/a	0.02	NP
Antimony (mg/l)	CAO-2	0	-103	-112	No	27	92.59	n/a	n/a	0.02	NP
Antimony (mg/l)	**CAO-3**	**0**	**-120**	**-119**	**Yes**	**28**	**89.29**	**n/a**	**n/a**	**0.02**	**NP**
Antimony (mg/l)	**MW-2**	**-0.00...**	**-5.018**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Antimony (mg/l)	**MW-3**	**-0.00...**	**-5.905**	**-2.33**	**Yes**	**43**	**97.67**	**n/a**	**n/a**	**0.02**	**NP**
Antimony (mg/l)	**MW-5**	**-0.00...**	**-5.931**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Antimony (mg/l)	MW-509D	0	-36	-106	No	26	88.46	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-577	0	-36	-95	No	24	79.17	n/a	n/a	0.02	NP
Antimony (mg/l)	**MW-6**	**-0.00...**	**-5.639**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Antimony (mg/l)	MW-633D	0	-10	-106	No	26	84.62	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-689D	0	-40	-95	No	24	83.33	n/a	n/a	0.02	NP
Antimony (mg/l)	**MW-7**	**-0.00...**	**-5.836**	**-2.33**	**Yes**	**43**	**97.67**	**n/a**	**n/a**	**0.02**	**NP**
Antimony (mg/l)	NAB-2	0	-9	-106	No	26	84.62	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-3	0	-20	-106	No	26	92.31	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-4	-0.00...	-82	-101	No	25	56	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-7	0	-37	-106	No	26	76.92	n/a	n/a	0.02	NP
Antimony (mg/l)	NAB-8	0	-17	-68	No	19	89.47	n/a	n/a	0.02	NP
Antimony (mg/l)	SP-7	0	6	48	No	15	73.33	n/a	n/a	0.02	NP
Antimony (mg/l)	SPRINGA	0	4	89	No	23	82.61	n/a	n/a	0.02	NP
Antimony (mg/l)	SPRINGB	0	8	27	No	10	80	n/a	n/a	0.02	NP
Antimony (mg/l)	TSP-3	0	7	23	No	9	77.78	n/a	n/a	0.02	NP
Antimony (mg/l)	MW-1R	-0.00...	-7	-10	No	5	60	n/a	n/a	0.02	NP
Antimony (mg/l)	NE-2	-0.00...	-4	-10	No	5	80	n/a	n/a	0.02	NP
Antimony (mg/l)	NE-3	-0.00...	-4	-10	No	5	80	n/a	n/a	0.02	NP
Antimony (mg/l)	NE-6	0.000...	3	10	No	5	60	n/a	n/a	0.02	NP
Antimony (mg/l)	CLASSIDRAW	0.002862	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Antimony (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Antimony (mg/l)	SP-NE-3	0.003129	NaN	NaN	No	3	33.33	n/a	n/a	NaN	NP
Arsenic (mg/l)	**MW-4**	**-0.00...**	**-5.335**	**-2.33**	**Yes**	**43**	**86.05**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	CAO-1	0.00185	116	125	No	29	3.448	n/a	n/a	0.02	NP
Arsenic (mg/l)	CAO-2	0.000...	105	125	No	29	10.34	n/a	n/a	0.02	NP
Arsenic (mg/l)	**CAO-3**	**-0.00...**	**-150**	**-125**	**Yes**	**29**	**51.72**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	**MW-2**	**-0.00...**	**-2.942**	**-2.33**	**Yes**	**43**	**18.6**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	**MW-3**	**-0.00...**	**-4.711**	**-2.33**	**Yes**	**43**	**81.4**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	**MW-5**	**-0.00...**	**-5.149**	**-2.33**	**Yes**	**43**	**86.05**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	MW-509D	0	-8	-106	No	26	38.46	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-577	-0.00...	-40	-95	No	24	12.5	n/a	n/a	0.02	NP
Arsenic (mg/l)	**MW-6**	**-0.00...**	**-5.035**	**-2.33**	**Yes**	**43**	**83.72**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	**MW-633D**	**-0.00...**	**-113**	**-106**	**Yes**	**26**	**57.69**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	MW-689D	0	33	95	No	24	45.83	n/a	n/a	0.02	NP
Arsenic (mg/l)	**MW-7**	**-0.00...**	**-5.832**	**-2.33**	**Yes**	**43**	**76.74**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/l)	NAB-2	0.003443	42	106	No	26	0	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-3	-0.00...	-99	-106	No	26	53.85	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-4	-0.00...	-18	-101	No	25	4	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-7	0.000...	66	106	No	26	15.38	n/a	n/a	0.02	NP
Arsenic (mg/l)	NAB-8	0	2	68	No	19	26.32	n/a	n/a	0.02	NP
Arsenic (mg/l)	SP-7	-0.00...	-14	-48	No	15	13.33	n/a	n/a	0.02	NP
Arsenic (mg/l)	SPRINGA	-0.00...	-67	-89	No	23	60.87	n/a	n/a	0.02	NP
Arsenic (mg/l)	SPRINGB	-0.00...	-15	-27	No	10	50	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/l)	TSP-3	-0.00...	-20	-23	No	9	55.56	n/a	n/a	0.02	NP
Arsenic (mg/l)	MW-1R	0.01128	2	10	No	5	0	n/a	n/a	0.02	NP
Arsenic (mg/l)	NE-2	-0.01098	-8	-10	No	5	0	n/a	n/a	0.02	NP
Arsenic (mg/l)	NE-3	-0.00...	-6	-10	No	5	20	n/a	n/a	0.02	NP
Arsenic (mg/l)	NE-6	-0.00...	-9	-10	No	5	40	n/a	n/a	0.02	NP
Arsenic (mg/l)	CLASSIDRAW	0.06761	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Arsenic (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Arsenic (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Barium (mg/l)	MW-4	0	-0.1159	-2.33	No	43	30.23	n/a	n/a	0.02	NP
Barium (mg/l)	**CAO-1**	**0.01024**	**150**	**125**	**Yes**	**29**	**6.897**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/l)	CAO-2	0.002422	83	125	No	29	6.897	n/a	n/a	0.02	NP
Barium (mg/l)	CAO-3	-0.00...	-27	-125	No	29	10.34	n/a	n/a	0.02	NP
Barium (mg/l)	MW-2	-0.00...	-2.113	-2.33	No	43	32.56	n/a	n/a	0.02	NP
Barium (mg/l)	MW-3	0.000...	2.313	2.33	No	43	30.23	n/a	n/a	0.02	NP
Barium (mg/l)	MW-5	0	-0.4006	-2.33	No	43	32.56	n/a	n/a	0.02	NP
Barium (mg/l)	MW-509D	0.001874	78	106	No	26	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-577	-0.00...	-57	-95	No	24	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-6	0	-0.2736	-2.33	No	43	27.91	n/a	n/a	0.02	NP
Barium (mg/l)	MW-633D	0.000...	78	106	No	26	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-689D	0.001012	86	95	No	24	0	n/a	n/a	0.02	NP
Barium (mg/l)	**MW-7**	**-0.01602**	**-3.668**	**-2.33**	**Yes**	**43**	**9.302**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/l)	NAB-2	0.000...	103	106	No	26	0	n/a	n/a	0.02	NP
Barium (mg/l)	**NAB-3**	**0.001978**	**145**	**106**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/l)	**NAB-4**	**0.001331**	**122**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/l)	**NAB-7**	**0.000...**	**151**	**106**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/l)	NAB-8	-0.00...	-17	-68	No	19	0	n/a	n/a	0.02	NP
Barium (mg/l)	SP-7	-0.00...	-7	-48	No	15	0	n/a	n/a	0.02	NP
Barium (mg/l)	SPRINGA	0.000...	47	89	No	23	0	n/a	n/a	0.02	NP
Barium (mg/l)	SPRINGB	0.007165	20	27	No	10	0	n/a	n/a	0.02	NP
Barium (mg/l)	TSP-3	0.003986	11	23	No	9	0	n/a	n/a	0.02	NP
Barium (mg/l)	MW-1R	0.01906	2	10	No	5	0	n/a	n/a	0.02	NP
Barium (mg/l)	NE-2	-0.00...	-6	-10	No	5	0	n/a	n/a	0.02	NP
Barium (mg/l)	NE-3	0.009434	4	10	No	5	0	n/a	n/a	0.02	NP
Barium (mg/l)	NE-6	-0.00...	0	10	No	5	0	n/a	n/a	0.02	NP
Barium (mg/l)	CLASSIDRAW	0.1949	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Barium (mg/l)	CLASSIVDRAW	0.0954	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Barium (mg/l)	SP-NE-3	0.03129	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Beryllium (mg/l)	**MW-4**	**-0.00...**	**-4.168**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**CAO-1**	**-0.00...**	**-135**	**-125**	**Yes**	**29**	**86.21**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	CAO-2	-0.00...	-109	-125	No	29	86.21	n/a	n/a	0.02	NP
Beryllium (mg/l)	**CAO-3**	**-0.00...**	**-141**	**-125**	**Yes**	**29**	**82.76**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**MW-2**	**-0.00...**	**-4.236**	**-2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**MW-3**	**-0.00...**	**-4.397**	**-2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**MW-5**	**-0.00...**	**-4.146**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	MW-509D	-0.00...	-85	-106	No	26	61.54	n/a	n/a	0.02	NP
Beryllium (mg/l)	**MW-577**	**-0.00...**	**-106**	**-95**	**Yes**	**24**	**83.33**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**MW-6**	**-0.00...**	**-4.097**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**MW-633D**	**-0.00...**	**-187**	**-106**	**Yes**	**26**	**84.62**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**MW-689D**	**-0.00...**	**-126**	**-95**	**Yes**	**24**	**75**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**MW-7**	**-0.00...**	**-4.327**	**-2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/l)	**NAB-2**	**-0.00...**	**-143**	**-106**	**Yes**	**26**	**96.15**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**NAB-3**	**-0.00...**	**-151**	**-106**	**Yes**	**26**	**92.31**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**NAB-4**	**-0.00...**	**-147**	**-101**	**Yes**	**25**	**92**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**NAB-7**	**-0.00...**	**-150**	**-106**	**Yes**	**26**	**92.31**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**NAB-8**	**-0.00...**	**-81**	**-68**	**Yes**	**19**	**89.47**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**SP-7**	**-0.00...**	**-69**	**-48**	**Yes**	**15**	**80**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**SPRINGA**	**-0.00...**	**-144**	**-89**	**Yes**	**23**	**91.3**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**SPRINGB**	**-0.00...**	**-33**	**-27**	**Yes**	**10**	**90**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	**TSP-3**	**-0.00...**	**-28**	**-23**	**Yes**	**9**	**88.89**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/l)	MW-1R	-0.00...	-9	-10	No	5	60	n/a	n/a	0.02	NP
Beryllium (mg/l)	NE-2	-0.00...	-8	-10	No	5	80	n/a	n/a	0.02	NP
Beryllium (mg/l)	NE-3	-0.00...	-8	-10	No	5	80	n/a	n/a	0.02	NP
Beryllium (mg/l)	NE-6	-0.00...	-8	-10	No	5	80	n/a	n/a	0.02	NP
Beryllium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Beryllium (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Beryllium (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Cadmium (mg/l)	**MW-4**	**-0.00...**	**-2.551**	**-2.33**	**Yes**	**43**	**65.12**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**CAO-1**	**-0.00...**	**-202**	**-125**	**Yes**	**29**	**75.86**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**CAO-2**	**-0.00...**	**-132**	**-125**	**Yes**	**29**	**82.76**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**CAO-3**	**-0.00...**	**-140**	**-125**	**Yes**	**29**	**58.62**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	MW-2	-0.00...	-2.316	-2.33	No	43	97.67	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-3	0.000...	2.148	2.33	No	43	60.47	n/a	n/a	0.02	NP
Cadmium (mg/l)	**MW-5**	**-0.00...**	**-2.63**	**-2.33**	**Yes**	**43**	**88.37**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**MW-509D**	**0.000...**	**166**	**106**	**Yes**	**26**	**26.92**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**MW-577**	**-0.00...**	**-147**	**-95**	**Yes**	**24**	**79.17**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**MW-6**	**-0.00...**	**-2.803**	**-2.33**	**Yes**	**43**	**83.72**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	MW-633D	-0.00...	-98	-106	No	26	38.46	n/a	n/a	0.02	NP
Cadmium (mg/l)	**MW-689D**	**-0.00...**	**-153**	**-95**	**Yes**	**24**	**79.17**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**MW-7**	**-0.00...**	**-2.539**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**NAB-2**	**-0.00...**	**-169**	**-106**	**Yes**	**26**	**96.15**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**NAB-3**	**-0.00...**	**-132**	**-106**	**Yes**	**26**	**61.54**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	NAB-4	-0.00...	-58	-101	No	25	36	n/a	n/a	0.02	NP
Cadmium (mg/l)	**NAB-7**	**-0.00...**	**-191**	**-106**	**Yes**	**26**	**84.62**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**NAB-8**	**-0.00...**	**-103**	**-68**	**Yes**	**19**	**84.21**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**SP-7**	**-0.00...**	**-65**	**-48**	**Yes**	**15**	**93.33**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	**SPRINGA**	**-0.00...**	**-151**	**-89**	**Yes**	**23**	**56.52**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/l)	SPRINGB	-0.00...	-23	-27	No	10	90	n/a	n/a	0.02	NP
Cadmium (mg/l)	TSP-3	-0.00...	-23	-23	No	9	88.89	n/a	n/a	0.02	NP
Cadmium (mg/l)	MW-1R	-0.00...	-9	-10	No	5	40	n/a	n/a	0.02	NP
Cadmium (mg/l)	NE-2	-0.00...	-5	-10	No	5	60	n/a	n/a	0.02	NP
Cadmium (mg/l)	NE-3	-0.00...	-9	-10	No	5	40	n/a	n/a	0.02	NP
Cadmium (mg/l)	NE-6	-0.00...	-9	-10	No	5	40	n/a	n/a	0.02	NP
Cadmium (mg/l)	CLASSIDRAW	0.001431	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Cadmium (mg/l)	CLASSIVDRAW	0.002966	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Cadmium (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Chloride (mg/l)	**MW-4**	**0.1107**	**2.474**	**2.33**	**Yes**	**42**	**2.381**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	**CAO-1**	**4.902**	**121**	**119**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	CAO-2	0	19	119	No	28	0	n/a	n/a	0.02	NP
Chloride (mg/l)	CAO-3	0.251	70	119	No	28	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-2	0.1955	1.714	2.33	No	42	2.381	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/l)	**MW-3**	**-0.3111**	**-3.621**	**-2.33**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	**MW-5**	**0.1193**	**3.88**	**2.33**	**Yes**	**42**	**2.381**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	**MW-509D**	**0.3526**	**172**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	MW-577	0.08391	85	89	No	23	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-6	0.06737	0.4989	2.33	No	42	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-633D	0.1766	75	101	No	25	0	n/a	n/a	0.02	NP
Chloride (mg/l)	**MW-689D**	**0.2441**	**90**	**89**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	**MW-7**	**-0.3533**	**-3.795**	**-2.33**	**Yes**	**42**	**4.762**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	**NAB-2**	**0.2082**	**148**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	**NAB-3**	**0.2732**	**108**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	NAB-4	0.03174	15	95	No	24	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NAB-7	0.1559	101	101	No	25	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NAB-8	0.0394	33	63	No	18	0	n/a	n/a	0.02	NP
Chloride (mg/l)	**SP-7**	**1.479**	**67**	**44**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	SPRINGA	0.3072	81	84	No	22	0	n/a	n/a	0.02	NP
Chloride (mg/l)	**SPRINGB**	**12.2**	**31**	**23**	**Yes**	**9**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/l)	TSP-3	0.5355	20	20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/l)	MW-1R	23.32	4	8	No	4	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NE-2	-8.974	-6	-8	No	4	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NE-3	1.438	4	8	No	4	0	n/a	n/a	0.02	NP
Chloride (mg/l)	NE-6	0.0873	3	8	No	4	0	n/a	n/a	0.02	NP
Chloride (mg/l)	SP-NE-3	21.82	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Cobalt (mg/l)	**MW-4**	**-0.00...**	**-5.437**	**-2.33**	**Yes**	**43**	**100**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	**CAO-1**	**-0.00432**	**-153**	**-125**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	**CAO-2**	**0**	**-152**	**-125**	**Yes**	**29**	**75.86**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	CAO-3	0	-123	-125	No	29	96.55	n/a	n/a	0.02	NP
Cobalt (mg/l)	**MW-2**	**-0.00...**	**-5.447**	**-2.33**	**Yes**	**43**	**97.67**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	**MW-3**	**-0.00...**	**-5.437**	**-2.33**	**Yes**	**43**	**100**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	**MW-5**	**-0.00...**	**-5.424**	**-2.33**	**Yes**	**43**	**97.67**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	MW-509D	0	-45	-106	No	26	76.92	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-577	0	-44	-95	No	24	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	**MW-6**	**-0.00...**	**-5.437**	**-2.33**	**Yes**	**43**	**100**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	MW-633D	0	-37	-106	No	26	96.15	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-689D	0	-90	-95	No	24	79.17	n/a	n/a	0.02	NP
Cobalt (mg/l)	**MW-7**	**-0.00...**	**-4.142**	**-2.33**	**Yes**	**43**	**83.72**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/l)	NAB-2	0	-53	-106	No	26	96.15	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-3	0	-78	-106	No	26	88.46	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-4	0	-65	-101	No	25	92	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-7	0	-48	-106	No	26	84.62	n/a	n/a	0.02	NP
Cobalt (mg/l)	NAB-8	0	-30	-68	No	19	94.74	n/a	n/a	0.02	NP
Cobalt (mg/l)	SP-7	0	-25	-48	No	15	86.67	n/a	n/a	0.02	NP
Cobalt (mg/l)	SPRINGA	0	-42	-89	No	23	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	SPRINGB	-0.00...	-22	-27	No	10	70	n/a	n/a	0.02	NP
Cobalt (mg/l)	TSP-3	-0.00...	-18	-23	No	9	88.89	n/a	n/a	0.02	NP
Cobalt (mg/l)	MW-1R	-0.02409	-4	-10	No	5	0	n/a	n/a	0.02	NP
Cobalt (mg/l)	NE-2	-0.00...	-8	-10	No	5	80	n/a	n/a	0.02	NP
Cobalt (mg/l)	NE-3	-0.00...	-8	-10	No	5	80	n/a	n/a	0.02	NP
Cobalt (mg/l)	NE-6	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Cobalt (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cobalt (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/l)	SP-NE-3	-0.00803	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Copper (mg/l)	**MW-4**	**-0.00...**	**-2.723**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**CAO-1**	**-0.00...**	**-128**	**-125**	**Yes**	**29**	**75.86**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	CAO-2	-0.00...	-116	-125	No	29	68.97	n/a	n/a	0.02	NP
Copper (mg/l)	**CAO-3**	**-0.00...**	**-130**	**-125**	**Yes**	**29**	**68.97**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	MW-2	-0.00...	-2.082	-2.33	No	43	90.7	n/a	n/a	0.02	NP
Copper (mg/l)	**MW-3**	**-0.00...**	**-2.429**	**-2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**MW-5**	**-0.00...**	**-2.469**	**-2.33**	**Yes**	**43**	**97.67**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	MW-509D	0	-36	-106	No	26	57.69	n/a	n/a	0.02	NP
Copper (mg/l)	**MW-577**	**-0.00...**	**-120**	**-95**	**Yes**	**24**	**66.67**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	MW-6	0	-2.006	-2.33	No	43	90.7	n/a	n/a	0.02	NP
Copper (mg/l)	**MW-633D**	**-0.00...**	**-113**	**-106**	**Yes**	**26**	**80.77**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	MW-689D	-0.00...	-61	-95	No	24	66.67	n/a	n/a	0.02	NP
Copper (mg/l)	**MW-7**	**-0.00...**	**-2.394**	**-2.33**	**Yes**	**43**	**83.72**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**NAB-2**	**-0.00...**	**-134**	**-106**	**Yes**	**26**	**80.77**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**NAB-3**	**-0.00...**	**-113**	**-106**	**Yes**	**26**	**57.69**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**NAB-4**	**-0.00...**	**-137**	**-101**	**Yes**	**25**	**72**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**NAB-7**	**-0.00...**	**-126**	**-106**	**Yes**	**26**	**92.31**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**NAB-8**	**-0.00...**	**-98**	**-68**	**Yes**	**19**	**63.16**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**SP-7**	**-0.00...**	**-73**	**-48**	**Yes**	**15**	**53.33**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	**SPRINGA**	**-0.00...**	**-96**	**-89**	**Yes**	**23**	**91.3**	**n/a**	**n/a**	**0.02**	**NP**
Copper (mg/l)	SPRINGB	-0.00...	-24	-27	No	10	70	n/a	n/a	0.02	NP
Copper (mg/l)	TSP-3	-0.00...	-22	-23	No	9	55.56	n/a	n/a	0.02	NP
Copper (mg/l)	MW-1R	-0.00...	-7	-10	No	5	60	n/a	n/a	0.02	NP
Copper (mg/l)	NE-2	-0.00152	-5	-10	No	5	40	n/a	n/a	0.02	NP
Copper (mg/l)	NE-3	-0.00...	-9	-10	No	5	60	n/a	n/a	0.02	NP
Copper (mg/l)	NE-6	-0.00...	-4	-10	No	5	100	n/a	n/a	0.02	NP
Copper (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Copper (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Copper (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Cyanide (mg/l)	MW-4	0	-29	-35	No	12	91.67	n/a	n/a	0.02	NP
Cyanide (mg/l)	CAO-1	0	-21	-35	No	12	83.33	n/a	n/a	0.02	NP
Cyanide (mg/l)	CAO-2	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	CAO-3	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-2	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-3	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-5	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-509D	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-577	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-6	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-633D	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-689D	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-7	0	-29	-35	No	12	91.67	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-2	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-3	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-4	0	-29	-35	No	12	91.67	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-7	0	-20	-35	No	12	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NAB-8	0	-16	-27	No	10	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	SP-7	0	-14	-23	No	9	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	SPRINGA	0	-26	-31	No	11	90.91	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cyanide (mg/l)	SPRINGB	-0.00...	-4	-8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	TSP-3	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	MW-1R	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NE-2	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NE-3	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	NE-6	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cyanide (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cyanide (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dissolved Solids (mg/l)	**MW-4**	**3.928**	**5.162**	**2.33**	**Yes**	**43**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	**CAO-1**	**-27.38**	**-144**	**-125**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	CAO-2	-1.203	-29	-125	No	29	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	CAO-3	-3.245	-38	-125	No	29	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	MW-2	-1.786	-1.353	-2.33	No	43	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	**MW-3**	**10.13**	**4.011**	**2.33**	**Yes**	**43**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	**MW-5**	**5.754**	**5.732**	**2.33**	**Yes**	**43**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	MW-509D	9.217	99	106	No	26	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	MW-577	0	-14	-95	No	24	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	**MW-6**	**1.24**	**2.36**	**2.33**	**Yes**	**43**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	**MW-633D**	**7.199**	**168**	**106**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	MW-689D	4.74	50	95	No	24	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	MW-7	1.321	1.238	2.33	No	43	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	NAB-2	5.074	97	106	No	26	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	**NAB-3**	**18.02**	**191**	**106**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	**NAB-4**	**12.88**	**171**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Dissolved Solids (mg/l)	NAB-7	5.074	86	106	No	26	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	NAB-8	0	18	68	No	19	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	SP-7	9.468	42	48	No	15	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	SPRINGA	16.65	87	89	No	23	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	SPRINGB	30.91	27	27	No	10	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	TSP-3	14.37	11	23	No	9	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	MW-1R	43.87	5	10	No	5	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	NE-2	-141.1	-3	-10	No	5	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	NE-3	-3.843	-2	-10	No	5	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	NE-6	6.734	2	10	No	5	0	n/a	n/a	0.02	NP
Dissolved Solids (mg/l)	CLASSIDRAW	269.6	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Dissolved Solids (mg/l)	CLASSIVDRAW	124.4	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Dissolved Solids (mg/l)	SP-NE-3	187.7	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Iron (mg/l)	MW-4	0	-1.118	-2.33	No	43	58.14	n/a	n/a	0.02	NP
Iron (mg/l)	**CAO-1**	**3.282**	**242**	**125**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Iron (mg/l)	CAO-2	0.006772	32	125	No	29	27.59	n/a	n/a	0.02	NP
Iron (mg/l)	CAO-3	0.003358	35	125	No	29	37.93	n/a	n/a	0.02	NP
Iron (mg/l)	MW-2	0	0.07588	2.33	No	43	62.79	n/a	n/a	0.02	NP
Iron (mg/l)	MW-3	0	0.9168	2.33	No	43	60.47	n/a	n/a	0.02	NP
Iron (mg/l)	MW-5	0.000...	1.993	2.33	No	43	62.79	n/a	n/a	0.02	NP
Iron (mg/l)	**MW-509D**	**0.2289**	**123**	**106**	**Yes**	**26**	**34.62**	**n/a**	**n/a**	**0.02**	**NP**
Iron (mg/l)	MW-577	0.008598	17	95	No	24	8.333	n/a	n/a	0.02	NP
Iron (mg/l)	MW-6	0	1.188	2.33	No	43	67.44	n/a	n/a	0.02	NP
Iron (mg/l)	**MW-633D**	**0.04912**	**117**	**106**	**Yes**	**26**	**50**	**n/a**	**n/a**	**0.02**	**NP**
Iron (mg/l)	MW-689D	0.1159	90	95	No	24	12.5	n/a	n/a	0.02	NP

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Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Iron (mg/l)	MW-7	0	0.4486	2.33	No	43	51.16	n/a	n/a	0.02	NP
Iron (mg/l)	**NAB-2**	**0.05362**	**110**	**106**	**Yes**	**26**	**38.46**	**n/a**	**n/a**	**0.02**	**NP**
Iron (mg/l)	**NAB-3**	**0.03056**	**174**	**106**	**Yes**	**26**	**38.46**	**n/a**	**n/a**	**0.02**	**NP**
Iron (mg/l)	NAB-4	0	25	101	No	25	48	n/a	n/a	0.02	NP
Iron (mg/l)	**NAB-7**	**0.03977**	**134**	**106**	**Yes**	**26**	**46.15**	**n/a**	**n/a**	**0.02**	**NP**
Iron (mg/l)	NAB-8	0.01079	32	68	No	19	36.84	n/a	n/a	0.02	NP
Iron (mg/l)	SP-7	-0.2121	-17	-48	No	15	0	n/a	n/a	0.02	NP
Iron (mg/l)	**SPRINGA**	**-0.07598**	**-127**	**-89**	**Yes**	**23**	**13.04**	**n/a**	**n/a**	**0.02**	**NP**
Iron (mg/l)	SPRINGB	0	1	27	No	10	20	n/a	n/a	0.02	NP
Iron (mg/l)	TSP-3	-0.00...	-1	-23	No	9	33.33	n/a	n/a	0.02	NP
Iron (mg/l)	MW-1R	3.814	2	10	No	5	0	n/a	n/a	0.02	NP
Iron (mg/l)	NE-2	-3.368	-8	-10	No	5	0	n/a	n/a	0.02	NP
Iron (mg/l)	NE-3	-1.331	-6	-10	No	5	20	n/a	n/a	0.02	NP
Iron (mg/l)	NE-6	-0.8366	-9	-10	No	5	40	n/a	n/a	0.02	NP
Iron (mg/l)	CLASSIDRAW	89.18	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Iron (mg/l)	CLASSIVDRAW	2.613	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Iron (mg/l)	SP-NE-3	1.293	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Lead (mg/l)	**MW-4**	**0**	**-3.732**	**-2.33**	**Yes**	**43**	**88.37**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/l)	CAO-1	-0.00...	-117	-125	No	29	44.83	n/a	n/a	0.02	NP
Lead (mg/l)	CAO-2	-0.00...	-85	-125	No	29	48.28	n/a	n/a	0.02	NP
Lead (mg/l)	CAO-3	-0.00...	-108	-125	No	29	48.28	n/a	n/a	0.02	NP
Lead (mg/l)	MW-2	0	-2.21	-2.33	No	43	88.37	n/a	n/a	0.02	NP
Lead (mg/l)	**MW-3**	**0**	**-3.364**	**-2.33**	**Yes**	**43**	**86.05**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/l)	**MW-5**	**0**	**-3.815**	**-2.33**	**Yes**	**43**	**88.37**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/l)	MW-509D	0.000555	95	106	No	26	53.85	n/a	n/a	0.02	NP
Lead (mg/l)	MW-577	-0.00...	-75	-95	No	24	45.83	n/a	n/a	0.02	NP
Lead (mg/l)	**MW-6**	**0**	**-3.275**	**-2.33**	**Yes**	**43**	**81.4**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/l)	**MW-633D**	**-0.00...**	**-128**	**-106**	**Yes**	**26**	**53.85**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/l)	MW-689D	0.000...	39	95	No	24	50	n/a	n/a	0.02	NP
Lead (mg/l)	**MW-7**	**0**	**-3.81**	**-2.33**	**Yes**	**43**	**81.4**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/l)	NAB-2	0.000...	25	106	No	26	42.31	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-3	0	-54	-106	No	26	61.54	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-4	0	-21	-101	No	25	52	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-7	0.002629	77	106	No	26	42.31	n/a	n/a	0.02	NP
Lead (mg/l)	NAB-8	-0.00...	-61	-68	No	19	47.37	n/a	n/a	0.02	NP
Lead (mg/l)	SP-7	-0.00...	-35	-48	No	15	40	n/a	n/a	0.02	NP
Lead (mg/l)	SPRINGA	-0.00...	-87	-89	No	23	56.52	n/a	n/a	0.02	NP
Lead (mg/l)	SPRINGB	-0.00...	-13	-27	No	10	70	n/a	n/a	0.02	NP
Lead (mg/l)	TSP-3	-0.00...	-10	-23	No	9	44.44	n/a	n/a	0.02	NP
Lead (mg/l)	MW-1R	-0.01817	-4	-10	No	5	40	n/a	n/a	0.02	NP
Lead (mg/l)	NE-2	-0.00...	-2	-10	No	5	40	n/a	n/a	0.02	NP
Lead (mg/l)	NE-3	-0.00...	-2	-10	No	5	0	n/a	n/a	0.02	NP
Lead (mg/l)	NE-6	-0.00...	-3	-10	No	5	20	n/a	n/a	0.02	NP
Lead (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Lead (mg/l)	CLASSIVDRAW	0.006263	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Lead (mg/l)	SP-NE-3	0.00438	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Manganese (mg/l)	**MW-4**	**-0.00...**	**-6.159**	**-2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Manganese (mg/l)	**CAO-1**	**-0.9053**	**-252**	**-125**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Manganese (mg/l)	CAO-2	0.002655	13	125	No	29	0	n/a	n/a	0.02	NP
Manganese (mg/l)	CAO-3	-0.00...	-79	-125	No	29	41.38	n/a	n/a	0.02	NP

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Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Manganese (mg/l)	**MW-2**	**-0.00...**	**-6.203**	**-2.33**	**Yes**	**43**	**72.09**	**n/a**	**n/a**	**0.02**	**NP**
Manganese (mg/l)	MW-3	0	-1.518	-2.33	No	43	74.42	n/a	n/a	0.02	NP
Manganese (mg/l)	**MW-5**	**-0.00...**	**-6.219**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Manganese (mg/l)	MW-509D	0.003594	83	106	No	26	50	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-577	0	3	95	No	24	54.17	n/a	n/a	0.02	NP
Manganese (mg/l)	**MW-6**	**-0.00...**	**-6.263**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Manganese (mg/l)	MW-633D	0.0019	91	106	No	26	53.85	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-689D	0	-8	-95	No	24	41.67	n/a	n/a	0.02	NP
Manganese (mg/l)	**MW-7**	**0.007444**	**2.667**	**2.33**	**Yes**	**43**	**39.53**	**n/a**	**n/a**	**0.02**	**NP**
Manganese (mg/l)	NAB-2	0.000137	23	106	No	26	7.692	n/a	n/a	0.02	NP
Manganese (mg/l)	**NAB-3**	**0.03785**	**122**	**106**	**Yes**	**26**	**30.77**	**n/a**	**n/a**	**0.02**	**NP**
Manganese (mg/l)	NAB-4	0.00276	60	101	No	25	28	n/a	n/a	0.02	NP
Manganese (mg/l)	NAB-7	0.000...	98	106	No	26	46.15	n/a	n/a	0.02	NP
Manganese (mg/l)	NAB-8	-0.00...	-46	-68	No	19	36.84	n/a	n/a	0.02	NP
Manganese (mg/l)	SP-7	-0.02623	-6	-48	No	15	0	n/a	n/a	0.02	NP
Manganese (mg/l)	SPRINGA	-0.00...	-6	-89	No	23	0	n/a	n/a	0.02	NP
Manganese (mg/l)	SPRINGB	0.01884	4	27	No	10	10	n/a	n/a	0.02	NP
Manganese (mg/l)	TSP-3	-0.00...	-6	-23	No	9	22.22	n/a	n/a	0.02	NP
Manganese (mg/l)	MW-1R	-0.4383	-10	-10	No	5	0	n/a	n/a	0.02	NP
Manganese (mg/l)	NE-2	-0.00...	-2	-10	No	5	0	n/a	n/a	0.02	NP
Manganese (mg/l)	NE-3	-0.06236	-4	-10	No	5	0	n/a	n/a	0.02	NP
Manganese (mg/l)	NE-6	-0.0113	-9	-10	No	5	40	n/a	n/a	0.02	NP
Manganese (mg/l)	CLASSIDRAW	4.48	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Manganese (mg/l)	CLASSIVDRAW	1.34	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Manganese (mg/l)	SP-NE-3	0.2021	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Mercury (mg/l)	**MW-4**	**-0.00...**	**-149**	**-101**	**Yes**	**25**	**64**	**n/a**	**n/a**	**0.02**	**NP**
Mercury (mg/l)	CAO-1	0	-62	-101	No	25	96	n/a	n/a	0.02	NP
Mercury (mg/l)	CAO-2	0	-53	-101	No	25	88	n/a	n/a	0.02	NP
Mercury (mg/l)	CAO-3	0	-46	-101	No	25	100	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-2	0	-65	-101	No	25	92	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-3	0	-62	-101	No	25	96	n/a	n/a	0.02	NP
Mercury (mg/l)	**MW-5**	**-0.00...**	**-141**	**-101**	**Yes**	**25**	**68**	**n/a**	**n/a**	**0.02**	**NP**
Mercury (mg/l)	MW-509D	0	-42	-101	No	25	80	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-577	0	-51	-95	No	24	91.67	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-6	0	11	101	No	25	60	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-633D	0	-62	-101	No	25	96	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-689D	0	-65	-95	No	24	83.33	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-7	0	-65	-101	No	25	92	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-2	0	-64	-101	No	25	92	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-3	0	-54	-101	No	25	64	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-4	0	-59	-95	No	24	91.67	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-7	0	-65	-101	No	25	92	n/a	n/a	0.02	NP
Mercury (mg/l)	NAB-8	0	-29	-63	No	18	94.44	n/a	n/a	0.02	NP
Mercury (mg/l)	SP-7	0	-32	-48	No	15	86.67	n/a	n/a	0.02	NP
Mercury (mg/l)	SPRINGA	0	-55	-89	No	23	86.96	n/a	n/a	0.02	NP
Mercury (mg/l)	SPRINGB	0	-17	-27	No	10	90	n/a	n/a	0.02	NP
Mercury (mg/l)	TSP-3	0	-14	-23	No	9	100	n/a	n/a	0.02	NP
Mercury (mg/l)	MW-1R	-0.00...	-2	-10	No	5	20	n/a	n/a	0.02	NP
Mercury (mg/l)	NE-2	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/l)	NE-3	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Mercury (mg/l)	NE-6	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Mercury (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Mercury (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Nickel (mg/l)	**MW-4**	**0**	**2.494**	**2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/l)	**CAO-1**	**-0.00...**	**-204**	**-125**	**Yes**	**29**	**6.897**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/l)	CAO-2	0	-86	-125	No	29	72.41	n/a	n/a	0.02	NP
Nickel (mg/l)	CAO-3	0	-112	-125	No	29	89.66	n/a	n/a	0.02	NP
Nickel (mg/l)	**MW-2**	**0**	**2.868**	**2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/l)	**MW-3**	**0**	**3.191**	**2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/l)	MW-5	0	1.958	2.33	No	43	95.35	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-509D	0	24	106	No	26	80.77	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-577	0	-50	-95	No	24	87.5	n/a	n/a	0.02	NP
Nickel (mg/l)	**MW-6**	**0**	**2.603**	**2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/l)	MW-633D	0	-43	-106	No	26	92.31	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-689D	0	-79	-95	No	24	75	n/a	n/a	0.02	NP
Nickel (mg/l)	**MW-7**	**0.000...**	**3.014**	**2.33**	**Yes**	**43**	**76.74**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/l)	NAB-2	0	-48	-106	No	26	88.46	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-3	0	-15	-106	No	26	88.46	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-4	0	-3	-101	No	25	56	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-7	0	-84	-106	No	26	69.23	n/a	n/a	0.02	NP
Nickel (mg/l)	NAB-8	0	-34	-68	No	19	73.68	n/a	n/a	0.02	NP
Nickel (mg/l)	SP-7	0	-34	-48	No	15	93.33	n/a	n/a	0.02	NP
Nickel (mg/l)	SPRINGA	0	-56	-89	No	23	95.65	n/a	n/a	0.02	NP
Nickel (mg/l)	SPRINGB	-0.00...	-23	-27	No	10	90	n/a	n/a	0.02	NP
Nickel (mg/l)	TSP-3	0	-14	-23	No	9	100	n/a	n/a	0.02	NP
Nickel (mg/l)	MW-1R	-0.02033	-3	-10	No	5	0	n/a	n/a	0.02	NP
Nickel (mg/l)	NE-2	0.005804	5	10	No	5	40	n/a	n/a	0.02	NP
Nickel (mg/l)	NE-3	-0.00909	-9	-10	No	5	60	n/a	n/a	0.02	NP
Nickel (mg/l)	NE-6	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Nickel (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Nickel (mg/l)	CLASSIVDRAW	-0.01566	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/l)	SP-NE-3	-0.01575	NaN	NaN	No	3	100	n/a	n/a	NaN	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**

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
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...**	**-3.265**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**CAO-1**	**-0.00...**	**-192**	**-125**	**Yes**	**29**	**55.17**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**CAO-2**	**-0.00...**	**-185**	**-125**	**Yes**	**29**	**82.76**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**CAO-3**	**-0.00...**	**-175**	**-125**	**Yes**	**29**	**89.66**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-2**	**-0.00...**	**-2.902**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-3**	**-0.00...**	**-3.194**	**-2.33**	**Yes**	**43**	**97.67**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-5**	**-0.00...**	**-3.004**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-509D**	**-0.00...**	**-158**	**-106**	**Yes**	**26**	**76.92**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-577**	**-0.00...**	**-140**	**-95**	**Yes**	**24**	**91.67**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-6**	**-0.00...**	**-3.091**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-633D**	**-0.00...**	**-166**	**-106**	**Yes**	**26**	**92.31**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-689D**	**-0.00...**	**-134**	**-95**	**Yes**	**24**	**83.33**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**MW-7**	**-0.00...**	**-3.163**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**NAB-2**	**-0.00...**	**-180**	**-106**	**Yes**	**26**	**92.31**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**NAB-3**	**-0.00...**	**-154**	**-106**	**Yes**	**26**	**100**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**NAB-4**	**-0.00...**	**-144**	**-101**	**Yes**	**25**	**92**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**NAB-7**	**-0.00...**	**-172**	**-106**	**Yes**	**26**	**92.31**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	**NAB-8**	**-0.00...**	**-102**	**-68**	**Yes**	**19**	**78.95**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	SP-7	-0.00...	-44	-48	No	15	73.33	n/a	n/a	0.02	NP
Selenium (mg/l)	**SPRINGA**	**-0.00...**	**-122**	**-89**	**Yes**	**23**	**95.65**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/l)	SPRINGB	-0.00...	-22	-27	No	10	70	n/a	n/a	0.02	NP
Selenium (mg/l)	TSP-3	-0.00...	-20	-23	No	9	100	n/a	n/a	0.02	NP
Selenium (mg/l)	MW-1R	-0.00...	-6	-10	No	5	80	n/a	n/a	0.02	NP
Selenium (mg/l)	NE-2	-0.00...	-7	-10	No	5	60	n/a	n/a	0.02	NP
Selenium (mg/l)	NE-3	-0.00...	-7	-10	No	5	80	n/a	n/a	0.02	NP
Selenium (mg/l)	NE-6	-0.00...	-4	-10	No	5	100	n/a	n/a	0.02	NP
Selenium (mg/l)	CLASSIDRAW	-0.00168	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Selenium (mg/l)	CLASSIVDRAW	-0.00168	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Selenium (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Silver (mg/l)	MW-4	0	-1.763	-2.33	No	43	95.35	n/a	n/a	0.02	NP
Silver (mg/l)	CAO-1	0	28	125	No	29	93.1	n/a	n/a	0.02	NP
Silver (mg/l)	CAO-2	0	28	125	No	29	93.1	n/a	n/a	0.02	NP
Silver (mg/l)	CAO-3	0	25	125	No	29	100	n/a	n/a	0.02	NP
Silver (mg/l)	MW-2	0	-1.652	-2.33	No	43	95.35	n/a	n/a	0.02	NP
Silver (mg/l)	MW-3	0	-1.1	-2.33	No	43	97.67	n/a	n/a	0.02	NP
Silver (mg/l)	MW-5	0	-0.6194	-2.33	No	43	93.02	n/a	n/a	0.02	NP
Silver (mg/l)	MW-509D	0	-33	-106	No	26	96.15	n/a	n/a	0.02	NP
Silver (mg/l)	MW-577	0	-39	-95	No	24	91.67	n/a	n/a	0.02	NP
Silver (mg/l)	MW-6	0	-1.394	-2.33	No	43	93.02	n/a	n/a	0.02	NP
Silver (mg/l)	MW-633D	0	-76	-106	No	26	88.46	n/a	n/a	0.02	NP
Silver (mg/l)	MW-689D	0	-53	-95	No	24	95.83	n/a	n/a	0.02	NP
Silver (mg/l)	MW-7	0	-0.8013	-2.33	No	43	95.35	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-2	0	-43	-106	No	26	96.15	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-3	0	-50	-106	No	26	88.46	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-4	0	-78	-101	No	25	84	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Silver (mg/l)	NAB-7	0	-53	-106	No	26	96.15	n/a	n/a	0.02	NP
Silver (mg/l)	NAB-8	0	-36	-68	No	19	94.74	n/a	n/a	0.02	NP
Silver (mg/l)	SP-7	0	-43	-48	No	15	80	n/a	n/a	0.02	NP
Silver (mg/l)	SPRINGA	0	-44	-89	No	23	95.65	n/a	n/a	0.02	NP
Silver (mg/l)	SPRINGB	0	-19	-27	No	10	90	n/a	n/a	0.02	NP
Silver (mg/l)	TSP-3	0	-14	-23	No	9	100	n/a	n/a	0.02	NP
Silver (mg/l)	MW-1R	-0.00127	-6	-10	No	5	100	n/a	n/a	0.02	NP
Silver (mg/l)	NE-2	-0.00127	-6	-10	No	5	100	n/a	n/a	0.02	NP
Silver (mg/l)	NE-3	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Silver (mg/l)	NE-6	-0.00...	-6	-10	No	5	100	n/a	n/a	0.02	NP
Silver (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Silver (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Silver (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfate (mg/l)	**MW-4**	**0.286**	**3.731**	**2.33**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	**CAO-1**	**-2.216**	**-208**	**-119**	**Yes**	**28**	**10.71**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	CAO-2	-0.3321	-33	-119	No	28	10.71	n/a	n/a	0.02	NP
Sulfate (mg/l)	CAO-3	-0.7599	-60	-119	No	28	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-2	0.21	1.349	2.33	No	42	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	**MW-3**	**-0.5043**	**-4.542**	**-2.33**	**Yes**	**42**	**2.381**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	**MW-5**	**0.311**	**5.337**	**2.33**	**Yes**	**42**	**4.762**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	**MW-509D**	**0.4164**	**102**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	**MW-577**	**-2.622**	**-92**	**-89**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	**MW-6**	**0.198**	**4.65**	**2.33**	**Yes**	**42**	**14.29**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	MW-633D	0	-10	-101	No	25	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-689D	0	19	89	No	23	4.348	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-7	0.06348	0.6184	2.33	No	42	2.381	n/a	n/a	0.02	NP
Sulfate (mg/l)	**NAB-2**	**-1.298**	**-159**	**-101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	**NAB-3**	**0.8923**	**121**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	NAB-4	2.043	74	95	No	24	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	**NAB-7**	**1.489**	**129**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	NAB-8	-0.4325	-57	-63	No	18	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	SP-7	-0.5038	-25	-44	No	14	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	**SPRINGA**	**1.653**	**93**	**84**	**Yes**	**22**	**13.64**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/l)	SPRINGB	-0.5779	-2	-23	No	9	11.11	n/a	n/a	0.02	NP
Sulfate (mg/l)	TSP-3	0.007093	1	20	No	8	25	n/a	n/a	0.02	NP
Sulfate (mg/l)	MW-1R	1.78	2	8	No	4	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NE-2	-228.5	-5	-8	No	4	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NE-3	-5.231	-6	-8	No	4	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	NE-6	-0.4386	0	8	No	4	0	n/a	n/a	0.02	NP
Sulfate (mg/l)	SP-NE-3	31.19	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Thallium (mg/l)	MW-4	0	-1.456	-2.33	No	43	100	n/a	n/a	0.02	NP
Thallium (mg/l)	CAO-1	0	-117	-125	No	29	96.55	n/a	n/a	0.02	NP
Thallium (mg/l)	**CAO-2**	**0**	**-159**	**-125**	**Yes**	**29**	**79.31**	**n/a**	**n/a**	**0.02**	**NP**
Thallium (mg/l)	CAO-3	0	-76	-125	No	29	100	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-2	0	-1.991	-2.33	No	43	97.67	n/a	n/a	0.02	NP
Thallium (mg/l)	**MW-3**	**0**	**-3.317**	**-2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Thallium (mg/l)	MW-5	0	-1.673	-2.33	No	43	97.67	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-509D	0	-12	-106	No	26	88.46	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-577	0	-23	-95	No	24	100	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-6	0	-1.991	-2.33	No	43	97.67	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Thallium (mg/l)	MW-633D	0	-71	-106	No	26	96.15	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-689D	0	-40	-95	No	24	91.67	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-7	0	-1.991	-2.33	No	43	97.67	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-2	0	-25	-106	No	26	100	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-3	0	-25	-106	No	26	100	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-4	0	-79	-101	No	25	76	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-7	0	-25	-106	No	26	100	n/a	n/a	0.02	NP
Thallium (mg/l)	NAB-8	0	-13	-68	No	19	94.74	n/a	n/a	0.02	NP
Thallium (mg/l)	SP-7	0	-14	-48	No	15	100	n/a	n/a	0.02	NP
Thallium (mg/l)	SPRINGA	0	-19	-89	No	23	100	n/a	n/a	0.02	NP
Thallium (mg/l)	SPRINGB	0	-9	-27	No	10	100	n/a	n/a	0.02	NP
Thallium (mg/l)	TSP-3	0	-8	-23	No	9	100	n/a	n/a	0.02	NP
Thallium (mg/l)	MW-1R	-0.00...	-7	-10	No	5	60	n/a	n/a	0.02	NP
Thallium (mg/l)	NE-2	-0.00...	-8	-10	No	5	80	n/a	n/a	0.02	NP
Thallium (mg/l)	NE-3	-0.00...	-4	-10	No	5	100	n/a	n/a	0.02	NP
Thallium (mg/l)	NE-6	-0.00...	-4	-10	No	5	80	n/a	n/a	0.02	NP
Thallium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Thallium (mg/l)	CLASSIVDRAW	-0.00...	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Thallium (mg/l)	SP-NE-3	-0.00...	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
TOC [Total Organic Carbon] (mg/l)	MW-4	0	1.529	2.33	No	43	51.16	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CAO-1	0.639	119	125	No	29	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CAO-2	-0.05518	-37	-125	No	29	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CAO-3	-0.2052	-108	-125	No	29	13.79	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-2	0.05772	2.004	2.33	No	43	39.53	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-3	0.007348	1.27	2.33	No	43	37.21	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-5	0	0.2304	2.33	No	43	51.16	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-509D	0	9	106	No	26	23.08	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-577	0	-29	-95	No	24	33.33	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-6	0.02781	1.347	2.33	No	43	27.91	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-633D	0	-8	-106	No	26	19.23	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-689D	-0.06978	-34	-95	No	24	25	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-7	0	0.6162	2.33	No	43	37.21	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-2	-0.2117	-106	-106	No	26	34.62	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-3	-0.0671	-31	-106	No	26	19.23	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-4	-0.00...	-25	-101	No	25	24	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-7	0	3	106	No	26	26.92	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NAB-8	-0.02051	-6	-68	No	19	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	SP-7	-0.02672	-7	-48	No	15	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	SPRINGA	-0.2112	-60	-89	No	23	4.348	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	SPRINGB	0.5081	15	27	No	10	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	TSP-3	-0.08926	-4	-23	No	9	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	MW-1R	2.254	2	10	No	5	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NE-2	-18.22	-9	-10	No	5	0	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NE-3	0.9561	4	10	No	5	20	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	NE-6	-0.06826	-1	-10	No	5	60	n/a	n/a	0.02	NP
TOC [Total Organic Carbon] (mg/l)	CLASSIDRAW	9.747	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
TOC [Total Organic Carbon] (mg/l)	CLASSIVDRAW	11.82	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
TOC [Total Organic Carbon] (mg/l)	SP-NE-3	3.546	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Vanadium (mg/l)	**MW-4**	**-0.00...**	**-4.365**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (mg/l)	CAO-1	0	-34	-125	No	29	79.31	n/a	n/a	0.02	NP

Trend Test

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Vanadium (mg/l)	CAO-2	0	-29	-125	No	29	82.76	n/a	n/a	0.02	NP
Vanadium (mg/l)	CAO-3	0	-31	-125	No	29	93.1	n/a	n/a	0.02	NP
Vanadium (mg/l)	**MW-2**	**-0.00...**	**-4.511**	**-2.33**	**Yes**	**43**	**79.07**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (mg/l)	**MW-3**	**-0.00...**	**-4.189**	**-2.33**	**Yes**	**43**	**90.7**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (mg/l)	**MW-5**	**-0.00...**	**-4.81**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (mg/l)	MW-509D	0.000...	101	106	No	26	61.54	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-577	0	-20	-95	No	24	87.5	n/a	n/a	0.02	NP
Vanadium (mg/l)	**MW-6**	**-0.00...**	**-4.654**	**-2.33**	**Yes**	**43**	**95.35**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (mg/l)	MW-633D	0	-54	-106	No	26	92.31	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-689D	0	33	95	No	24	66.67	n/a	n/a	0.02	NP
Vanadium (mg/l)	**MW-7**	**-0.00...**	**-4.479**	**-2.33**	**Yes**	**43**	**93.02**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (mg/l)	NAB-2	0	10	106	No	26	88.46	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-3	0	-8	-106	No	26	84.62	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-4	0	-3	-101	No	25	92	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-7	0	-2	-106	No	26	92.31	n/a	n/a	0.02	NP
Vanadium (mg/l)	NAB-8	0	-16	-68	No	19	84.21	n/a	n/a	0.02	NP
Vanadium (mg/l)	SP-7	0	-23	-48	No	15	86.67	n/a	n/a	0.02	NP
Vanadium (mg/l)	SPRINGA	0	-40	-89	No	23	86.96	n/a	n/a	0.02	NP
Vanadium (mg/l)	SPRINGB	-0.00...	-16	-27	No	10	80	n/a	n/a	0.02	NP
Vanadium (mg/l)	TSP-3	0	-9	-23	No	9	88.89	n/a	n/a	0.02	NP
Vanadium (mg/l)	MW-1R	-0.02303	-7	-10	No	5	80	n/a	n/a	0.02	NP
Vanadium (mg/l)	NE-2	-0.00134	-4	-10	No	5	80	n/a	n/a	0.02	NP
Vanadium (mg/l)	NE-3	-0.00...	-7	-10	No	5	80	n/a	n/a	0.02	NP
Vanadium (mg/l)	NE-6	-0.00...	-4	-10	No	5	100	n/a	n/a	0.02	NP
Vanadium (mg/l)	CLASSIDRAW	-0.00...	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Vanadium (mg/l)	CLASSIVDRAW	-0.01825	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Vanadium (mg/l)	SP-NE-3	-0.01835	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Zinc (mg/l)	**MW-4**	**0.005154**	**4.902**	**2.33**	**Yes**	**43**	**23.26**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	**CAO-1**	**-0.1501**	**-282**	**-125**	**Yes**	**29**	**6.897**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	**CAO-2**	**-0.00...**	**-166**	**-125**	**Yes**	**29**	**34.48**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	CAO-3	-0.00...	-73	-125	No	29	24.14	n/a	n/a	0.02	NP
Zinc (mg/l)	**MW-2**	**0**	**-3.235**	**-2.33**	**Yes**	**43**	**79.07**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	**MW-3**	**0.006025**	**4.969**	**2.33**	**Yes**	**43**	**27.91**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	**MW-5**	**0.000...**	**2.517**	**2.33**	**Yes**	**43**	**48.84**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	MW-509D	0.01808	55	106	No	26	0	n/a	n/a	0.02	NP
Zinc (mg/l)	**MW-577**	**-0.00...**	**-115**	**-95**	**Yes**	**24**	**45.83**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	**MW-6**	**0.001893**	**3.372**	**2.33**	**Yes**	**43**	**34.88**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	MW-633D	0.004523	47	106	No	26	0	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-689D	-0.00...	-11	-95	No	24	29.17	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-7	0	-0.5473	-2.33	No	43	60.47	n/a	n/a	0.02	NP
Zinc (mg/l)	NAB-2	0.001202	34	106	No	26	11.54	n/a	n/a	0.02	NP
Zinc (mg/l)	NAB-3	0.004906	49	106	No	26	0	n/a	n/a	0.02	NP
Zinc (mg/l)	**NAB-4**	**0.05466**	**125**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	**NAB-7**	**0.006344**	**155**	**106**	**Yes**	**26**	**19.23**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	NAB-8	-0.00...	-40	-68	No	19	47.37	n/a	n/a	0.02	NP
Zinc (mg/l)	**SP-7**	**-0.00...**	**-52**	**-48**	**Yes**	**15**	**40**	**n/a**	**n/a**	**0.02**	**NP**
Zinc (mg/l)	SPRINGA	0.002633	32	89	No	23	8.696	n/a	n/a	0.02	NP
Zinc (mg/l)	SPRINGB	0.002271	20	27	No	10	30	n/a	n/a	0.02	NP
Zinc (mg/l)	TSP-3	-0.00...	-11	-23	No	9	55.56	n/a	n/a	0.02	NP
Zinc (mg/l)	MW-1R	-0.7202	-4	-10	No	5	0	n/a	n/a	0.02	NP

Trend Test

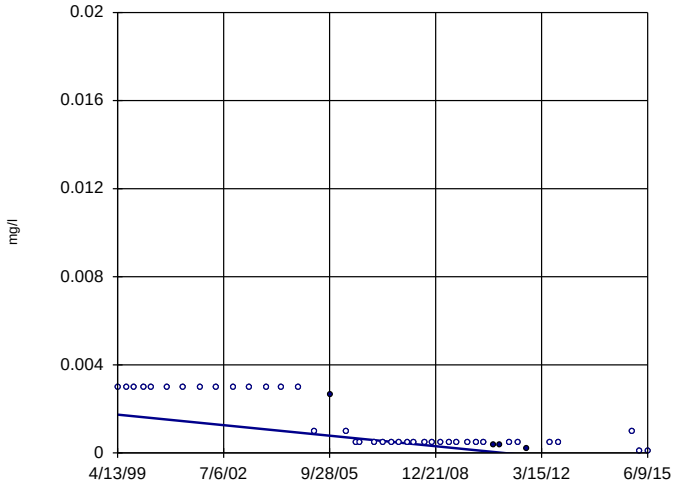
NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Zinc (mg/l)	NE-2	0.01215	9	10	No	5	40	n/a	n/a	0.02	NP
Zinc (mg/l)	NE-3	-0.01112	-2	-10	No	5	0	n/a	n/a	0.02	NP
Zinc (mg/l)	NE-6	-0.04246	-4	-10	No	5	0	n/a	n/a	0.02	NP
Zinc (mg/l)	CLASSIDRAW	-0.03671	NaN	NaN	No	2	50	n/a	n/a	NaN	NP
Zinc (mg/l)	CLASSIVDRAW	0.04355	NaN	NaN	No	2	0	n/a	n/a	NaN	NP
Zinc (mg/l)	SP-NE-3	0.1231	NaN	NaN	No	3	33.33	n/a	n/a	NaN	NP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.000148 units per year.

Mann-Kendall normal approx. = -6.2
critical = -2.33

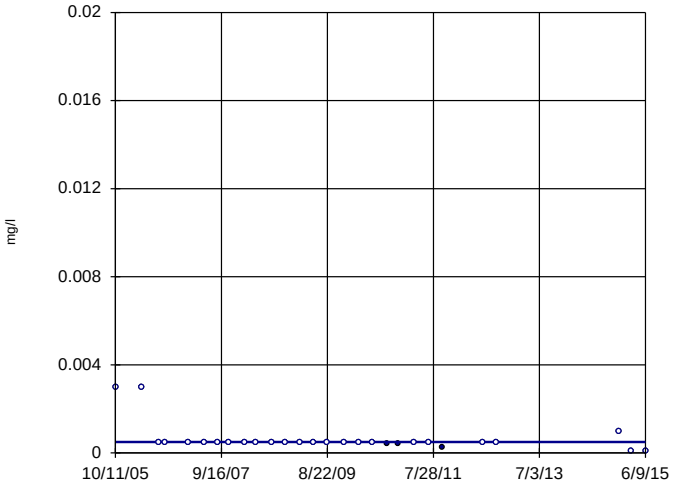
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Antimony Analysis Run 8/17/2015 3:28 PM
NABORS Client: SCS Engineers Data: NABORS flat

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Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-3



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -120
critical = -119

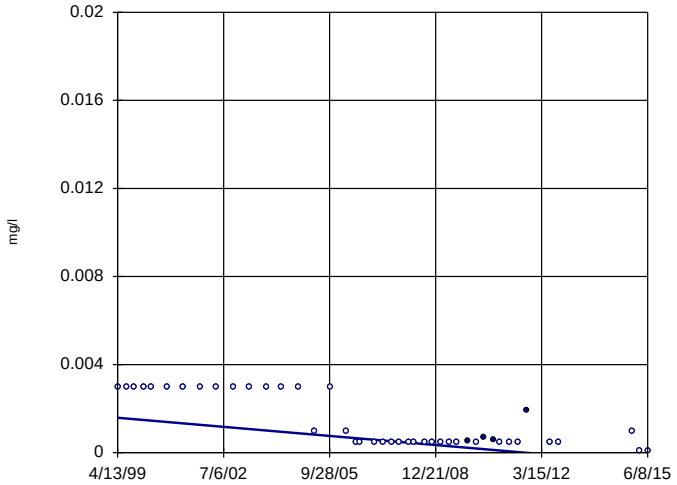
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Antimony Analysis Run 8/17/2015 3:28 PM
NABORS Client: SCS Engineers Data: NABORS flat

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Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = -0.0001275 units per year.

Mann-Kendall normal approx. = -5.018
critical = -2.33

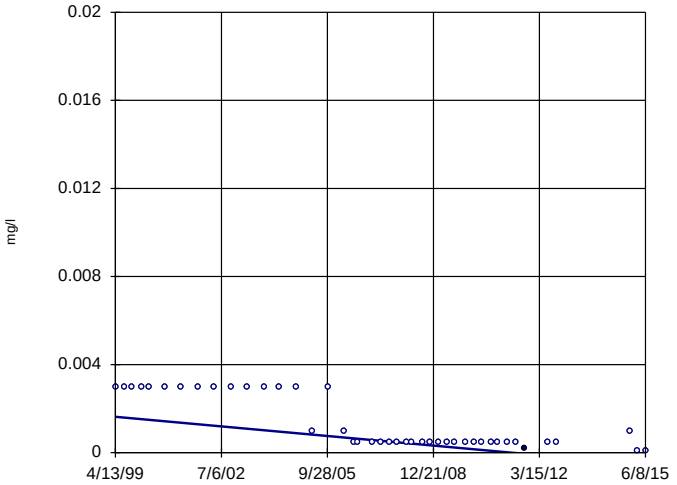
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Antimony Analysis Run 8/17/2015 3:28 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = -0.000135 units per year.

Mann-Kendall normal approx. = -5.905
critical = -2.33

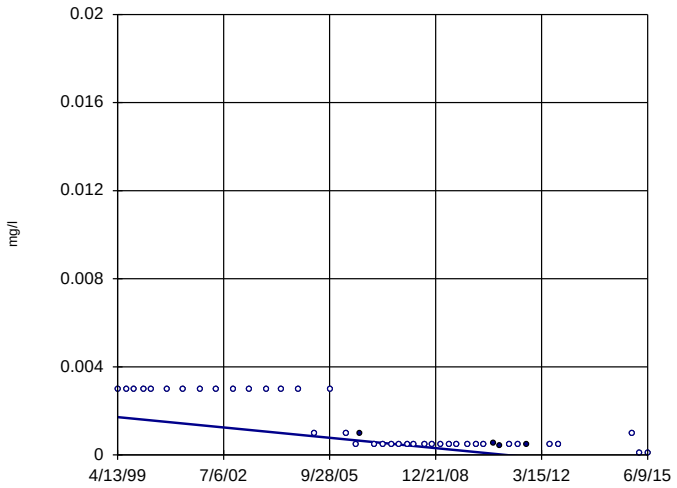
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Antimony Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.0001452 units per year.

Mann-Kendall normal approx. = -5.931
critical = -2.33

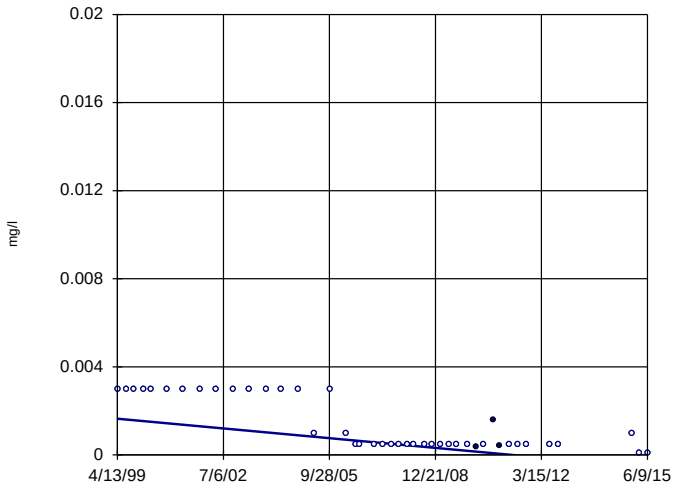
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Antimony Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.0001365 units per year.

Mann-Kendall normal approx. = -5.639
critical = -2.33

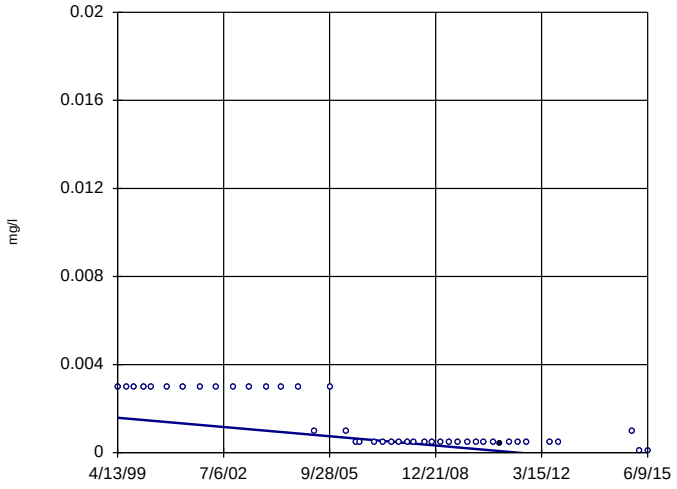
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Antimony Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.0001299 units per year.

Mann-Kendall normal approx. = -5.836
critical = -2.33

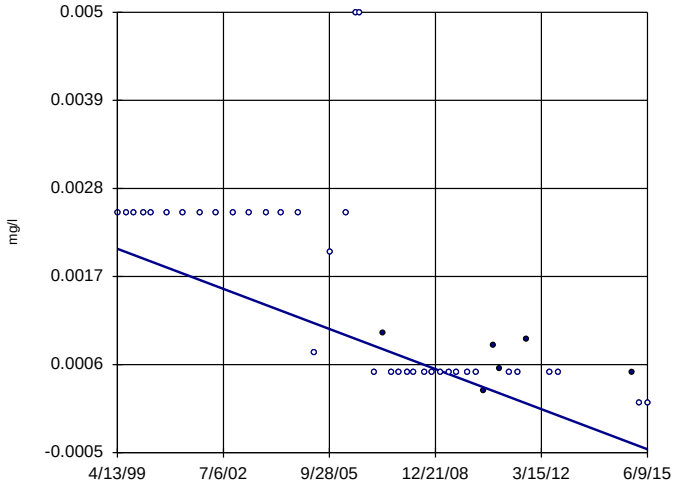
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Antimony Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.0001549 units per year.

Mann-Kendall normal approx. = -5.335
critical = -2.33

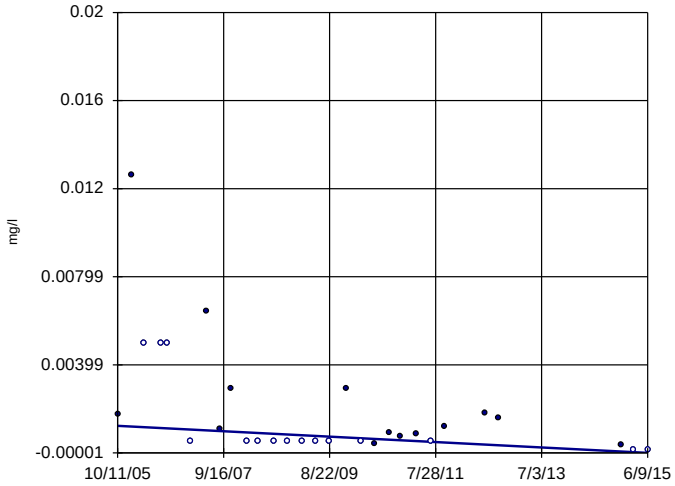
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-3



n = 29

Slope = -0.0001271 units per year.

Mann-Kendall statistic = -150
critical = -125

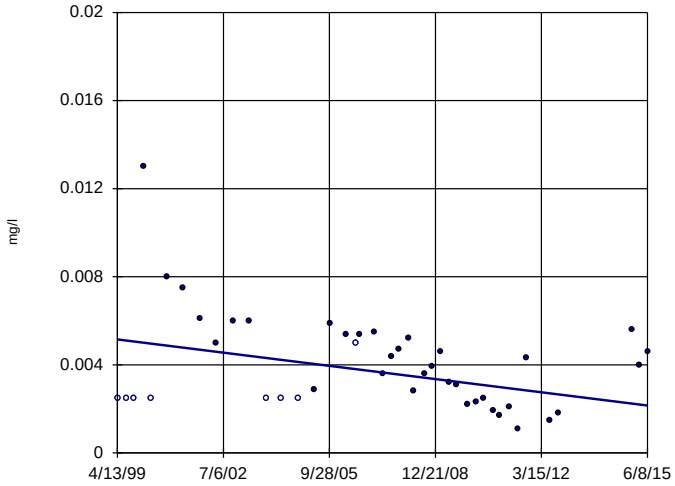
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = -0.0001853 units per year.

Mann-Kendall normal approx. = -2.942
critical = -2.33

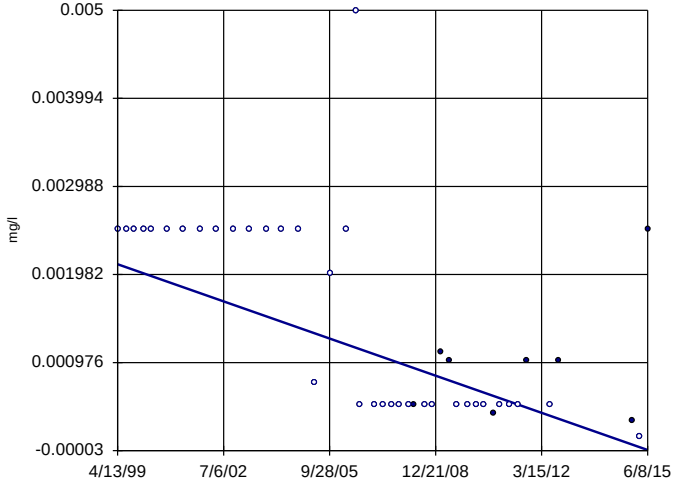
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = -0.0001313 units per year.

Mann-Kendall normal approx. = -4.711
critical = -2.33

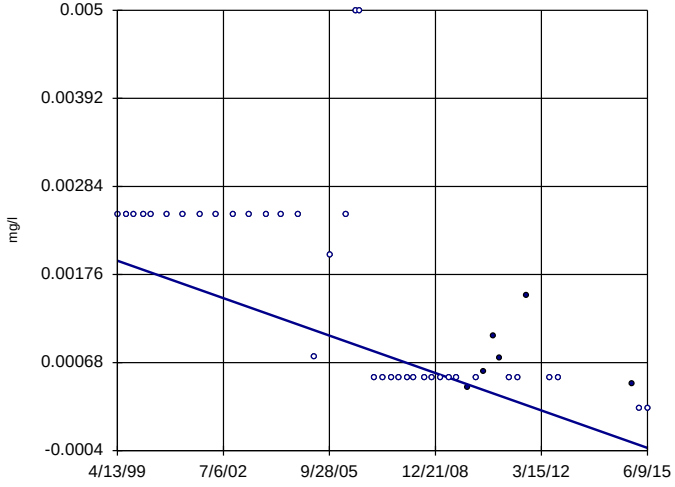
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.000142 units per year.

Mann-Kendall normal approx. = -5.149
critical = -2.33

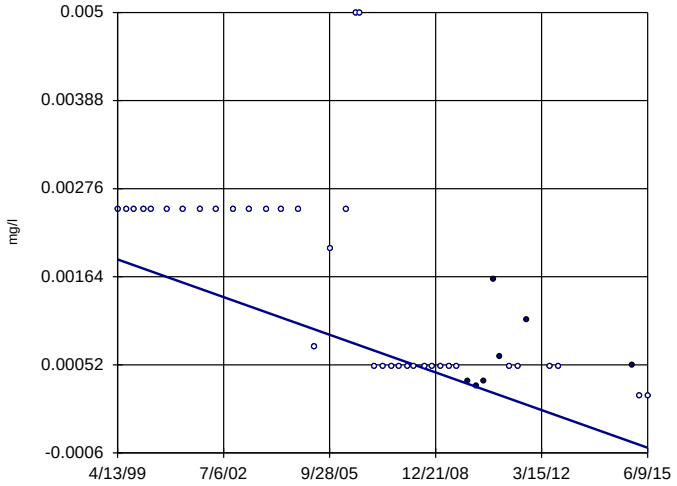
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.0001482 units per year.

Mann-Kendall normal approx. = -5.035
critical = -2.33

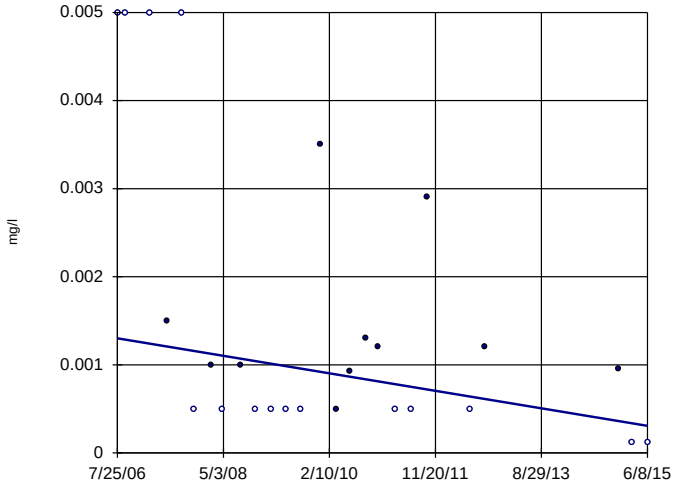
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-633D



n = 26

Slope = -0.0001118 units per year.

Mann-Kendall statistic = -113
critical = -106

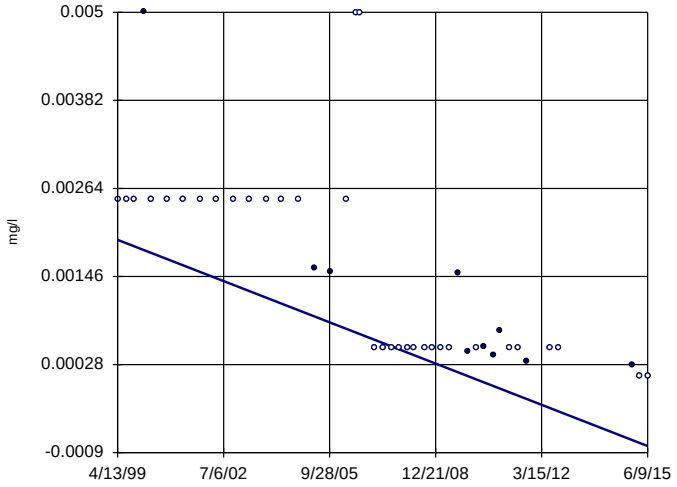
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.0001708 units per year.

Mann-Kendall normal approx. = -5.832
critical = -2.33

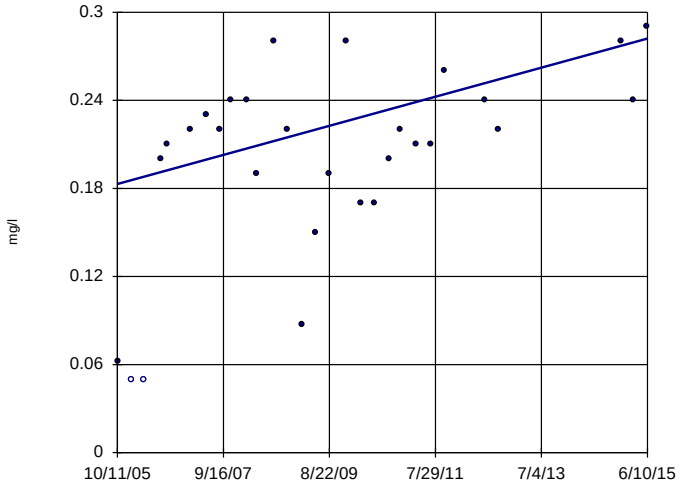
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Arsenic Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 29

Slope = 0.01024 units per year.

Mann-Kendall statistic = 150
critical = 125

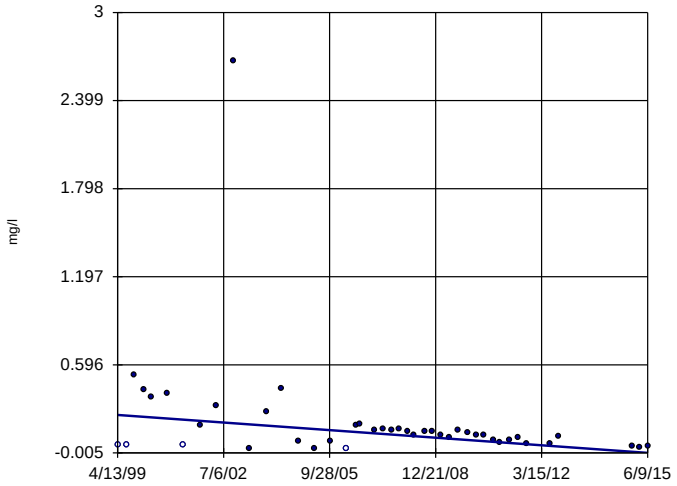
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.01602 units per year.

Mann-Kendall normal approx. = -3.668 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

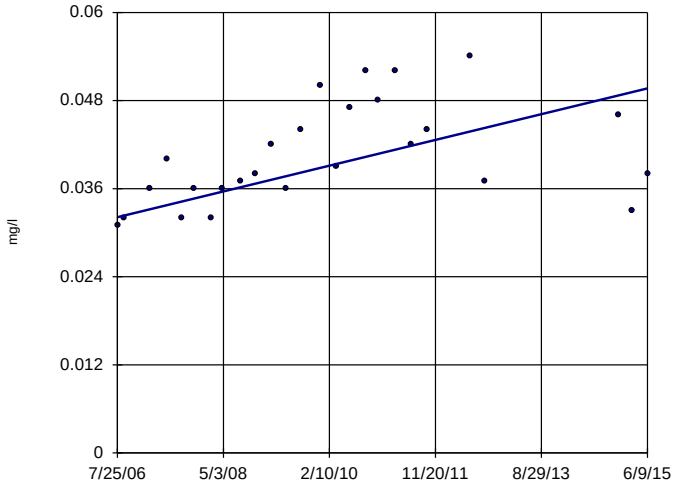
Constituent: Barium Analysis Run 8/17/2015 3:29 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-3



n = 26

Slope = 0.001978 units per year.

Mann-Kendall statistic = 145 critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

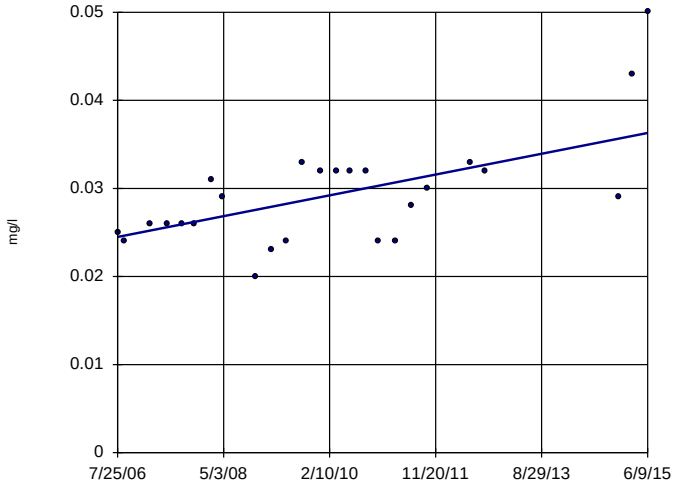
Constituent: Barium Analysis Run 8/17/2015 3:29 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-4



n = 25

Slope = 0.001331 units per year.

Mann-Kendall statistic = 122 critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

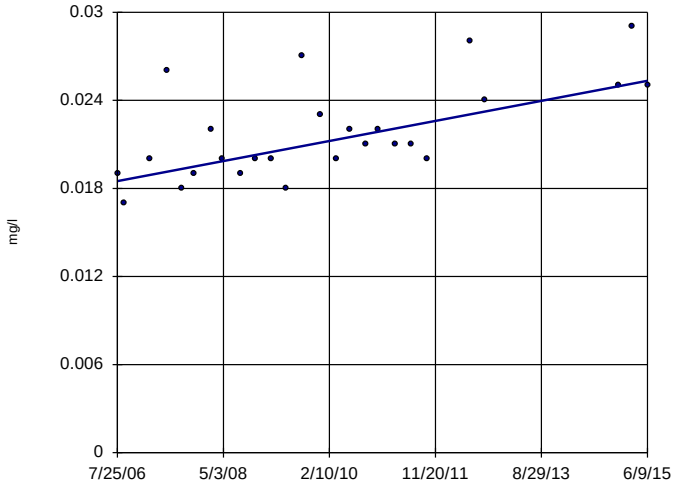
Constituent: Barium Analysis Run 8/17/2015 3:29 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-7



n = 26

Slope = 0.0007695 units per year.

Mann-Kendall statistic = 151 critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

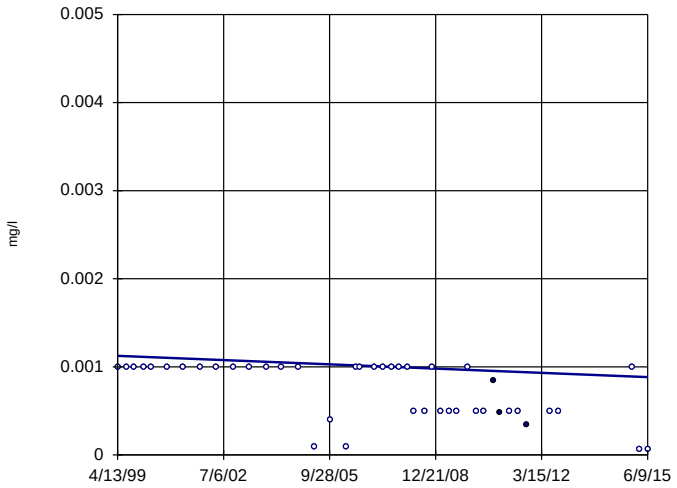
Constituent: Barium Analysis Run 8/17/2015 3:29 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.000015 units per year.

Mann-Kendall normal approx. = -4.168
critical = -2.33

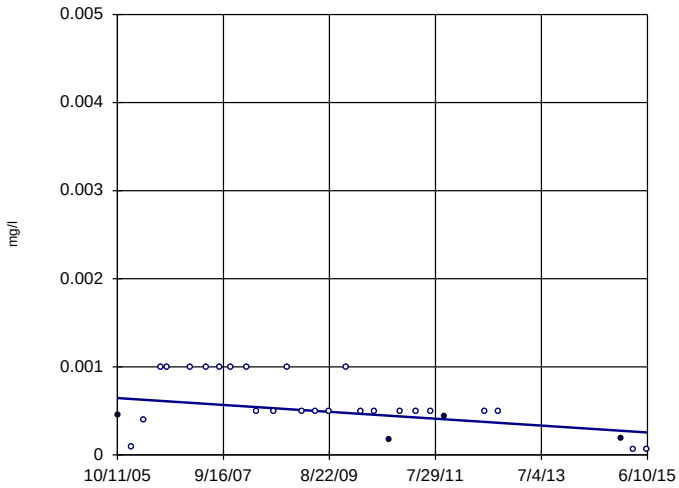
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.00004056 units per year.

Mann-Kendall statistic = -135
critical = -125

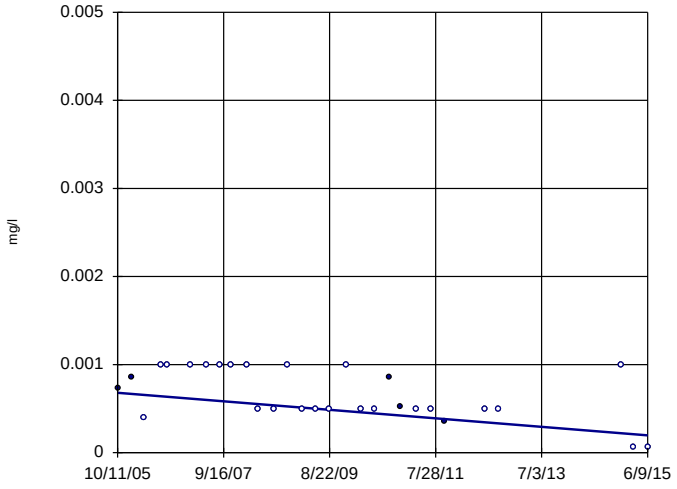
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-3



n = 29

Slope = -0.00004999 units per year.

Mann-Kendall statistic = -141
critical = -125

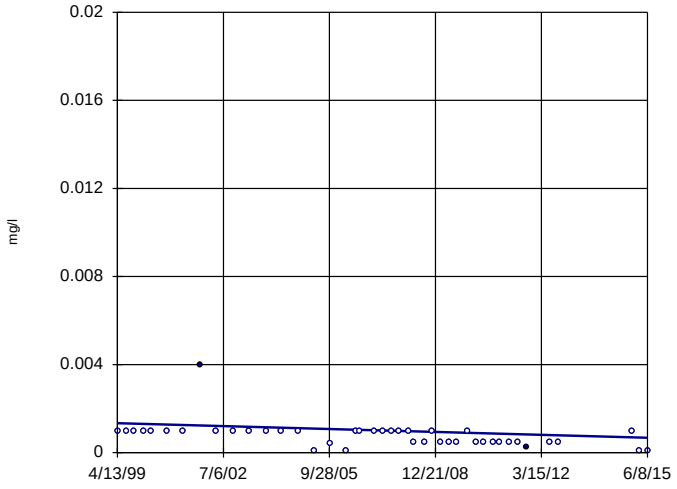
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = -0.00004092 units per year.

Mann-Kendall normal approx. = -4.236
critical = -2.33

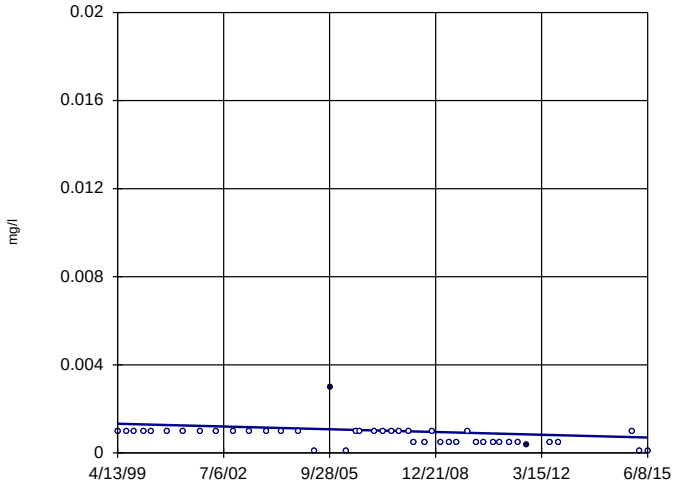
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = -0.00003874 units per year.

Mann-Kendall normal approx. = -4.397
critical = -2.33

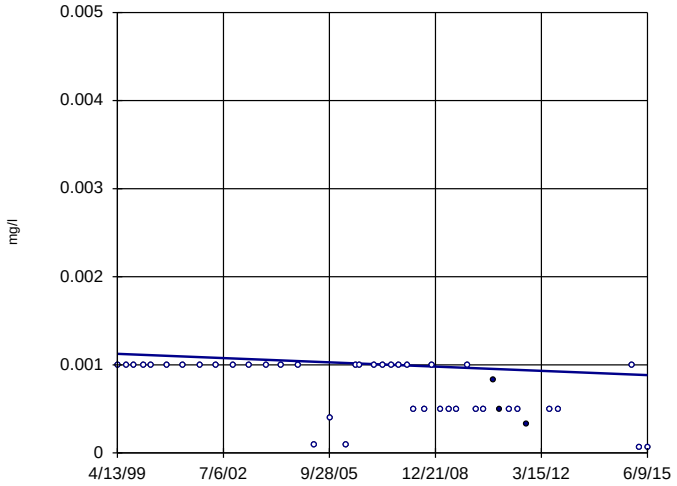
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.00001484 units per year.

Mann-Kendall normal approx. = -4.146
critical = -2.33

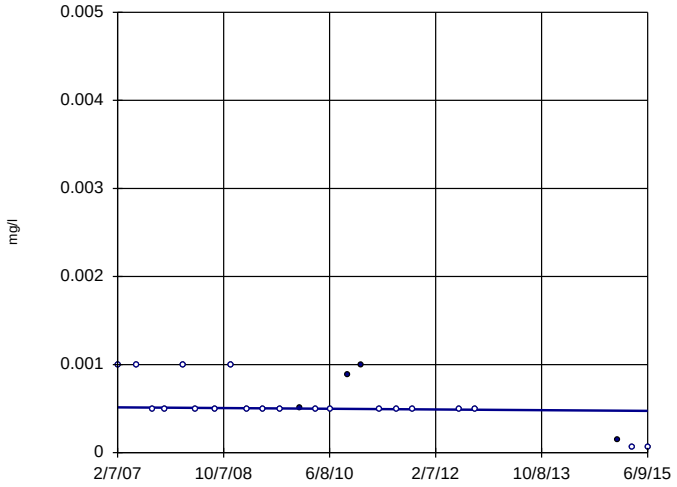
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:29 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-577



n = 24

Slope = -0.000004798 units per year.

Mann-Kendall statistic = -106
critical = -95

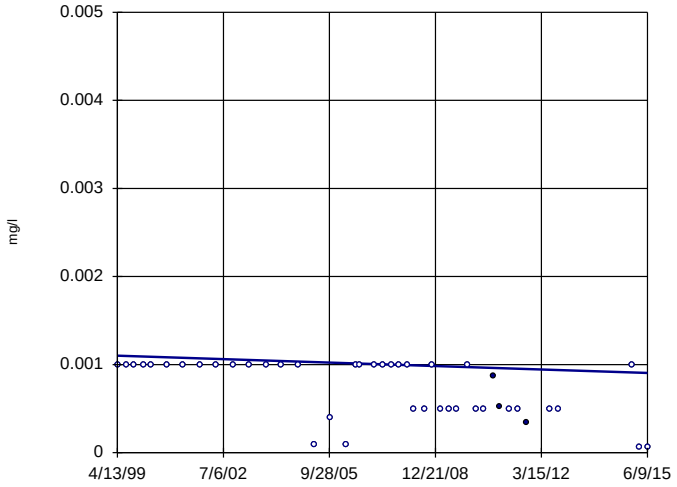
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.00001219 units per year.

Mann-Kendall normal approx. = -4.097
critical = -2.33

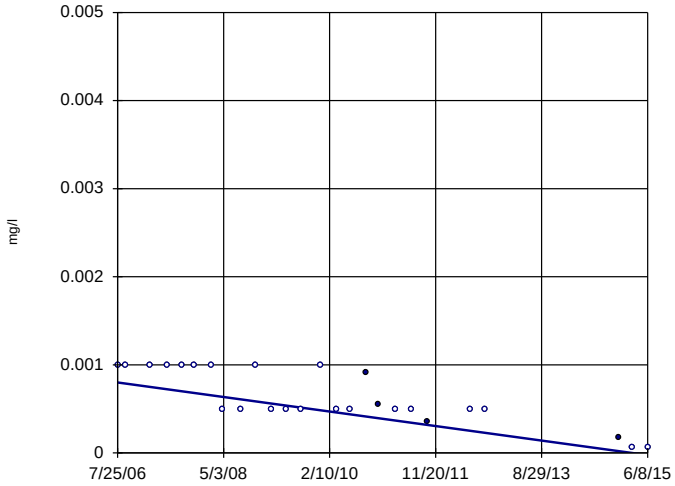
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-633D



n = 26

Slope = -0.00009306 units per year.

Mann-Kendall statistic = -187
critical = -106

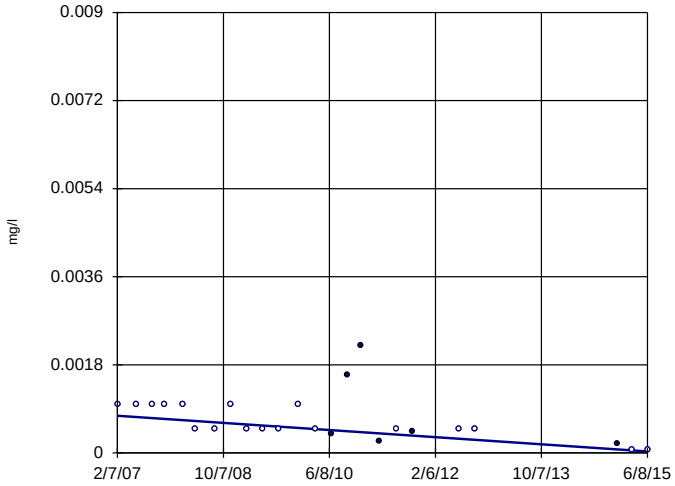
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-689D



n = 24

Slope = -0.00008746 units per year.

Mann-Kendall statistic = -126
critical = -95

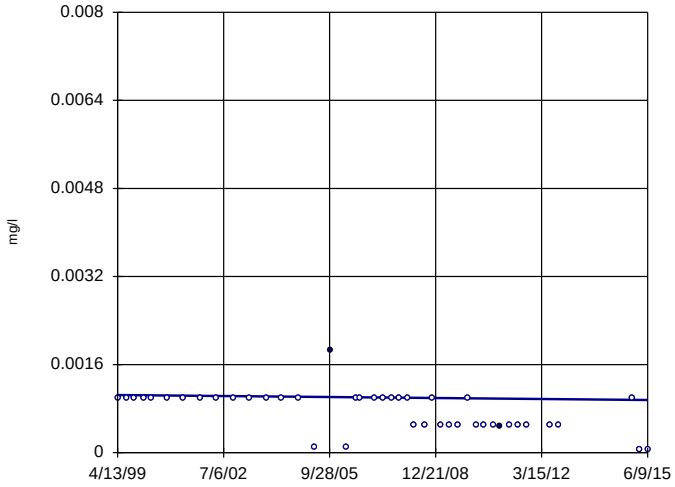
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.000005564 units per year.

Mann-Kendall normal approx. = -4.327
critical = -2.33

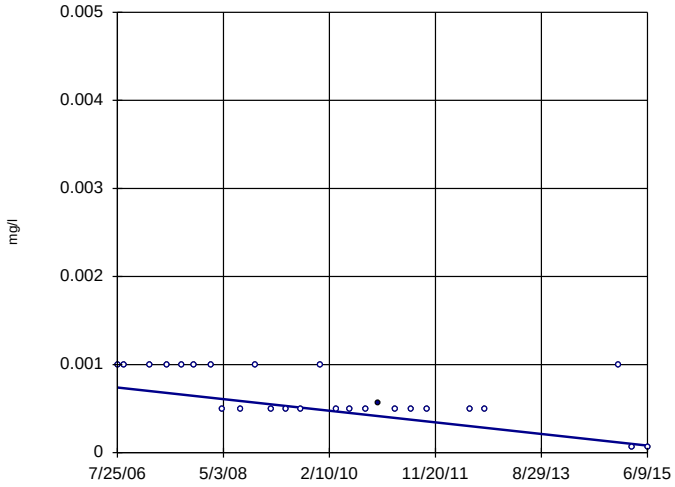
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-2



n = 26

Slope = -0.00007424 units per year.

Mann-Kendall statistic = -143
critical = -106

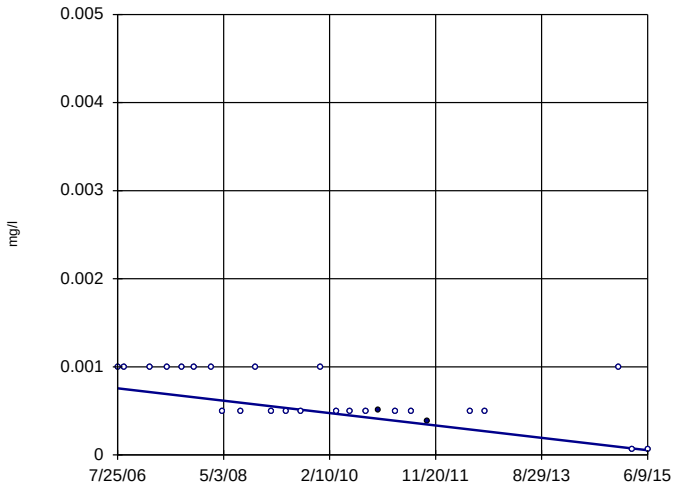
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-3



n = 26

Slope = -0.00007915 units per year.

Mann-Kendall statistic = -151
critical = -106

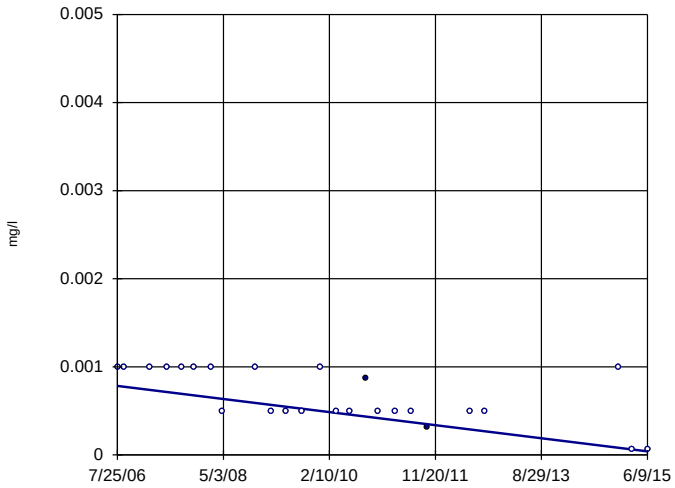
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-4



n = 25

Slope = -0.00008355 units per year.

Mann-Kendall statistic = -147
critical = -101

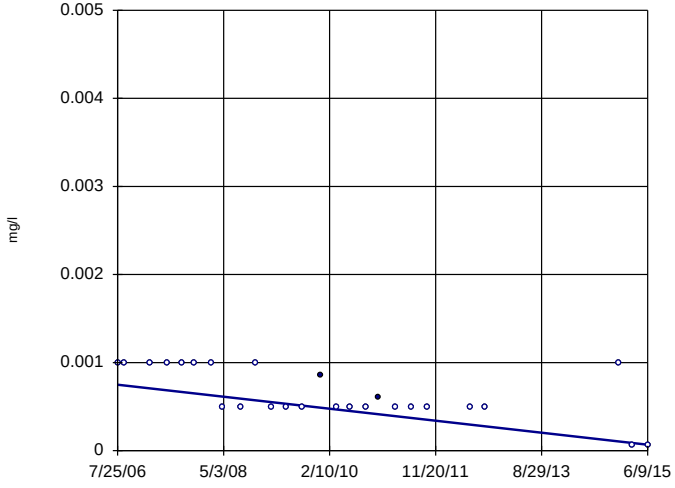
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-7



n = 26

Slope = -0.00007684 units per year.

Mann-Kendall statistic = -150
critical = -106

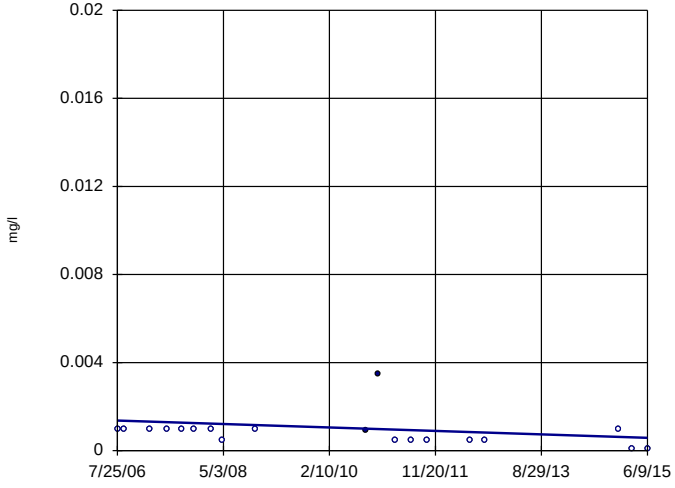
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-8



n = 19

Slope = -0.00008894 units per year.

Mann-Kendall statistic = -81
critical = -68

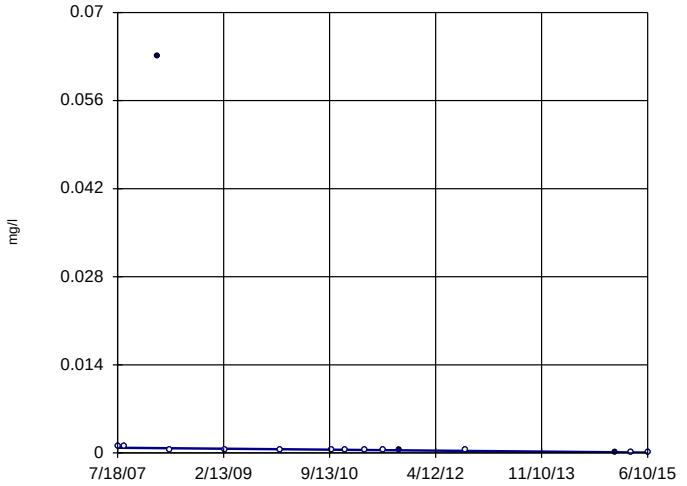
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SP-7



n = 15

Slope = -0.00009656 units per year.

Mann-Kendall statistic = -69
critical = -48

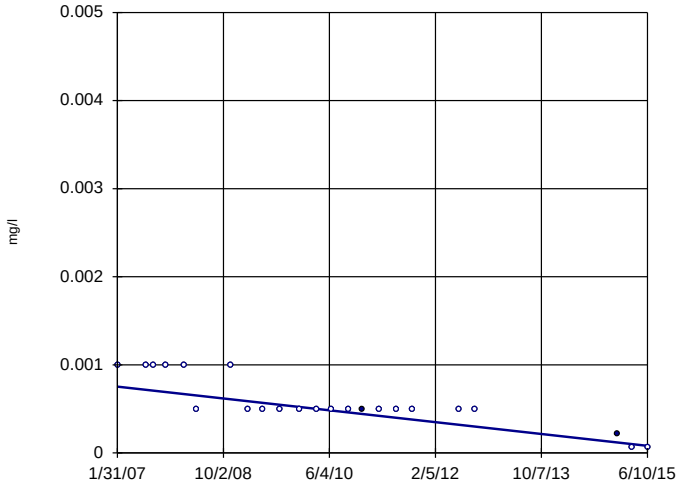
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SPRINGA



n = 23

Slope = -0.0000803 units per year.

Mann-Kendall statistic = -144
critical = -89

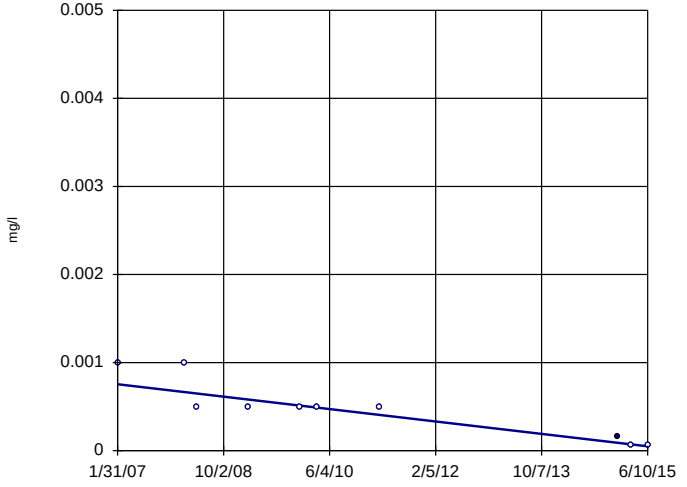
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SPRINGB



n = 10

Slope = -0.0000843 units per year.

Mann-Kendall statistic = -33
critical = -27

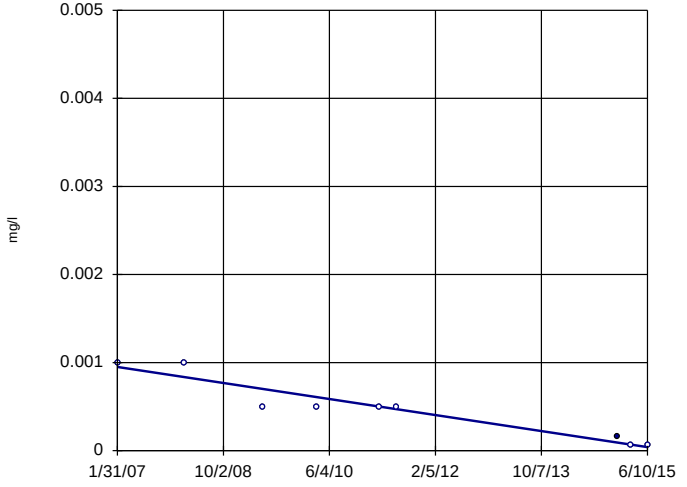
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

TSP-3



n = 9

Slope = -0.0001087 units per year.

Mann-Kendall statistic = -28
critical = -23

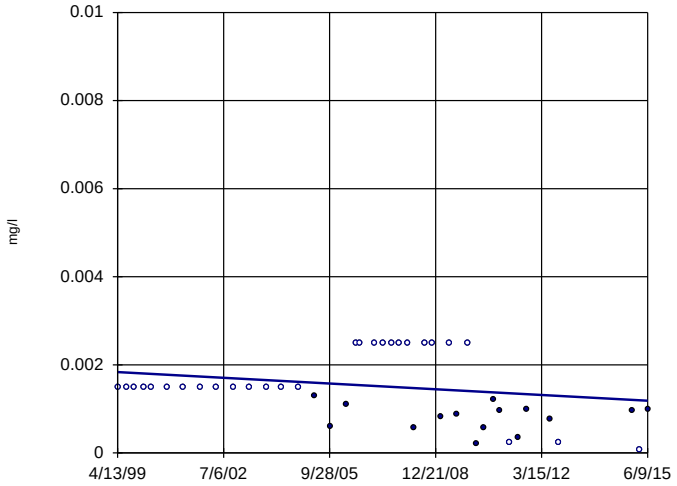
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Beryllium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.0000403 units per year.

Mann-Kendall normal approx. = -2.551
critical = -2.33

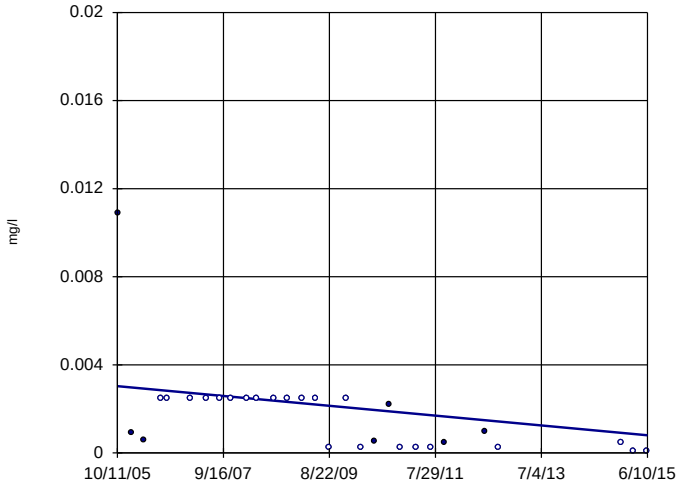
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.0002306 units per year.

Mann-Kendall statistic = -202
critical = -125

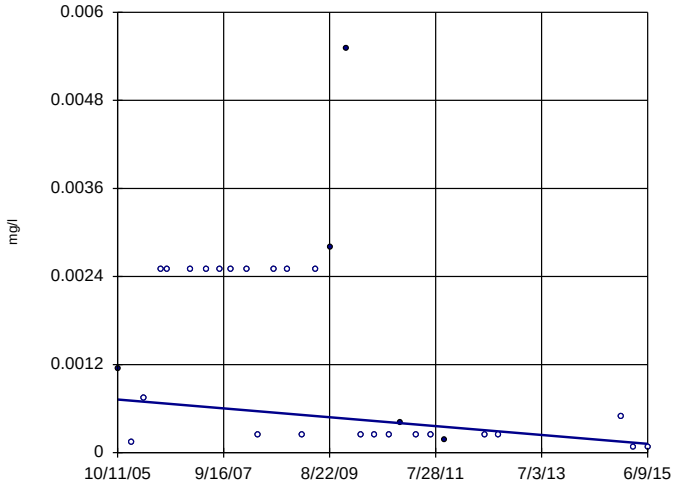
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-2



n = 29

Slope = -0.00006246 units per year.

Mann-Kendall statistic = -132
critical = -125

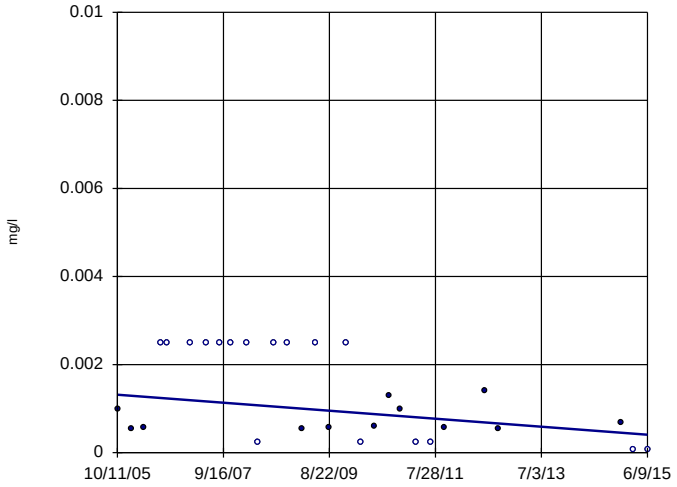
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-3



n = 29

Slope = -0.00009412 units per year.

Mann-Kendall statistic = -140
critical = -125

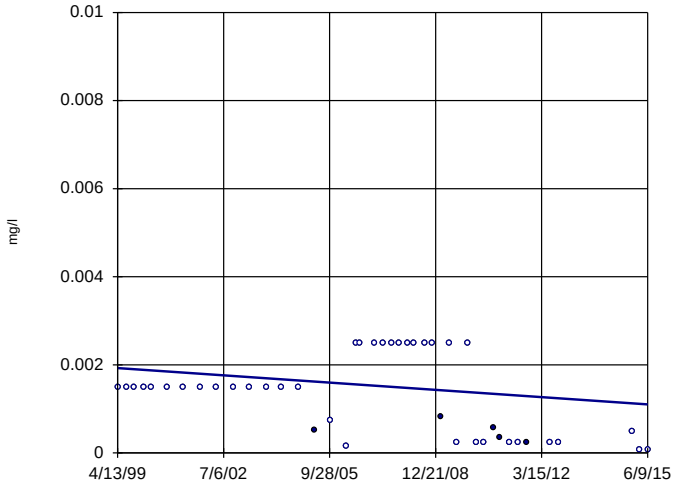
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.00005099 units per year.

Mann-Kendall normal approx. = -2.63
critical = -2.33

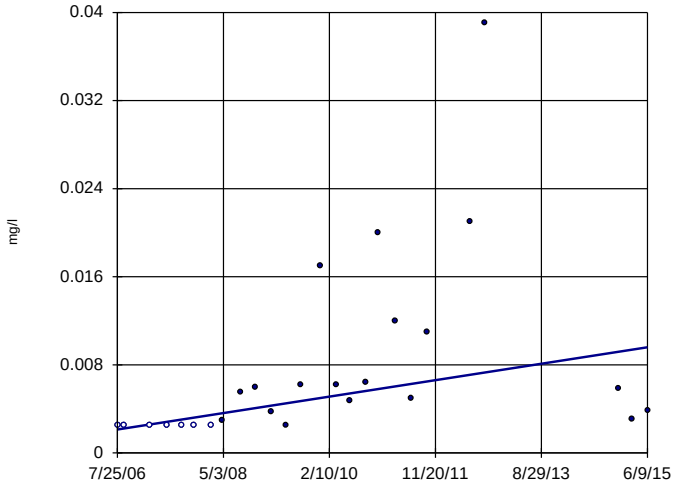
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-509D



n = 26

Slope = 0.0008417 units per year.

Mann-Kendall statistic = 166
critical = 106

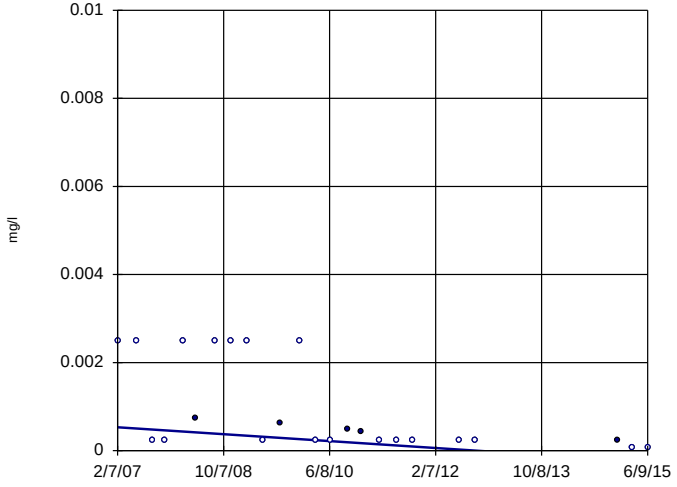
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-577



n = 24

Slope = -0.00009369 units per year.

Mann-Kendall statistic = -147
critical = -95

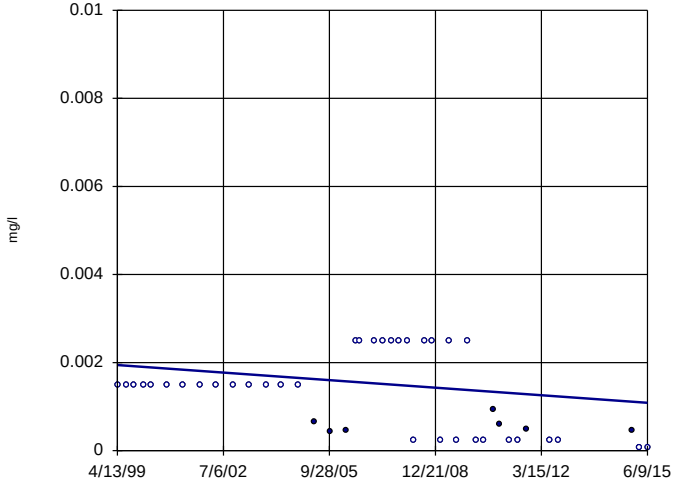
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.00005295 units per year.

Mann-Kendall normal approx. = -2.803
critical = -2.33

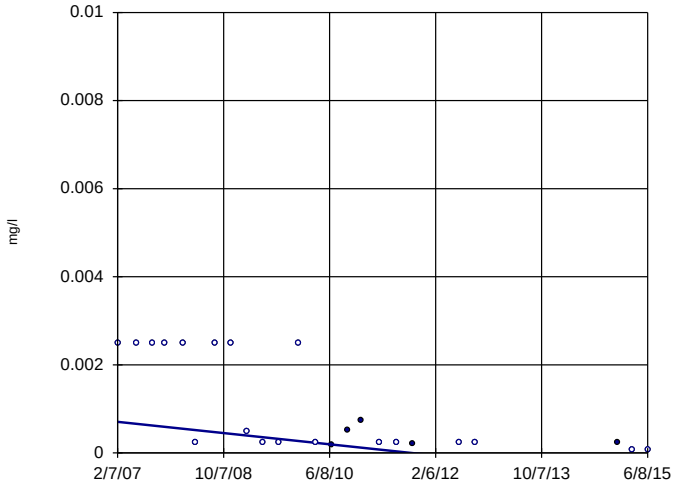
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-689D



n = 24

Slope = -0.0001531 units per year.

Mann-Kendall statistic = -153
critical = -95

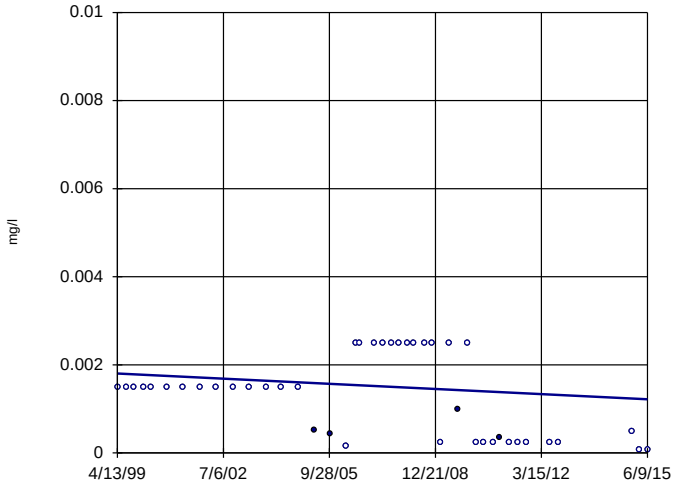
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.00003608 units per year.

Mann-Kendall normal approx. = -2.539
critical = -2.33

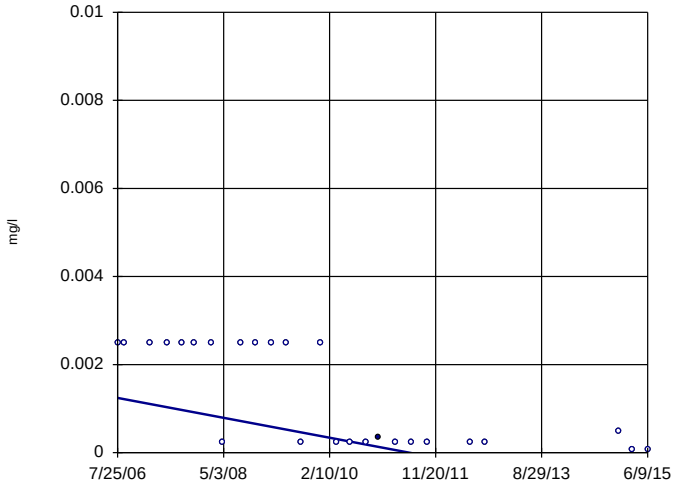
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-2



n = 26

Slope = -0.0002544 units per year.

Mann-Kendall statistic = -169
critical = -106

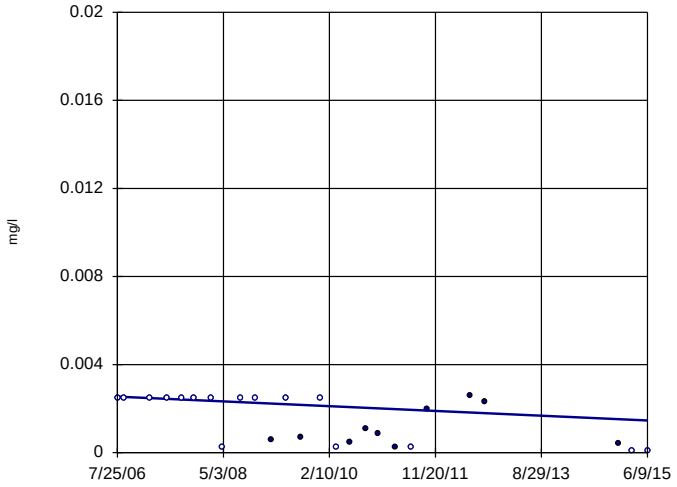
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-3



n = 26

Slope = -0.0001221 units per year.

Mann-Kendall statistic = -132
critical = -106

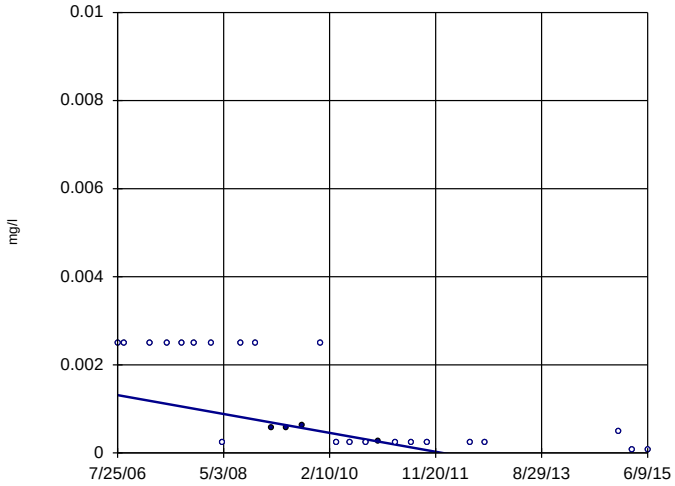
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-7



n = 26

Slope = -0.0002415 units per year.

Mann-Kendall statistic = -191
critical = -106

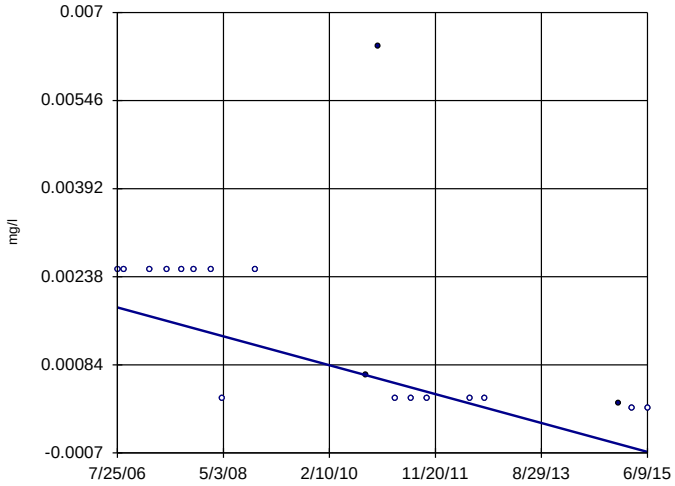
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-8



n = 19

Slope = -0.0002845 units per year.

Mann-Kendall statistic = -103
critical = -68

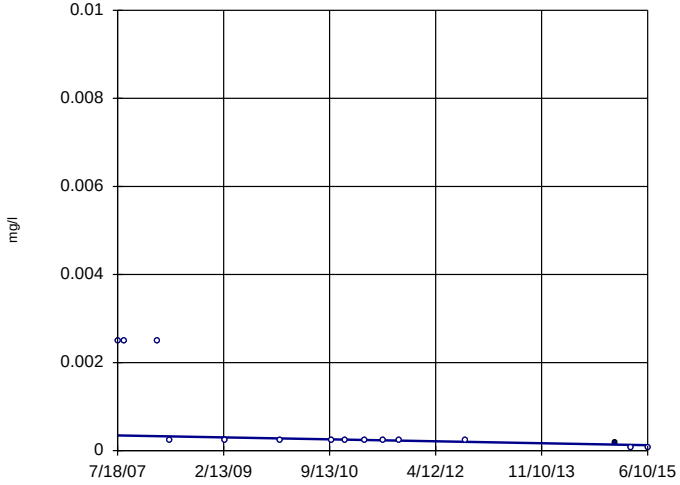
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SP-7



n = 15

Slope = -0.0000281 units per year.

Mann-Kendall statistic = -65
critical = -48

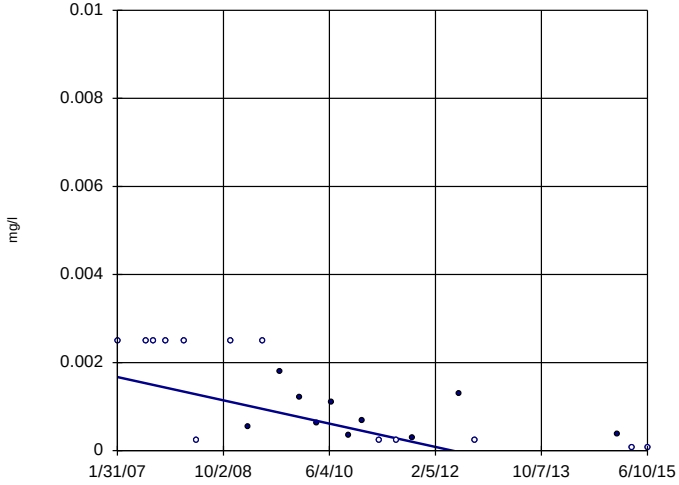
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SPRINGA



n = 23

Slope = -0.0003163 units per year.

Mann-Kendall statistic = -151
critical = -89

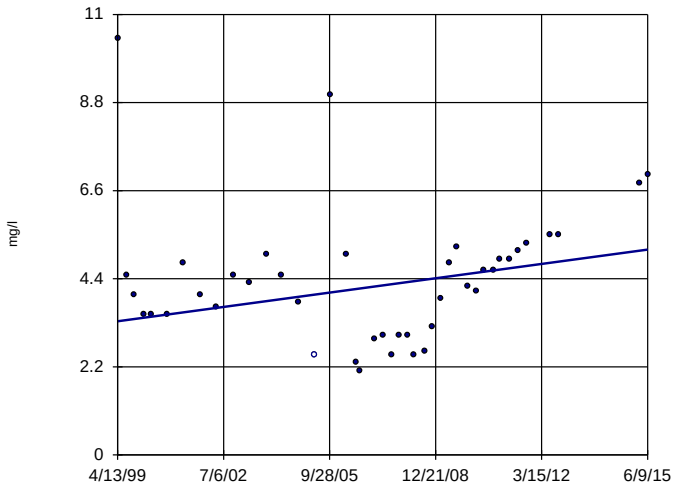
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 42

Slope = 0.1107 units per year.

Mann-Kendall normal approx. = 2.474
critical = 2.33

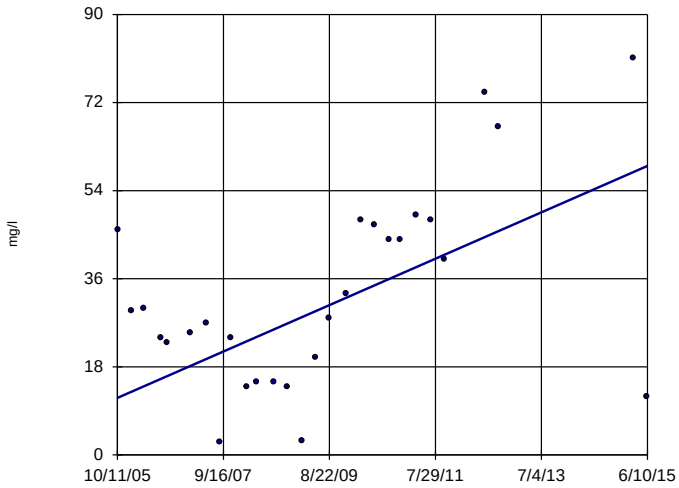
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chloride Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

CAO-1



n = 28

Slope = 4.902 units per year.

Mann-Kendall statistic = 121
critical = 119

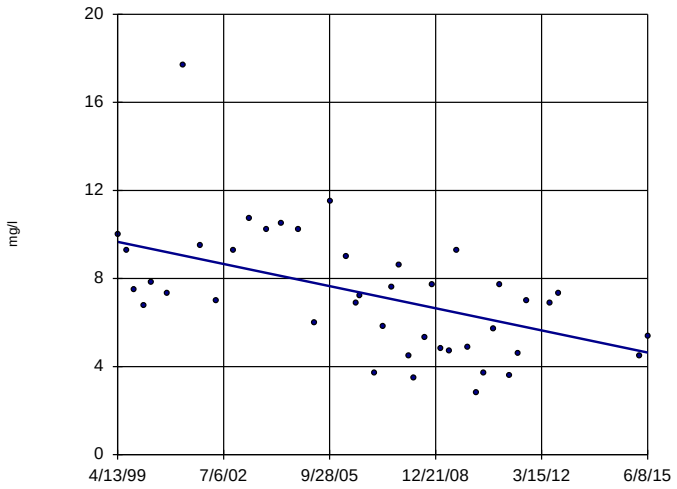
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chloride Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-3



n = 42

Slope = -0.3111 units per year.

Mann-Kendall normal approx. = -3.621
critical = -2.33

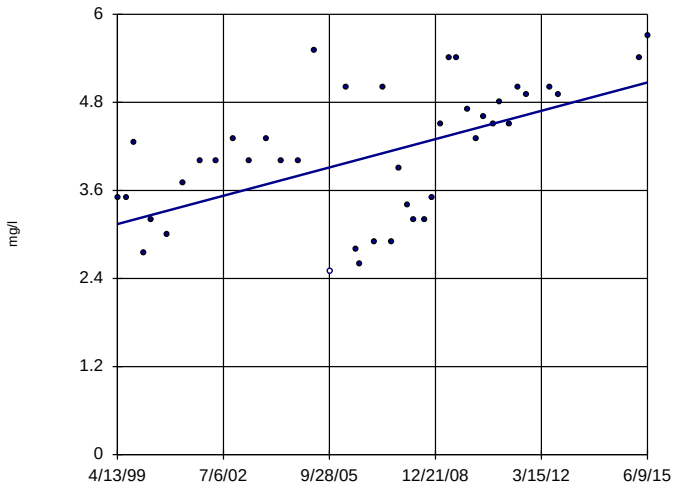
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chloride Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 42

Slope = 0.1193 units per year.

Mann-Kendall normal approx. = 3.88
critical = 2.33

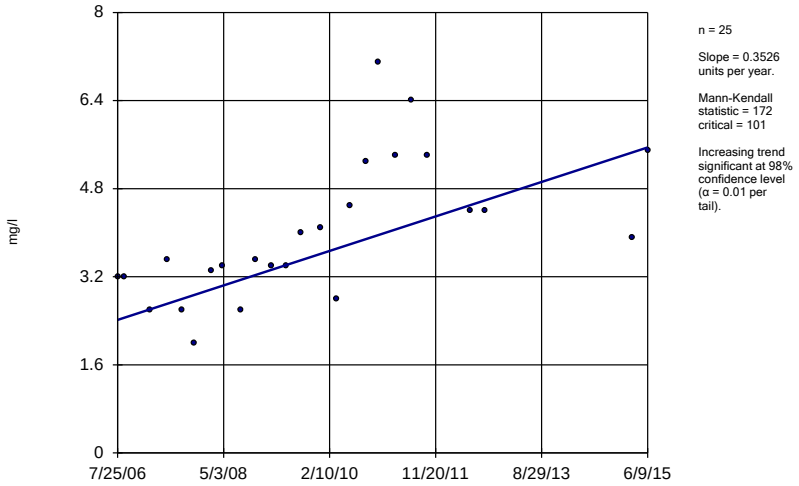
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chloride Analysis Run 8/17/2015 3:30 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-509D



n = 25

Slope = 0.3526 units per year.

Mann-Kendall statistic = 172 critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

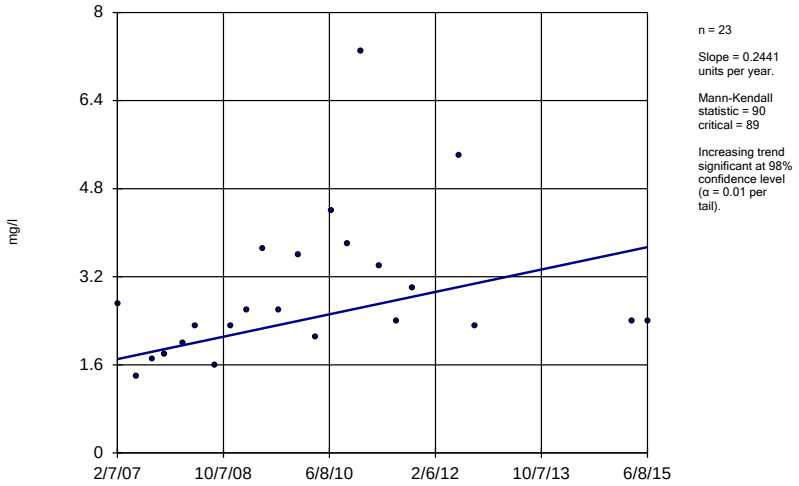
Constituent: Chloride Analysis Run 8/17/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-689D



n = 23

Slope = 0.2441 units per year.

Mann-Kendall statistic = 90 critical = 89

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chloride Analysis Run 8/17/2015 3:30 PM

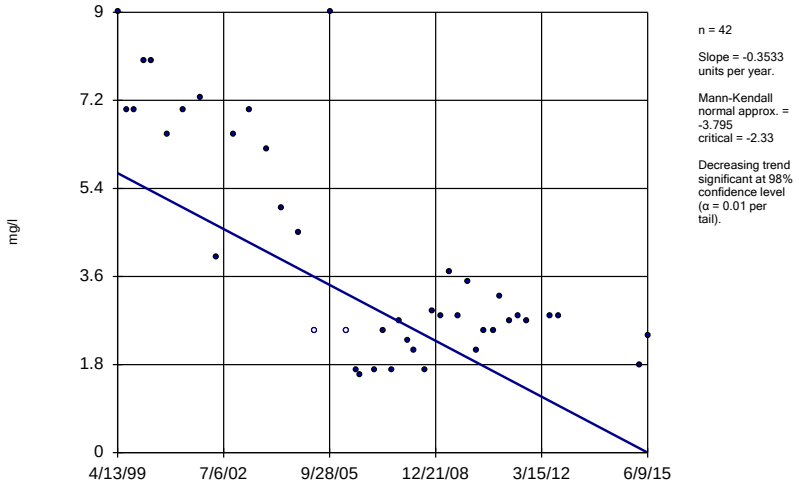
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 42

Slope = -0.3533 units per year.

Mann-Kendall normal approx. = -3.795 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

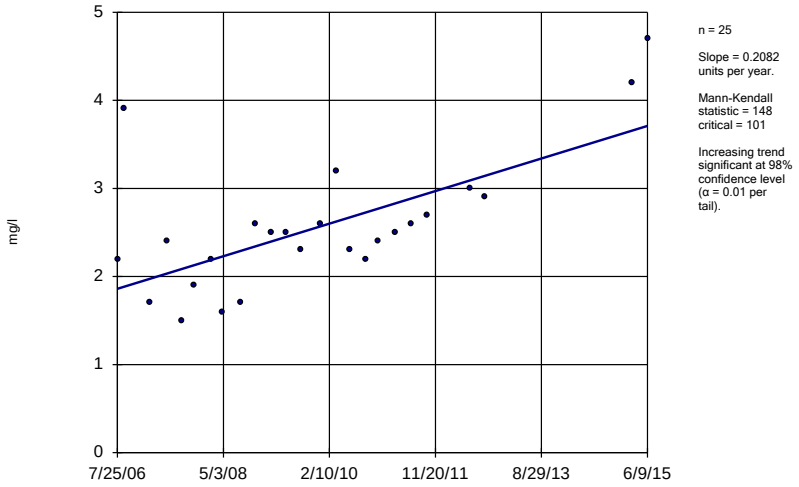
Constituent: Chloride Analysis Run 8/17/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-2



n = 25

Slope = 0.2082 units per year.

Mann-Kendall statistic = 148 critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

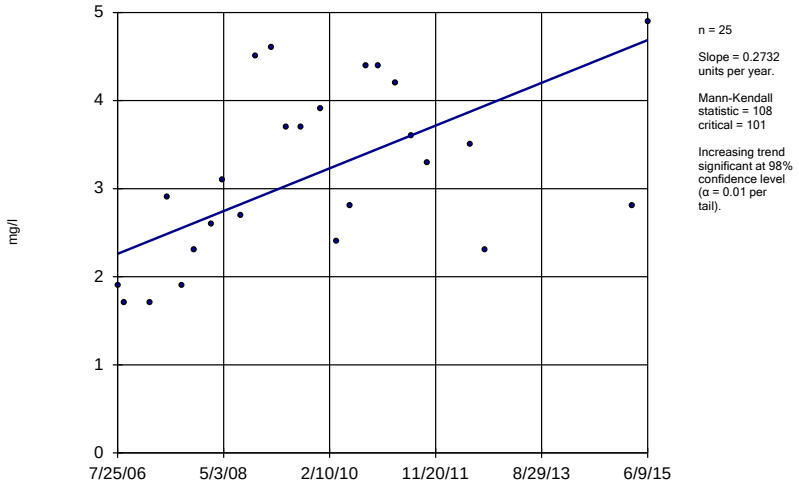
Constituent: Chloride Analysis Run 8/17/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-3



n = 25

Slope = 0.2732 units per year.

Mann-Kendall statistic = 108 critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

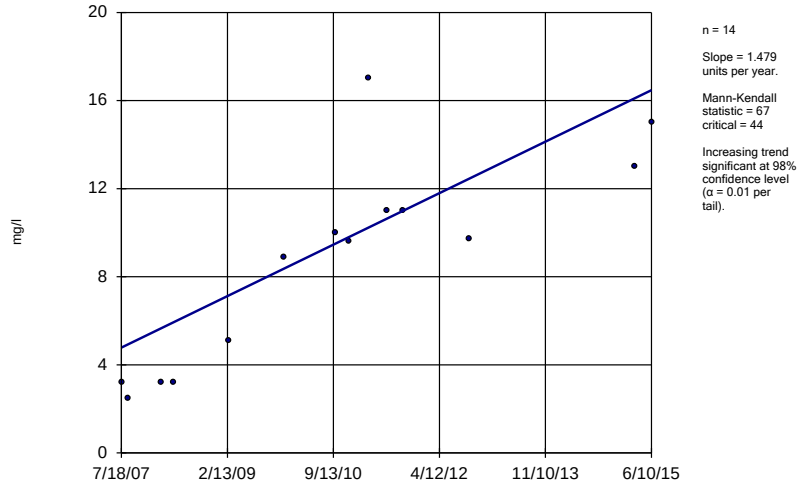
Constituent: Chloride Analysis Run 8/17/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

SP-7



n = 14

Slope = 1.479 units per year.

Mann-Kendall statistic = 67 critical = 44

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

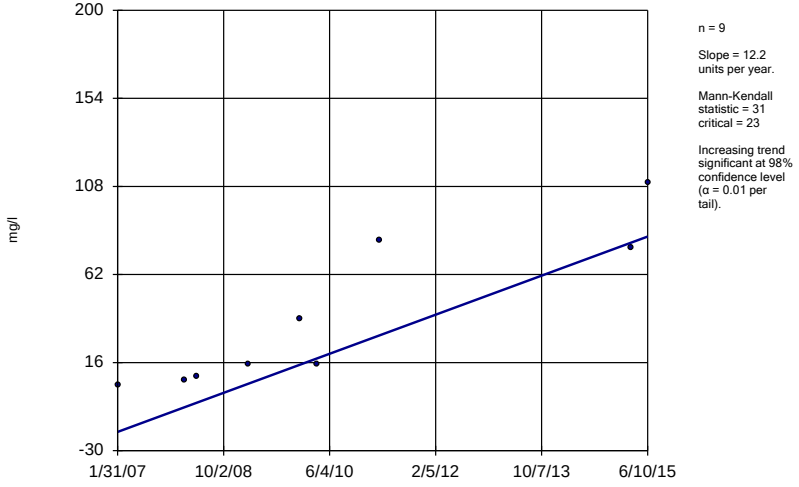
Constituent: Chloride Analysis Run 8/17/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

SPRINGB



n = 9

Slope = 12.2 units per year.

Mann-Kendall statistic = 31 critical = 23

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chloride Analysis Run 8/17/2015 3:30 PM

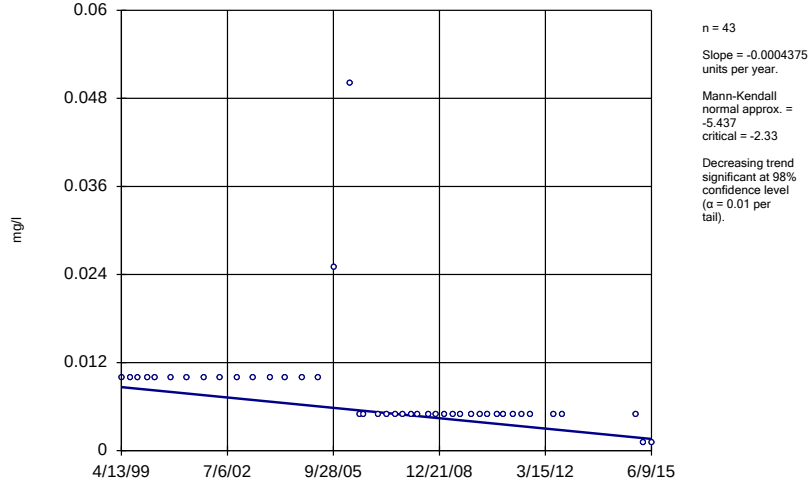
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.0004375 units per year.

Mann-Kendall normal approx. = -5.437 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

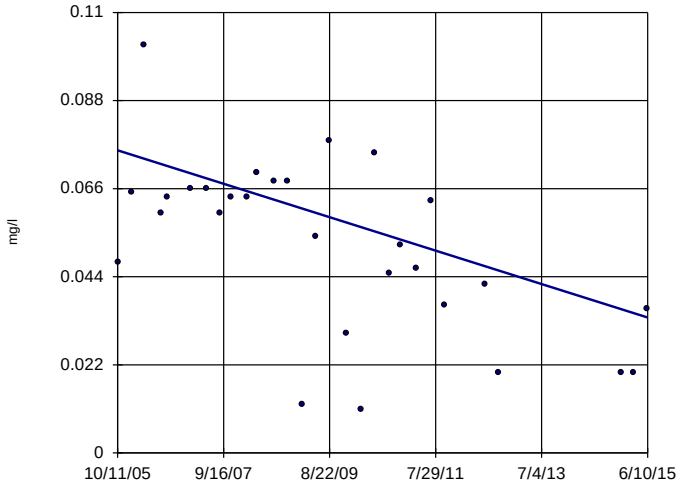
Constituent: Cobalt Analysis Run 8/17/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.00432 units per year.

Mann-Kendall statistic = -153 critical = -125

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 8/17/2015 3:30 PM

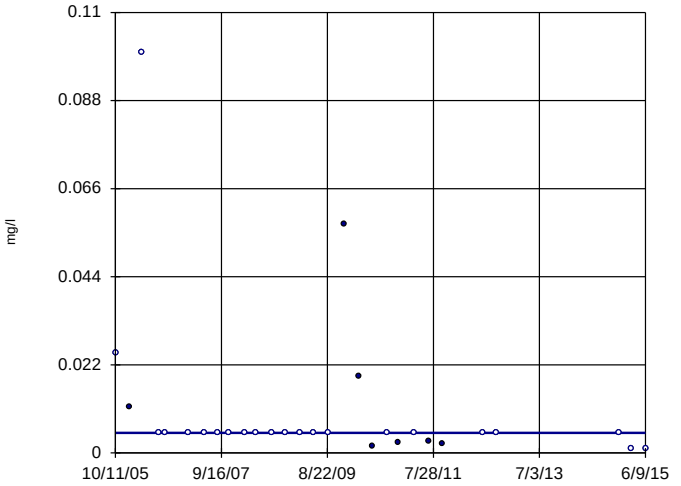
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-2



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -152 critical = -125

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 8/17/2015 3:30 PM

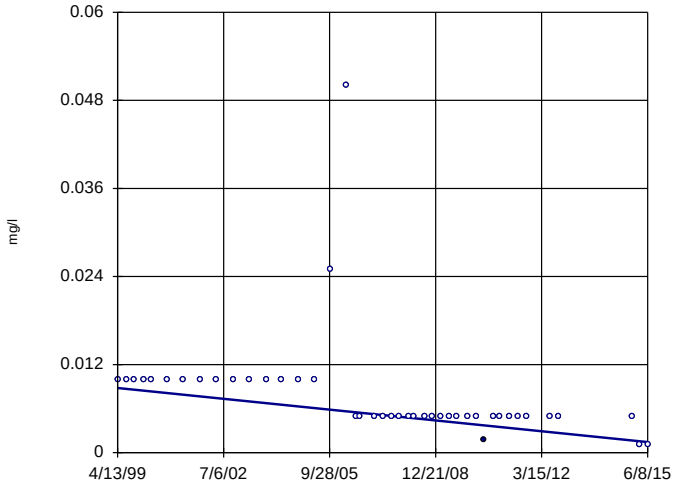
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = -0.0004567 units per year.

Mann-Kendall normal approx. = -5.447 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 8/17/2015 3:30 PM

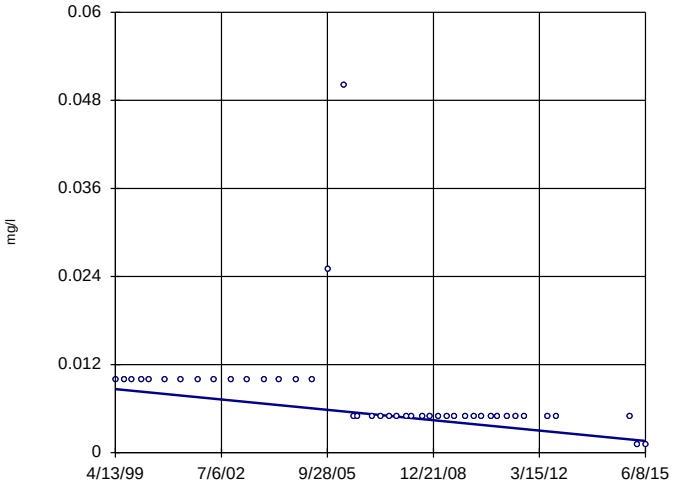
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = -0.0004375 units per year.

Mann-Kendall normal approx. = -5.437 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

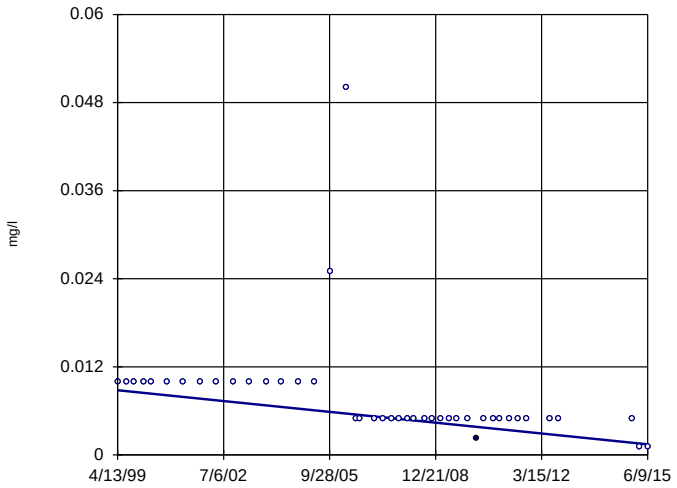
Constituent: Cobalt Analysis Run 8/17/2015 3:30 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.0004565 units per year.

Mann-Kendall normal approx. = -5.424
critical = -2.33

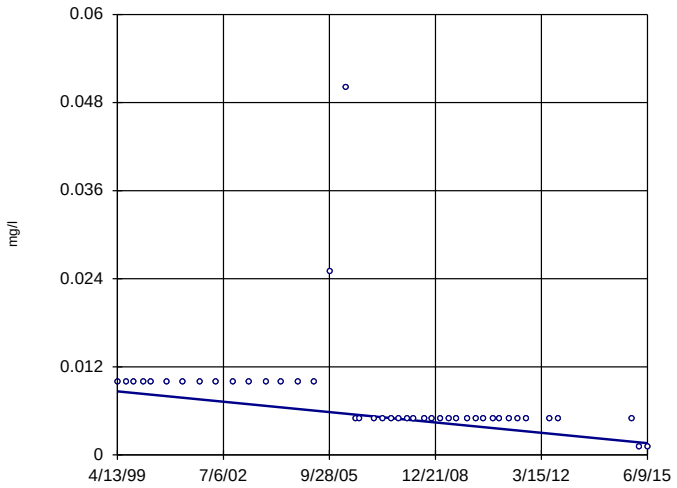
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.0004375 units per year.

Mann-Kendall normal approx. = -5.437
critical = -2.33

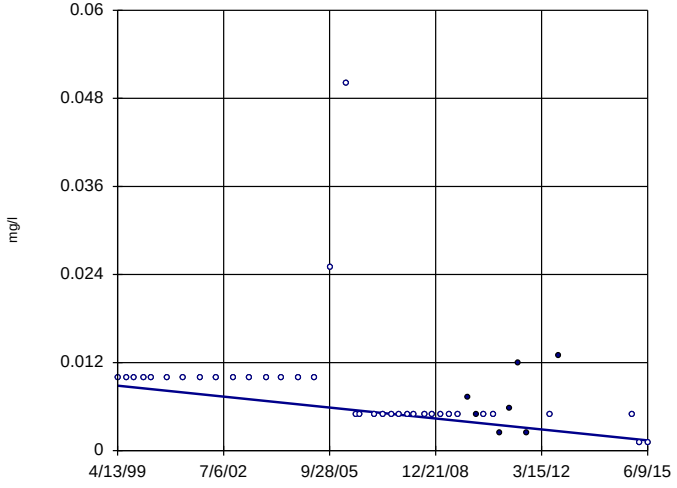
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.0004616 units per year.

Mann-Kendall normal approx. = -4.142
critical = -2.33

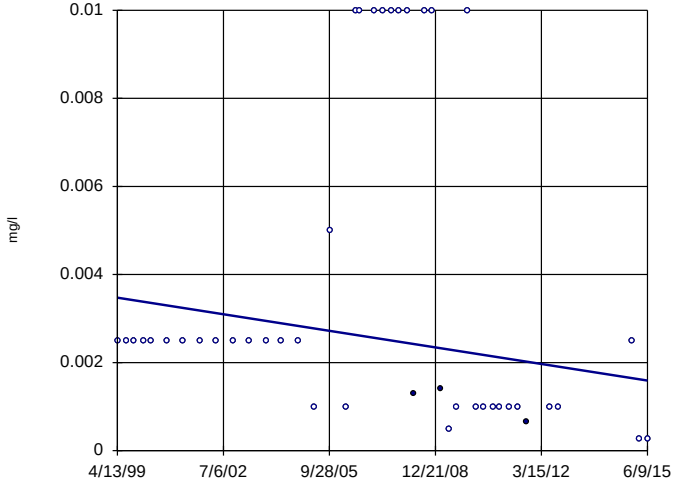
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.0001162 units per year.

Mann-Kendall normal approx. = -2.723
critical = -2.33

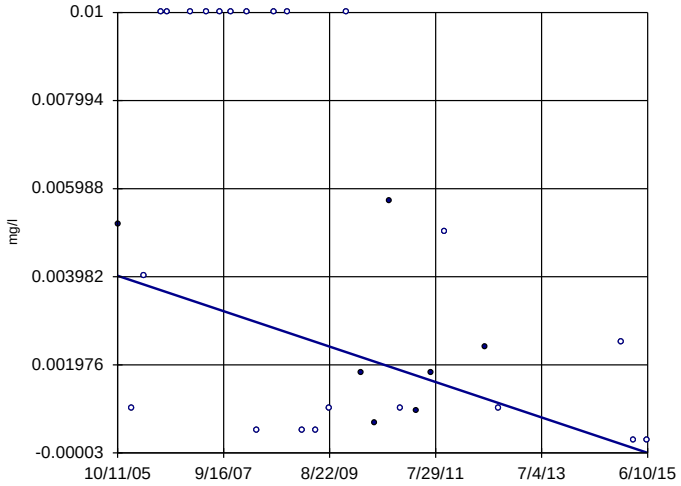
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.0004173 units per year.

Mann-Kendall statistic = -128
critical = -125

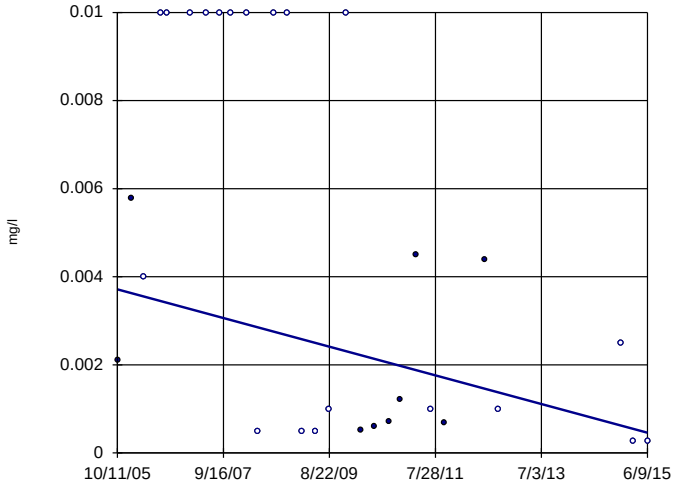
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-3



n = 29

Slope = -0.0003367 units per year.

Mann-Kendall statistic = -130
critical = -125

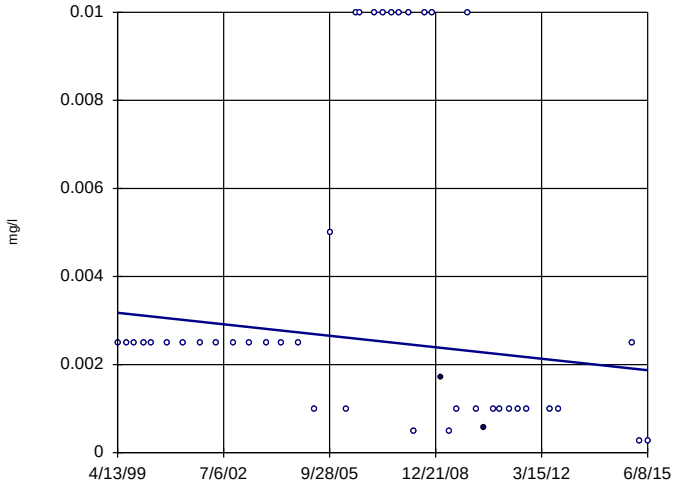
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = -0.00008058 units per year.

Mann-Kendall normal approx. = -2.429
critical = -2.33

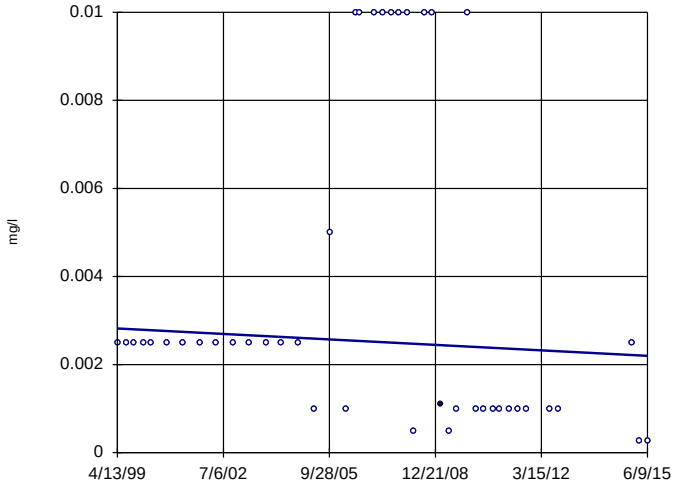
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.00003846 units per year.

Mann-Kendall normal approx. = -2.469
critical = -2.33

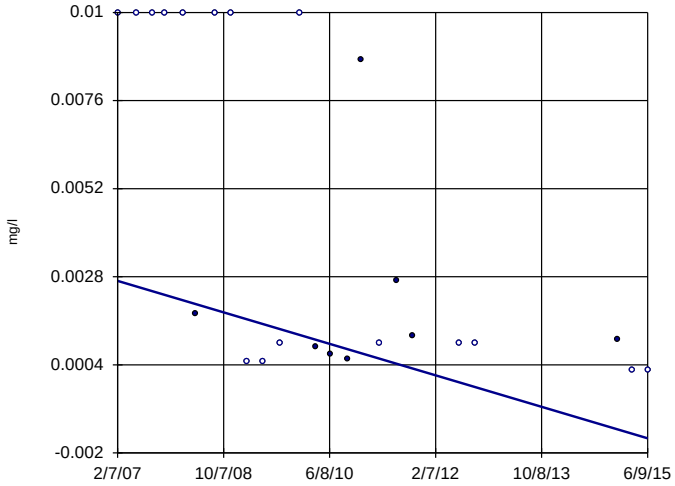
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-577



n = 24

Slope = -0.0005146 units per year.

Mann-Kendall statistic = -120
critical = -95

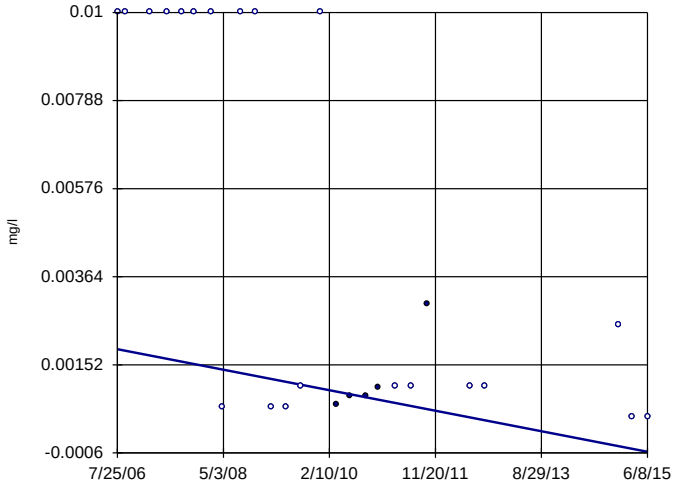
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-633D



n = 26

Slope = -0.000278 units per year.

Mann-Kendall statistic = -113
critical = -106

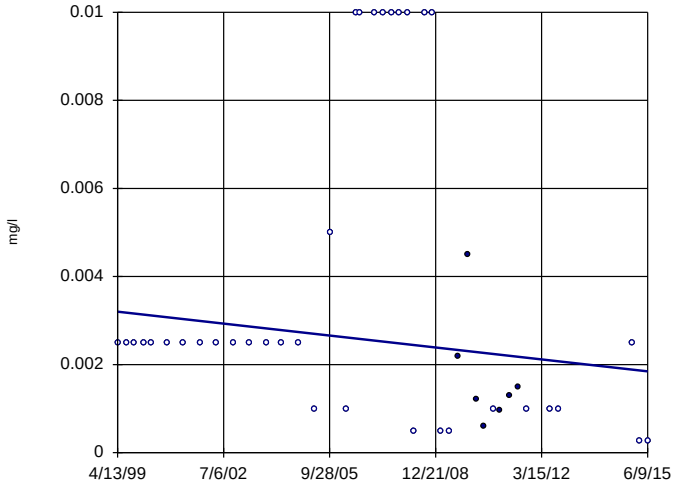
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.00008385 units per year.

Mann-Kendall normal approx. = -2.394
critical = -2.33

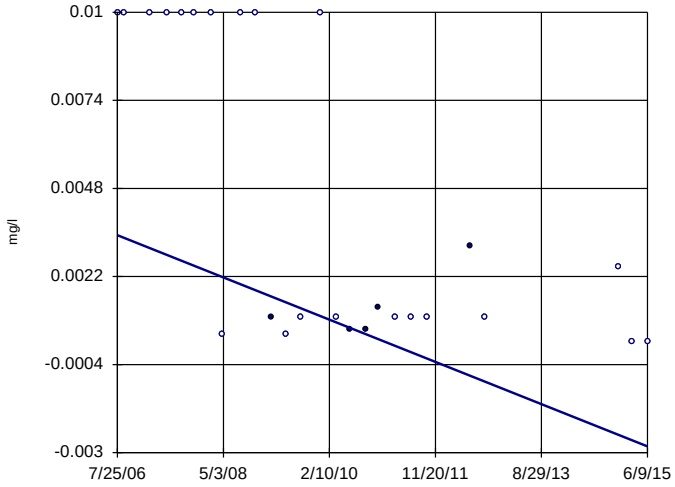
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-2



n = 26

Slope = -0.0007019 units per year.

Mann-Kendall statistic = -134
critical = -106

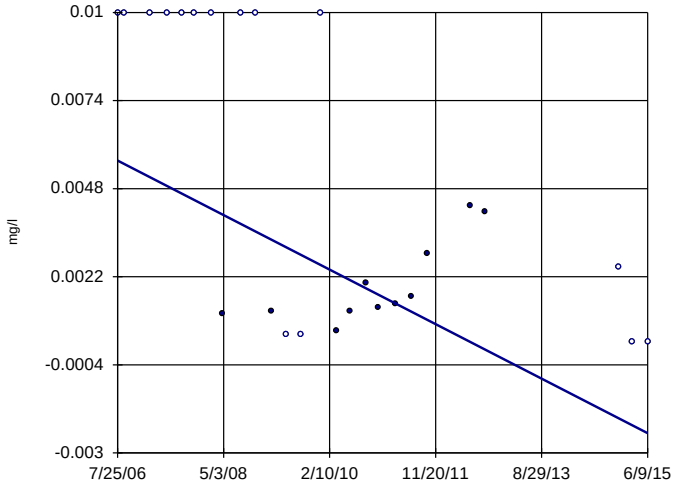
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-3



n = 26

Slope = -0.0009059 units per year.

Mann-Kendall statistic = -113
critical = -106

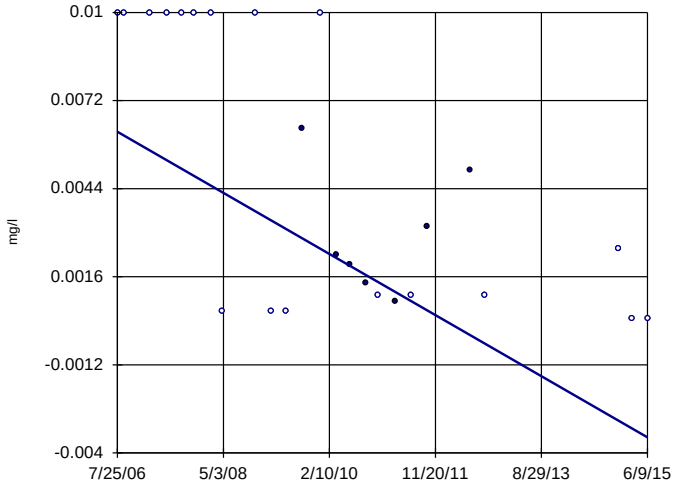
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-4



n = 25

Slope = -0.001094 units per year.

Mann-Kendall statistic = -137
critical = -101

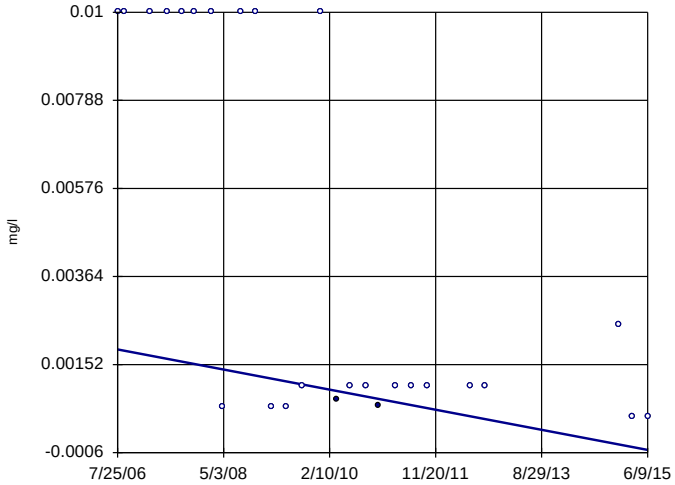
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-7



n = 26

Slope = -0.0002723 units per year.

Mann-Kendall statistic = -126
critical = -106

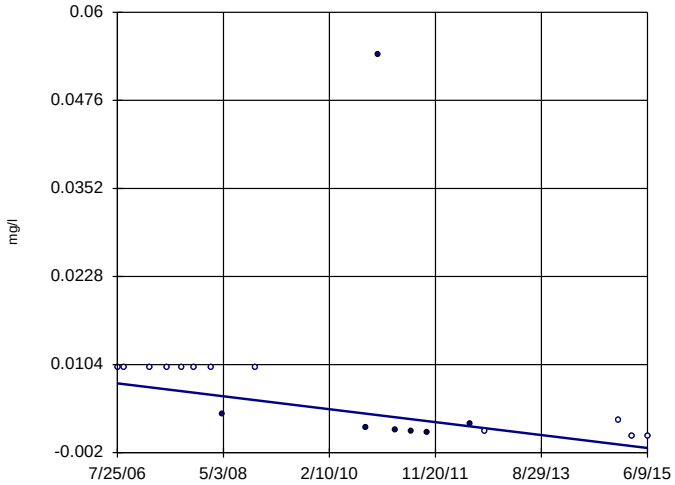
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-8



n = 19

Slope = -0.001026 units per year.

Mann-Kendall statistic = -98
critical = -68

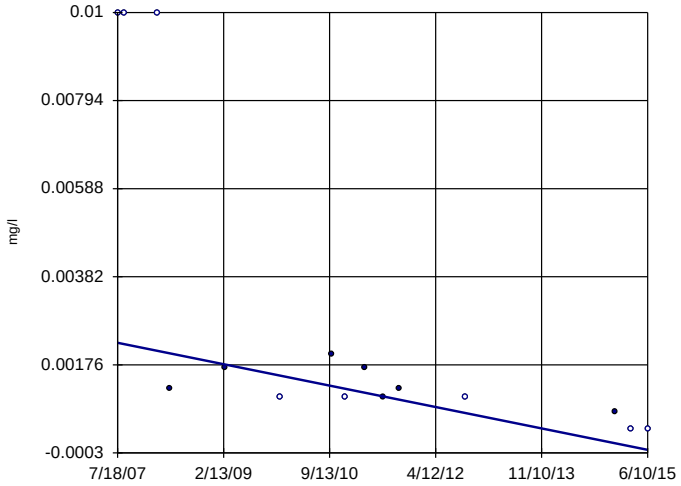
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SP-7



n = 15

Slope = -0.0003166 units per year.

Mann-Kendall statistic = -73
critical = -48

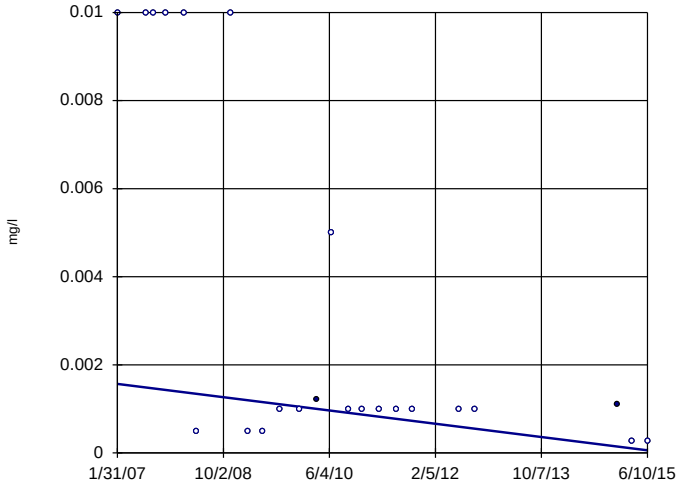
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SPRINGA



n = 23

Slope = -0.0001801 units per year.

Mann-Kendall statistic = -96
critical = -89

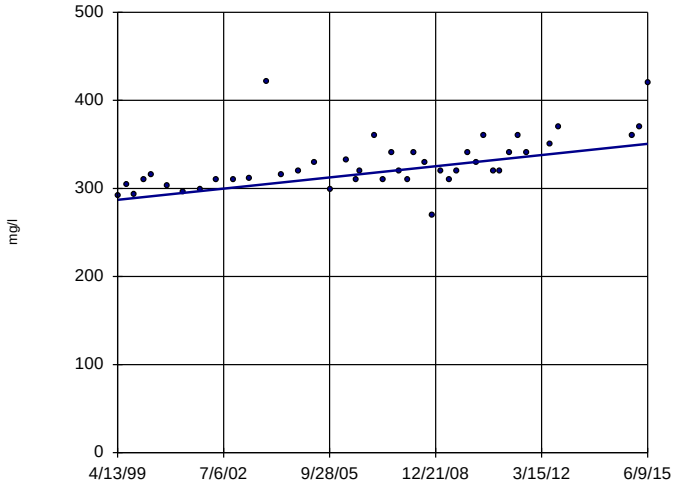
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Copper Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-4



n = 43

Slope = 3.928 units per year.

Mann-Kendall normal approx. = 5.162
critical = 2.33

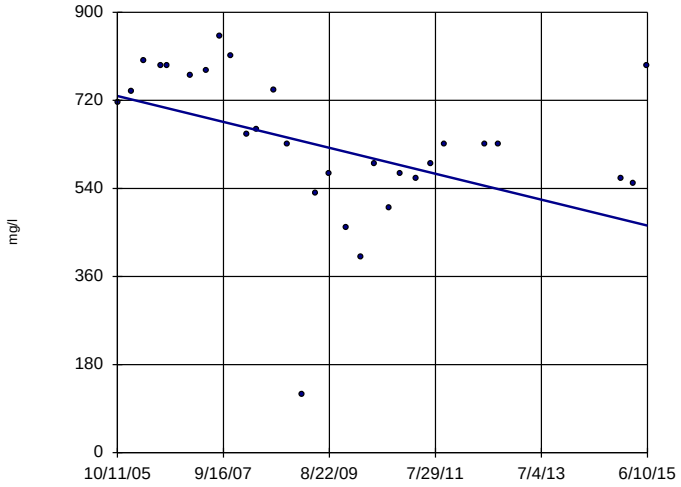
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Dissolved Solids Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

CAO-1



n = 29

Slope = -27.38 units per year.

Mann-Kendall statistic = -144
critical = -125

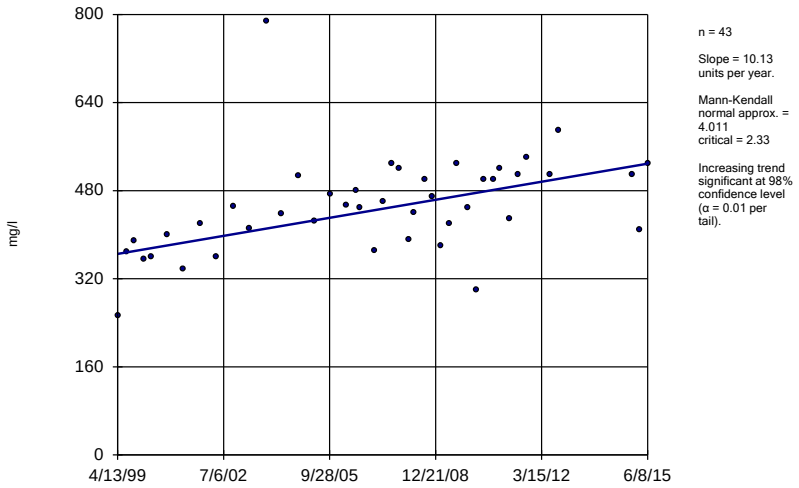
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Dissolved Solids Analysis Run 8/17/2015 3:31 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-3



n = 43

Slope = 10.13 units per year.

Mann-Kendall normal approx. = 4.011
critical = 2.33

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

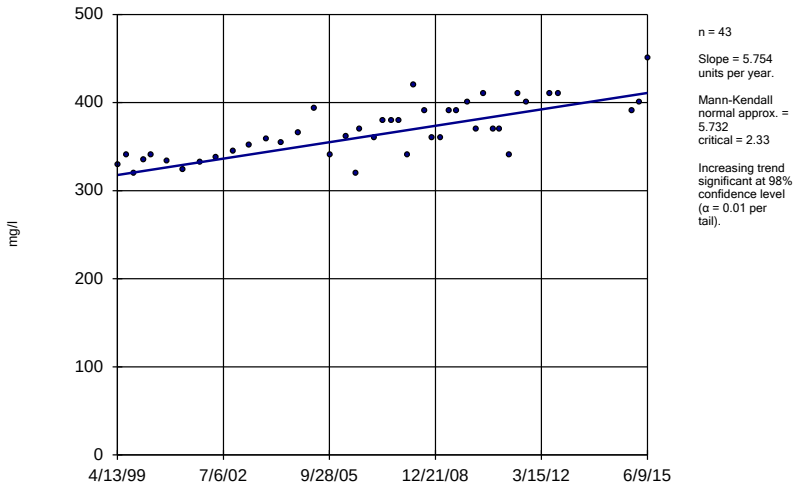
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:31 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-5



n = 43

Slope = 5.754 units per year.

Mann-Kendall normal approx. = 5.732
critical = 2.33

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

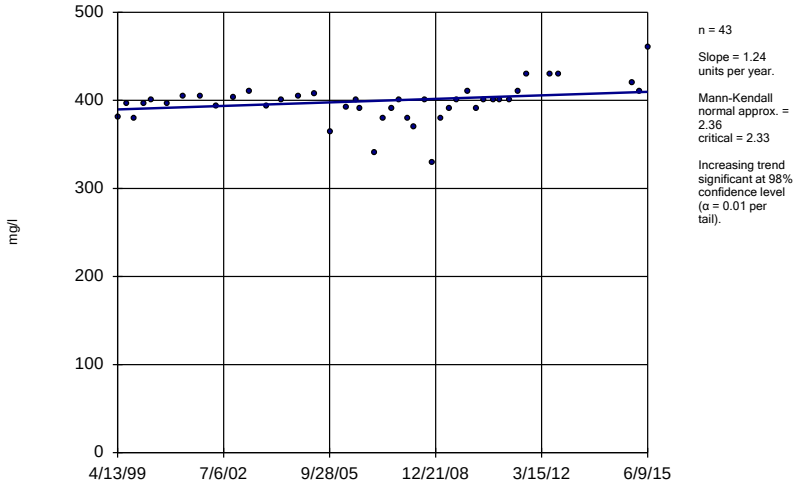
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:31 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-6



n = 43

Slope = 1.24 units per year.

Mann-Kendall normal approx. = 2.36
critical = 2.33

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

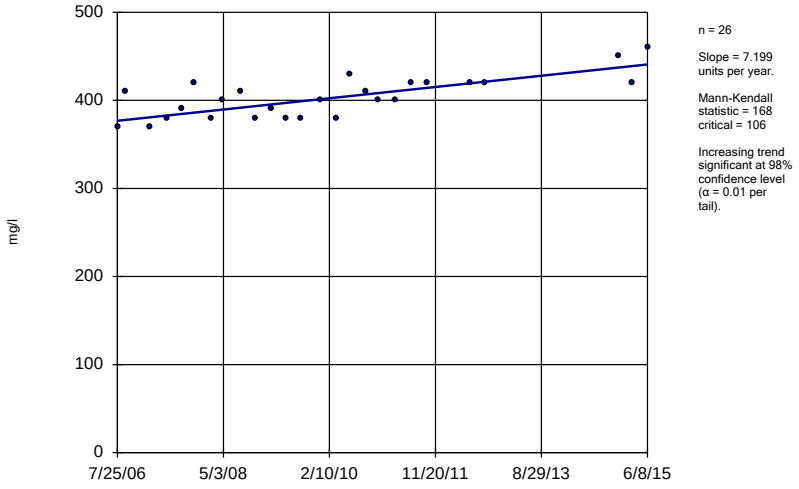
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:31 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-633D



n = 26

Slope = 7.199 units per year.

Mann-Kendall statistic = 168
critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

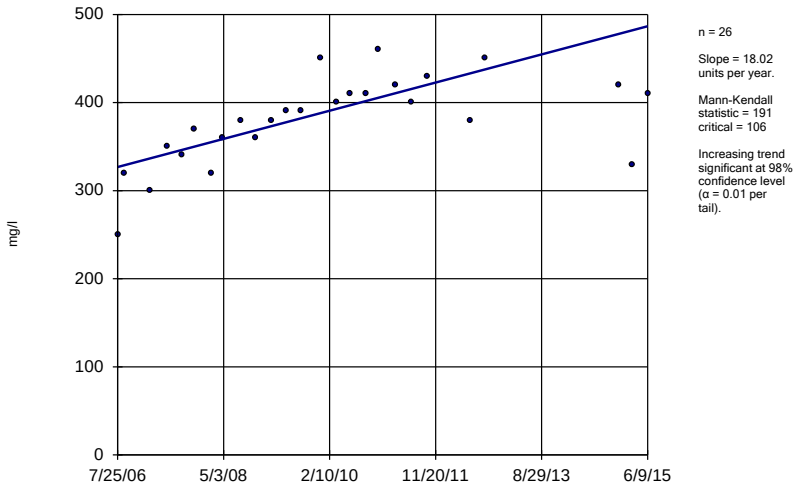
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-3



n = 26

Slope = 18.02 units per year.

Mann-Kendall statistic = 191 critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

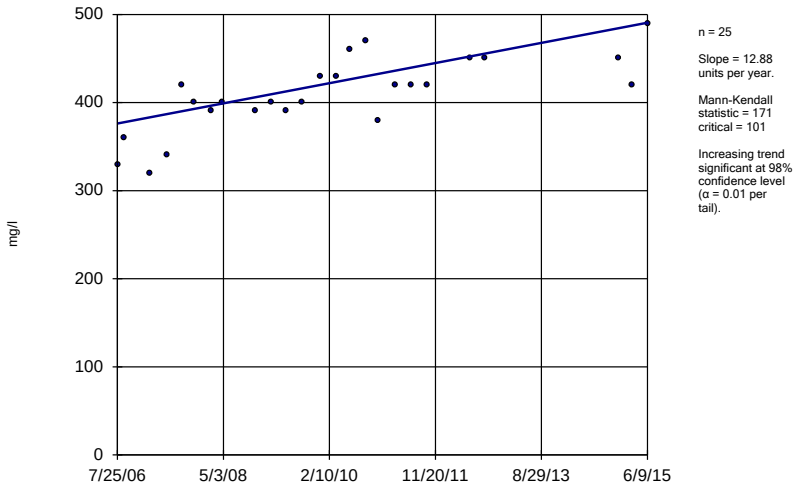
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-4



n = 25

Slope = 12.88 units per year.

Mann-Kendall statistic = 171 critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

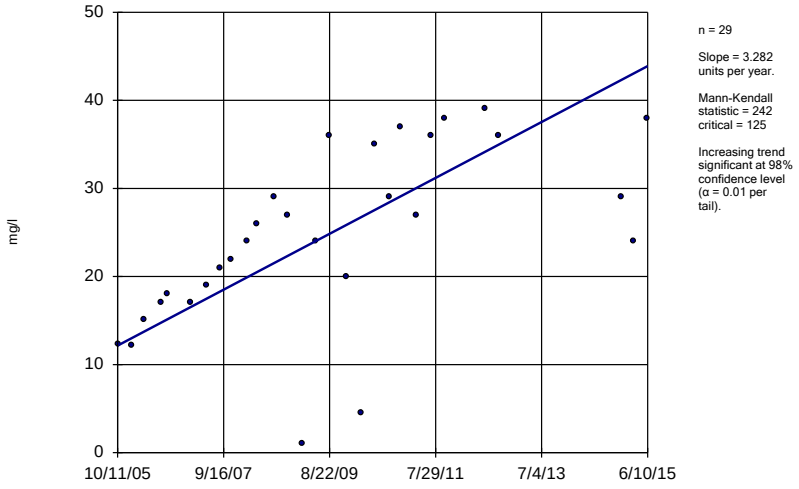
Constituent: Dissolved Solids Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

CAO-1



n = 29

Slope = 3.282 units per year.

Mann-Kendall statistic = 242 critical = 125

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Iron Analysis Run 8/17/2015 3:32 PM

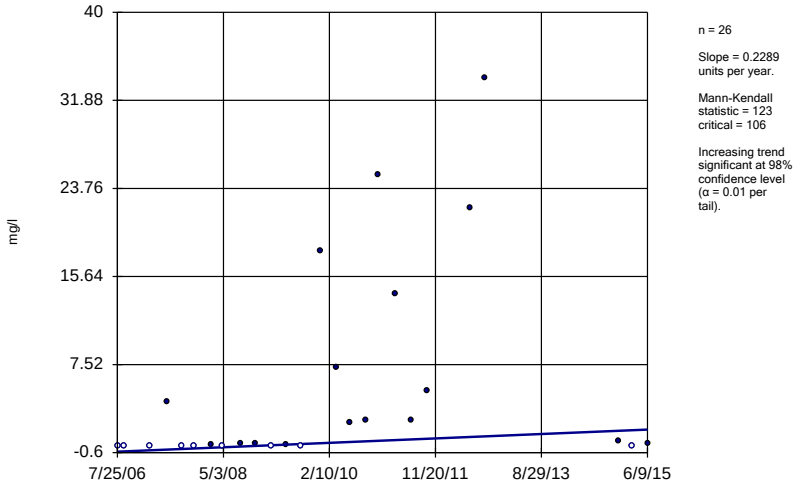
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-509D



n = 26

Slope = 0.2289 units per year.

Mann-Kendall statistic = 123 critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

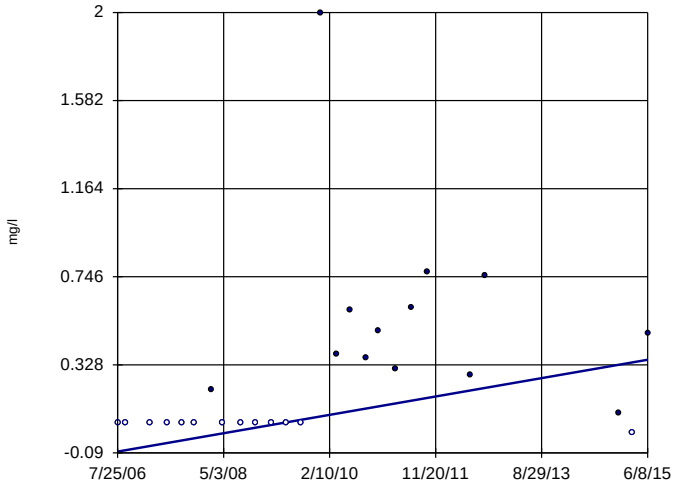
Constituent: Iron Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-633D



n = 26

Slope = 0.04912 units per year.

Mann-Kendall statistic = 117
critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

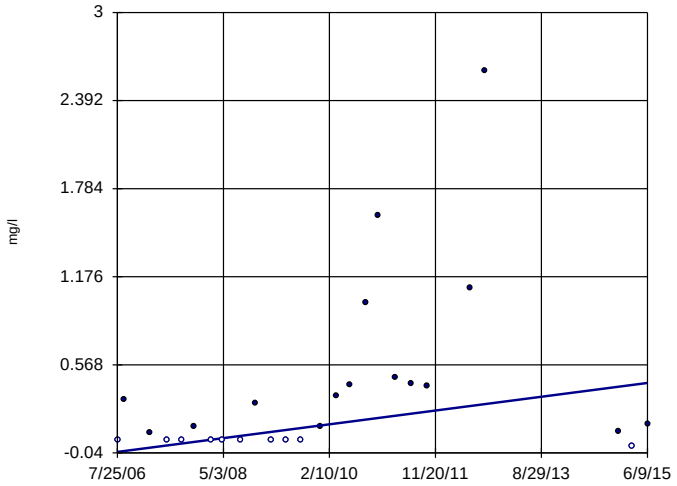
Constituent: Iron Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-2



n = 26

Slope = 0.05362 units per year.

Mann-Kendall statistic = 110
critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

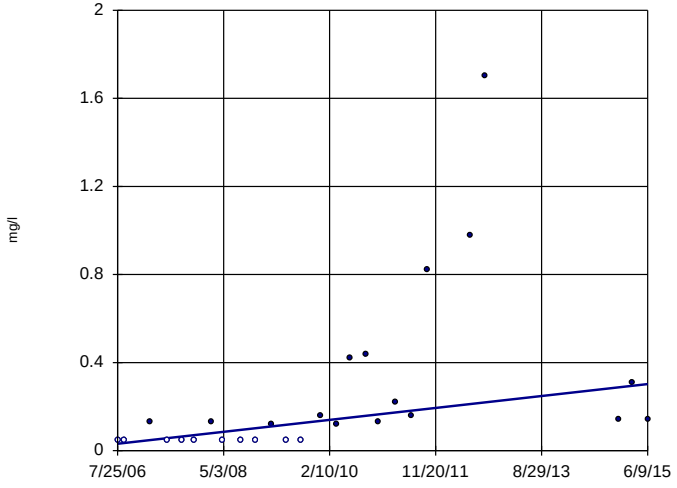
Constituent: Iron Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-3



n = 26

Slope = 0.03056 units per year.

Mann-Kendall statistic = 174
critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

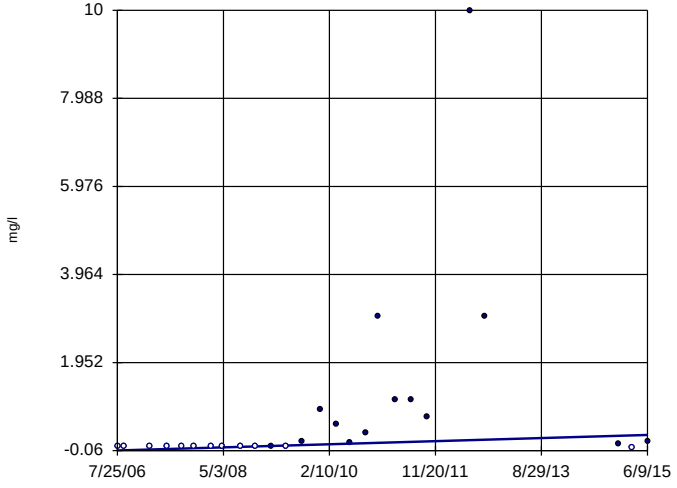
Constituent: Iron Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-7



n = 26

Slope = 0.03977 units per year.

Mann-Kendall statistic = 134
critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

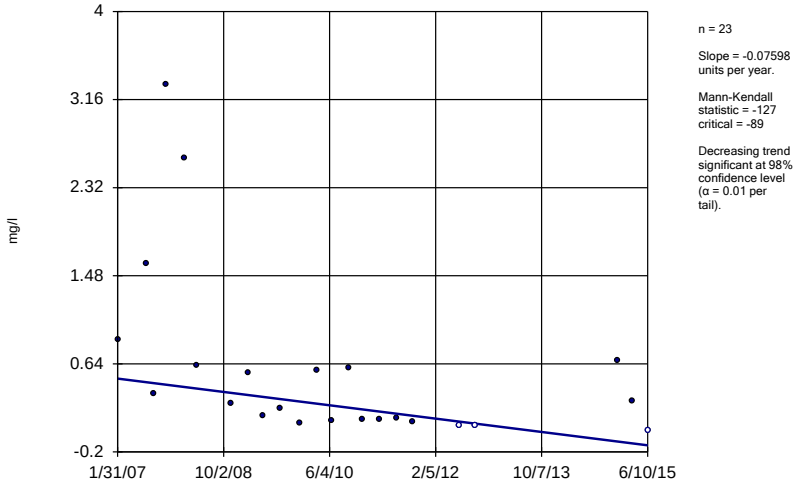
Constituent: Iron Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SPRINGA



n = 23

Slope = -0.07598 units per year.

Mann-Kendall statistic = -127 critical = -89

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

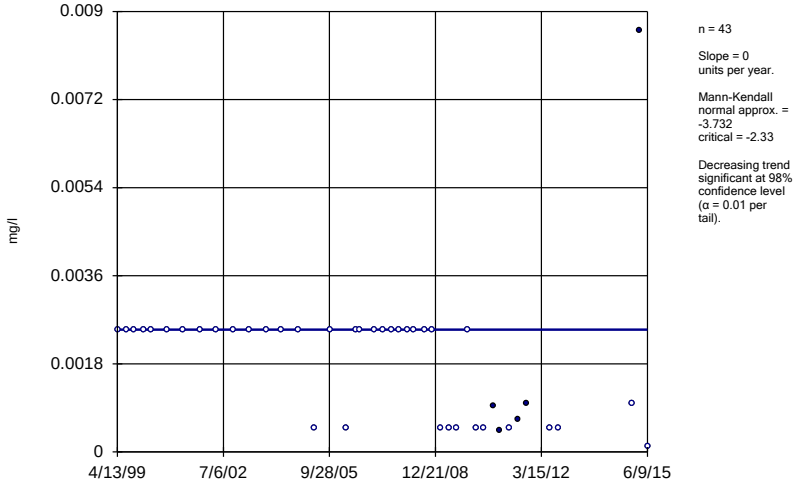
Constituent: Iron Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = 0 units per year.

Mann-Kendall normal approx. = -3.732 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

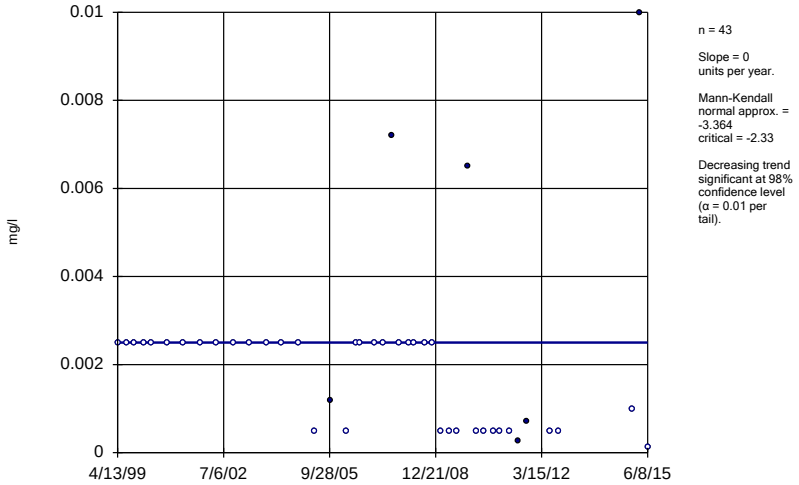
Constituent: Lead Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = 0 units per year.

Mann-Kendall normal approx. = -3.364 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

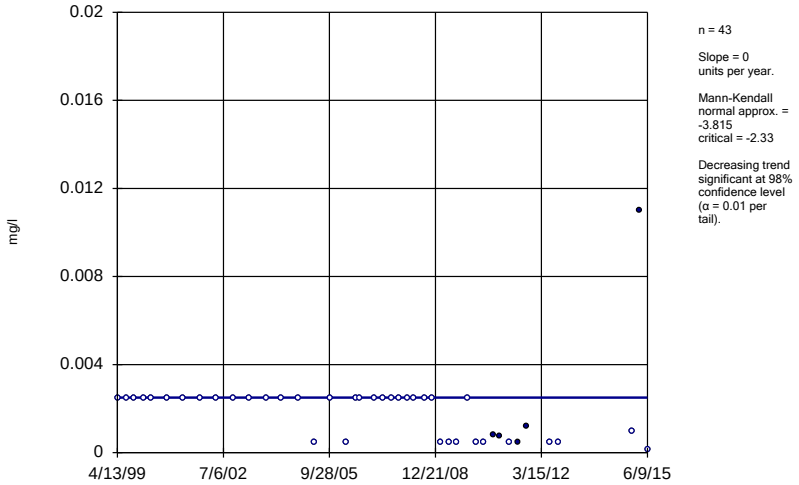
Constituent: Lead Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = 0 units per year.

Mann-Kendall normal approx. = -3.815 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

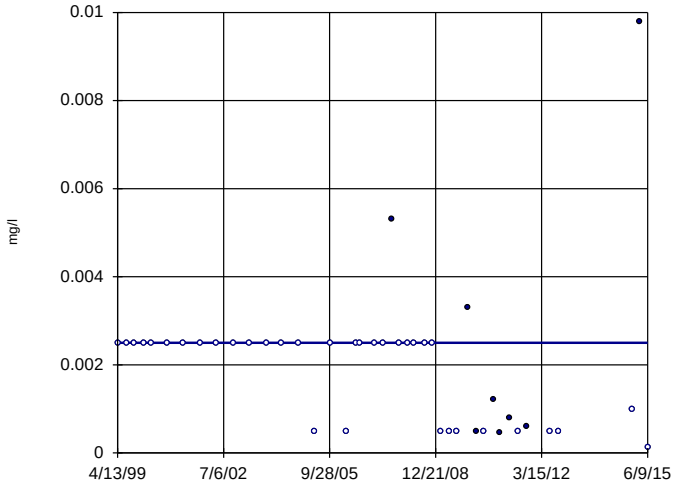
Constituent: Lead Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = 0
units per year.

Mann-Kendall
normal approx. =
-3.275
critical = -2.33

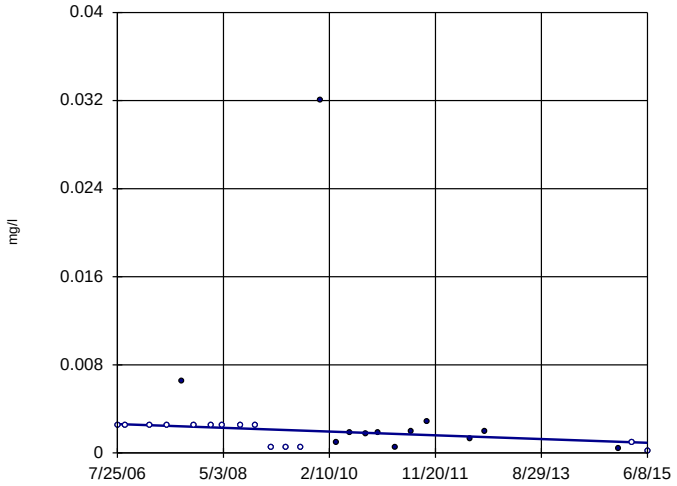
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Lead Analysis Run 8/17/2015 3:32 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-633D



n = 26

Slope = -0.0001921
units per year.

Mann-Kendall
statistic = -128
critical = -106

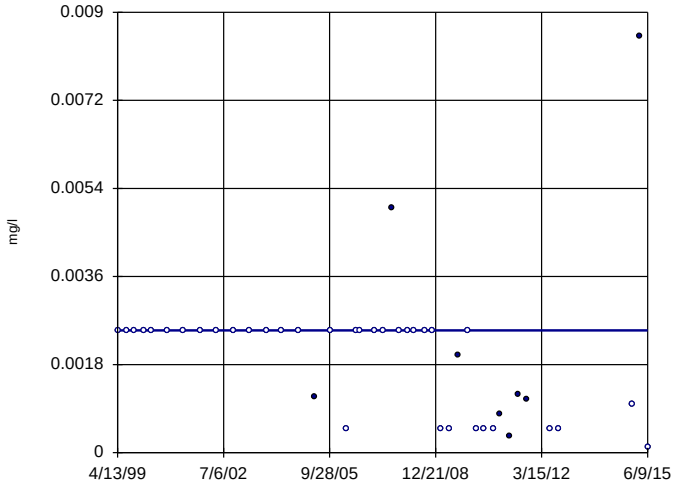
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Lead Analysis Run 8/17/2015 3:32 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = 0
units per year.

Mann-Kendall
normal approx. =
-3.81
critical = -2.33

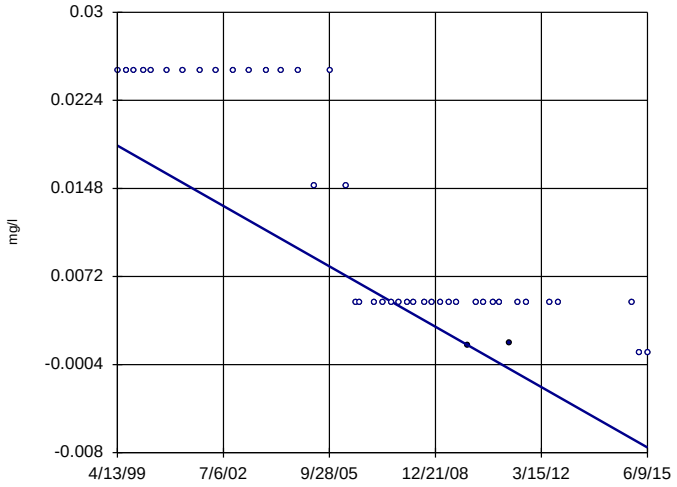
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Lead Analysis Run 8/17/2015 3:32 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.001611
units per year.

Mann-Kendall
normal approx. =
-6.159
critical = -2.33

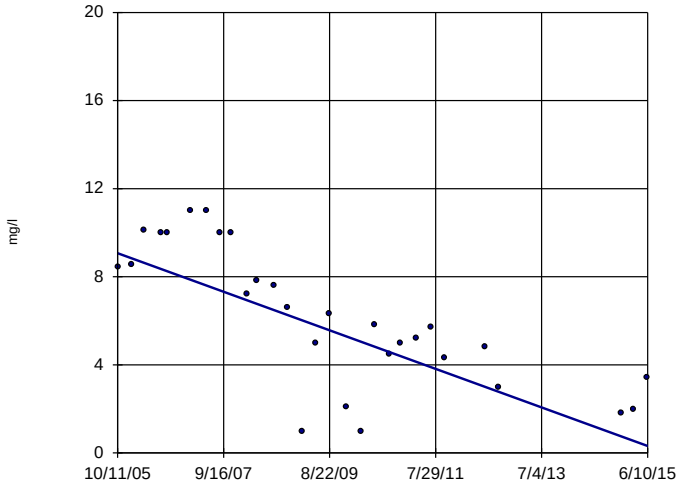
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Manganese Analysis Run 8/17/2015 3:32 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.9053 units per year.

Mann-Kendall statistic = -252 critical = -125

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Manganese Analysis Run 8/17/2015 3:32 PM

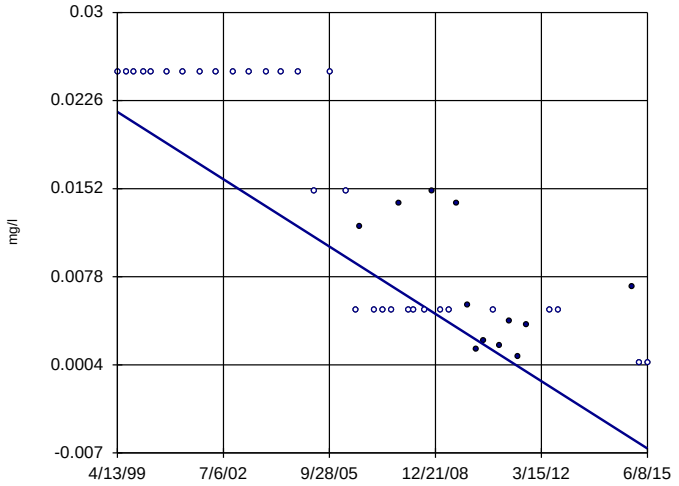
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = -0.001749 units per year.

Mann-Kendall normal approx. = -6.203 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Manganese Analysis Run 8/17/2015 3:32 PM

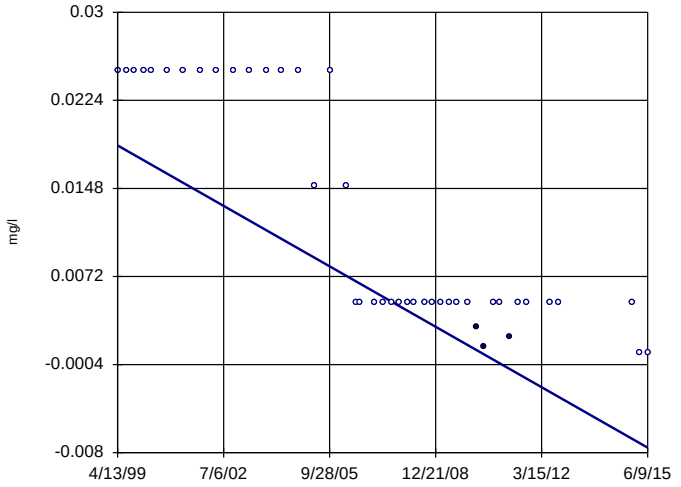
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.001613 units per year.

Mann-Kendall normal approx. = -6.219 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Manganese Analysis Run 8/17/2015 3:32 PM

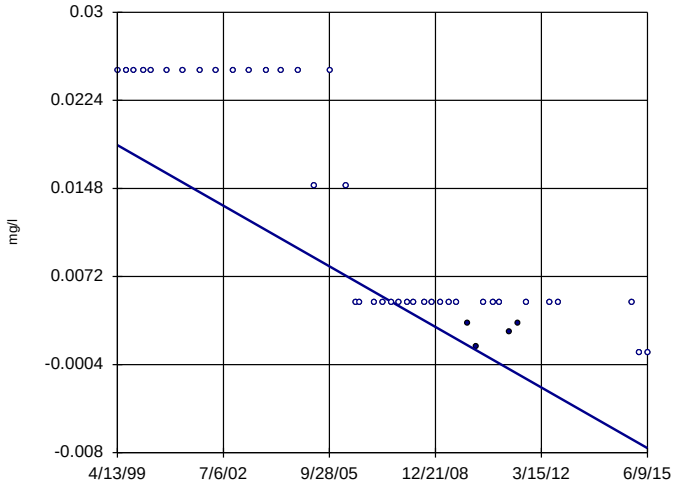
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.001617 units per year.

Mann-Kendall normal approx. = -6.263 critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

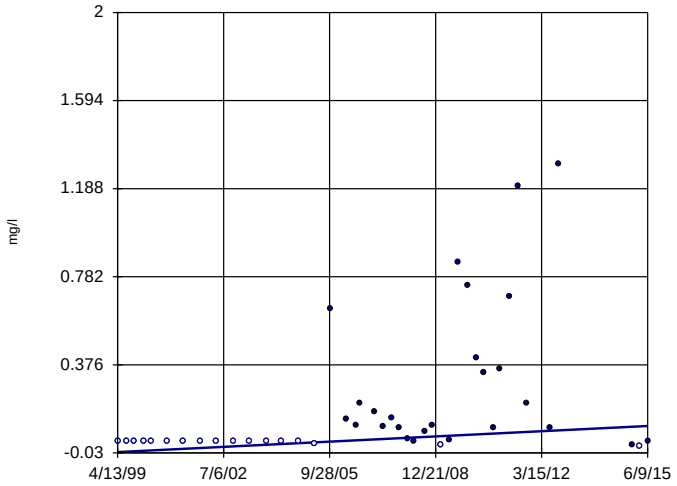
Constituent: Manganese Analysis Run 8/17/2015 3:32 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = 0.007444 units per year.

Mann-Kendall normal approx. = 2.667
critical = 2.33

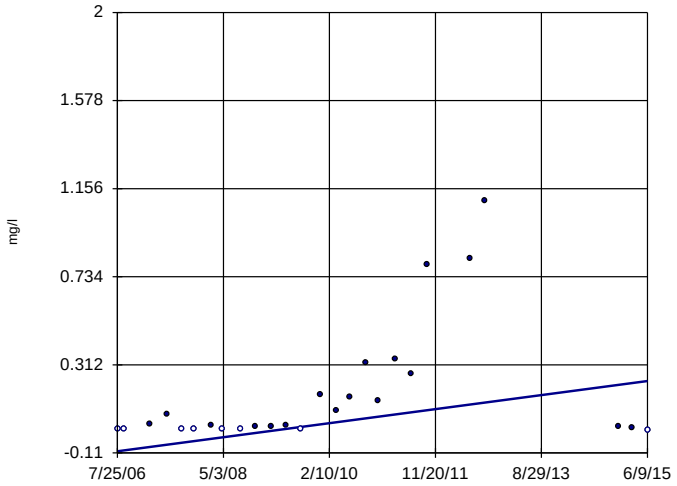
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Manganese Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-3



n = 26

Slope = 0.03785 units per year.

Mann-Kendall statistic = 122
critical = 106

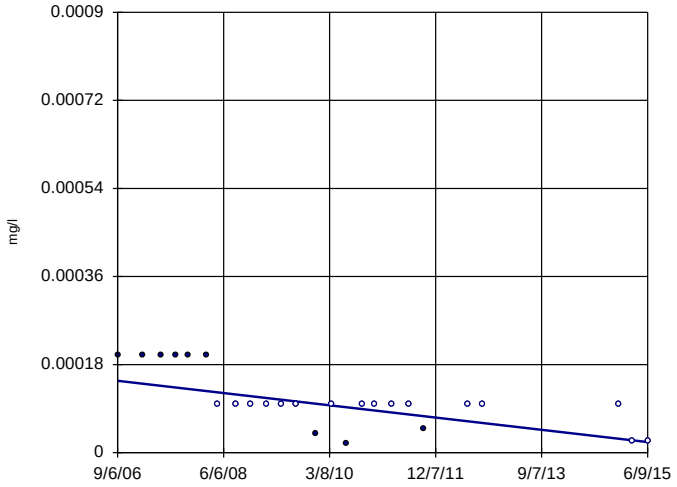
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Manganese Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 25

Slope = -0.00001426 units per year.

Mann-Kendall statistic = -149
critical = -101

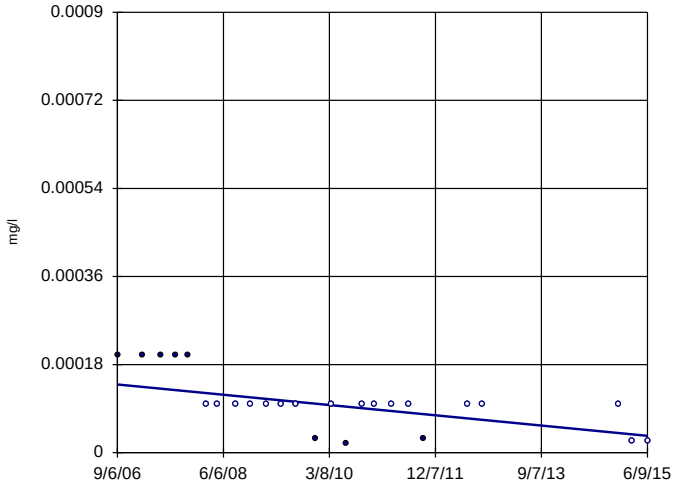
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Mercury Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 25

Slope = -0.00001197 units per year.

Mann-Kendall statistic = -141
critical = -101

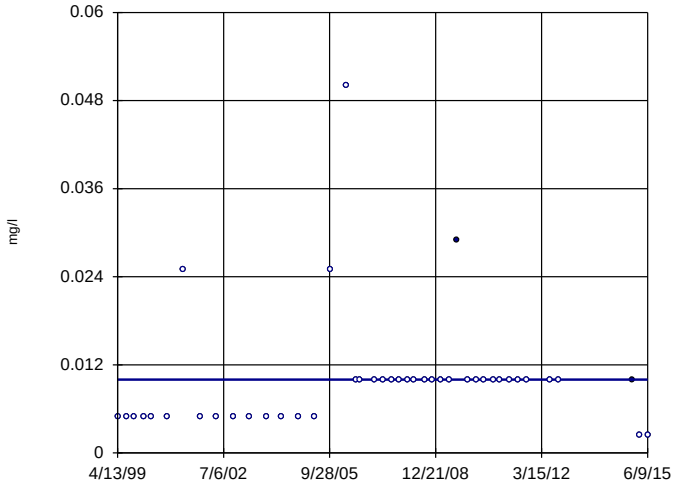
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Mercury Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = 0
units per year.

Mann-Kendall
normal approx. =
2.494
critical = 2.33

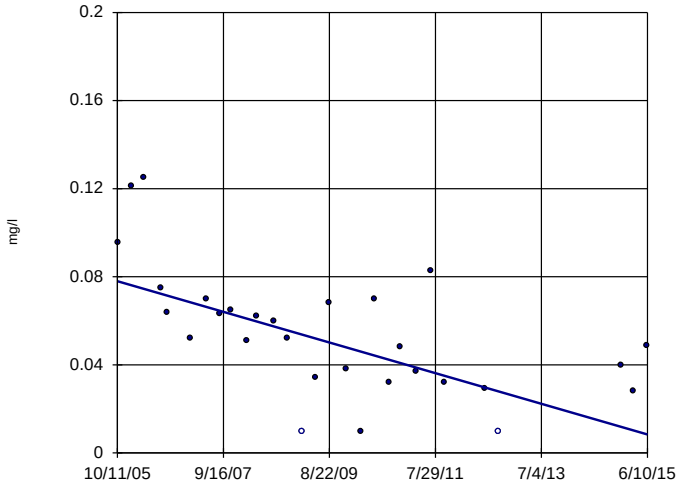
Increasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Nickel Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.007192
units per year.

Mann-Kendall
statistic = -204
critical = -125

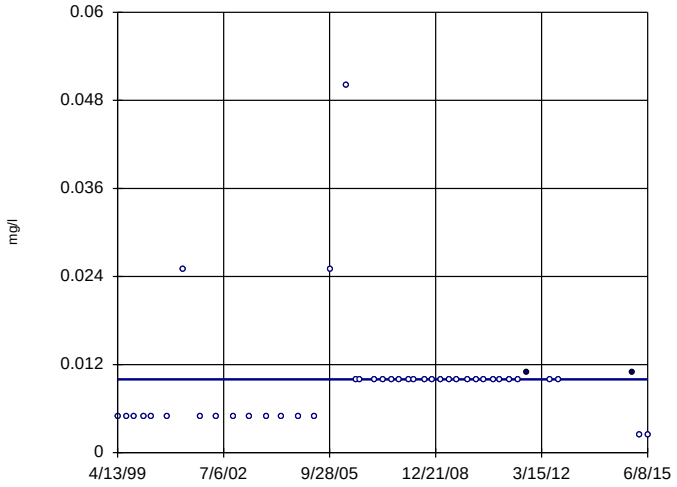
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Nickel Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = 0
units per year.

Mann-Kendall
normal approx. =
2.868
critical = 2.33

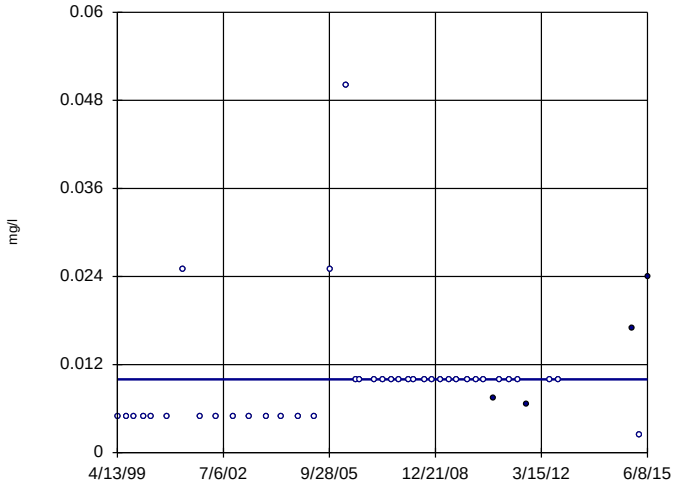
Increasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Nickel Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = 0
units per year.

Mann-Kendall
normal approx. =
3.191
critical = 2.33

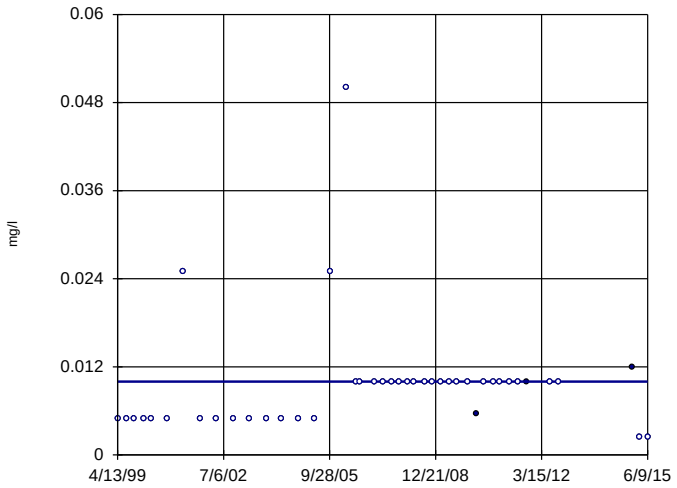
Increasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Nickel Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = 0
units per year.

Mann-Kendall
normal approx. =
2.603
critical = 2.33

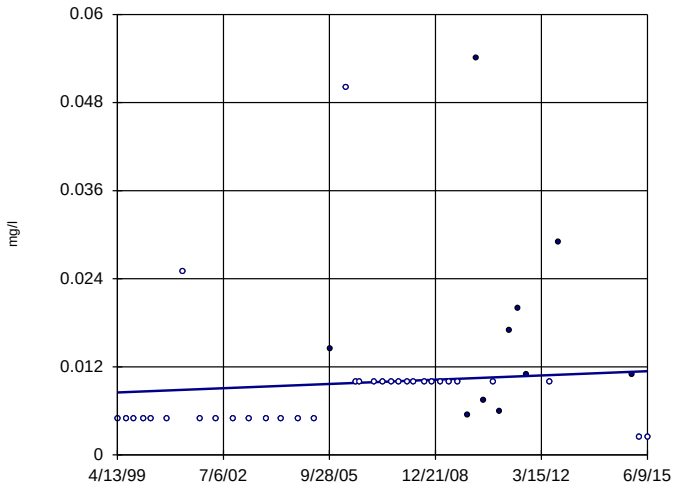
Increasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Nickel Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = 0.0001793
units per year.

Mann-Kendall
normal approx. =
3.014
critical = 2.33

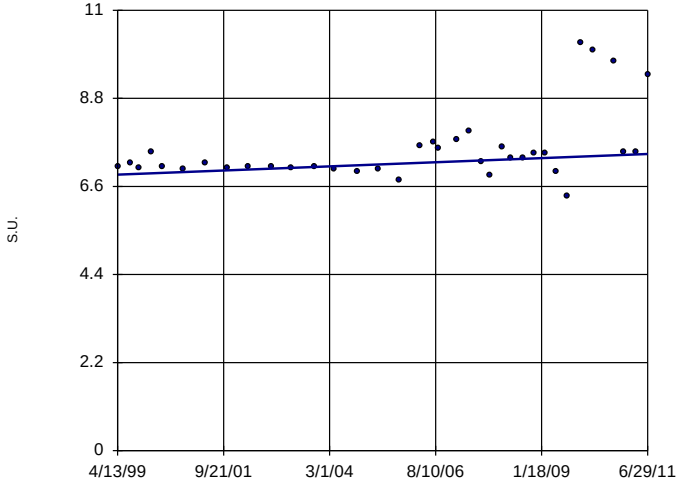
Increasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Nickel Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-2



n = 36

Slope = 0.04244
units per year.

Mann-Kendall
statistic = 176
critical = 171

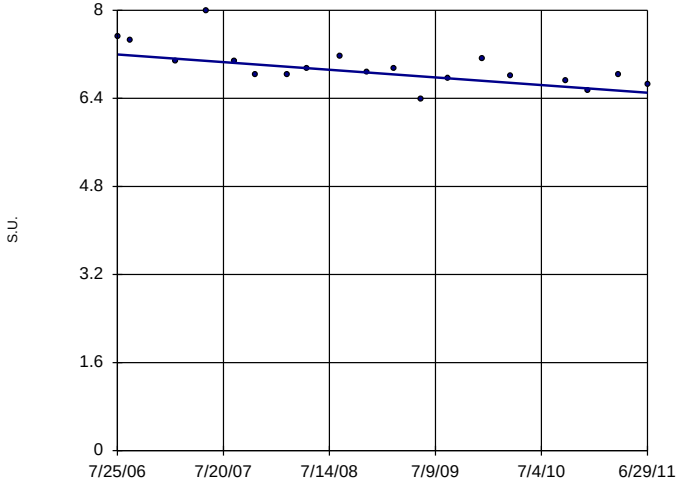
Increasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: pH Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-509D



n = 19

Slope = -0.1409
units per year.

Mann-Kendall
statistic = -93
critical = -68

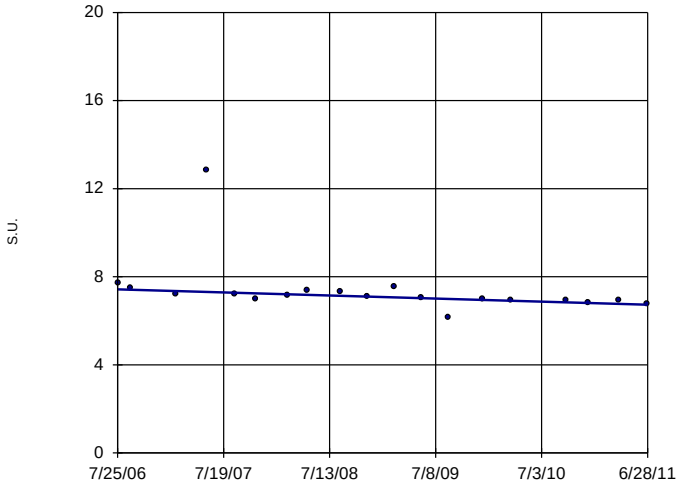
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: pH Analysis Run 8/17/2015 3:33 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-633D



n = 19

Slope = -0.1413 units per year.

Mann-Kendall statistic = -113 critical = -68

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

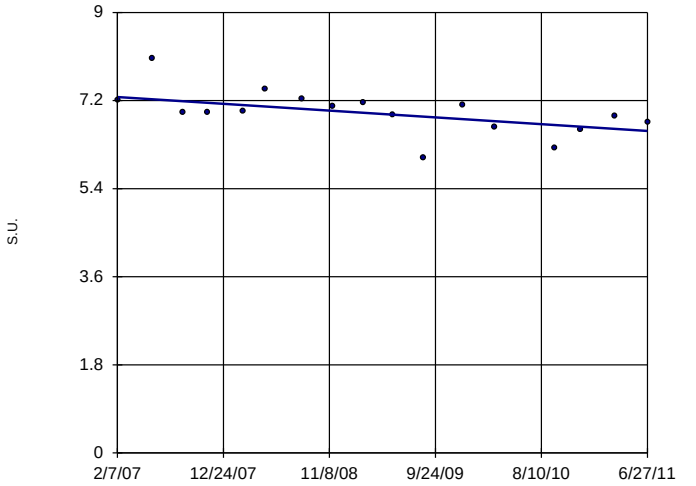
Constituent: pH Analysis Run 8/17/2015 3:33 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-689D



n = 17

Slope = -0.1585 units per year.

Mann-Kendall statistic = -63 critical = -58

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

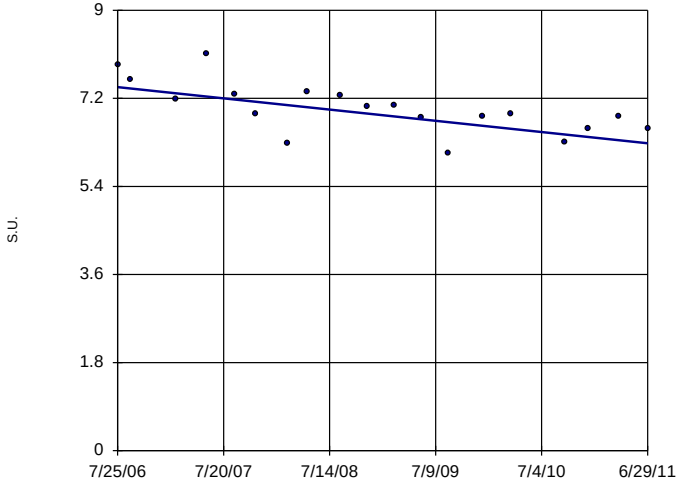
Constituent: pH Analysis Run 8/17/2015 3:33 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-3



n = 19

Slope = -0.2324 units per year.

Mann-Kendall statistic = -93 critical = -68

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

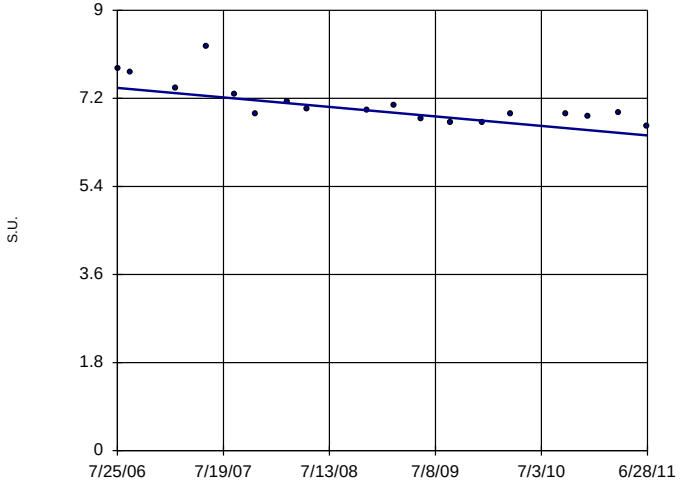
Constituent: pH Analysis Run 8/17/2015 3:33 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-4



n = 18

Slope = -0.1971 units per year.

Mann-Kendall statistic = -100 critical = -63

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

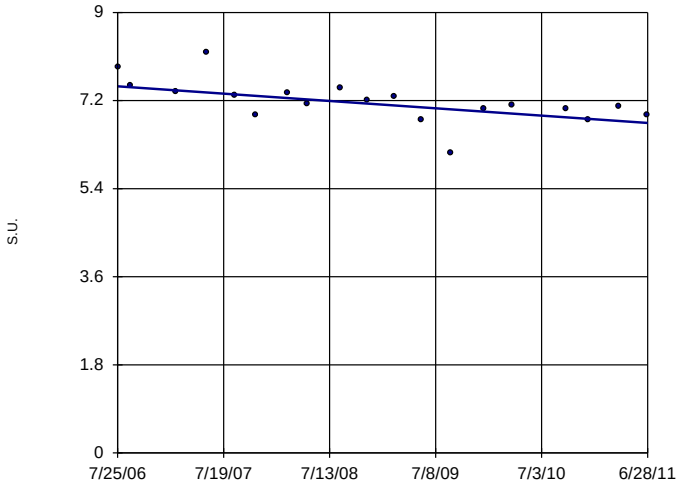
Constituent: pH Analysis Run 8/17/2015 3:33 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-7



n = 19

Slope = -0.152 units per year.

Mann-Kendall statistic = -98
critical = -68

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

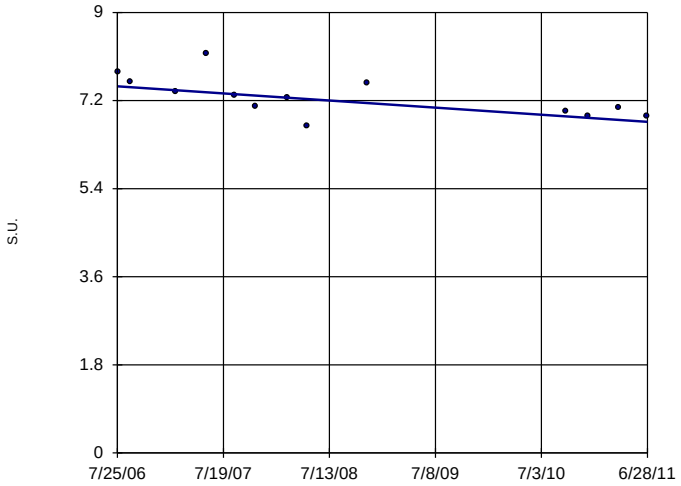
Constituent: pH Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-8



n = 13

Slope = -0.1472 units per year.

Mann-Kendall statistic = -48
critical = -39

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

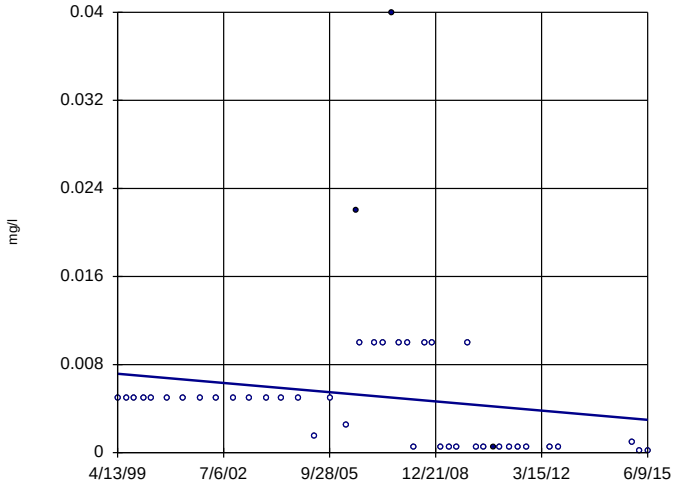
Constituent: pH Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.0002592 units per year.

Mann-Kendall normal approx. = -3.265
critical = -2.33

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

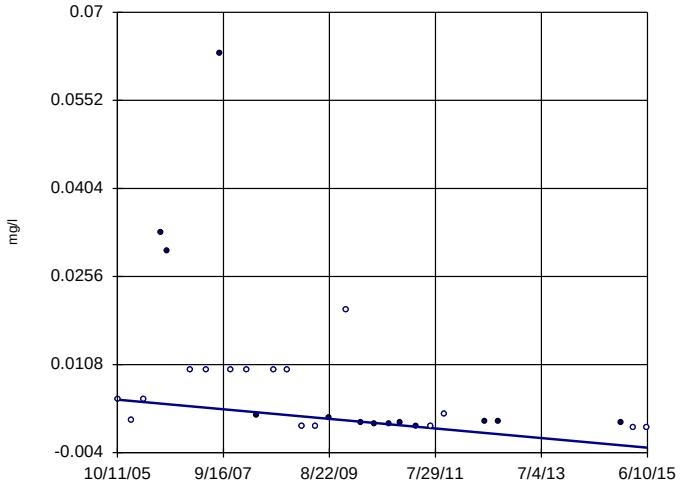
Constituent: Selenium Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.0008342 units per year.

Mann-Kendall statistic = -192
critical = -125

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

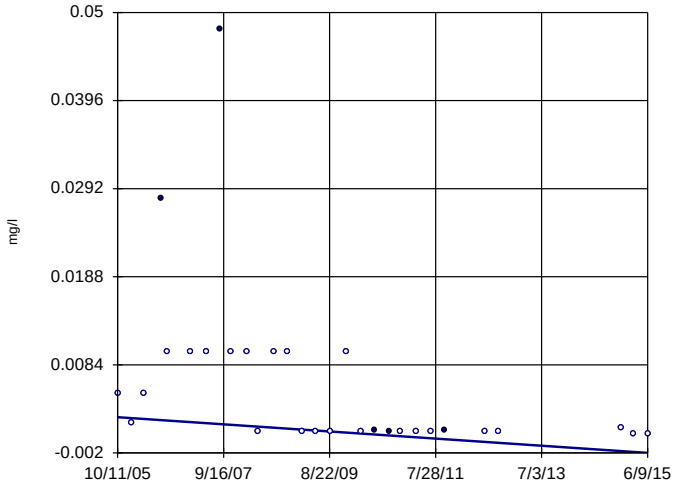
Constituent: Selenium Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-2



n = 29

Slope = -0.0004365 units per year.

Mann-Kendall statistic = -185
critical = -125

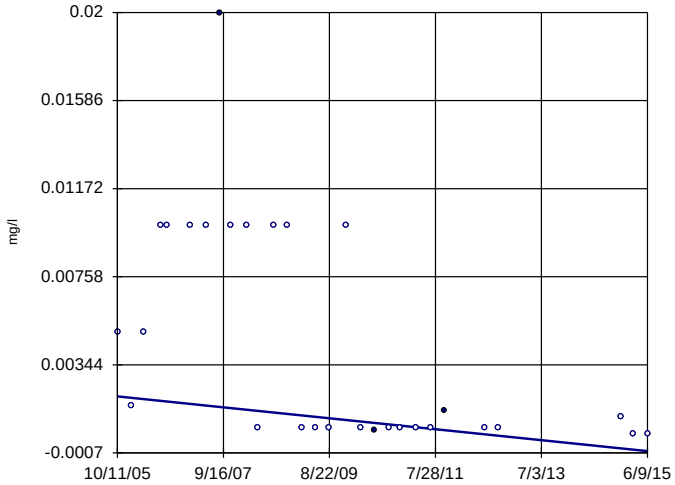
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-3



n = 29

Slope = -0.000266 units per year.

Mann-Kendall statistic = -175
critical = -125

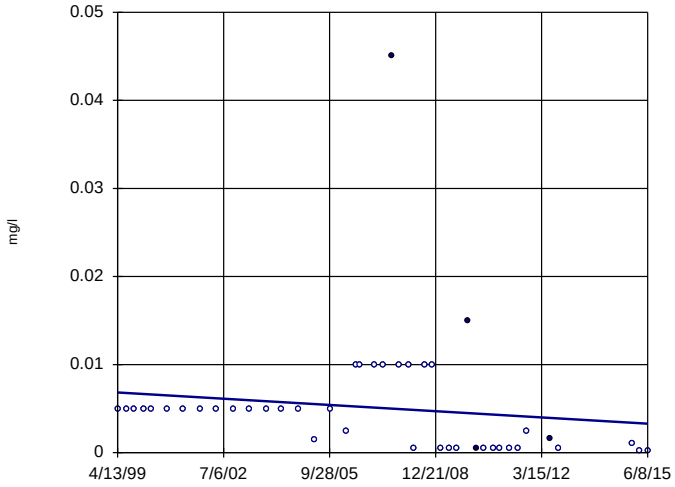
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = -0.0002187 units per year.

Mann-Kendall normal approx. = -2.902
critical = -2.33

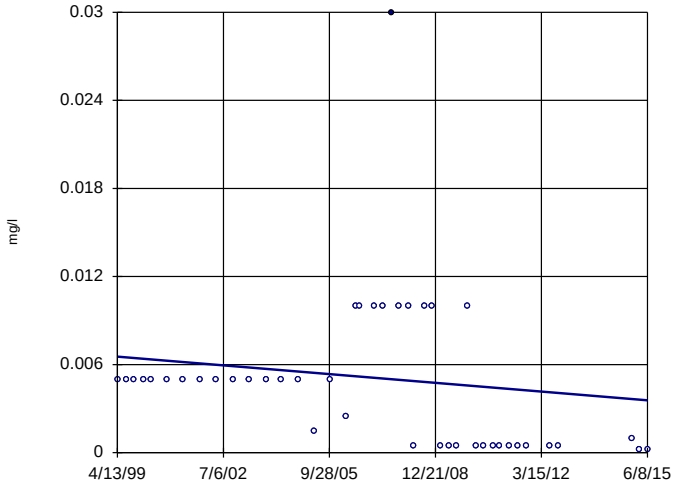
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = -0.0001837 units per year.

Mann-Kendall normal approx. = -3.194
critical = -2.33

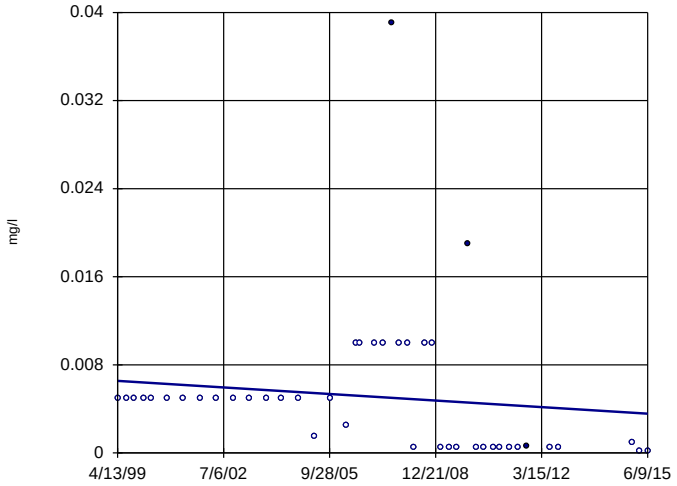
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.0001837 units per year.

Mann-Kendall normal approx. = -3.004
critical = -2.33

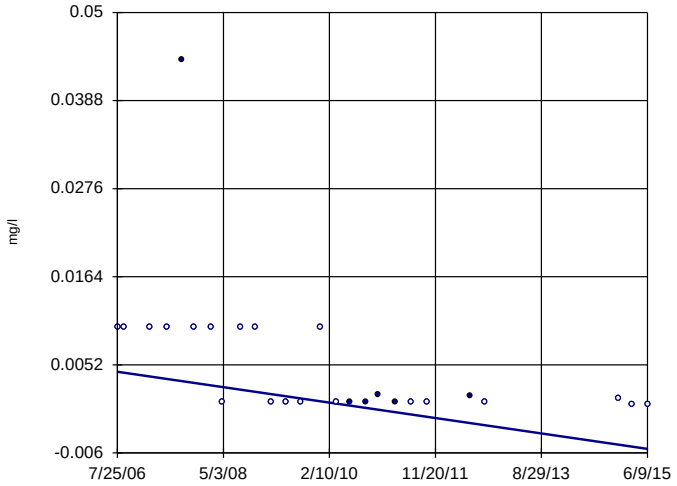
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-509D



n = 26

Slope = -0.001105 units per year.

Mann-Kendall statistic = -158
critical = -106

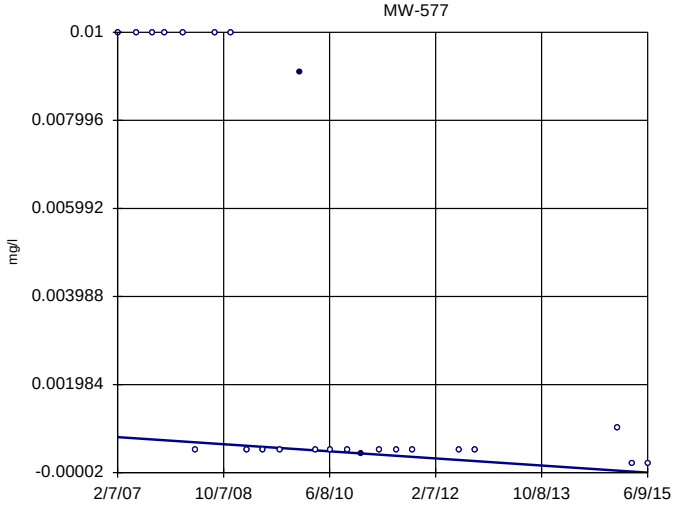
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-577



n = 24

Slope = -0.00009718 units per year.

Mann-Kendall statistic = -140
critical = -95

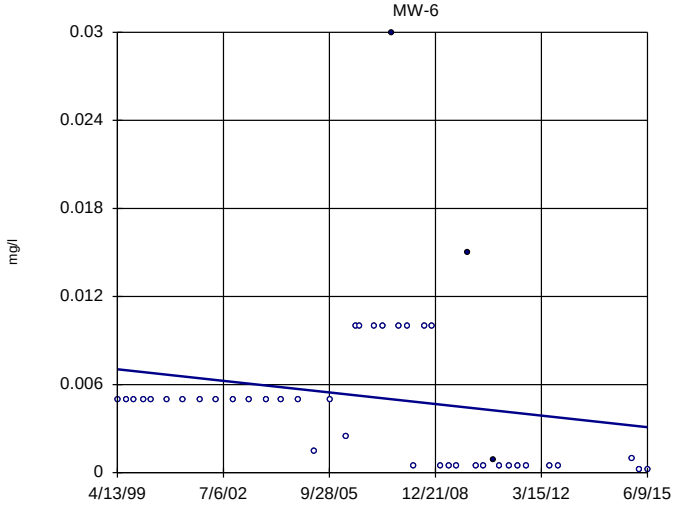
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.0002438 units per year.

Mann-Kendall normal approx. = -3.091
critical = -2.33

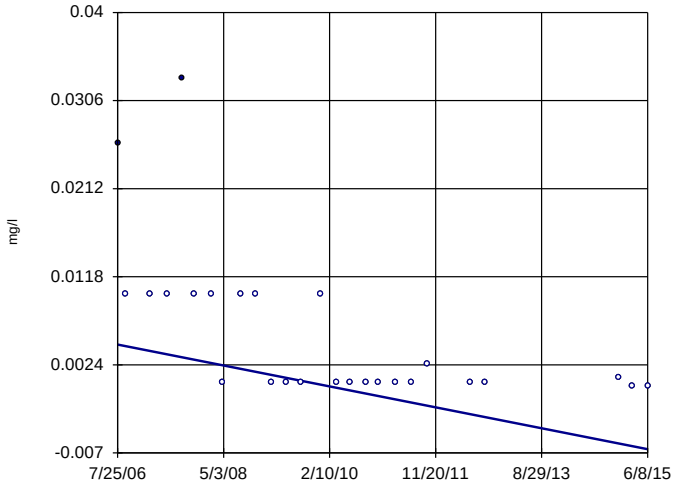
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-633D



n = 26

Slope = -0.001258 units per year.

Mann-Kendall statistic = -166
critical = -106

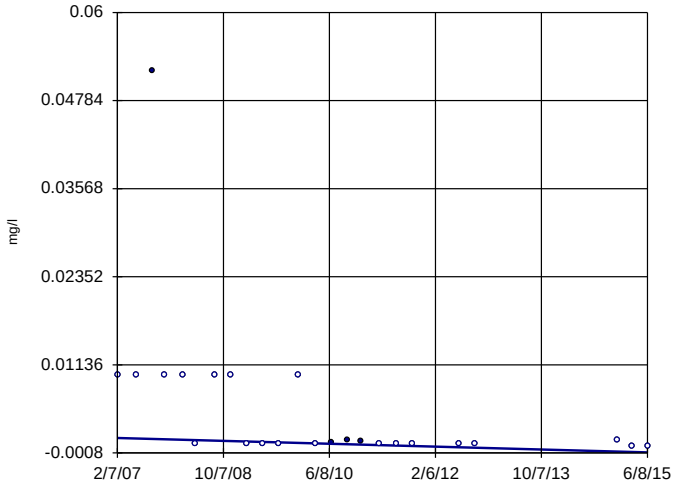
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-689D



n = 24

Slope = -0.0002387 units per year.

Mann-Kendall statistic = -134
critical = -95

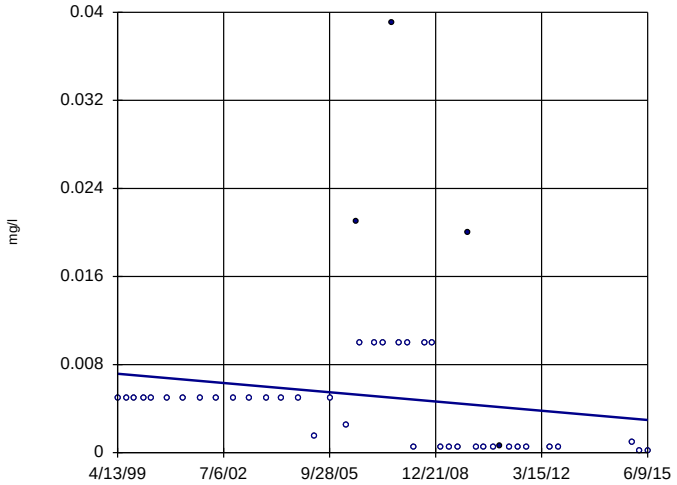
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.0002598 units per year.

Mann-Kendall normal approx. = -3.163
critical = -2.33

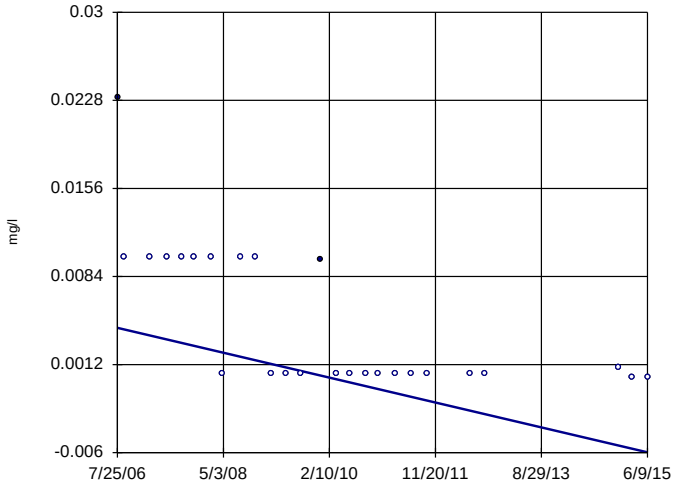
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-2



n = 26

Slope = -0.001145 units per year.

Mann-Kendall statistic = -180
critical = -106

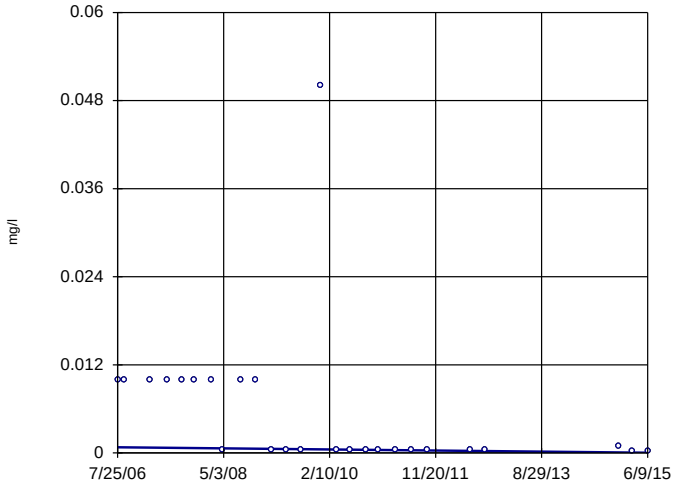
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-3



n = 26

Slope = -0.00008381 units per year.

Mann-Kendall statistic = -154
critical = -106

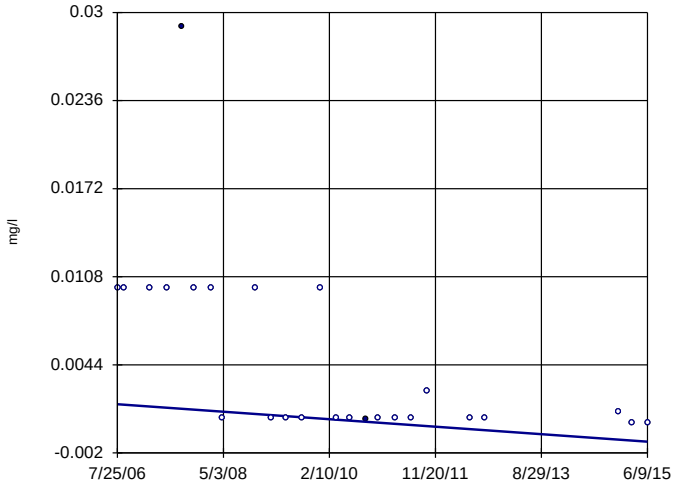
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-4



n = 25

Slope = -0.0003069 units per year.

Mann-Kendall statistic = -144
critical = -101

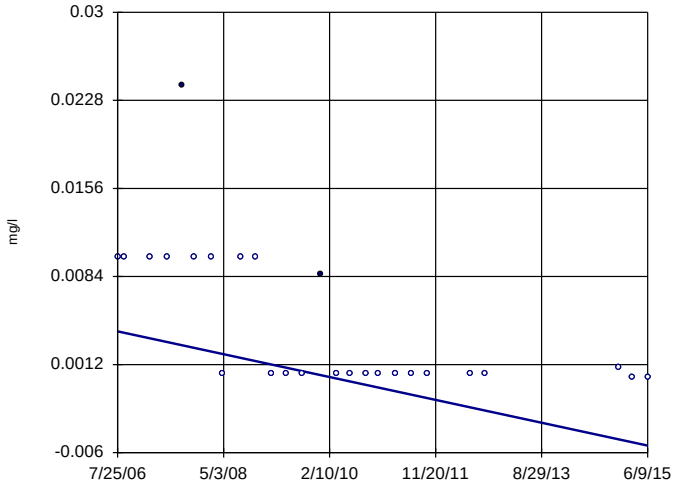
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-7



n = 26

Slope = -0.001051 units per year.

Mann-Kendall statistic = -172
critical = -106

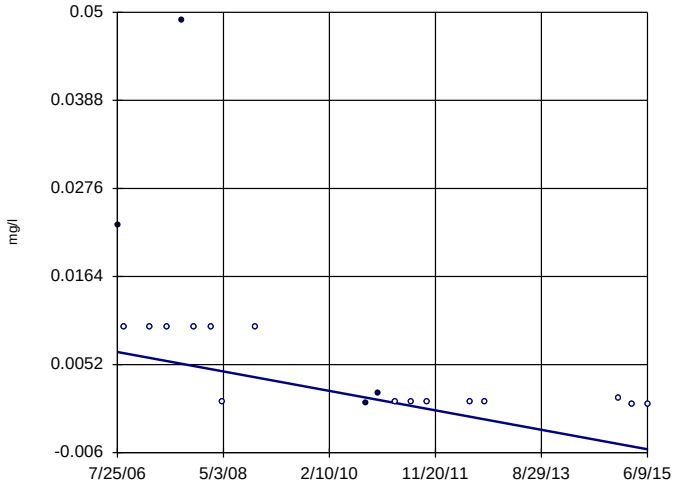
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-8



n = 19

Slope = -0.001392 units per year.

Mann-Kendall statistic = -102
critical = -68

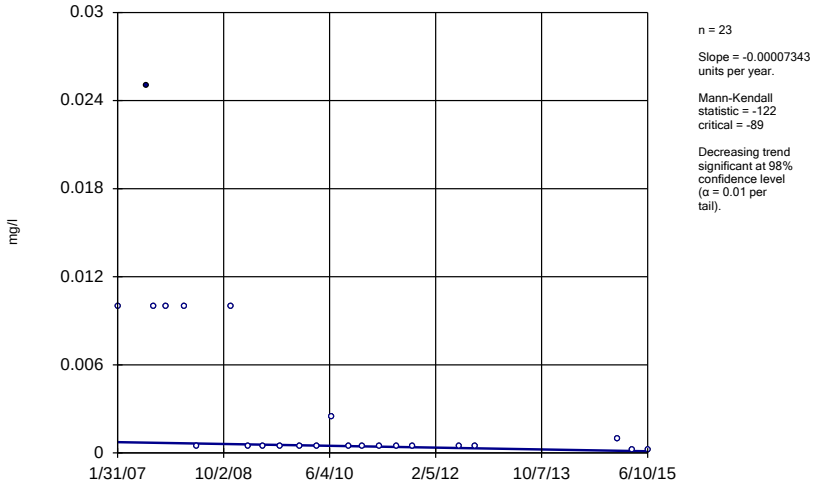
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SPRINGA



n = 23

Slope = -0.00007343 units per year.

Mann-Kendall statistic = -122
critical = -89

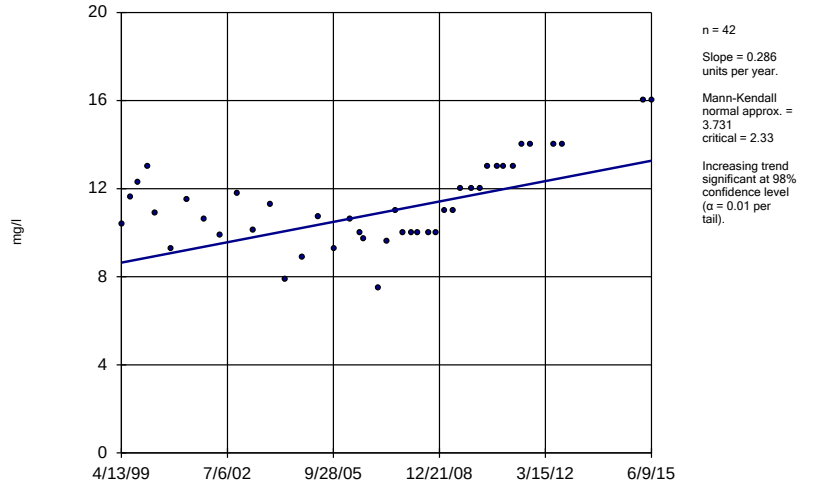
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Selenium Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-4



n = 42

Slope = 0.286 units per year.

Mann-Kendall normal approx. = 3.731
critical = 2.33

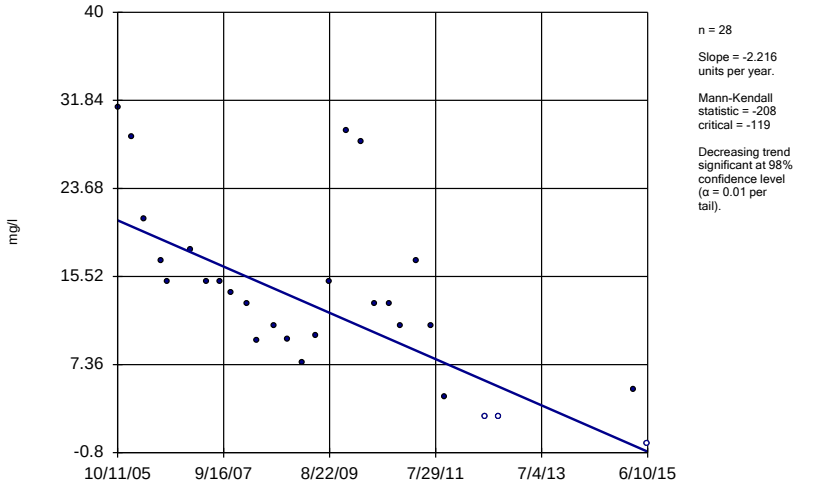
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 28

Slope = -2.216 units per year.

Mann-Kendall statistic = -208
critical = -119

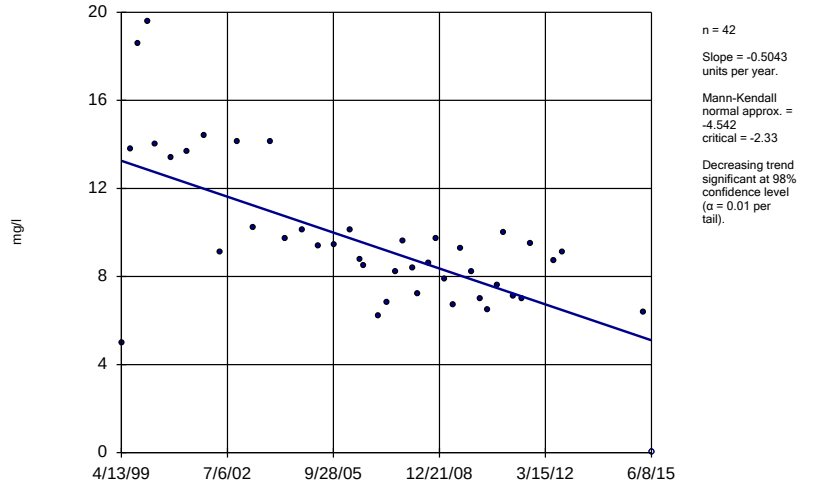
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 42

Slope = -0.5043 units per year.

Mann-Kendall normal approx. = -4.542
critical = -2.33

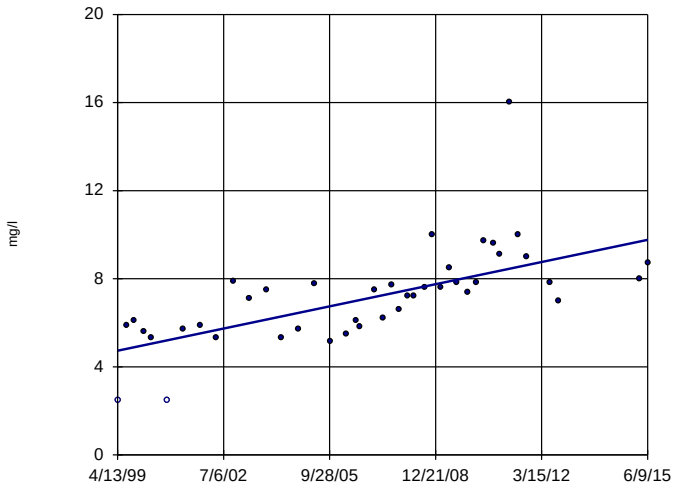
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 42

Slope = 0.311 units per year.

Mann-Kendall normal approx. = 5.337
critical = 2.33

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

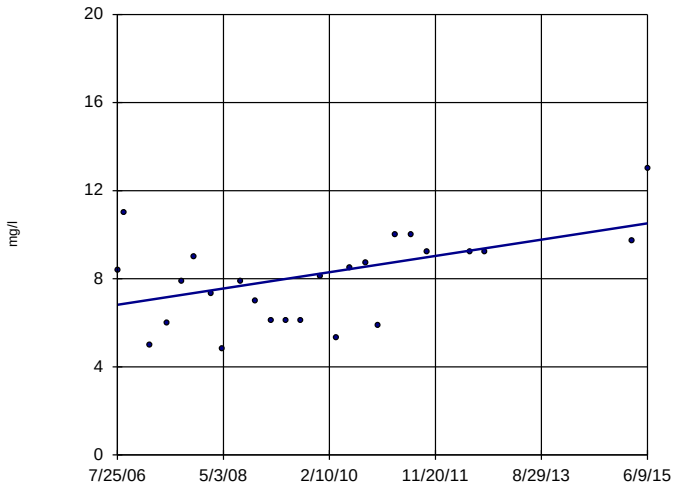
Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-509D



n = 25

Slope = 0.4164 units per year.

Mann-Kendall statistic = 102
critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

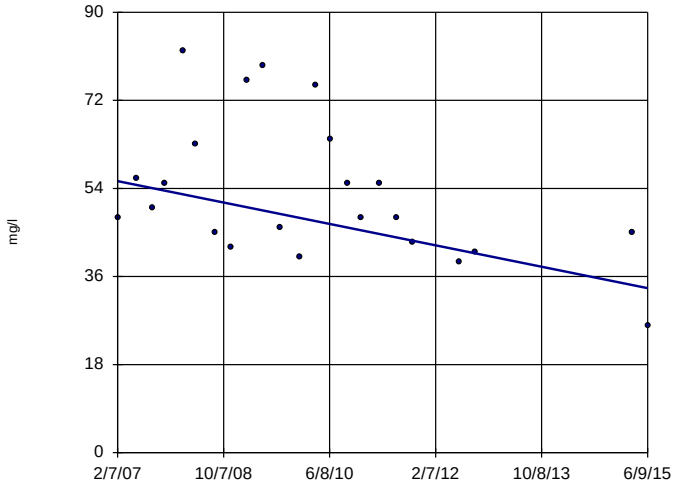
Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

MW-577



n = 23

Slope = -2.622 units per year.

Mann-Kendall statistic = -92
critical = -89

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

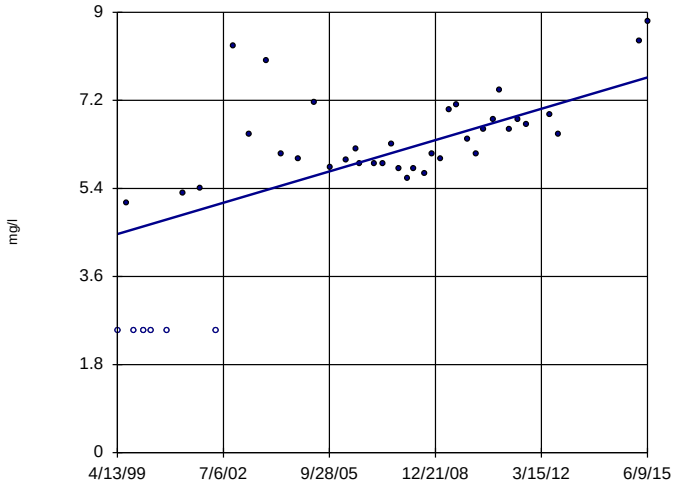
Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 42

Slope = 0.198 units per year.

Mann-Kendall normal approx. = 4.65
critical = 2.33

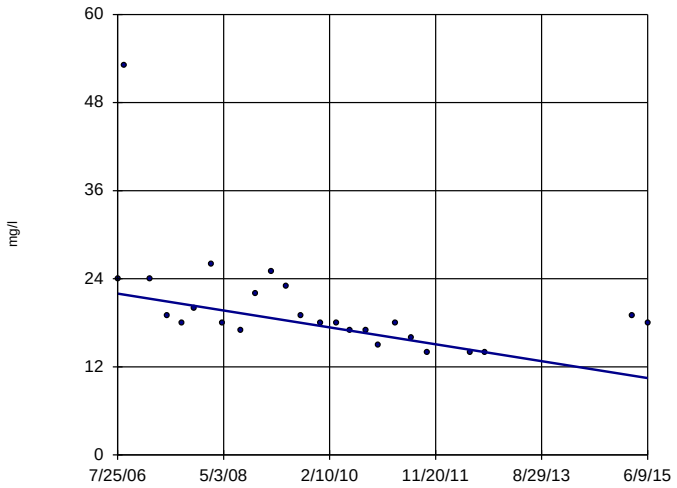
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sen's Slope Estimator

NAB-2



n = 25

Slope = -1.298 units per year.

Mann-Kendall statistic = -159
critical = -101

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

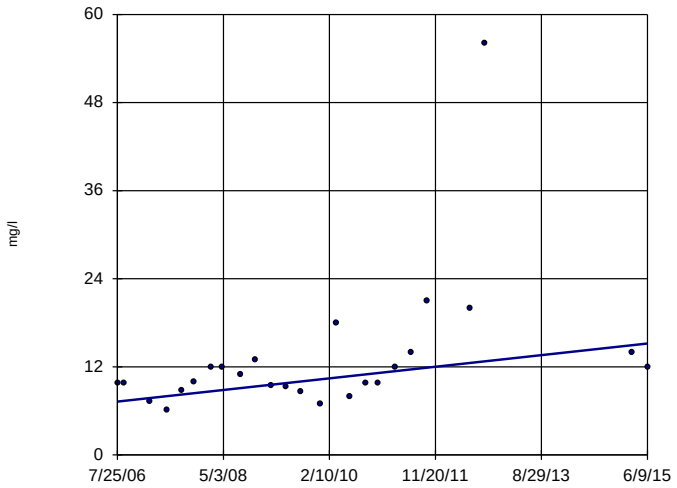
Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-3



n = 25

Slope = 0.8923 units per year.

Mann-Kendall statistic = 121
critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

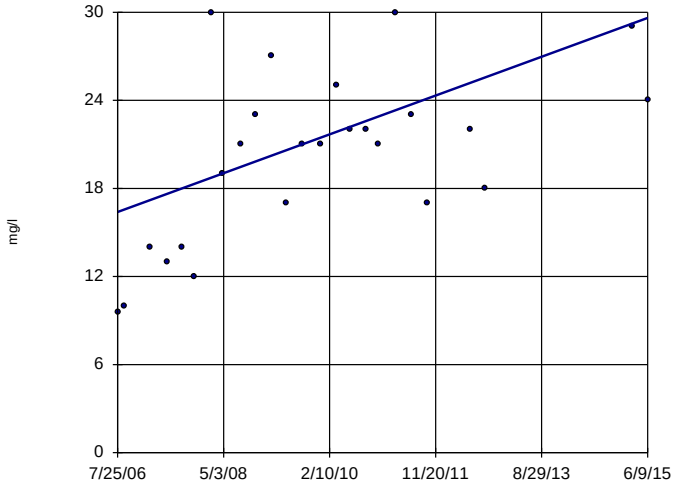
Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-7



n = 25

Slope = 1.489 units per year.

Mann-Kendall statistic = 129
critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

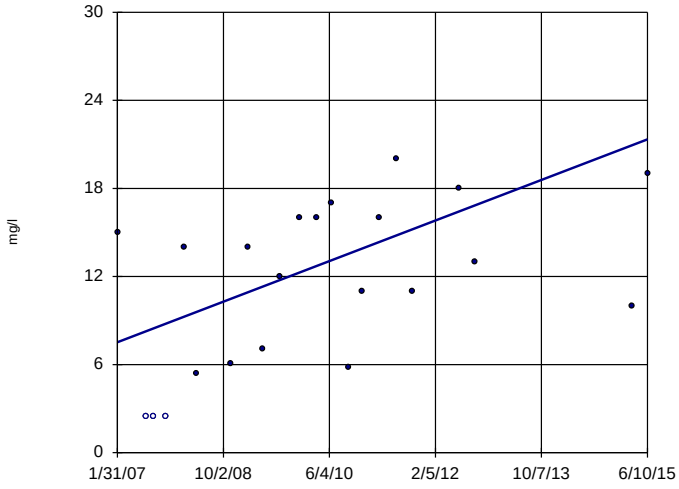
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

SPRINGA



n = 22

Slope = 1.653 units per year.

Mann-Kendall statistic = 93
critical = 84

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

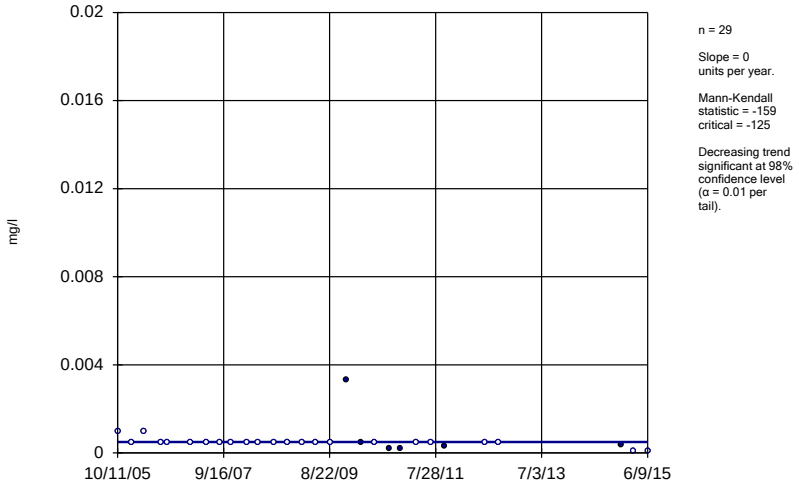
Constituent: Sulfate Analysis Run 8/17/2015 3:34 PM

NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-2



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -159
critical = -125

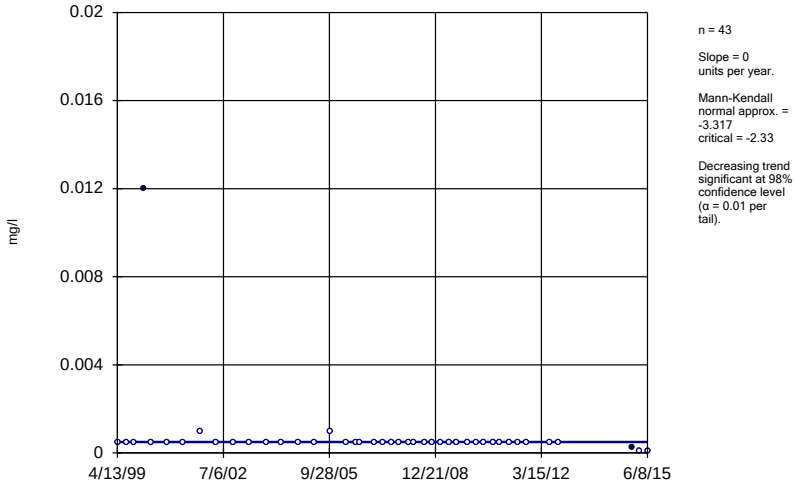
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Thallium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = 0
units per year.

Mann-Kendall
normal approx. =
-3.317
critical = -2.33

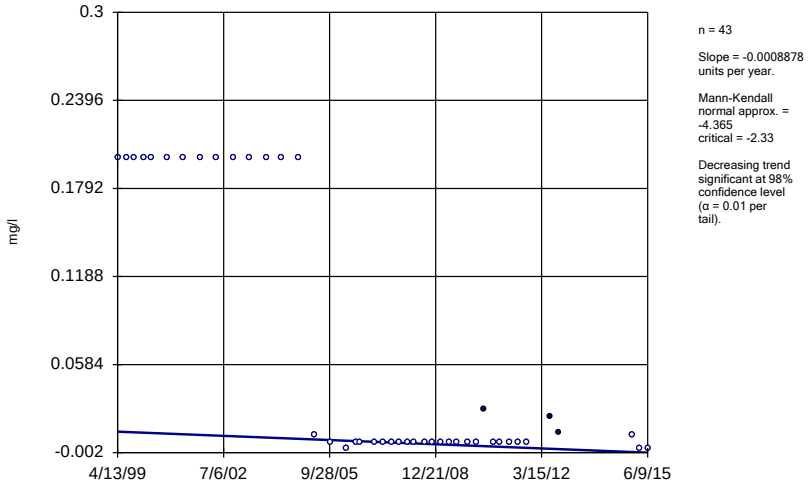
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Thallium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = -0.0008878
units per year.

Mann-Kendall
normal approx. =
-4.365
critical = -2.33

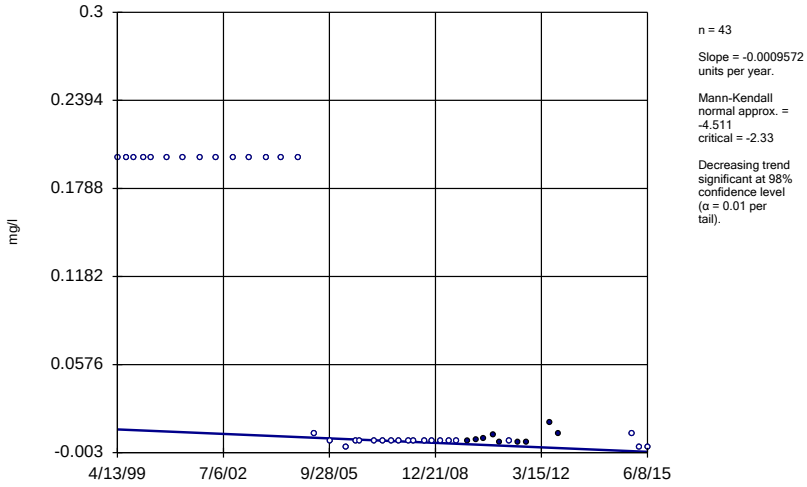
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Vanadium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = -0.0009572
units per year.

Mann-Kendall
normal approx. =
-4.511
critical = -2.33

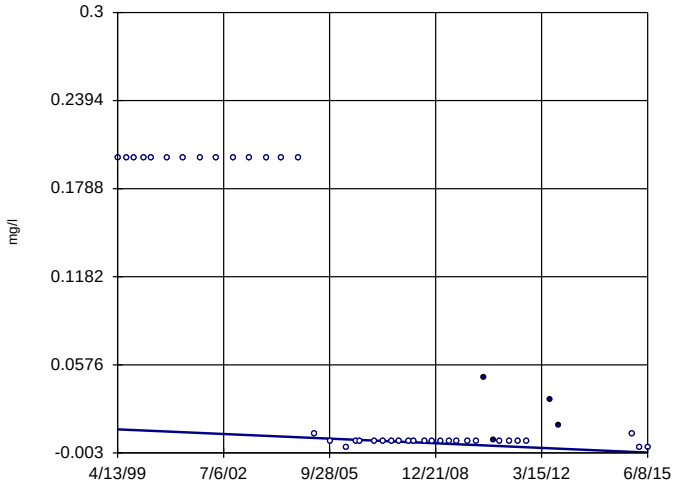
Decreasing trend
significant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Vanadium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = -0.0009865 units per year.

Mann-Kendall normal approx. = -4.189
critical = -2.33

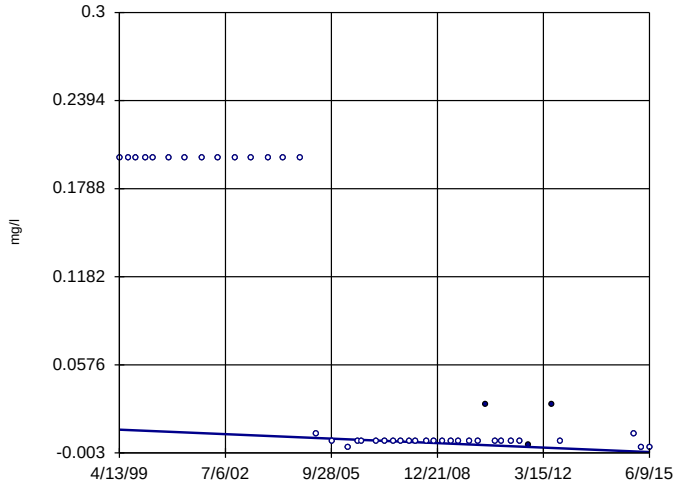
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Vanadium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = -0.0009559 units per year.

Mann-Kendall normal approx. = -4.81
critical = -2.33

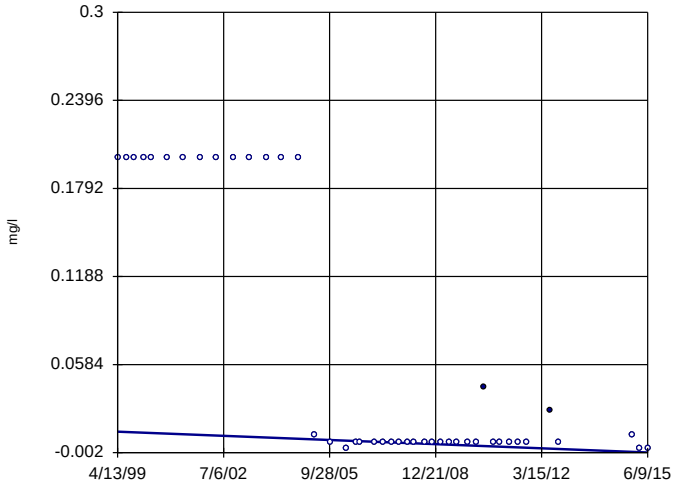
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Vanadium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = -0.0008842 units per year.

Mann-Kendall normal approx. = -4.654
critical = -2.33

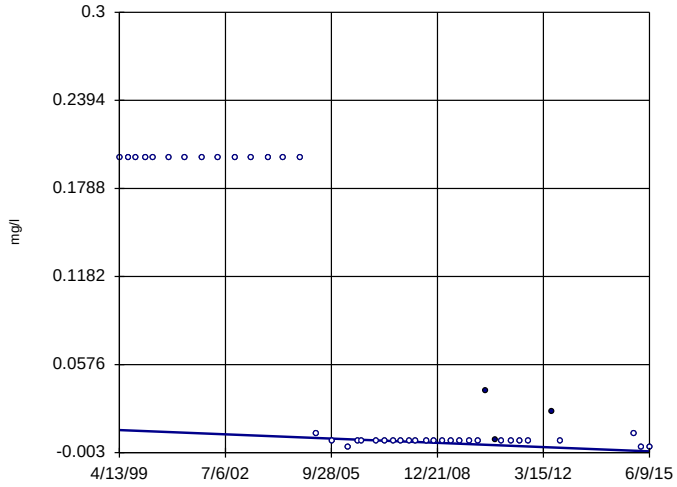
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Vanadium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-7



n = 43

Slope = -0.0009006 units per year.

Mann-Kendall normal approx. = -4.479
critical = -2.33

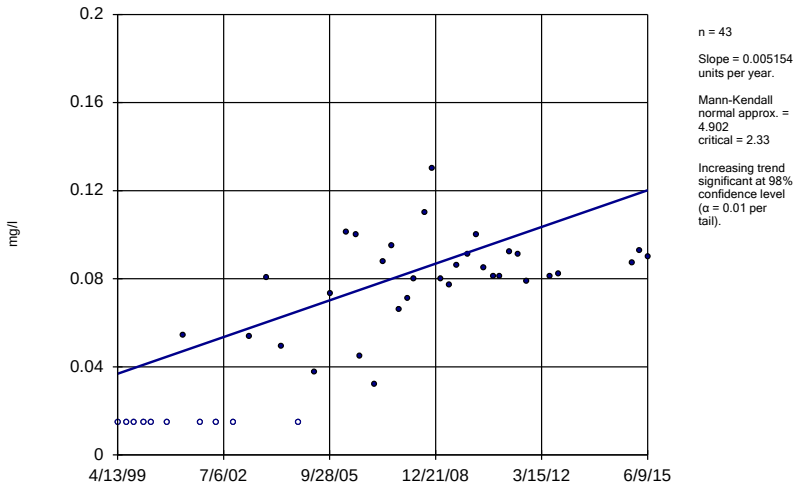
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Vanadium Analysis Run 8/17/2015 3:35 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4



n = 43

Slope = 0.005154 units per year.

Mann-Kendall normal approx. = 4.902
critical = 2.33

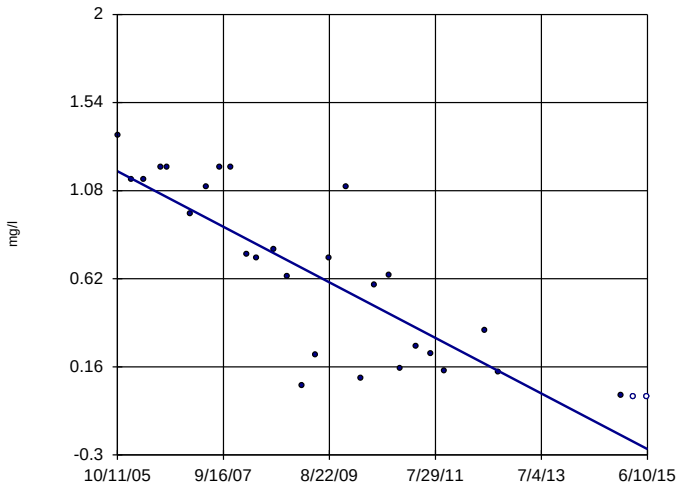
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-1



n = 29

Slope = -0.1501 units per year.

Mann-Kendall statistic = -282
critical = -125

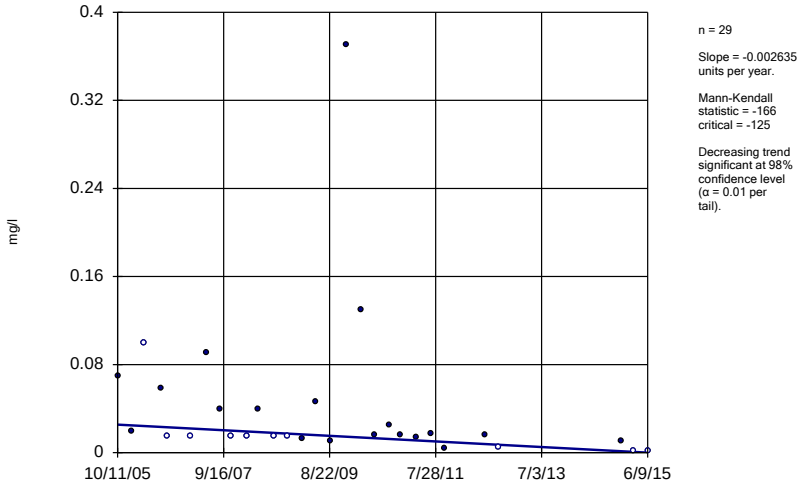
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

CAO-2



n = 29

Slope = -0.002635 units per year.

Mann-Kendall statistic = -166
critical = -125

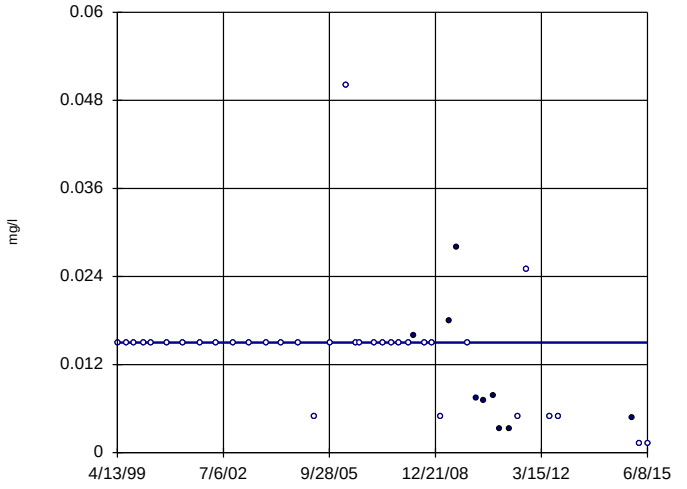
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-2



n = 43

Slope = 0 units per year.

Mann-Kendall normal approx. = -3.235
critical = -2.33

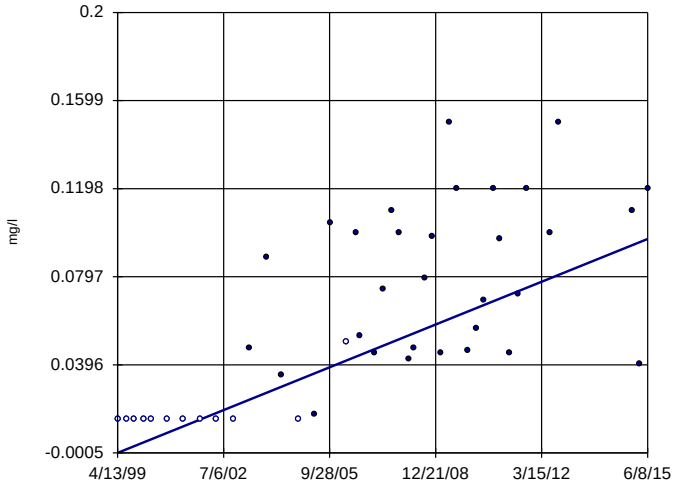
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-3



n = 43

Slope = 0.006025 units per year.

Mann-Kendall normal approx. = 4.969
critical = 2.33

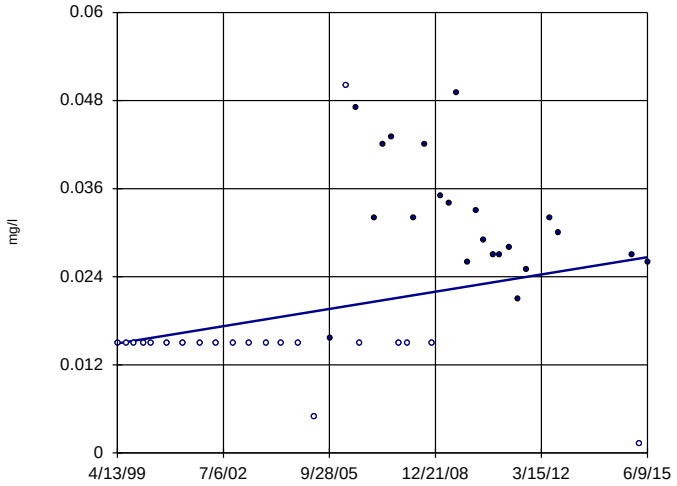
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-5



n = 43

Slope = 0.0007271 units per year.

Mann-Kendall normal approx. = 2.517
critical = 2.33

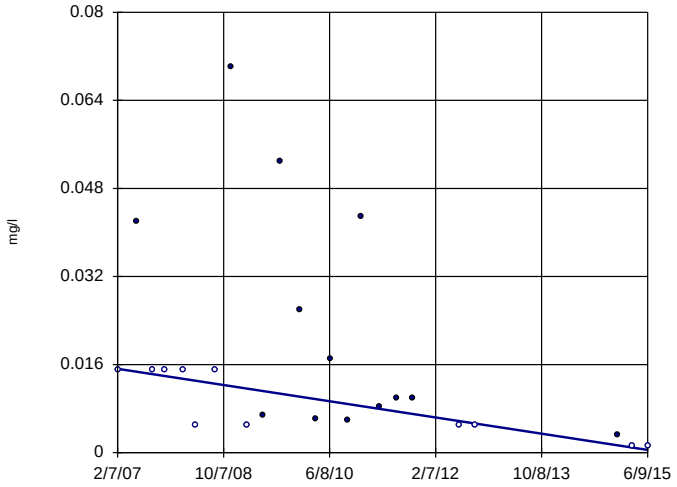
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-577



n = 24

Slope = -0.001768 units per year.

Mann-Kendall statistic = -115
critical = -95

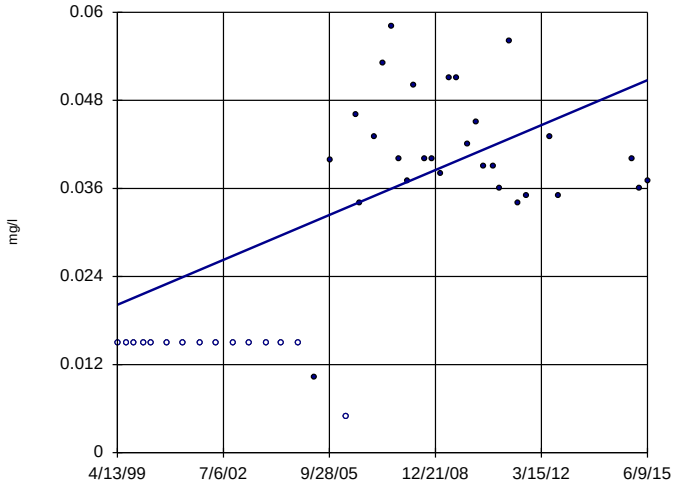
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-6



n = 43

Slope = 0.001893 units per year.

Mann-Kendall normal approx. = 3.372
critical = 2.33

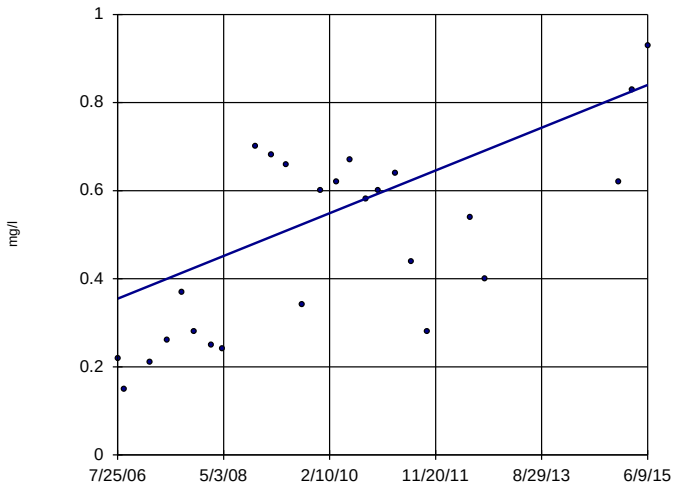
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Sen's Slope Estimator

NAB-4



n = 25

Slope = 0.05466 units per year.

Mann-Kendall statistic = 125
critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM

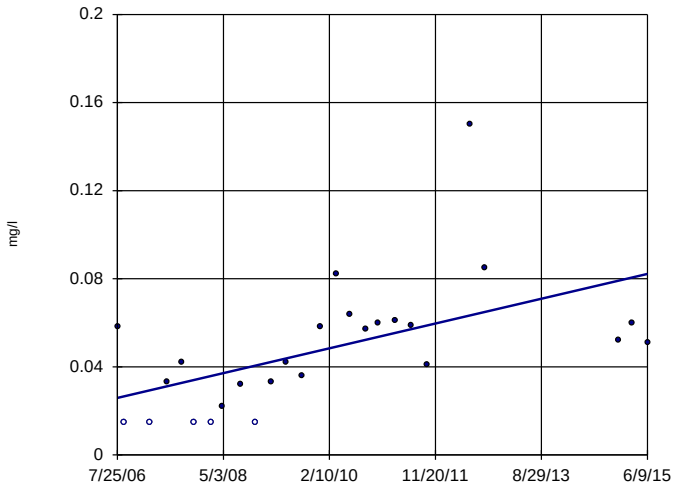
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

NAB-7



n = 26

Slope = 0.006344 units per year.

Mann-Kendall statistic = 155
critical = 106

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM

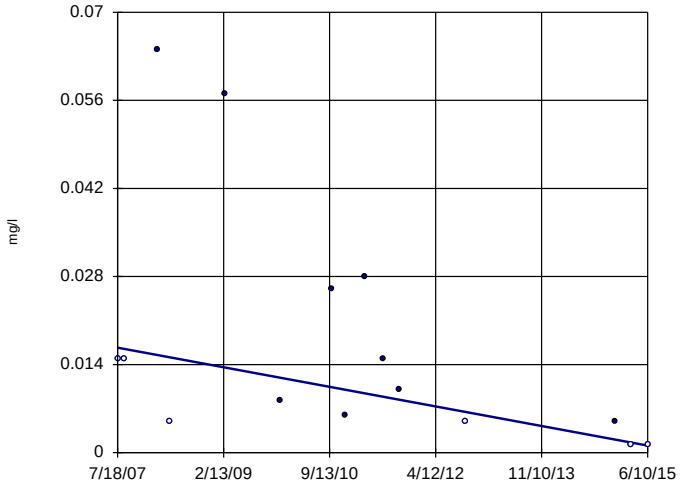
NABORS Client: SCS Engineers Data: NABORS flat

Sanitas™ v.9.5.17 Sanitas software licensed to SCS Engineers. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

SP-7



n = 15

Slope = -0.001971 units per year.

Mann-Kendall statistic = -52
critical = -48

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Zinc Analysis Run 8/17/2015 3:36 PM

NABORS Client: SCS Engineers Data: NABORS flat

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
1,1-Dichloroethane (ug/l)	NAB-1	0.5	0.5	7.2	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
1,1-Dichloroethane (ug/l)	TSP-1	0.5	0.5	7.2	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	TSP-2	0.5	0.5	7.2	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-4	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	**CAO-1**	**9.831**	**4.219**	**2.7**	**n/a**	**Yes**	**12**	**7.025**	**3.576**	**0**	**None**	**No**	**0.01**	**Param.**
1,1-Dichloroethane (ug/l)	CAO-2	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	CAO-3	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-2	6.826	0.4501	2.7	n/a	No	12	4.063	3.456	25	Cohen`s	No	0.01	Param.
1,1-Dichloroethane (ug/l)	MW-3	0.53	0.13	2.7	n/a	No	12	0.5325	0.3658	83.33	Cohen`s	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-5	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	Cohen`s	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-509D	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	Cohen`s	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-577	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	Cohen`s	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-6	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	Cohen`s	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-633D	1.312	0.5861	2.7	n/a	No	12	0.9492	0.4627	25	None	No	0.01	Param.
1,1-Dichloroethane (ug/l)	MW-689D	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	MW-7	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-2	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-3	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-4	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-7	0.5	0.13	2.7	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
1,1-Dichloroethane (ug/l)	NAB-8	0.5	0.13	2.7	n/a	No	10	0.426	0.156	100	None	No	0.011	NP (NDs)
1,1-Dichloroethane (ug/l)	SP-7	0.5	0.13	2.7	n/a	No	9	0.4178	0.1632	100	None	No	0.002	NP (NDs)
1,1-Dichloroethane (ug/l)	SPRINGA	3.1	0.13	2.7	n/a	No	12	1.583	1.268	33.33	None	No	0.01	NP (Cohens/xform)
1,1-Dichloroethane (ug/l)	TSP-3	0.5	0.13	2.7	n/a	No	6	0.3767	0.1911	100	None	No	0.0155	NP (NDs)
1,1-Dichloroethane (ug/l)	**MW-1R**	**16.44**	**10.36**	**2.7**	**n/a**	**Yes**	**5**	**13.4**	**1.817**	**0**	**None**	**No**	**0.01**	**Param.**
1,4-Dichlorobenzene (ug/l)	NAB-1	0.5	0.5	75	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
1,4-Dichlorobenzene (ug/l)	TSP-1	0.5	0.5	75	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
1,1-Dichloroethane (ug/l)	NE-2	0.5	0.13	2.7	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
1,1-Dichloroethane (ug/l)	NE-3	0.5	0.13	2.7	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
1,1-Dichloroethane (ug/l)	NE-6	0.5	0.13	2.7	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-4	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	CAO-1	0.6	0.135	75	n/a	No	12	0.4633	0.1642	83.33	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	CAO-2	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	CAO-3	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-2	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-3	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-5	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-509D	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-577	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-6	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-633D	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-689D	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-7	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-2	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-3	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-4	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-7	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NAB-8	0.5	0.135	75	n/a	No	10	0.427	0.1539	100	None	No	0.011	NP (NDs)
1,4-Dichlorobenzene (ug/l)	SP-7	0.5	0.135	75	n/a	No	9	0.4189	0.1609	100	None	No	0.002	NP (NDs)
1,4-Dichlorobenzene (ug/l)	SPRINGA	0.5	0.135	75	n/a	No	12	0.4392	0.1421	100	None	No	0.01	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
1,4-Dichlorobenzene (ug/l)	TSP-2	0.5	0.5	75	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Antimony (mg/l)	NAB-1	0.00072	0.0003	0.006	n/a	No	11	0.00057	0.0001784	63.64	None	No	0.006	NP (Cohens/xfrm)
Antimony (mg/l)	MW-4	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0002387	75	None	No	0.01	NP (Cohens/xform)
Antimony (mg/l)	CAO-1	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0002414	83.33	None	No	0.01	NP (NDs)
Antimony (mg/l)	CAO-2	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0002326	83.33	None	No	0.01	NP (NDs)
Antimony (mg/l)	CAO-3	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0002328	75	None	No	0.01	NP (normality)
Antimony (mg/l)	MW-2	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0004676	75	None	No	0.01	NP (normality)
Antimony (mg/l)	MW-3	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0002361	91.67	None	No	0.01	NP (NDs)
Antimony (mg/l)	MW-5	0.00051	0.000105	0.006	n/a	No	12	0.000...	0.0002247	75	None	No	0.01	NP (normality)
Antimony (mg/l)	MW-509D	0.00055	0.000105	0.006	n/a	No	12	0.00048	0.0002256	91.67	None	No	0.01	NP (NDs)
Antimony (mg/l)	MW-577	0.00053	0.000105	0.006	n/a	No	12	0.000...	0.0002505	75	None	No	0.01	NP (normality)
Antimony (mg/l)	MW-6	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0004003	75	None	No	0.01	NP (normality)
Antimony (mg/l)	MW-633D	0.0006	0.000105	0.006	n/a	No	12	0.000...	0.0004	66.67	None	No	0.01	NP (normality)
Antimony (mg/l)	MW-689D	0.00052	0.000105	0.006	n/a	No	12	0.000...	0.0001876	66.67	None	No	0.01	NP (normality)
Antimony (mg/l)	MW-7	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0002258	91.67	None	No	0.01	NP (NDs)
Antimony (mg/l)	NAB-2	0.0007459	0.0003158	0.006	n/a	No	12	0.000...	0.000274	75	None	No	0.01	Param.
Antimony (mg/l)	NAB-3	0.00055	0.000105	0.006	n/a	No	12	0.000...	0.0002266	83.33	None	No	0.01	NP (NDs)
Antimony (mg/l)	NAB-4	0.001	0.000105	0.006	n/a	No	12	0.000...	0.0005284	75	None	No	0.01	NP (Cohens/xform)
Antimony (mg/l)	NAB-7	0.00066	0.000105	0.006	n/a	No	12	0.00049	0.0002309	83.33	None	No	0.01	NP (NDs)
1,4-Dichlorobenzene (ug/l)	TSP-3	0.5	0.135	75	n/a	No	6	0.3783	0.1885	100	None	No	0.0155	NP (NDs)
1,4-Dichlorobenzene (ug/l)	MW-1R	1.6	0.135	75	n/a	No	5	0.574	0.6019	80	None	No	0.031	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NE-2	0.5	0.135	75	n/a	No	5	0.354	0.1999	100	None	No	0.031	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NE-3	0.5	0.135	75	n/a	No	5	0.354	0.1999	100	None	No	0.031	NP (NDs)
1,4-Dichlorobenzene (ug/l)	NE-6	0.5	0.135	75	n/a	No	5	0.354	0.1999	100	None	No	0.031	NP (NDs)
Antimony (mg/l)	TSP-1	0.0005	0.00021	0.006	n/a	No	4	0.000...	0.000145	75	None	No	0.0625	NP (normality)
Antimony (mg/l)	TSP-2	0.00092	0.0005	0.006	n/a	No	9	0.000...	0.0001389	77.78	None	No	0.002	NP (NDs)
Arsenic (mg/l)	NAB-1	0.01175	0.004306	0.01	n/a	No	11	0.008027	0.004466	0	None	No	0.01	Param.
Arsenic (mg/l)	MW-4	0.0006709	0.0002991	0.01	n/a	No	12	0.000485	0.000237	58.33	None	No	0.01	Param.
Arsenic (mg/l)	**CAO-1**	**0.03922**	**0.0167**	**0.01**	**n/a**	**Yes**	**12**	**0.02796**	**0.01435**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/l)	CAO-2	0.0067	0.0025	0.01	n/a	No	12	0.006458	0.007892	0	None	No	0.01	NP (normality)
Arsenic (mg/l)	CAO-3	0.001183	0.0003301	0.01	n/a	No	12	0.000...	0.0005437	33.33	None	No	0.01	Param.
Arsenic (mg/l)	MW-2	0.003923	0.001644	0.01	n/a	No	12	0.002783	0.001452	0	None	No	0.01	Param.
Arsenic (mg/l)	MW-3	0.001	0.00031	0.01	n/a	No	12	0.000...	0.0006203	58.33	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	MW-5	0.001	0.000125	0.01	n/a	No	12	0.000...	0.0003717	58.33	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	MW-509D	0.018	0.000125	0.01	n/a	No	12	0.007729	0.008842	16.67	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	MW-577	0.0039	0.000125	0.01	n/a	No	12	0.003346	0.004768	16.67	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	MW-6	0.0011	0.000125	0.01	n/a	No	12	0.000...	0.0004184	50	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	MW-633D	0.0013	0.000125	0.01	n/a	No	12	0.000...	0.0007498	41.67	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	MW-689D	0.012	0.000125	0.01	n/a	No	12	0.004175	0.005116	25	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	MW-7	0.0005558	0.0002792	0.01	n/a	No	12	0.000...	0.0001763	58.33	None	No	0.01	Param.
Antimony (mg/l)	NAB-8	0.00093	0.000105	0.006	n/a	No	10	0.000502	0.0002908	80	None	No	0.011	NP (NDs)
Antimony (mg/l)	SP-7	0.0031	0.000105	0.006	n/a	No	9	0.000...	0.0008996	66.67	None	No	0.002	NP (normality)
Antimony (mg/l)	SPRINGA	0.0025	0.0005	0.006	n/a	No	12	0.000...	0.0008573	75	None	No	0.01	NP (normality)
Arsenic (mg/l)	TSP-1	0.001959	-0.00009546	0.01	n/a	No	4	0.000875	0.0004787	50	Cohen`s	No	0.01	Param.
Arsenic (mg/l)	TSP-2	0.004132	0.0005402	0.01	n/a	No	9	0.002317	0.001986	11.11	None	sqrt(x)	0.01	Param.
Arsenic (mg/l)	**NAB-2**	**0.0883**	**0.02317**	**0.01**	**n/a**	**Yes**	**12**	**0.05573**	**0.0415**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/l)	NAB-3	0.00176	0.0005489	0.01	n/a	No	12	0.001113	0.00079	33.33	Cohen`s	No	0.01	Param.
Arsenic (mg/l)	NAB-4	0.01162	0.00406	0.01	n/a	No	12	0.008075	0.00541	0	None	sqrt(x)	0.01	Param.
Arsenic (mg/l)	NAB-8	0.00715	0.001039	0.01	n/a	No	10	0.0051	0.007889	10	None	ln(x)	0.01	Param.
Arsenic (mg/l)	SP-7	0.004107	0.001292	0.01	n/a	No	9	0.002699	0.001457	11.11	None	No	0.01	Param.

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/l)	SPRINGA	0.0025	0.000125	0.01	n/a	No	12	0.000...	0.0009424	66.67	None	No	0.01	NP (Cohens/xform)
Arsenic (mg/l)	TSP-3	0.001526	0.0004671	0.01	n/a	No	6	0.000...	0.0003107	50	Cohen`s	No	0.01	Param.
Arsenic (mg/l)	MW-1R	0.09516	-0.01484	0.01	n/a	No	5	0.04016	0.03282	0	None	No	0.01	Param.
Arsenic (mg/l)	NE-2	0.04975	-0.0009872	0.01	n/a	No	5	0.02438	0.01514	0	None	No	0.01	Param.
Arsenic (mg/l)	NE-3	0.016	0.000125	0.01	n/a	No	5	0.005205	0.006198	20	None	No	0.031	NP (Cohens/xform)
Arsenic (mg/l)	NE-6	0.007908	-0.005301	0.01	n/a	No	5	0.00237	0.002708	40	Cohen`s	No	0.01	Param.
Barium (mg/l)	MW-4	0.03558	0.03159	2	n/a	No	12	0.03358	0.002539	0	None	No	0.01	Param.
Barium (mg/l)	CAO-1	0.2558	0.1958	2	n/a	No	12	0.2258	0.03825	0	None	No	0.01	Param.
Barium (mg/l)	CAO-2	0.09923	0.06593	2	n/a	No	12	0.08258	0.02122	0	None	No	0.01	Param.
Barium (mg/l)	CAO-3	0.04654	0.04213	2	n/a	No	12	0.04433	0.002807	0	None	No	0.01	Param.
Barium (mg/l)	MW-2	0.03073	0.02377	2	n/a	No	12	0.02725	0.004434	0	None	No	0.01	Param.
Barium (mg/l)	MW-3	0.06291	0.04792	2	n/a	No	12	0.05542	0.009549	0	None	No	0.01	Param.
Barium (mg/l)	MW-5	0.03627	0.0329	2	n/a	No	12	0.03458	0.002151	0	None	No	0.01	Param.
Barium (mg/l)	MW-509D	0.08371	0.03315	2	n/a	No	12	0.05983	0.03631	0	None	sqrt(x)	0.01	Param.
Barium (mg/l)	MW-577	0.03134	0.02433	2	n/a	No	12	0.02783	0.004469	0	None	No	0.01	Param.
Barium (mg/l)	MW-6	0.04773	0.04294	2	n/a	No	12	0.04533	0.003055	0	None	No	0.01	Param.
Barium (mg/l)	MW-633D	0.03908	0.03659	2	n/a	No	12	0.03783	0.001586	0	None	No	0.01	Param.
Barium (mg/l)	MW-689D	0.05336	0.02888	2	n/a	No	12	0.04242	0.01927	0	None	ln(x)	0.01	Param.
Barium (mg/l)	NAB-1	0.03486	0.02964	2	n/a	No	11	0.03227	0.003259	0	None	x^(1/3)	0.01	Param.
Barium (mg/l)	TSP-1	0.1172	0.006281	2	n/a	No	4	0.06175	0.02443	0	None	No	0.01	Param.
Barium (mg/l)	TSP-2	0.1501	0.08147	2	n/a	No	9	0.1157	0.03838	0	None	sqrt(x)	0.01	Param.
Barium (mg/l)	MW-7	0.1003	0.05154	2	n/a	No	12	0.07592	0.03107	0	None	No	0.01	Param.
Barium (mg/l)	NAB-2	0.048	0.023	2	n/a	No	12	0.03042	0.009288	0	None	No	0.01	NP (normality)
Barium (mg/l)	NAB-3	0.04957	0.03909	2	n/a	No	12	0.04433	0.006679	0	None	No	0.01	Param.
Barium (mg/l)	NAB-4	0.0378	0.02681	2	n/a	No	12	0.03242	0.007391	0	None	sqrt(x)	0.01	Param.
Barium (mg/l)	NAB-7	0.02555	0.02078	2	n/a	No	12	0.02317	0.00304	0	None	No	0.01	Param.
Barium (mg/l)	NAB-8	0.062	0.033	2	n/a	No	10	0.0569	0.04098	0	None	No	0.011	NP (normality)
Barium (mg/l)	SP-7	0.06674	0.05415	2	n/a	No	9	0.06044	0.006521	0	None	No	0.01	Param.
Barium (mg/l)	SPRINGA	0.0467	0.03863	2	n/a	No	12	0.04267	0.00514	0	None	No	0.01	Param.
Barium (mg/l)	TSP-3	0.1881	0.01623	2	n/a	No	6	0.1022	0.06256	0	None	No	0.01	Param.
Barium (mg/l)	MW-1R	0.3487	0.08959	2	n/a	No	5	0.204	0.08473	0	None	sqrt(x)	0.01	Param.
Barium (mg/l)	NE-2	0.07373	-0.001333	2	n/a	No	5	0.0362	0.0224	0	None	No	0.01	Param.
Barium (mg/l)	NE-3	0.1946	0.1174	2	n/a	No	5	0.156	0.02302	0	None	No	0.01	Param.
Barium (mg/l)	NE-6	0.03465	0.02935	2	n/a	No	5	0.032	0.001581	0	None	No	0.01	Param.
Benzene (ug/l)	MW-4	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	CAO-1	3.537	1.818	5	n/a	No	12	2.678	1.095	0	None	No	0.01	Param.
Benzene (ug/l)	CAO-2	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	CAO-3	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-2	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-3	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-5	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-509D	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-577	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-6	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-633D	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	NAB-1	0.5	0.5	5	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Benzene (ug/l)	TSP-1	0.5	0.5	5	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
Benzene (ug/l)	TSP-2	0.5	0.5	5	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Beryllium (mg/l)	MW-4	0.00084	0.00006	0.004	n/a	No	12	0.000...	0.0002654	75	None	No	0.01	NP (normality)
Beryllium (mg/l)	CAO-1	0.0005	0.00006	0.004	n/a	No	12	0.000...	0.0001868	75	None	No	0.01	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/l)	CAO-2	0.0006945	0.0002855	0.004	n/a	No	12	0.00049	0.0002606	75	None	No	0.01	Param.
Beryllium (mg/l)	CAO-3	0.00085	0.00006	0.004	n/a	No	12	0.000...	0.0002659	75	None	No	0.01	NP (normality)
Beryllium (mg/l)	MW-2	0.001	0.00006	0.004	n/a	No	12	0.000...	0.0002448	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/l)	MW-3	0.001	0.00006	0.004	n/a	No	12	0.000...	0.0002398	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/l)	MW-5	0.00083	0.00006	0.004	n/a	No	12	0.000...	0.0002647	75	None	No	0.01	NP (normality)
Beryllium (mg/l)	MW-509D	0.0031	0.00006	0.004	n/a	No	12	0.00132	0.001858	25	None	No	0.01	NP (Cohens/xform)
Beryllium (mg/l)	MW-577	0.00088	0.00006	0.004	n/a	No	12	0.000...	0.0002851	75	None	No	0.01	NP (normality)
Benzene (ug/l)	MW-689D	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	MW-7	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	NAB-2	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	NAB-3	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	NAB-4	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	NAB-7	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	NAB-8	0.5	0.165	5	n/a	No	10	0.433	0.1412	100	None	No	0.011	NP (NDs)
Benzene (ug/l)	SP-7	0.5	0.165	5	n/a	No	9	0.4256	0.1477	100	None	No	0.002	NP (NDs)
Benzene (ug/l)	SPRINGA	0.5	0.165	5	n/a	No	12	0.4442	0.1304	100	None	No	0.01	NP (NDs)
Benzene (ug/l)	TSP-3	0.5	0.165	5	n/a	No	6	0.3883	0.173	100	None	No	0.0155	NP (NDs)
Benzene (ug/l)	MW-1R	1.621	-0.1146	5	n/a	No	5	0.753	0.5177	60	None	No	0.01	Param.
Benzene (ug/l)	NE-2	0.5	0.165	5	n/a	No	5	0.366	0.1835	100	None	No	0.031	NP (NDs)
Benzene (ug/l)	NE-3	0.5	0.165	5	n/a	No	5	0.366	0.1835	100	None	No	0.031	NP (NDs)
Benzene (ug/l)	NE-6	0.5	0.165	5	n/a	No	5	0.366	0.1835	100	None	No	0.031	NP (NDs)
Beryllium (mg/l)	NAB-1	0.001	0.00015	0.004	n/a	No	11	0.000...	0.0002895	72.73	None	No	0.006	NP (normality)
Beryllium (mg/l)	TSP-1	0.0005	0.0005	0.004	n/a	No	4	0.0005	0	100	None	No	0.0625	NP (NDs)
Beryllium (mg/l)	TSP-2	0.00058	0.00016	0.004	n/a	No	9	0.000...	0.0001196	77.78	None	No	0.002	NP (NDs)
Cadmium (mg/l)	MW-4	0.0009467	0.0003436	0.005	n/a	No	12	0.000...	0.00039	25	Cohen`s	No	0.01	Param.
Cadmium (mg/l)	CAO-1	0.001	0.00008	0.005	n/a	No	12	0.000...	0.0005882	66.67	None	No	0.01	NP (Cohens/xform)
Cadmium (mg/l)	CAO-2	0.00041	0.00008	0.005	n/a	No	12	0.000...	0.0001177	83.33	None	No	0.01	NP (NDs)
Cadmium (mg/l)	CAO-3	0.0009481	0.0001671	0.005	n/a	No	12	0.000...	0.000448	41.67	Cohen`s	No	0.01	Param.
Cadmium (mg/l)	MW-2	0.0005	0.00008	0.005	n/a	No	12	0.000...	0.0002193	91.67	Cohen`s	No	0.01	NP (NDs)
Beryllium (mg/l)	MW-6	0.00087	0.00006	0.004	n/a	No	12	0.000...	0.0002694	75	None	No	0.01	NP (normality)
Beryllium (mg/l)	MW-633D	0.00055	0.00006	0.004	n/a	No	12	0.000...	0.0002375	66.67	None	No	0.01	NP (normality)
Beryllium (mg/l)	MW-689D	0.0016	0.00006	0.004	n/a	No	12	0.0006	0.0006424	50	None	No	0.01	NP (Cohens/xform)
Beryllium (mg/l)	MW-7	0.001	0.00006	0.004	n/a	No	12	0.000...	0.0002383	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/l)	NAB-2	0.00056	0.00006	0.004	n/a	No	12	0.000...	0.0002397	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/l)	NAB-3	0.00051	0.00006	0.004	n/a	No	12	0.000...	0.0002396	83.33	None	No	0.01	NP (NDs)
Beryllium (mg/l)	NAB-4	0.00087	0.00006	0.004	n/a	No	12	0.000...	0.0002703	83.33	None	No	0.01	NP (NDs)
Beryllium (mg/l)	NAB-7	0.0006	0.00006	0.004	n/a	No	12	0.000...	0.0002413	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/l)	NAB-8	0.001	0.00006	0.004	n/a	No	10	0.000805	0.000994	80	None	No	0.011	NP (NDs)
Beryllium (mg/l)	SP-7	0.0005	0.00006	0.004	n/a	No	9	0.000...	0.0001995	77.78	None	No	0.002	NP (NDs)
Beryllium (mg/l)	SPRINGA	0.0005	0.00006	0.004	n/a	No	12	0.000...	0.0001802	83.33	None	No	0.01	NP (NDs)
Beryllium (mg/l)	TSP-3	0.0005	0.00006	0.004	n/a	No	6	0.000...	0.0002257	83.33	None	No	0.0155	NP (NDs)
Beryllium (mg/l)	MW-1R	0.004	0.00006	0.004	n/a	No	5	0.000956	0.001711	60	None	No	0.031	NP (Cohens/xform)
Beryllium (mg/l)	NE-2	0.0005	0.00006	0.004	n/a	No	5	0.000304	0.0002265	80	None	No	0.031	NP (NDs)
Beryllium (mg/l)	NE-3	0.0005	0.00006	0.004	n/a	No	5	0.000264	0.0002229	80	None	No	0.031	NP (NDs)
Beryllium (mg/l)	NE-6	0.0005	0.00006	0.004	n/a	No	5	0.000252	0.0002287	80	None	No	0.031	NP (NDs)
Cadmium (mg/l)	NAB-1	0.0012	0.0002	0.005	n/a	No	11	0.000...	0.0006968	54.55	None	No	0.006	NP (normality)
Cadmium (mg/l)	TSP-1	0.000757	-0.000127	0.005	n/a	No	4	0.000315	0.0001947	50	None	No	0.01	Param.
Cadmium (mg/l)	TSP-2	0.002	0.00025	0.005	n/a	No	9	0.000...	0.0005921	66.67	None	No	0.002	NP (normality)
Cadmium (mg/l)	MW-3	0.003176	0.0006965	0.005	n/a	No	12	0.002025	0.001444	16.67	Cohen`s	No	0.01	Param.
Cadmium (mg/l)	MW-5	0.0005	0.00008	0.005	n/a	No	12	0.000...	0.0001414	75	None	No	0.01	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/l)	MW-509D	0.01759	0.00431	0.005	n/a	No	12	0.0115	0.01055	0	None	sqrt(x)	0.01	Param.
Cadmium (mg/l)	MW-577	0.00043	0.00008	0.005	n/a	No	12	0.000...	0.0001178	75	None	No	0.01	NP (normality)
Cadmium (mg/l)	MW-6	0.00059	0.00008	0.005	n/a	No	12	0.000...	0.0002379	66.67	None	No	0.01	NP (Cohens/xform)
Cadmium (mg/l)	MW-633D	0.001873	0.0008969	0.005	n/a	No	12	0.001385	0.0006221	0	None	No	0.01	Param.
Cadmium (mg/l)	MW-689D	0.00051	0.00008	0.005	n/a	No	12	0.000...	0.0001841	58.33	None	No	0.01	NP (Cohens/xform)
Cadmium (mg/l)	MW-7	0.00034	0.00008	0.005	n/a	No	12	0.00025	0.000108	91.67	None	No	0.01	NP (NDs)
Cadmium (mg/l)	NAB-2	0.00034	0.00008	0.005	n/a	No	12	0.00025	0.000108	91.67	None	No	0.01	NP (NDs)
Cadmium (mg/l)	NAB-3	0.0023	0.00008	0.005	n/a	No	12	0.000...	0.0009098	33.33	None	No	0.01	NP (Cohens/xform)
Cadmium (mg/l)	NAB-4	0.003031	0.001496	0.005	n/a	No	12	0.002263	0.0009784	0	None	No	0.01	Param.
Cadmium (mg/l)	NAB-7	0.00026	0.00008	0.005	n/a	No	12	0.000...	0.0001044	91.67	None	No	0.01	NP (NDs)
Cadmium (mg/l)	NAB-8	0.00066	0.00008	0.005	n/a	No	10	0.000863	0.001952	70	None	No	0.011	NP (normality)
Cadmium (mg/l)	SP-7	0.00025	0.00008	0.005	n/a	No	9	0.000...	0.0000...	88.89	None	No	0.002	NP (NDs)
Cadmium (mg/l)	SPRINGA	0.0011	0.00008	0.005	n/a	No	12	0.00047	0.0003877	41.67	None	No	0.01	NP (Cohens/xform)
Cadmium (mg/l)	TSP-3	0.00027	0.00008	0.005	n/a	No	6	0.000...	0.0000907	83.33	None	No	0.0155	NP (NDs)
Cadmium (mg/l)	MW-1R	0.036	0.00008	0.005	n/a	No	5	0.007826	0.01577	40	None	No	0.031	NP (Cohens/xform)
Cadmium (mg/l)	NE-2	0.0007413	-0.0001133	0.005	n/a	No	5	0.000314	0.000255	60	None	No	0.01	Param.
Cadmium (mg/l)	NE-3	0.001747	-0.001136	0.005	n/a	No	5	0.000528	0.0006031	40	Cohen`s	No	0.01	Param.
Cadmium (mg/l)	NE-6	0.0009942	-0.0004575	0.005	n/a	No	5	0.00036	0.0003246	40	Cohen`s	No	0.01	Param.
Carbon disulfide (ug/l)	MW-4	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	NAB-1	0.5	0.5	810	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Carbon disulfide (ug/l)	TSP-1	0.5	0.5	810	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
Carbon disulfide (ug/l)	TSP-2	0.5	0.5	810	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Carbon disulfide (ug/l)	CAO-1	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	CAO-2	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	CAO-3	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-2	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-3	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-5	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-509D	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-577	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-6	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-633D	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-689D	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	MW-7	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	NAB-2	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	NAB-3	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	NAB-4	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	NAB-7	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	NAB-8	0.5	0.14	810	n/a	No	10	0.428	0.1518	100	None	No	0.011	NP (NDs)
Carbon disulfide (ug/l)	SP-7	0.5	0.14	810	n/a	No	9	0.42	0.1587	100	None	No	0.002	NP (NDs)
Carbon disulfide (ug/l)	TSP-3	0.5	0.14	810	n/a	No	6	0.38	0.1859	100	None	No	0.0155	NP (NDs)
Carbon disulfide (ug/l)	MW-1R	0.5	0.14	810	n/a	No	5	0.356	0.1972	100	None	No	0.031	NP (NDs)
Carbon disulfide (ug/l)	NE-2	0.5	0.14	810	n/a	No	5	0.356	0.1972	100	None	No	0.031	NP (NDs)
Carbon disulfide (ug/l)	NE-3	0.5	0.14	810	n/a	No	5	0.356	0.1972	100	None	No	0.031	NP (NDs)
Chlorobenzene (ug/l)	NAB-1	0.5	0.5	100	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Chlorobenzene (ug/l)	TSP-1	0.5	0.5	100	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
Chlorobenzene (ug/l)	TSP-2	0.5	0.5	100	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Carbon disulfide (ug/l)	NE-6	0.5	0.14	810	n/a	No	5	0.356	0.1972	100	None	No	0.031	NP (NDs)
Chlorobenzene (ug/l)	MW-4	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	CAO-1	0.6	0.175	100	n/a	No	12	0.4533	0.1503	41.67	None	No	0.01	NP (Cohens/xform)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chlorobenzene (ug/l)	CAO-2	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	CAO-3	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-2	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-3	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-5	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-509D	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-577	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-6	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-633D	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-689D	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	MW-7	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	NAB-2	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	NAB-3	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	NAB-4	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	NAB-7	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	SP-7	0.5	0.175	100	n/a	No	9	0.4278	0.1433	100	None	No	0.002	NP (NDs)
Chlorobenzene (ug/l)	SPRINGA	0.5	0.175	100	n/a	No	12	0.4458	0.1265	100	None	No	0.01	NP (NDs)
Chlorobenzene (ug/l)	TSP-3	0.5	0.175	100	n/a	No	6	0.3917	0.1678	100	None	No	0.0155	NP (NDs)
Chlorobenzene (ug/l)	MW-1R	0.91	0.175	100	n/a	No	5	0.452	0.3032	80	None	No	0.031	NP (NDs)
Chloroethane (ug/l)	NAB-1	2.5	2.5	21000	n/a	No	11	2.5	0	100	None	No	0.006	NP (NDs)
Chloroethane (ug/l)	TSP-1	2.5	2.5	21000	n/a	No	4	2.5	0	100	None	No	0.0625	NP (NDs)
Chloroethane (ug/l)	TSP-2	2.5	2.5	21000	n/a	No	9	2.5	0	100	None	No	0.002	NP (NDs)
Chloroethane (ug/l)	MW-4	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	None	No	0.01	NP (NDs)
Chloroethane (ug/l)	CAO-1	5.931	2.691	21000	n/a	No	12	2.296	1.211	41.67	Cohen`s	No	0.01	Param.
Chloroethane (ug/l)	CAO-2	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	CAO-3	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-2	2.5	0.225	21000	n/a	No	12	1.906	0.9347	83.33	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-3	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-5	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-509D	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-577	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chromium (mg/l)	NAB-1	0.005	0.0017	0.1	n/a	No	11	0.004236	0.001552	63.64	None	No	0.006	NP (normality)
Chromium (mg/l)	MW-4	0.005	0.0007	0.1	n/a	No	12	0.003842	0.001803	83.33	None	No	0.01	NP (NDs)
Chromium (mg/l)	CAO-1	0.0057	0.0007	0.1	n/a	No	12	0.0039	0.001998	66.67	None	No	0.01	NP (normality)
Chromium (mg/l)	CAO-2	0.013	0.0007	0.1	n/a	No	12	0.004483	0.003213	75	None	No	0.01	NP (normality)
Chromium (mg/l)	CAO-3	0.005	0.0007	0.1	n/a	No	12	0.004117	0.001641	83.33	None	No	0.01	NP (NDs)
Chromium (mg/l)	MW-2	0.005	0.0007	0.1	n/a	No	12	0.004008	0.001811	91.67	None	No	0.01	NP (NDs)
Chromium (mg/l)	MW-3	0.005	0.0007	0.1	n/a	No	12	0.004033	0.001778	91.67	None	No	0.01	NP (NDs)
Chromium (mg/l)	MW-5	0.005	0.0007	0.1	n/a	No	12	0.0042	0.00166	91.67	None	No	0.01	NP (NDs)
Chromium (mg/l)	MW-509D	0.028	0.0007	0.1	n/a	No	12	0.01141	0.01176	33.33	None	No	0.01	NP (Cohens/xform)
Chromium (mg/l)	MW-577	0.0054	0.0007	0.1	n/a	No	12	0.0039	0.001799	75	None	No	0.01	NP (normality)
Chromium (mg/l)	MW-6	0.005	0.0007	0.1	n/a	No	12	0.004117	0.001695	91.67	None	No	0.01	NP (NDs)
Chromium (mg/l)	MW-633D	0.0058	0.0007	0.1	n/a	No	12	0.0041	0.001729	75	None	No	0.01	NP (normality)
Chromium (mg/l)	MW-689D	0.016	0.0007	0.1	n/a	No	12	0.007392	0.007423	50	None	No	0.01	NP (Cohens/xform)
Chromium (mg/l)	MW-7	0.005	0.0007	0.1	n/a	No	12	0.004283	0.001674	100	None	No	0.01	NP (NDs)
Chromium (mg/l)	NAB-2	0.005	0.0007	0.1	n/a	No	12	0.003942	0.001704	83.33	None	No	0.01	NP (NDs)
Chromium (mg/l)	NAB-3	0.005	0.0007	0.1	n/a	No	12	0.003742	0.001886	83.33	None	No	0.01	NP (NDs)
Chromium (mg/l)	NAB-4	0.005	0.0007	0.1	n/a	No	12	0.004308	0.002195	66.67	None	No	0.01	NP (normality)
Chromium (mg/l)	NAB-7	0.005	0.0007	0.1	n/a	No	12	0.004283	0.001674	100	None	No	0.01	NP (NDs)
Chromium (mg/l)	NAB-8	0.005	0.0007	0.1	n/a	No	10	0.00945	0.0189	60	None	No	0.011	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/l)	SP-7	0.005	0.0007	0.1	n/a	No	9	0.004044	0.001896	100	None	No	0.002	NP (NDs)
Chloroethane (ug/l)	TSP-3	2.5	0.225	21000	n/a	No	6	1.742	1.175	100	Cohen`s	No	0.0155	NP (NDs)
Chloroethane (ug/l)	MW-1R	2.5	0.225	21000	n/a	No	5	1.53	1.198	80	Cohen`s	No	0.031	NP (NDs)
Chloroethane (ug/l)	NE-2	2.5	0.225	21000	n/a	No	5	1.59	1.246	100	Cohen`s	No	0.031	NP (NDs)
Chloroethane (ug/l)	NE-3	2.5	0.225	21000	n/a	No	5	1.59	1.246	100	Cohen`s	No	0.031	NP (NDs)
Chloroethane (ug/l)	NE-6	2.5	0.225	21000	n/a	No	5	1.59	1.246	100	Cohen`s	No	0.031	NP (NDs)
Chromium (mg/l)	TSP-1	0.005	0.0018	0.1	n/a	No	4	0.0042	0.0016	75	None	No	0.0625	NP (normality)
Chromium (mg/l)	TSP-2	0.007	0.0019	0.1	n/a	No	9	0.004867	0.001381	55.56	None	No	0.002	NP (Cohens/xfrm)
cis-1,2-Dichloroethene (ug/l)	NAB-1	0.5	0.5	70	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Chromium (mg/l)	SPRINGA	0.005	0.0007	0.1	n/a	No	12	0.004283	0.001674	100	None	No	0.01	NP (NDs)
Chromium (mg/l)	TSP-3	0.005	0.0007	0.1	n/a	No	6	0.003167	0.002125	83.33	None	No	0.0155	NP (NDs)
Chromium (mg/l)	MW-1R	0.065	0.0007	0.1	n/a	No	5	0.01496	0.02803	60	None	No	0.031	NP (Cohens/xform)
Chromium (mg/l)	NE-2	0.016	0.0007	0.1	n/a	No	5	0.00548	0.006262	80	None	No	0.031	NP (NDs)
Chromium (mg/l)	NE-3	0.05	0.0007	0.1	n/a	No	5	0.01192	0.02136	60	None	No	0.031	NP (Cohens/xform)
Chromium (mg/l)	NE-6	0.005	0.0007	0.1	n/a	No	5	0.00328	0.002355	100	None	No	0.031	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-4	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	CAO-2	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	CAO-3	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-2	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-3	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-5	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-509D	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-577	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-6	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-633D	0.5	0.13	70	n/a	No	12	0.4333	0.1427	91.67	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-689D	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-7	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-2	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-3	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-4	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	TSP-1	0.5	0.5	70	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	TSP-2	0.5	0.5	70	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Cobalt (mg/l)	NAB-1	0.005	0.0021	0.011	n/a	No	11	0.004582	0.0009683	81.82	None	No	0.006	NP (NDs)
Cobalt (mg/l)	MW-4	0.005	0.00115	0.011	n/a	No	12	0.004358	0.001499	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	**CAO-1**	**0.05391**	**0.02393**	**0.011**	**n/a**	**Yes**	**12**	**0.03892**	**0.0191**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/l)	CAO-2	0.019	0.00115	0.011	n/a	No	12	0.004667	0.004783	58.33	None	No	0.01	NP (Cohens/xform)
Cobalt (mg/l)	CAO-3	0.005	0.00115	0.011	n/a	No	12	0.004358	0.001499	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	MW-2	0.005	0.00115	0.011	n/a	No	12	0.004092	0.001651	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/l)	MW-3	0.005	0.00115	0.011	n/a	No	12	0.004358	0.001499	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	MW-5	0.005	0.00115	0.011	n/a	No	12	0.004133	0.001593	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/l)	MW-509D	0.007	0.00115	0.011	n/a	No	12	0.004883	0.003367	58.33	None	No	0.01	NP (Cohens/xform)
Cobalt (mg/l)	MW-577	0.005	0.00115	0.011	n/a	No	12	0.004358	0.001499	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	MW-6	0.005	0.00115	0.011	n/a	No	12	0.004358	0.001499	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	MW-633D	0.005	0.00115	0.011	n/a	No	12	0.004358	0.001499	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	MW-689D	0.005	0.00115	0.011	n/a	No	12	0.003225	0.001643	58.33	None	No	0.01	NP (normality)
Cobalt (mg/l)	MW-7	0.012	0.00115	0.011	n/a	No	12	0.00525	0.00376	50	None	No	0.01	NP (Cohens/xform)
cis-1,2-Dichloroethene (ug/l)	NAB-7	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NAB-8	0.5	0.13	70	n/a	No	10	0.426	0.156	100	None	No	0.011	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	SP-7	0.5	0.13	70	n/a	No	9	0.4178	0.1632	100	None	No	0.002	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	SPRINGA	0.5	0.13	70	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/l)	NAB-1	0.004	0.00094	1.3	n/a	No	11	0.00254	0.002654	54.55	None	No	0.006	NP (normality)
Copper (mg/l)	TSP-1	0.002	0.00088	1.3	n/a	No	4	0.00122	0.0005231	50	None	No	0.0625	NP (normality)
Copper (mg/l)	TSP-2	0.0043	0.0007	1.3	n/a	No	9	0.002003	0.001435	22.22	None	No	0.002	NP (Cohens/xfrm)
Copper (mg/l)	MW-689D	0.022	0.00026	1.3	n/a	No	12	0.006393	0.008496	33.33	None	No	0.01	NP (Cohens/xform)
Copper (mg/l)	MW-7	0.001512	0.0005813	1.3	n/a	No	12	0.001047	0.0005931	58.33	None	No	0.01	Param.
Copper (mg/l)	NAB-2	0.0025	0.00026	1.3	n/a	No	12	0.001143	0.0008444	66.67	None	No	0.01	NP (Cohens/xform)
Copper (mg/l)	NAB-3	0.004847	0.001484	1.3	n/a	No	12	0.00187	0.001354	25	Cohen`s	No	0.01	Param.
Copper (mg/l)	NAB-4	0.00711	0.00259	1.3	n/a	No	12	0.001729	0.001371	50	Cohen`s	No	0.01	Param.
Copper (mg/l)	NAB-7	0.0025	0.00026	1.3	n/a	No	12	0.000...	0.0005732	83.33	Cohen`s	No	0.01	NP (NDs)
Copper (mg/l)	NAB-8	0.0025	0.00026	1.3	n/a	No	10	0.006483	0.01671	40	None	No	0.011	NP (normality)
Copper (mg/l)	SP-7	0.0027	0.001094	1.3	n/a	No	9	0.001009	0.0005852	44.44	Cohen`s	No	0.01	Param.
Copper (mg/l)	TSP-3	0.0046	0.00026	1.3	n/a	No	6	0.001282	0.00166	33.33	None	No	0.0155	NP (Cohens/xform)
Copper (mg/l)	MW-1R	0.071	0.00026	1.3	n/a	No	5	0.01484	0.0314	60	None	No	0.031	NP (Cohens/xform)
Copper (mg/l)	NE-2	0.01098	-0.006293	1.3	n/a	No	5	0.003644	0.00364	40	Cohen`s	No	0.01	Param.
Copper (mg/l)	NE-3	0.019	0.00026	1.3	n/a	No	5	0.004236	0.008259	60	None	No	0.031	NP (Cohens/xform)
Copper (mg/l)	NE-6	0.0025	0.00026	1.3	n/a	No	5	0.001004	0.0009145	100	None	No	0.031	NP (NDs)
Cyanide (mg/l)	MW-4	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	CAO-1	0.0025	0.0009	200	n/a	No	11	0.002091	0.0007049	90.91	None	No	0.006	NP (NDs)
Cyanide (mg/l)	CAO-2	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	CAO-3	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	MW-2	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	MW-3	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	MW-5	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	MW-509D	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Ethylbenzene (ug/l)	NAB-1	0.5	0.5	700	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Ethylbenzene (ug/l)	TSP-1	0.5	0.5	700	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
Ethylbenzene (ug/l)	TSP-2	0.5	0.5	700	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Lead (mg/l)	MW-4	0.001	0.00043	0.015	n/a	No	12	0.00127	0.002323	58.33	None	No	0.01	NP (normality)
Lead (mg/l)	CAO-1	0.01	0.00041	0.015	n/a	No	12	0.002803	0.003515	25	None	No	0.01	NP (Cohens/xform)
Lead (mg/l)	CAO-2	0.012	0.0005	0.015	n/a	No	12	0.006761	0.01159	16.67	None	No	0.01	NP (Cohens/xform)
Lead (mg/l)	CAO-3	0.0081	0.00045	0.015	n/a	No	12	0.002404	0.002899	16.67	None	No	0.01	NP (Cohens/xform)
Ethylbenzene (ug/l)	MW-5	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-509D	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-577	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-6	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-633D	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-689D	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-7	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	NAB-2	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	NAB-3	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	NAB-4	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	NAB-7	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	NAB-8	0.5	0.19	700	n/a	No	10	0.438	0.1307	100	None	No	0.011	NP (NDs)
Ethylbenzene (ug/l)	SP-7	0.5	0.19	700	n/a	No	9	0.4311	0.1367	100	None	No	0.002	NP (NDs)
Ethylbenzene (ug/l)	SPRINGA	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	TSP-3	0.5	0.19	700	n/a	No	6	0.3967	0.1601	100	None	No	0.0155	NP (NDs)
Ethylbenzene (ug/l)	MW-1R	0.5	0.19	700	n/a	No	5	0.376	0.1698	100	None	No	0.031	NP (NDs)
Ethylbenzene (ug/l)	NE-3	0.5	0.19	700	n/a	No	5	0.376	0.1698	100	None	No	0.031	NP (NDs)
Ethylbenzene (ug/l)	NE-6	0.5	0.19	700	n/a	No	5	0.376	0.1698	100	None	No	0.031	NP (NDs)
Mercury (mg/l)	NAB-1	0.0001	0.00003	200	n/a	No	11	0.000...	0.0000...	90.91	None	No	0.006	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/l)	TSP-1	0.0005097	-0.0001602	200	n/a	No	4	0.00007	0.0000...	50	Cohen`s	No	0.01	Param.
Mercury (mg/l)	TSP-2	0.0001	0.00002	200	n/a	No	9	0.000...	0.0000...	55.56	None	No	0.002	NP (normality)
Mercury (mg/l)	CAO-1	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/l)	CAO-2	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	83.33	None	No	0.01	NP (NDs)
Mercury (mg/l)	CAO-3	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	100	None	No	0.01	NP (NDs)
Mercury (mg/l)	MW-2	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/l)	MW-3	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/l)	MW-5	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	83.33	None	No	0.01	NP (NDs)
Mercury (mg/l)	MW-509D	0.00015	0.0000245	200	n/a	No	12	0.000...	0.0000...	66.67	None	No	0.01	NP (Cohens/xform)
Mercury (mg/l)	MW-577	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/l)	MW-6	0.0004396	0.00004709	200	n/a	No	12	0.000...	0.0002236	33.33	Cohen`s	No	0.01	Param.
Mercury (mg/l)	MW-633D	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	Cohen`s	No	0.01	NP (NDs)
Mercury (mg/l)	MW-689D	0.00012	0.0000245	200	n/a	No	12	0.000...	0.0000...	66.67	None	No	0.01	NP (normality)
Mercury (mg/l)	MW-7	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/l)	NAB-2	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/l)	NAB-3	0.0002642	0.0001029	200	n/a	No	12	0.000...	0.0000...	41.67	Cohen`s	No	0.01	Param.
Mercury (mg/l)	NAB-4	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	83.33	Cohen`s	No	0.01	NP (NDs)
Mercury (mg/l)	NAB-8	0.0001	0.0000245	200	n/a	No	10	0.000...	0.0000...	90	Cohen`s	No	0.011	NP (NDs)
Mercury (mg/l)	SP-7	0.0001	0.0000245	200	n/a	No	9	0.000...	0.0000...	88.89	Cohen`s	No	0.002	NP (NDs)
Mercury (mg/l)	SPRINGA	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	83.33	Cohen`s	No	0.01	NP (NDs)
Mercury (mg/l)	TSP-3	0.0001	0.0000245	200	n/a	No	6	0.000...	0.0000...	100	Cohen`s	No	0.0155	NP (NDs)
Mercury (mg/l)	MW-1R	0.007	0.0001	200	n/a	No	5	0.002138	0.002784	20	None	No	0.031	NP (Cohens/xform)
Nickel (mg/l)	NAB-1	0.015	0.0066	0.039	n/a	No	11	0.01085	0.003114	27.27	None	No	0.006	NP (Cohens/xfrm)
Nickel (mg/l)	MW-4	0.01	0.00245	0.039	n/a	No	12	0.008742	0.002939	91.67	None	No	0.01	NP (NDs)
Nickel (mg/l)	CAO-1	0.05587	0.02213	0.039	n/a	No	12	0.039	0.0215	8.333	None	No	0.01	Param.
Nickel (mg/l)	CAO-2	0.012	0.00245	0.039	n/a	No	12	0.009908	0.00653	58.33	None	No	0.01	NP (Cohens/xform)
Nickel (mg/l)	CAO-3	0.011	0.00245	0.039	n/a	No	12	0.008825	0.002991	91.67	None	No	0.01	NP (NDs)
Nickel (mg/l)	MW-2	0.011	0.00245	0.039	n/a	No	12	0.008908	0.003041	83.33	None	No	0.01	NP (NDs)
Nickel (mg/l)	MW-3	0.017	0.0066	0.039	n/a	No	12	0.01063	0.005352	66.67	None	No	0.01	NP (normality)
Nickel (mg/l)	MW-5	0.01	0.00245	0.039	n/a	No	12	0.008592	0.002901	83.33	None	No	0.01	NP (NDs)
Nickel (mg/l)	MW-509D	0.01714	0.006508	0.039	n/a	No	12	0.01182	0.006776	58.33	None	No	0.01	Param.
Nickel (mg/l)	MW-577	0.011	0.00245	0.039	n/a	No	12	0.008417	0.002968	75	None	No	0.01	NP (normality)
Nickel (mg/l)	MW-6	0.01	0.00245	0.039	n/a	No	12	0.008542	0.003189	75	None	No	0.01	NP (normality)
Nickel (mg/l)	MW-633D	0.016	0.00245	0.039	n/a	No	12	0.009133	0.003602	83.33	None	No	0.01	NP (NDs)
Nickel (mg/l)	MW-689D	0.01	0.00245	0.039	n/a	No	12	0.008433	0.003209	50	None	No	0.01	NP (Cohens/xform)
Nickel (mg/l)	MW-7	0.029	0.00245	0.039	n/a	No	12	0.01502	0.01441	33.33	None	No	0.01	NP (Cohens/xform)
Nickel (mg/l)	NAB-2	0.016	0.00245	0.039	n/a	No	12	0.009058	0.003621	83.33	None	No	0.01	NP (NDs)
Nickel (mg/l)	NAB-3	0.011	0.00245	0.039	n/a	No	12	0.008908	0.003041	83.33	None	No	0.01	NP (NDs)
Nickel (mg/l)	NAB-4	0.0219	0.01195	0.039	n/a	No	12	0.01097	0.005273	33.33	Cohen`s	No	0.01	Param.
Nickel (mg/l)	NAB-7	0.02105	0.008399	0.039	n/a	No	12	0.008508	0.003994	33.33	Cohen`s	No	0.01	Param.
Nickel (mg/l)	NAB-8	0.013	0.00245	0.039	n/a	No	10	0.01175	0.01187	70	None	No	0.011	NP (Cohens/xform)
Nickel (mg/l)	SP-7	0.01	0.00245	0.039	n/a	No	9	0.0083	0.003317	88.89	None	No	0.002	NP (NDs)
Methylene Chloride (ug/l)	TSP-3	2.5	0.5	5	n/a	No	6	1.833	1.033	100	None	No	0.0155	NP (NDs)
Methylene Chloride (ug/l)	MW-1R	2.5	0.5	5	n/a	No	5	1.7	1.095	100	None	No	0.031	NP (NDs)
Methylene Chloride (ug/l)	NE-2	2.5	0.5	5	n/a	No	5	1.7	1.095	100	None	No	0.031	NP (NDs)
Methylene Chloride (ug/l)	NE-3	2.5	0.5	5	n/a	No	5	1.7	1.095	100	None	No	0.031	NP (NDs)
Selenium (mg/l)	TSP-1	0.0005	0.0005	0.05	n/a	No	4	0.0005	0	100	None	No	0.0625	NP (NDs)
Selenium (mg/l)	TSP-2	0.00054	0.0005	0.05	n/a	No	9	0.000...	0.0000...	88.89	None	No	0.002	NP (NDs)
Silver (mg/l)	NAB-1	0.005	0.0036	0.094	n/a	No	11	0.004755	0.0005466	81.82	None	No	0.006	NP (NDs)
Selenium (mg/l)	NAB-7	0.001	0.00019	0.05	n/a	No	12	0.00049	0.0002002	100	None	No	0.01	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/l)	NAB-8	0.001	0.00019	0.05	n/a	No	10	0.000577	0.0003937	80	None	No	0.011	NP (NDs)
Selenium (mg/l)	SP-7	0.001	0.00019	0.05	n/a	No	9	0.000...	0.0002368	77.78	None	No	0.002	NP (NDs)
Selenium (mg/l)	SPRINGA	0.001	0.00019	0.05	n/a	No	12	0.000...	0.0006141	100	None	No	0.01	NP (NDs)
Selenium (mg/l)	TSP-3	0.001	0.00019	0.05	n/a	No	6	0.00048	0.0002966	100	None	No	0.0155	NP (NDs)
Selenium (mg/l)	MW-1R	0.0005	0.00019	0.05	n/a	No	5	0.000376	0.0001698	80	None	No	0.031	NP (NDs)
Selenium (mg/l)	NE-2	0.001894	-0.0004779	0.05	n/a	No	5	0.000708	0.0007077	60	None	No	0.01	Param.
Selenium (mg/l)	NE-3	0.0013	0.00019	0.05	n/a	No	5	0.000636	0.0004974	80	None	No	0.031	NP (NDs)
Selenium (mg/l)	NE-6	0.001	0.00019	0.05	n/a	No	5	0.000476	0.0003314	100	None	No	0.031	NP (NDs)
Silver (mg/l)	MW-4	0.005	0.0014	0.094	n/a	No	12	0.004358	0.001389	91.67	None	No	0.01	NP (NDs)
Silver (mg/l)	CAO-1	0.028	0.0014	0.094	n/a	No	12	0.006258	0.006983	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	CAO-2	0.0068	0.0014	0.094	n/a	No	12	0.004408	0.001591	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	CAO-3	0.005	0.0014	0.094	n/a	No	12	0.0044	0.001401	100	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-2	0.005	0.0014	0.094	n/a	No	12	0.004108	0.001434	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-3	0.005	0.0014	0.094	n/a	No	12	0.004275	0.00141	91.67	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-5	0.0067	0.0014	0.094	n/a	No	12	0.004492	0.001539	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-509D	0.077	0.0014	0.094	n/a	No	12	0.0104	0.02102	91.67	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-577	0.006	0.0014	0.094	n/a	No	12	0.004367	0.001479	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-6	0.005	0.0014	0.094	n/a	No	12	0.004208	0.001387	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-633D	0.0076	0.0014	0.094	n/a	No	12	0.004583	0.001672	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-689D	0.005	0.0014	0.094	n/a	No	12	0.0044	0.001401	100	None	No	0.01	NP (NDs)
Silver (mg/l)	MW-7	0.005	0.0014	0.094	n/a	No	12	0.004292	0.001401	91.67	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	NAB-1	0.5	0.5	5	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Tetrachloroethene (ug/l)	TSP-1	0.5	0.5	5	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
Tetrachloroethene (ug/l)	TSP-2	0.5	0.5	5	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Thallium (mg/l)	MW-4	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	CAO-1	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002371	91.67	None	No	0.01	NP (NDs)
Thallium (mg/l)	CAO-2	0.0005	0.000095	0.002	n/a	No	12	0.000355	0.000167	58.33	None	No	0.01	NP (normality)
Thallium (mg/l)	CAO-3	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-2	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-3	0.0005	0.000095	0.002	n/a	No	12	0.000...	0.0001652	91.67	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-5	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-509D	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0003332	83.33	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-689D	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-7	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	NAB-2	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	NAB-3	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	NAB-4	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	NAB-7	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	NAB-8	0.5	0.185	5	n/a	No	10	0.437	0.1328	100	None	No	0.011	NP (NDs)
Tetrachloroethene (ug/l)	SP-7	0.5	0.185	5	n/a	No	9	0.43	0.1389	100	None	No	0.002	NP (NDs)
Tetrachloroethene (ug/l)	SPRINGA	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	TSP-3	0.5	0.185	5	n/a	No	6	0.395	0.1627	100	None	No	0.0155	NP (NDs)
Tetrachloroethene (ug/l)	MW-1R	1.255	-0.1552	5	n/a	No	5	0.55	0.4208	60	None	No	0.01	Param.
Tetrachloroethene (ug/l)	NE-2	0.5	0.185	5	n/a	No	5	0.374	0.1725	100	None	No	0.031	NP (NDs)
Tetrachloroethene (ug/l)	NE-3	0.5	0.185	5	n/a	No	5	0.374	0.1725	100	None	No	0.031	NP (NDs)
Tetrachloroethene (ug/l)	NE-6	0.5	0.185	5	n/a	No	5	0.374	0.1725	100	None	No	0.031	NP (NDs)
Tin (mg/l)	MW-3	0.001	0.00015	12	n/a	No	12	0.004638	0.01429	100	None	No	0.01	NP (NDs)
Tin (mg/l)	MW-5	0.001	0.00034	12	n/a	No	12	0.001282	0.002752	83.33	None	No	0.01	NP (NDs)
Tin (mg/l)	MW-509D	0.001	0.00015	12	n/a	No	12	0.001339	0.002735	83.33	None	No	0.01	NP (NDs)
Tin (mg/l)	MW-577	0.00078	0.00031	12	n/a	No	12	0.001263	0.002755	66.67	None	No	0.01	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Tin (mg/l)	MW-6	0.0027	0.00039	12	n/a	No	12	0.001478	0.002763	83.33	None	No	0.01	NP (NDs)
Tin (mg/l)	MW-633D	0.0021	0.00044	12	n/a	No	12	0.008896	0.02869	66.67	None	No	0.01	NP (normality)
Tin (mg/l)	MW-689D	0.0009	0.00031	12	n/a	No	12	0.004611	0.01429	66.67	None	No	0.01	NP (normality)
Tin (mg/l)	MW-7	0.001	0.00034	12	n/a	No	12	0.001291	0.002749	91.67	None	No	0.01	NP (NDs)
Tin (mg/l)	NAB-1	0.001	0.00038	12	n/a	No	11	0.001391	0.00286	81.82	None	No	0.006	NP (NDs)
Tin (mg/l)	NAB-2	0.001	0.00039	12	n/a	No	12	0.001317	0.002742	83.33	None	No	0.01	NP (NDs)
Tin (mg/l)	NAB-3	0.001	0.00033	12	n/a	No	12	0.01128	0.03739	75	None	No	0.01	NP (normality)
Tin (mg/l)	NAB-4	0.002	0.00039	12	n/a	No	12	0.00892	0.02869	83.33	None	No	0.01	NP (NDs)
Tin (mg/l)	NAB-7	0.001	0.00039	12	n/a	No	12	0.001187	0.002373	83.33	None	No	0.01	NP (NDs)
Tin (mg/l)	NAB-8	0.0084	0.00015	12	n/a	No	9	0.001616	0.002627	66.67	None	No	0.002	NP (Cohens/xfrm)
Tin (mg/l)	SP-7	0.0005	0.00015	12	n/a	No	9	0.000...	0.0001193	88.89	None	No	0.002	NP (NDs)
Tin (mg/l)	SPRINGA	0.0005	0.00032	12	n/a	No	10	0.000682	0.0006413	90	None	No	0.011	NP (NDs)
Tin (mg/l)	TSP-1	0.0005	0.0005	12	n/a	No	4	0.0005	0	100	None	No	0.0625	NP (NDs)
Tin (mg/l)	TSP-2	0.0005	0.00042	12	n/a	No	9	0.000...	0.0000...	88.89	None	No	0.002	NP (NDs)
Tin (mg/l)	TSP-3	0.0005	0.00015	12	n/a	No	5	0.000408	0.0001519	80	None	No	0.031	NP (NDs)
Tin (mg/l)	MW-1R	0.002	0.00015	12	n/a	No	4	0.00077	0.0008338	50	None	No	0.0625	NP (Cohens/xfrm)
Tin (mg/l)	NE-2	0.001851	-0.0005759	12	n/a	No	4	0.000...	0.0005344	75	None	No	0.01	Param.
Tin (mg/l)	NE-3	0.018	0.00015	12	n/a	No	4	0.00573	0.008394	25	None	No	0.0625	NP (Cohens/xfrm)
Tin (mg/l)	NE-6	0.0005	0.00015	12	n/a	No	4	0.000...	0.000166	75	None	No	0.0625	NP (Cohens/xfrm)
Toluene (ug/l)	MW-4	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	CAO-1	2.5	0.39	1000	n/a	No	12	1.622	1.085	75	None	No	0.01	NP (normality)
Toluene (ug/l)	CAO-2	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	TSP-1	0.005	0.0021	0.011	n/a	No	4	0.004275	0.00145	75	None	No	0.0625	NP (normality)
Cobalt (mg/l)	TSP-2	0.01087	0.003621	0.011	n/a	No	9	0.004844	0.0008443	33.33	Cohen`s	No	0.01	Param.
Cobalt (mg/l)	NAB-2	0.005	0.00115	0.011	n/a	No	12	0.004133	0.001593	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/l)	NAB-3	0.005	0.00115	0.011	n/a	No	12	0.00385	0.001601	75	None	No	0.01	NP (normality)
Cobalt (mg/l)	NAB-4	0.005	0.00115	0.011	n/a	No	12	0.003875	0.001687	83.33	None	No	0.01	NP (NDs)
Cobalt (mg/l)	NAB-7	0.036	0.00115	0.011	n/a	No	12	0.006467	0.009444	75	None	No	0.01	NP (normality)
Cobalt (mg/l)	NAB-8	0.005	0.00115	0.011	n/a	No	10	0.00573	0.005263	90	None	No	0.011	NP (NDs)
Cobalt (mg/l)	SP-7	0.005	0.00115	0.011	n/a	No	9	0.003922	0.001703	88.89	None	No	0.002	NP (NDs)
Cobalt (mg/l)	SPRINGA	0.005	0.00115	0.011	n/a	No	12	0.004358	0.001499	100	None	No	0.01	NP (NDs)
Cobalt (mg/l)	TSP-3	0.005	0.00115	0.011	n/a	No	6	0.003517	0.001891	83.33	None	No	0.0155	NP (NDs)
Cobalt (mg/l)	**MW-1R**	**0.1716**	**0.03278**	**0.011**	**n/a**	**Yes**	**5**	**0.1022**	**0.04143**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/l)	NE-2	0.005	0.00115	0.011	n/a	No	5	0.0034	0.002058	80	None	No	0.031	NP (NDs)
Cobalt (mg/l)	NE-3	0.012	0.00115	0.011	n/a	No	5	0.00486	0.004431	80	None	No	0.031	NP (NDs)
Cobalt (mg/l)	NE-6	0.005	0.00115	0.011	n/a	No	5	0.00346	0.002109	100	None	No	0.031	NP (NDs)
Copper (mg/l)	MW-4	0.0025	0.00026	1.3	n/a	No	12	0.000...	0.0005607	91.67	None	No	0.01	NP (NDs)
Copper (mg/l)	CAO-1	0.005	0.00026	1.3	n/a	No	12	0.001941	0.001763	50	None	No	0.01	NP (Cohens/xform)
Cyanide (mg/l)	NAB-1	0.0025	0.0025	200	n/a	No	10	0.0025	0	100	None	No	0.011	NP (NDs)
Cyanide (mg/l)	TSP-2	0.0082	0.0025	200	n/a	No	7	0.003314	0.002154	85.71	None	No	0.008	NP (NDs)
Ethylbenzene (ug/l)	MW-4	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	CAO-1	0.95	0.19	700	n/a	No	12	0.4858	0.1888	91.67	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	CAO-2	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	CAO-3	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-2	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Ethylbenzene (ug/l)	MW-3	0.5	0.19	700	n/a	No	12	0.4483	0.1207	100	None	No	0.01	NP (NDs)
Cyanide (mg/l)	MW-577	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	MW-6	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	MW-633D	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	MW-689D	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cyanide (mg/l)	MW-7	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	NAB-2	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	NAB-3	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	NAB-4	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	NAB-7	0.0025	0.0009	200	n/a	No	11	0.002209	0.0006472	100	None	No	0.006	NP (NDs)
Cyanide (mg/l)	NAB-8	0.0025	0.0009	200	n/a	No	10	0.00218	0.0006746	100	None	No	0.011	NP (NDs)
Cyanide (mg/l)	SP-7	0.0025	0.0009	200	n/a	No	9	0.002144	0.0007055	100	None	No	0.002	NP (NDs)
Cyanide (mg/l)	SPRINGA	0.0025	0.0009	200	n/a	No	11	0.003255	0.003621	90.91	None	No	0.006	NP (NDs)
Cyanide (mg/l)	TSP-3	0.0025	0.0009	200	n/a	No	5	0.00186	0.0008764	100	None	No	0.031	NP (NDs)
Cyanide (mg/l)	MW-1R	0.0025	0.0009	200	n/a	No	5	0.00186	0.0008764	100	None	No	0.031	NP (NDs)
Cyanide (mg/l)	NE-2	0.0025	0.0009	200	n/a	No	5	0.00186	0.0008764	100	None	No	0.031	NP (NDs)
Cyanide (mg/l)	NE-3	0.0025	0.0009	200	n/a	No	5	0.00186	0.0008764	100	None	No	0.031	NP (NDs)
Cyanide (mg/l)	NE-6	0.0025	0.0009	200	n/a	No	5	0.00186	0.0008764	100	None	No	0.031	NP (NDs)
Lead (mg/l)	NAB-1	0.007052	0.001785	0.015	n/a	No	11	0.004418	0.00316	0	None	No	0.01	Param.
Lead (mg/l)	TSP-1	0.027	0.00041	0.015	n/a	No	4	0.007778	0.01288	25	None	No	0.0625	NP (Cohens/xfrm)
Lead (mg/l)	TSP-2	0.02091	0.0009113	0.015	n/a	No	9	0.01076	0.01219	11.11	None	sqrt(x)	0.01	Param.
Lead (mg/l)	MW-3	0.001	0.00026	0.015	n/a	No	12	0.0013	0.002748	75	None	No	0.01	NP (normality)
Lead (mg/l)	MW-5	0.0012	0.00045	0.015	n/a	No	12	0.001484	0.00301	58.33	None	No	0.01	NP (normality)
Lead (mg/l)	MW-509D	0.05713	0.004317	0.015	n/a	No	12	0.03439	0.04605	8.333	None	sqrt(x)	0.01	Param.
Lead (mg/l)	MW-577	0.0046	0.00036	0.015	n/a	No	12	0.003062	0.005551	16.67	None	No	0.01	NP (Cohens/xform)
Lead (mg/l)	MW-6	0.0012	0.00047	0.015	n/a	No	12	0.001373	0.002669	50	None	No	0.01	NP (normality)
Lead (mg/l)	MW-633D	0.002293	0.001069	0.015	n/a	No	12	0.001362	0.0007948	16.67	Cohen`s	No	0.01	Param.
Lead (mg/l)	MW-689D	0.04662	0.002938	0.015	n/a	No	12	0.02798	0.03643	8.333	None	sqrt(x)	0.01	Param.
Lead (mg/l)	MW-7	0.0012	0.00033	0.015	n/a	No	12	0.001296	0.002292	58.33	None	No	0.01	NP (Cohens/xform)
Lead (mg/l)	NAB-2	0.008833	0.001509	0.015	n/a	No	12	0.005542	0.00549	8.333	None	sqrt(x)	0.01	Param.
Lead (mg/l)	NAB-3	0.0045	0.0005	0.015	n/a	No	12	0.001977	0.001881	16.67	None	No	0.01	NP (Cohens/xform)
Lead (mg/l)	NAB-4	0.004746	0.001406	0.015	n/a	No	12	0.003073	0.00211	16.67	Cohen`s	No	0.01	Param.
Lead (mg/l)	NAB-7	0.13	0.00095	0.015	n/a	No	12	0.06079	0.1025	16.67	None	No	0.01	NP (Cohens/xform)
Lead (mg/l)	NAB-8	0.0098	0.00012	0.015	n/a	No	10	0.01744	0.04666	20	None	No	0.011	NP (Cohens/xform)
Lead (mg/l)	SP-7	0.004394	-0.0005922	0.015	n/a	No	9	0.002282	0.002088	33.33	Cohen`s	No	0.01	Param.
Lead (mg/l)	SPRINGA	0.0025	0.00038	0.015	n/a	No	12	0.00157	0.002673	41.67	None	No	0.01	NP (Cohens/xform)
Lead (mg/l)	TSP-3	0.0066	0.00012	0.015	n/a	No	6	0.002212	0.002995	16.67	None	No	0.0155	NP (Cohens/xform)
Lead (mg/l)	MW-1R	0.24	0.00012	0.015	n/a	No	5	0.05018	0.1062	40	None	No	0.031	NP (Cohens/xform)
Lead (mg/l)	NE-2	0.014	0.00012	0.015	n/a	No	5	0.006084	0.006856	40	None	No	0.031	NP (Cohens/xform)
Lead (mg/l)	NE-3	0.03895	0.00001037	0.015	n/a	No	5	0.0104	0.01613	0	None	x^(1/3)	0.01	Param.
Lead (mg/l)	NE-6	0.007502	-0.003475	0.015	n/a	No	5	0.002402	0.002776	20	Cohen`s	No	0.01	Param.
Mercury (mg/l)	MW-4	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	83.33	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	NAB-1	2.5	2.5	5	n/a	No	11	2.5	0	100	None	No	0.006	NP (NDs)
Methylene Chloride (ug/l)	TSP-1	2.5	2.5	5	n/a	No	4	2.5	0	100	None	No	0.0625	NP (NDs)
Methylene Chloride (ug/l)	TSP-2	2.5	2.5	5	n/a	No	9	2.5	0	100	None	No	0.002	NP (NDs)
Methylene Chloride (ug/l)	MW-4	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	CAO-1	2.5	0.5	5	n/a	No	12	2.042	0.8382	91.67	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	CAO-2	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	CAO-3	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	MW-2	2.5	0.5	5	n/a	No	12	2.032	0.8524	91.67	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	MW-5	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	MW-509D	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	MW-577	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	MW-6	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	MW-633D	2.5	0.5	5	n/a	No	12	2.031	0.8536	91.67	None	No	0.01	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Methylene Chloride (ug/l)	MW-689D	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	MW-7	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	NAB-2	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	NAB-3	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	NAB-4	2.5	0.5	5	n/a	No	12	2.038	0.844	91.67	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	NAB-7	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	NAB-8	2.5	0.5	5	n/a	No	10	2.1	0.8433	100	None	No	0.011	NP (NDs)
Methylene Chloride (ug/l)	SP-7	2.5	0.5	5	n/a	No	9	2.056	0.8819	100	None	No	0.002	NP (NDs)
Methylene Chloride (ug/l)	SPRINGA	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Mercury (mg/l)	NE-2	0.0001	0.0000245	200	n/a	No	5	0.000...	0.0000...	100	None	No	0.031	NP (NDs)
Mercury (mg/l)	NE-3	0.0001	0.0000245	200	n/a	No	5	0.000...	0.0000...	100	None	No	0.031	NP (NDs)
Mercury (mg/l)	NE-6	0.0001	0.0000245	200	n/a	No	5	0.000...	0.0000...	100	None	No	0.031	NP (NDs)
Nickel (mg/l)	TSP-1	0.01	0.01	0.039	n/a	No	4	0.01	0	100	None	No	0.0625	NP (NDs)
Nickel (mg/l)	TSP-2	0.017	0.007	0.039	n/a	No	9	0.01067	0.002693	66.67	None	No	0.002	NP (normality)
Selenium (mg/l)	NAB-1	0.001	0.0005	0.05	n/a	No	11	0.0025	0.006469	90.91	None	No	0.006	NP (NDs)
Nickel (mg/l)	SPRINGA	0.01	0.00245	0.039	n/a	No	12	0.008575	0.002918	91.67	None	No	0.01	NP (NDs)
Nickel (mg/l)	TSP-3	0.01	0.00245	0.039	n/a	No	6	0.007483	0.003899	100	None	No	0.0155	NP (NDs)
Nickel (mg/l)	MW-1R	0.1628	0.02075	0.039	n/a	No	5	0.0918	0.0424	0	None	No	0.01	Param.
Nickel (mg/l)	NE-2	0.05156	-0.006227	0.039	n/a	No	5	0.0238	0.0155	40	Cohen`s	No	0.01	Param.
Nickel (mg/l)	NE-3	0.032	0.00245	0.039	n/a	No	5	0.01066	0.01234	60	None	No	0.031	NP (Cohens/xform)
Nickel (mg/l)	NE-6	0.01	0.00245	0.039	n/a	No	5	0.00698	0.004135	100	None	No	0.031	NP (NDs)
Selenium (mg/l)	MW-4	0.001	0.00019	0.05	n/a	No	12	0.000...	0.0002002	91.67	None	No	0.01	NP (NDs)
Selenium (mg/l)	CAO-1	0.0012	0.00019	0.05	n/a	No	12	0.000...	0.0006165	33.33	None	No	0.01	NP (Cohens/xform)
Selenium (mg/l)	CAO-2	0.00065	0.00019	0.05	n/a	No	12	0.00052	0.0002093	75	None	No	0.01	NP (normality)
Selenium (mg/l)	CAO-3	0.001	0.00019	0.05	n/a	No	12	0.000...	0.000312	83.33	None	No	0.01	NP (NDs)
Selenium (mg/l)	MW-2	0.0016	0.00019	0.05	n/a	No	12	0.000...	0.000667	83.33	None	No	0.01	NP (NDs)
Selenium (mg/l)	MW-3	0.001	0.00019	0.05	n/a	No	12	0.00049	0.0002002	100	None	No	0.01	NP (NDs)
Selenium (mg/l)	MW-5	0.0006	0.00019	0.05	n/a	No	12	0.000...	0.0002027	91.67	None	No	0.01	NP (NDs)
Silver (mg/l)	TSP-1	0.005	0.0033	0.094	n/a	No	4	0.004575	0.00085	75	None	No	0.0625	NP (normality)
Silver (mg/l)	TSP-2	0.0082	0.005	0.094	n/a	No	9	0.005356	0.001067	88.89	None	No	0.002	NP (NDs)
Silver (mg/l)	NAB-2	0.0058	0.0014	0.094	n/a	No	12	0.004467	0.001451	91.67	None	No	0.01	NP (NDs)
Silver (mg/l)	NAB-3	0.0091	0.0014	0.094	n/a	No	12	0.004658	0.001962	83.33	None	No	0.01	NP (NDs)
Silver (mg/l)	NAB-4	0.0099	0.0014	0.094	n/a	No	12	0.004458	0.002191	66.67	None	No	0.01	NP (normality)
Silver (mg/l)	NAB-7	0.005	0.0014	0.094	n/a	No	12	0.004258	0.001421	91.67	None	No	0.01	NP (NDs)
Silver (mg/l)	NAB-8	0.005	0.0014	0.094	n/a	No	10	0.00428	0.001518	100	None	No	0.011	NP (NDs)
Silver (mg/l)	SP-7	0.0051	0.0014	0.094	n/a	No	9	0.004133	0.001568	77.78	None	No	0.002	NP (NDs)
Silver (mg/l)	SPRINGA	0.005	0.0014	0.094	n/a	No	12	0.004267	0.001415	91.67	None	No	0.01	NP (NDs)
Silver (mg/l)	TSP-3	0.005	0.0014	0.094	n/a	No	6	0.0038	0.001859	100	None	No	0.0155	NP (NDs)
Silver (mg/l)	MW-1R	0.005	0.0014	0.094	n/a	No	5	0.00356	0.001972	100	None	No	0.031	NP (NDs)
Silver (mg/l)	NE-2	0.005	0.0014	0.094	n/a	No	5	0.00356	0.001972	100	None	No	0.031	NP (NDs)
Silver (mg/l)	NE-3	0.005	0.0014	0.094	n/a	No	5	0.00356	0.001972	100	None	No	0.031	NP (NDs)
Silver (mg/l)	NE-6	0.005	0.0014	0.094	n/a	No	5	0.00356	0.001972	100	None	No	0.031	NP (NDs)
Tetrachloroethene (ug/l)	MW-4	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	CAO-1	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	CAO-2	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	CAO-3	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-2	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-3	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-5	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-509D	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Tetrachloroethene (ug/l)	MW-577	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-6	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Tetrachloroethene (ug/l)	MW-633D	0.5	0.185	5	n/a	No	12	0.4475	0.1226	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	NAB-1	0.0005	0.0005	0.002	n/a	No	11	0.000...	0.0001508	100	None	No	0.006	NP (NDs)
Thallium (mg/l)	TSP-1	0.0005	0.0005	0.002	n/a	No	4	0.0005	0	100	None	No	0.0625	NP (NDs)
Thallium (mg/l)	TSP-2	0.0005	0.0005	0.002	n/a	No	9	0.0005	0	100	None	No	0.002	NP (NDs)
Tin (mg/l)	MW-4	0.001	0.00034	12	n/a	No	12	0.001278	0.002754	83.33	None	No	0.01	NP (NDs)
Tin (mg/l)	CAO-1	0.00079	0.0003	12	n/a	No	12	0.006855	0.02209	50	None	No	0.01	NP (normality)
Tin (mg/l)	CAO-2	0.001	0.00039	12	n/a	No	12	0.01713	0.05759	91.67	None	No	0.01	NP (NDs)
Tin (mg/l)	CAO-3	0.001	0.00035	12	n/a	No	12	0.004625	0.01429	91.67	None	No	0.01	NP (NDs)
Tin (mg/l)	MW-2	0.0077	0.00015	12	n/a	No	12	0.001904	0.003286	91.67	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-577	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-6	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-633D	0.0005	0.000095	0.002	n/a	No	12	0.000...	0.0001634	91.67	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-689D	0.001	0.000095	0.002	n/a	No	12	0.00045	0.0002319	83.33	None	No	0.01	NP (NDs)
Thallium (mg/l)	MW-7	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	NAB-2	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	NAB-3	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	NAB-4	0.00057	0.000095	0.002	n/a	No	12	0.00037	0.0001706	50	None	No	0.01	NP (Cohens/xform)
Thallium (mg/l)	NAB-7	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0002276	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	NAB-8	0.0008	0.000095	0.002	n/a	No	10	0.000499	0.0002724	90	None	No	0.011	NP (NDs)
Thallium (mg/l)	SP-7	0.001	0.000095	0.002	n/a	No	9	0.000...	0.0002663	100	None	No	0.002	NP (NDs)
Toluene (ug/l)	NAB-1	2.5	0.31	1000	n/a	No	11	2.301	0.6603	90.91	None	No	0.006	NP (NDs)
Toluene (ug/l)	TSP-1	2.5	2.5	1000	n/a	No	4	2.5	0	100	None	No	0.0625	NP (NDs)
Toluene (ug/l)	TSP-2	2.5	2.5	1000	n/a	No	9	2.5	0	100	None	No	0.002	NP (NDs)
Toluene (ug/l)	CAO-3	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-2	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-3	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-5	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-509D	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-577	3.3	0.39	1000	n/a	No	12	2.402	1.676	75	None	No	0.01	NP (normality)
Toluene (ug/l)	MW-6	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-633D	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-689D	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	MW-7	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	NAB-2	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	NAB-3	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	NAB-7	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	NAB-8	2.5	0.39	1000	n/a	No	10	2.078	0.8897	100	None	No	0.011	NP (NDs)
Toluene (ug/l)	SP-7	2.5	0.39	1000	n/a	No	9	2.031	0.9304	100	None	No	0.002	NP (NDs)
Toluene (ug/l)	SPRINGA	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	TSP-3	2.5	0.39	1000	n/a	No	6	1.797	1.09	100	None	No	0.0155	NP (NDs)
Toluene (ug/l)	MW-1R	2.5	0.39	1000	n/a	No	5	1.656	1.156	100	None	No	0.031	NP (NDs)
Toluene (ug/l)	NE-2	2.5	0.39	1000	n/a	No	5	1.656	1.156	100	None	No	0.031	NP (NDs)
Toluene (ug/l)	NE-3	2.5	0.39	1000	n/a	No	5	1.656	1.156	100	None	No	0.031	NP (NDs)
Toluene (ug/l)	NE-6	2.5	0.39	1000	n/a	No	5	1.656	1.156	100	None	No	0.031	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-4	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	CAO-1	0.5	0.2	100	n/a	No	12	0.4233	0.1212	83.33	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-1	0.5	0.5	100	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	TSP-1	0.5	0.5	100	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
trans-1,2-Dichloroethene (ug/l)	TSP-2	0.5	0.5	100	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	CAO-2	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-2	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-3	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-5	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-509D	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-577	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-6	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-633D	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-689D	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-7	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-2	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-3	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-4	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-7	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NAB-8	0.5	0.2	100	n/a	No	10	0.44	0.1265	100	None	No	0.011	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	SP-7	0.5	0.2	100	n/a	No	9	0.4333	0.1323	100	None	No	0.002	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	SPRINGA	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	TSP-3	0.5	0.2	100	n/a	No	6	0.4	0.1549	100	None	No	0.0155	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	MW-1R	0.5	0.2	100	n/a	No	5	0.38	0.1643	100	None	No	0.031	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NE-2	0.5	0.2	100	n/a	No	5	0.38	0.1643	100	None	No	0.031	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NE-3	0.5	0.2	100	n/a	No	5	0.38	0.1643	100	None	No	0.031	NP (NDs)
Vanadium (mg/l)	NAB-1	0.036	0.005	0.086	n/a	No	11	0.01355	0.01657	72.73	None	No	0.006	NP (normality)
Vanadium (mg/l)	MW-4	0.023	0.0012	0.086	n/a	No	12	0.008783	0.008443	75	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	CAO-1	0.01	0.0012	0.086	n/a	No	12	0.005983	0.005562	66.67	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	CAO-2	0.016	0.0012	0.086	n/a	No	12	0.007417	0.007625	75	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	CAO-3	0.01	0.0012	0.086	n/a	No	12	0.0072	0.008722	91.67	None	No	0.01	NP (NDs)
Vanadium (mg/l)	MW-2	0.02155	0.006284	0.086	n/a	No	12	0.006717	0.004657	33.33	Cohen`s	No	0.01	Param.
Vanadium (mg/l)	MW-3	0.034	0.0012	0.086	n/a	No	12	0.01187	0.01473	66.67	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	MW-5	0.03	0.0012	0.086	n/a	No	12	0.008775	0.01017	75	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	MW-509D	0.074	0.0012	0.086	n/a	No	12	0.02452	0.02703	25	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	MW-577	0.01	0.0012	0.086	n/a	No	12	0.006717	0.007356	83.33	None	No	0.01	NP (NDs)
Vanadium (mg/l)	MW-6	0.027	0.0012	0.086	n/a	No	12	0.009783	0.01246	83.33	None	No	0.01	NP (NDs)
Vanadium (mg/l)	MW-633D	0.01	0.0012	0.086	n/a	No	12	0.004533	0.002292	83.33	None	No	0.01	NP (NDs)
Vanadium (mg/l)	MW-689D	0.023	0.0012	0.086	n/a	No	12	0.01362	0.01375	41.67	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	MW-7	0.025	0.0012	0.086	n/a	No	12	0.009417	0.01146	75	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	NAB-2	0.017	0.0012	0.086	n/a	No	12	0.007583	0.00713	75	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	NAB-3	0.03	0.0012	0.086	n/a	No	12	0.01052	0.01357	66.67	None	No	0.01	NP (Cohens/xform)
Vanadium (mg/l)	NAB-4	0.031	0.0012	0.086	n/a	No	12	0.0117	0.01768	83.33	None	No	0.01	NP (NDs)
Vanadium (mg/l)	NAB-7	0.025	0.0012	0.086	n/a	No	12	0.008867	0.01007	83.33	None	No	0.01	NP (NDs)
Vanadium (mg/l)	NAB-8	0.028	0.0012	0.086	n/a	No	10	0.01589	0.02887	70	None	No	0.011	NP (Cohens/xform)
Vanadium (mg/l)	SP-7	0.01	0.0012	0.086	n/a	No	9	0.0052	0.003018	88.89	None	No	0.002	NP (NDs)
Vanadium (mg/l)	SPRINGA	0.01	0.0012	0.086	n/a	No	12	0.006658	0.007682	75	None	No	0.01	NP (normality)
Trichloroethene (ug/l)	NE-2	0.5	0.2	5	n/a	No	5	0.38	0.1643	100	Cohen`s	No	0.031	NP (NDs)
Trichloroethene (ug/l)	NE-3	0.5	0.2	5	n/a	No	5	0.38	0.1643	100	Cohen`s	No	0.031	NP (NDs)
Trichloroethene (ug/l)	NE-6	0.5	0.2	5	n/a	No	5	0.38	0.1643	100	Cohen`s	No	0.031	NP (NDs)
Vinyl chloride (ug/l)	TSP-1	0.5	0.5	2	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
Vinyl chloride (ug/l)	TSP-2	0.5	0.5	2	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
Xylenes, Total (ug/l)	NAB-1	1.5	1.5	10000	n/a	No	11	1.5	0	100	None	No	0.006	NP (NDs)
Vinyl chloride (ug/l)	SP-7	0.5	0.13	2	n/a	No	9	0.4178	0.1632	100	None	No	0.002	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vinyl chloride (ug/l)	SPRINGA	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	TSP-3	0.5	0.13	2	n/a	No	6	0.3767	0.1911	100	None	No	0.0155	NP (NDs)
Vinyl chloride (ug/l)	**MW-1R**	**4.352**	**2.808**	**2**	**n/a**	**Yes**	**5**	**3.58**	**0.4604**	**0**	**None**	**No**	**0.01**	**Param.**
Vinyl chloride (ug/l)	NE-2	0.5	0.13	2	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
Vinyl chloride (ug/l)	NE-3	0.5	0.13	2	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
Vinyl chloride (ug/l)	NE-6	0.5	0.13	2	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
Xylenes, Total (ug/l)	MW-4	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	CAO-1	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	CAO-2	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	CAO-3	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-2	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-3	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-5	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-509D	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-577	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-6	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-633D	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-689D	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	MW-7	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	NAB-2	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	NAB-3	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	NAB-4	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Zinc (mg/l)	TSP-1	0.1789	0.02358	6	n/a	No	4	0.1013	0.03421	0	None	No	0.01	Param.
Zinc (mg/l)	TSP-2	0.1389	0.02711	6	n/a	No	9	0.08299	0.05787	0	None	No	0.01	Param.
Arsenic (mg/l)	NAB-7	0.03418	0.002145	0.01	n/a	No	12	0.02275	0.03667	8.333	None	x^(1/3)	0.01	Param.
Arsenic (mg/l)	SPRINGB	0.002309	-0.0006492	0.01	n/a	No	5	0.00083	0.0008827	60	None	No	0.01	Param.
Barium (mg/l)	SPRINGB	0.1767	0.05374	2	n/a	No	5	0.1152	0.03668	0	None	No	0.01	Param.
Cadmium (mg/l)	SPRINGB	0.00051	0.00008	0.005	n/a	No	5	0.000234	0.0001762	80	None	No	0.031	NP (NDs)
Cobalt (mg/l)	SPRINGB	0.005	0.00115	0.011	n/a	No	5	0.003	0.001932	80	None	No	0.031	NP (NDs)
Chromium (mg/l)	SPRINGB	0.005	0.0007	0.1	n/a	No	5	0.00298	0.00217	80	None	No	0.031	NP (NDs)
Nickel (mg/l)	SPRINGB	0.01	0.00245	0.039	n/a	No	5	0.0061	0.003785	80	None	No	0.031	NP (NDs)
Zinc (mg/l)	MW-4	0.09188	0.08178	6	n/a	No	12	0.08683	0.006436	0	None	No	0.01	Param.
Zinc (mg/l)	CAO-1	0.3881	0.000877	6	n/a	No	12	0.218	0.2143	16.67	Cohen`s	No	0.01	Param.
Zinc (mg/l)	CAO-2	0.025	0.0013	6	n/a	No	12	0.02139	0.03497	25	None	No	0.01	NP (Cohens/xform)
Zinc (mg/l)	CAO-3	0.04567	0.01755	6	n/a	No	12	0.03161	0.01792	8.333	None	No	0.01	Param.
Zinc (mg/l)	MW-2	0.0077	0.0013	6	n/a	No	12	0.006358	0.006245	50	None	No	0.01	NP (Cohens/xform)
Zinc (mg/l)	MW-3	0.1188	0.06434	6	n/a	No	12	0.09158	0.03473	0	None	No	0.01	Param.
Zinc (mg/l)	NAB-3	0.1724	0.07424	6	n/a	No	12	0.1233	0.06257	0	None	No	0.01	Param.
Zinc (mg/l)	NAB-4	0.734	0.4577	6	n/a	No	12	0.5958	0.176	0	None	No	0.01	Param.
Zinc (mg/l)	NAB-7	0.085	0.051	6	n/a	No	12	0.0685	0.0284	0	None	No	0.01	NP (normality)
Zinc (mg/l)	NAB-8	0.023	0.0013	6	n/a	No	10	0.08107	0.2176	20	None	No	0.011	NP (Cohens/xform)
Zinc (mg/l)	SP-7	0.028	0.0013	6	n/a	No	9	0.01084	0.0101	33.33	None	No	0.002	NP (Cohens/xform)
Zinc (mg/l)	SPRINGA	0.1089	0.04427	6	n/a	No	12	0.07658	0.04119	0	None	No	0.01	Param.
Zinc (mg/l)	TSP-3	3.3	0.0013	6	n/a	No	6	0.5576	1.344	33.33	None	No	0.0155	NP (normality)
Zinc (mg/l)	MW-1R	4.735	0.3998	6	n/a	No	5	2.01	1.586	0	None	x^(1/3)	0.01	Param.
Zinc (mg/l)	NE-2	1	0.005	6	n/a	No	5	0.2142	0.4395	40	None	No	0.031	NP (Cohens/xform)
Zinc (mg/l)	NE-3	0.2686	0.007697	6	n/a	No	5	0.105	0.09483	0	None	sqrt(x)	0.01	Param.
Zinc (mg/l)	NE-6	0.8699	0.3461	6	n/a	No	5	0.608	0.1563	0	None	No	0.01	Param.
Selenium (mg/l)	MW-689D	0.0007783	0.0003634	0.05	n/a	No	12	0.000...	0.0002644	75	None	No	0.01	Param.
Selenium (mg/l)	MW-7	0.00059	0.00019	0.05	n/a	No	12	0.000...	0.0002023	91.67	None	No	0.01	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/l)	NAB-2	0.001	0.00019	0.05	n/a	No	12	0.00049	0.0002002	100	None	No	0.01	NP (NDs)
Selenium (mg/l)	NAB-3	0.001	0.00019	0.05	n/a	No	12	0.00049	0.0002002	100	None	No	0.01	NP (NDs)
Selenium (mg/l)	NAB-4	0.001	0.00019	0.05	n/a	No	12	0.000...	0.0006151	91.67	None	No	0.01	NP (NDs)
Selenium (mg/l)	SPRINGB	0.001101	-0.0000653	0.05	n/a	No	5	0.000518	0.0003481	60	None	No	0.01	Param.
Silver (mg/l)	SPRINGB	0.005	0.0014	0.094	n/a	No	5	0.00328	0.001809	80	None	No	0.031	NP (NDs)
Thallium (mg/l)	SPRINGA	0.001	0.000095	0.002	n/a	No	12	0.000...	0.0006281	100	None	No	0.01	NP (NDs)
Thallium (mg/l)	SPRINGB	0.001	0.000095	0.002	n/a	No	5	0.000438	0.0003738	100	None	No	0.031	NP (NDs)
Thallium (mg/l)	TSP-3	0.001	0.000095	0.002	n/a	No	6	0.000...	0.0003353	100	None	No	0.0155	NP (NDs)
Thallium (mg/l)	MW-1R	0.0066	0.000095	0.002	n/a	No	5	0.001838	0.002763	60	None	No	0.031	NP (Cohens/xform)
Thallium (mg/l)	NE-2	0.0005	0.000095	0.002	n/a	No	5	0.000292	0.0002029	80	None	No	0.031	NP (NDs)
Thallium (mg/l)	NE-3	0.001	0.000095	0.002	n/a	No	5	0.000438	0.0003738	100	None	No	0.031	NP (NDs)
Thallium (mg/l)	NE-6	0.00062	0.000095	0.002	n/a	No	5	0.000362	0.0002486	80	None	No	0.031	NP (NDs)
Vanadium (mg/l)	SPRINGB	0.01	0.0012	0.086	n/a	No	5	0.00444	0.003618	80	None	No	0.031	NP (NDs)
Vanadium (mg/l)	TSP-3	0.01	0.0012	0.086	n/a	No	6	0.00415	0.003341	83.33	None	No	0.0155	NP (NDs)
Vanadium (mg/l)	MW-1R	0.083	0.0012	0.086	n/a	No	5	0.02008	0.03536	80	None	No	0.031	NP (NDs)
Vanadium (mg/l)	NE-2	0.011	0.0012	0.086	n/a	No	5	0.00468	0.004011	80	None	No	0.031	NP (NDs)
Vanadium (mg/l)	NE-3	0.017	0.0012	0.086	n/a	No	5	0.00688	0.006712	80	None	No	0.031	NP (NDs)
Vanadium (mg/l)	NE-6	0.01	0.0012	0.086	n/a	No	5	0.00448	0.003624	100	None	No	0.031	NP (NDs)
Antimony (mg/l)	SPRINGB	0.0026	0.000105	0.006	n/a	No	5	0.000867	0.0009886	60	None	No	0.031	NP (Cohens/xform)
Antimony (mg/l)	TSP-3	0.0034	0.000105	0.006	n/a	No	6	0.000...	0.001222	66.67	None	No	0.0155	NP (Cohens/xform)
Antimony (mg/l)	MW-1R	0.001438	-0.0003416	0.006	n/a	No	5	0.000548	0.0005309	60	None	No	0.01	Param.
Antimony (mg/l)	NE-2	0.0035	0.000105	0.006	n/a	No	5	0.000942	0.001444	80	None	No	0.031	NP (NDs)
Trichloroethene (ug/l)	NAB-1	0.5	0.5	5	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Trichloroethene (ug/l)	TSP-1	0.5	0.5	5	n/a	No	4	0.5	0	100	None	No	0.0625	NP (NDs)
Trichloroethene (ug/l)	TSP-2	0.5	0.5	5	n/a	No	9	0.5	0	100	None	No	0.002	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	NE-6	0.5	0.2	100	n/a	No	5	0.38	0.1643	100	None	No	0.031	NP (NDs)
Trichloroethene (ug/l)	MW-4	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	CAO-1	0.61	0.2	5	n/a	No	12	0.4942	0.1783	66.67	None	No	0.01	NP (normality)
Trichloroethene (ug/l)	CAO-2	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	CAO-3	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-2	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-3	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-5	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-509D	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-577	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-6	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-633D	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-689D	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	MW-7	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	NAB-2	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	NAB-3	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	NAB-4	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	NAB-7	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	NAB-8	0.5	0.2	5	n/a	No	10	0.44	0.1265	100	None	No	0.011	NP (NDs)
Trichloroethene (ug/l)	SP-7	0.5	0.2	5	n/a	No	9	0.4333	0.1323	100	None	No	0.002	NP (NDs)
Trichloroethene (ug/l)	SPRINGA	0.5	0.2	5	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
Trichloroethene (ug/l)	TSP-3	0.5	0.2	5	n/a	No	6	0.4	0.1549	100	None	No	0.0155	NP (NDs)
Trichloroethene (ug/l)	MW-1R	1.706	0.6036	5	n/a	No	5	0.98	0.5891	40	Cohen`s	No	0.01	Param.
Vanadium (mg/l)	TSP-1	0.005	0.0049	0.086	n/a	No	4	0.004975	0.00005	75	None	No	0.0625	NP (normality)
Vanadium (mg/l)	TSP-2	0.054	0.0035	0.086	n/a	No	9	0.0115	0.01616	55.56	None	No	0.002	NP (normality)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vinyl chloride (ug/l)	NAB-1	0.5	0.5	2	n/a	No	11	0.5	0	100	None	No	0.006	NP (NDs)
Antimony (mg/l)	NE-3	0.00073	0.000105	0.006	n/a	No	5	0.000388	0.0002749	80	None	No	0.031	NP (NDs)
Antimony (mg/l)	NE-6	0.0037	0.000105	0.006	n/a	No	5	0.001095	0.001471	60	None	No	0.031	NP (Cohens/xform)
Beryllium (mg/l)	SPRINGB	0.0005	0.00006	0.004	n/a	No	5	0.000256	0.0002265	80	None	No	0.031	NP (NDs)
Copper (mg/l)	CAO-2	0.0025	0.00026	1.3	n/a	No	12	0.001823	0.002953	41.67	None	No	0.01	NP (Cohens/xform)
Xylenes, Total (ug/l)	TSP-1	1.5	1.5	10000	n/a	No	4	1.5	0	100	None	No	0.0625	NP (NDs)
Xylenes, Total (ug/l)	TSP-2	1.5	1.5	10000	n/a	No	9	1.5	0	100	None	No	0.002	NP (NDs)
Zinc (mg/l)	NAB-1	0.2196	0.1458	6	n/a	No	11	0.1827	0.04429	0	None	No	0.01	Param.
Zinc (mg/l)	MW-5	0.0306	0.02217	6	n/a	No	12	0.02553	0.008259	8.333	None	x^2	0.01	Param.
Zinc (mg/l)	MW-509D	2.8	0.38	6	n/a	No	12	1.459	2.239	0	None	No	0.01	NP (normality)
Zinc (mg/l)	MW-577	0.017	0.0013	6	n/a	No	12	0.009667	0.01136	33.33	None	No	0.01	NP (Cohens/xform)
Zinc (mg/l)	MW-6	0.045	0.035	6	n/a	No	12	0.03958	0.006156	0	None	No	0.01	NP (normality)
Zinc (mg/l)	MW-633D	0.2376	0.1974	6	n/a	No	12	0.2175	0.02563	0	None	No	0.01	Param.
Zinc (mg/l)	MW-689D	0.14	0.0013	6	n/a	No	12	0.04998	0.05549	16.67	None	No	0.01	NP (Cohens/xform)
Zinc (mg/l)	MW-7	0.035	0.0013	6	n/a	No	12	0.01985	0.02291	16.67	None	No	0.01	NP (Cohens/xform)
Zinc (mg/l)	NAB-2	0.0402	0.0283	6	n/a	No	12	0.03425	0.007581	0	None	No	0.01	Param.
Zinc (mg/l)	SPRINGB	0.04838	0.01602	6	n/a	No	5	0.0322	0.009654	0	None	No	0.01	Param.
Selenium (mg/l)	MW-509D	0.0012	0.00019	0.05	n/a	No	12	0.000...	0.000381	58.33	None	No	0.01	NP (Cohens/xform)
Selenium (mg/l)	MW-577	0.001	0.00019	0.05	n/a	No	12	0.000...	0.0002018	91.67	None	No	0.01	NP (NDs)
Selenium (mg/l)	MW-6	0.00088	0.00019	0.05	n/a	No	12	0.000...	0.0002298	91.67	None	No	0.01	NP (NDs)
Selenium (mg/l)	MW-633D	0.001	0.00019	0.05	n/a	No	12	0.000...	0.0006141	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	NAB-7	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	NAB-8	1.5	0.55	10000	n/a	No	10	1.31	0.4006	100	None	No	0.011	NP (NDs)
Xylenes, Total (ug/l)	SP-7	1.5	0.55	10000	n/a	No	9	1.289	0.4189	100	None	No	0.002	NP (NDs)
Xylenes, Total (ug/l)	SPRINGA	1.5	0.55	10000	n/a	No	12	1.342	0.3698	100	None	No	0.01	NP (NDs)
Xylenes, Total (ug/l)	TSP-3	1.5	0.55	10000	n/a	No	6	1.183	0.4906	100	None	No	0.0155	NP (NDs)
Xylenes, Total (ug/l)	MW-1R	1.5	0.55	10000	n/a	No	5	1.12	0.5203	100	None	No	0.031	NP (NDs)
Xylenes, Total (ug/l)	NE-2	1.5	0.55	10000	n/a	No	5	1.12	0.5203	100	None	No	0.031	NP (NDs)
Xylenes, Total (ug/l)	NE-3	1.5	0.55	10000	n/a	No	5	1.12	0.5203	100	None	No	0.031	NP (NDs)
Xylenes, Total (ug/l)	NE-6	1.5	0.55	10000	n/a	No	5	1.12	0.5203	100	None	No	0.031	NP (NDs)
Copper (mg/l)	CAO-3	0.0044	0.00026	1.3	n/a	No	12	0.00147	0.001511	41.67	None	No	0.01	NP (Cohens/xform)
Copper (mg/l)	MW-2	0.0025	0.00026	1.3	n/a	No	12	0.001218	0.0009309	91.67	None	No	0.01	NP (NDs)
Copper (mg/l)	MW-3	0.0025	0.00026	1.3	n/a	No	12	0.000...	0.0005654	91.67	None	No	0.01	NP (NDs)
Copper (mg/l)	MW-5	0.0025	0.00026	1.3	n/a	No	12	0.001002	0.0005515	100	None	No	0.01	NP (NDs)
Copper (mg/l)	MW-509D	0.029	0.00026	1.3	n/a	No	12	0.01341	0.01637	16.67	None	No	0.01	NP (Cohens/xform)
Copper (mg/l)	MW-577	0.0027	0.00026	1.3	n/a	No	12	0.001615	0.002317	41.67	None	No	0.01	NP (Cohens/xform)
Copper (mg/l)	MW-6	0.0033	0.00026	1.3	n/a	No	12	0.001435	0.001159	83.33	None	No	0.01	NP (NDs)
Copper (mg/l)	MW-633D	0.0025	0.00026	1.3	n/a	No	12	0.001091	0.0008283	58.33	None	No	0.01	NP (Cohens/xform)
Copper (mg/l)	SPRINGA	0.0012	0.00026	1.3	n/a	No	12	0.001235	0.001224	83.33	Cohen`s	No	0.01	NP (NDs)
Copper (mg/l)	SPRINGB	0.003277	-0.000789	1.3	n/a	No	5	0.001244	0.001213	60	None	No	0.01	Param.
Lead (mg/l)	MW-2	0.004	0.00012	0.015	n/a	No	12	0.001952	0.002868	66.67	None	No	0.01	NP (normality)
Lead (mg/l)	SPRINGB	0.007435	-0.004936	0.015	n/a	No	5	0.002116	0.002673	40	Cohen`s	No	0.01	Param.
Benzene (ug/l)	SPRINGB	0.5	0.165	5	n/a	No	5	0.366	0.1835	100	None	No	0.031	NP (NDs)
Chloroethane (ug/l)	MW-6	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-633D	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-689D	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	MW-7	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	NAB-2	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	NAB-3	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	NAB-4	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)

Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloroethane (ug/l)	NAB-7	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	NAB-8	2.5	0.225	21000	n/a	No	10	2.045	0.9592	100	Cohen`s	No	0.011	NP (NDs)
Chloroethane (ug/l)	SP-7	2.5	0.225	21000	n/a	No	9	1.994	1.003	100	Cohen`s	No	0.002	NP (NDs)
Chloroethane (ug/l)	SPRINGA	2.5	0.225	21000	n/a	No	12	2.121	0.8855	100	Cohen`s	No	0.01	NP (NDs)
Chloroethane (ug/l)	SPRINGB	2.5	0.225	21000	n/a	No	5	1.59	1.246	100	Cohen`s	No	0.031	NP (NDs)
Vinyl chloride (ug/l)	MW-4	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	**CAO-1**	**3.348**	**2.029**	**2**	**n/a**	**Yes**	**12**	**2.708**	**0.8918**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Vinyl chloride (ug/l)	CAO-2	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	CAO-3	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-2	0.99	0.13	2	n/a	No	12	0.5558	0.2922	75	None	No	0.01	NP (normality)
Vinyl chloride (ug/l)	MW-3	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-5	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-509D	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-577	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-6	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-633D	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-689D	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	MW-7	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	NAB-2	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	NAB-3	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	NAB-4	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	NAB-7	0.5	0.13	2	n/a	No	12	0.4383	0.144	100	None	No	0.01	NP (NDs)
Vinyl chloride (ug/l)	NAB-8	0.5	0.13	2	n/a	No	10	0.426	0.156	100	None	No	0.011	NP (NDs)
Vinyl chloride (ug/l)	SPRINGB	0.5	0.13	2	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
1,1-Dichloroethane (ug/l)	SPRINGB	0.8551	-0.08707	2.7	n/a	No	5	0.384	0.2811	60	None	No	0.01	Param.
cis-1,2-Dichloroethene (ug/l)	CAO-1	2.943	1.099	70	n/a	No	12	2.021	1.175	8.333	None	No	0.01	Param.
cis-1,2-Dichloroethene (ug/l)	SPRINGB	0.5	0.13	70	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	TSP-3	0.5	0.13	70	n/a	No	6	0.3767	0.1911	100	None	No	0.0155	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	MW-1R	10.64	4.279	70	n/a	No	5	7.46	1.898	0	None	No	0.01	Param.
cis-1,2-Dichloroethene (ug/l)	NE-2	0.5	0.13	70	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NE-3	0.5	0.13	70	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
cis-1,2-Dichloroethene (ug/l)	NE-6	0.5	0.13	70	n/a	No	5	0.352	0.2027	100	None	No	0.031	NP (NDs)
Tetrachloroethene (ug/l)	SPRINGB	0.5	0.185	5	n/a	No	5	0.374	0.1725	100	None	No	0.031	NP (NDs)
1,4-Dichlorobenzene (ug/l)	SPRINGB	0.5	0.135	75	n/a	No	5	0.354	0.1999	100	None	No	0.031	NP (NDs)
Methylene Chloride (ug/l)	MW-3	2.5	0.5	5	n/a	No	12	2.167	0.7785	100	None	No	0.01	NP (NDs)
Methylene Chloride (ug/l)	SPRINGB	2.5	0.5	5	n/a	No	5	1.7	1.095	100	None	No	0.031	NP (NDs)
Methylene Chloride (ug/l)	NE-6	2.5	0.5	5	n/a	No	5	1.7	1.095	100	None	No	0.031	NP (NDs)
Toluene (ug/l)	NAB-4	2.5	0.39	1000	n/a	No	12	2.148	0.8213	100	None	No	0.01	NP (NDs)
Toluene (ug/l)	SPRINGB	2.5	0.39	1000	n/a	No	5	1.656	1.156	100	None	No	0.031	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	CAO-3	0.5	0.2	100	n/a	No	12	0.45	0.1168	100	None	No	0.01	NP (NDs)
trans-1,2-Dichloroethene (ug/l)	SPRINGB	0.5	0.2	100	n/a	No	5	0.38	0.1643	100	None	No	0.031	NP (NDs)
Xylenes, Total (ug/l)	SPRINGB	1.5	0.55	10000	n/a	No	5	1.12	0.5203	100	None	No	0.031	NP (NDs)
Ethylbenzene (ug/l)	SPRINGB	0.5	0.19	700	n/a	No	5	0.376	0.1698	100	None	No	0.031	NP (NDs)
Ethylbenzene (ug/l)	NE-2	0.5	0.19	700	n/a	No	5	0.376	0.1698	100	None	No	0.031	NP (NDs)
Carbon disulfide (ug/l)	SPRINGA	0.5	0.14	810	n/a	No	12	0.44	0.1401	100	None	No	0.01	NP (NDs)
Carbon disulfide (ug/l)	SPRINGB	0.5	0.14	810	n/a	No	5	0.356	0.1972	100	None	No	0.031	NP (NDs)
Chlorobenzene (ug/l)	NAB-8	0.5	0.175	100	n/a	No	10	0.435	0.137	100	None	No	0.011	NP (NDs)
Chlorobenzene (ug/l)	SPRINGB	0.5	0.175	100	n/a	No	5	0.37	0.178	100	None	No	0.031	NP (NDs)
Chlorobenzene (ug/l)	NE-2	0.5	0.175	100	n/a	No	5	0.37	0.178	100	None	No	0.031	NP (NDs)
Chlorobenzene (ug/l)	NE-3	0.5	0.175	100	n/a	No	5	0.37	0.178	100	None	No	0.031	NP (NDs)

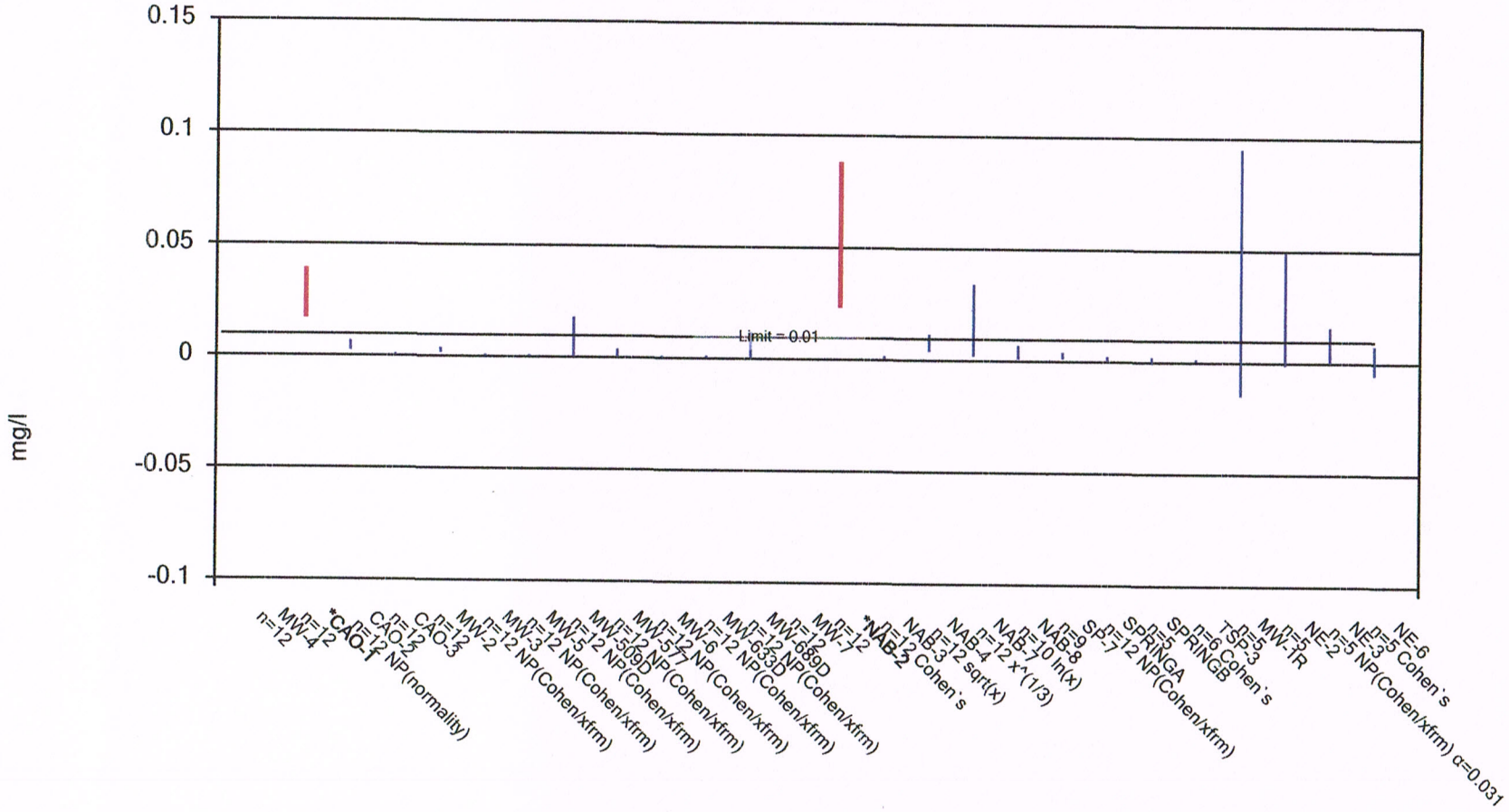
Confidence Interval

NABORS Client: SCS Engineers Data: NABORS flat Printed 8/17/2015, 4:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chlorobenzene (ug/l)	NE-6	0.5	0.175	100	n/a	No	5	0.37	0.178	100	None	No	0.031	NP (NDs)
Cyanide (mg/l)	SPRINGB	0.0025	0.0009	200	n/a	No	4	0.0017	0.0009238	100	None	No	0.0625	NP (NDs)
Mercury (mg/l)	NAB-7	0.0001	0.0000245	200	n/a	No	12	0.000...	0.0000...	91.67	Cohen`s	No	0.01	NP (NDs)
Mercury (mg/l)	SPRINGB	0.0001	0.0000245	200	n/a	No	5	0.000...	0.0000...	100	Cohen`s	No	0.031	NP (NDs)
Trichloroethene (ug/l)	SPRINGB	0.5	0.2	5	n/a	No	5	0.38	0.1643	100	None	No	0.031	NP (NDs)

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.

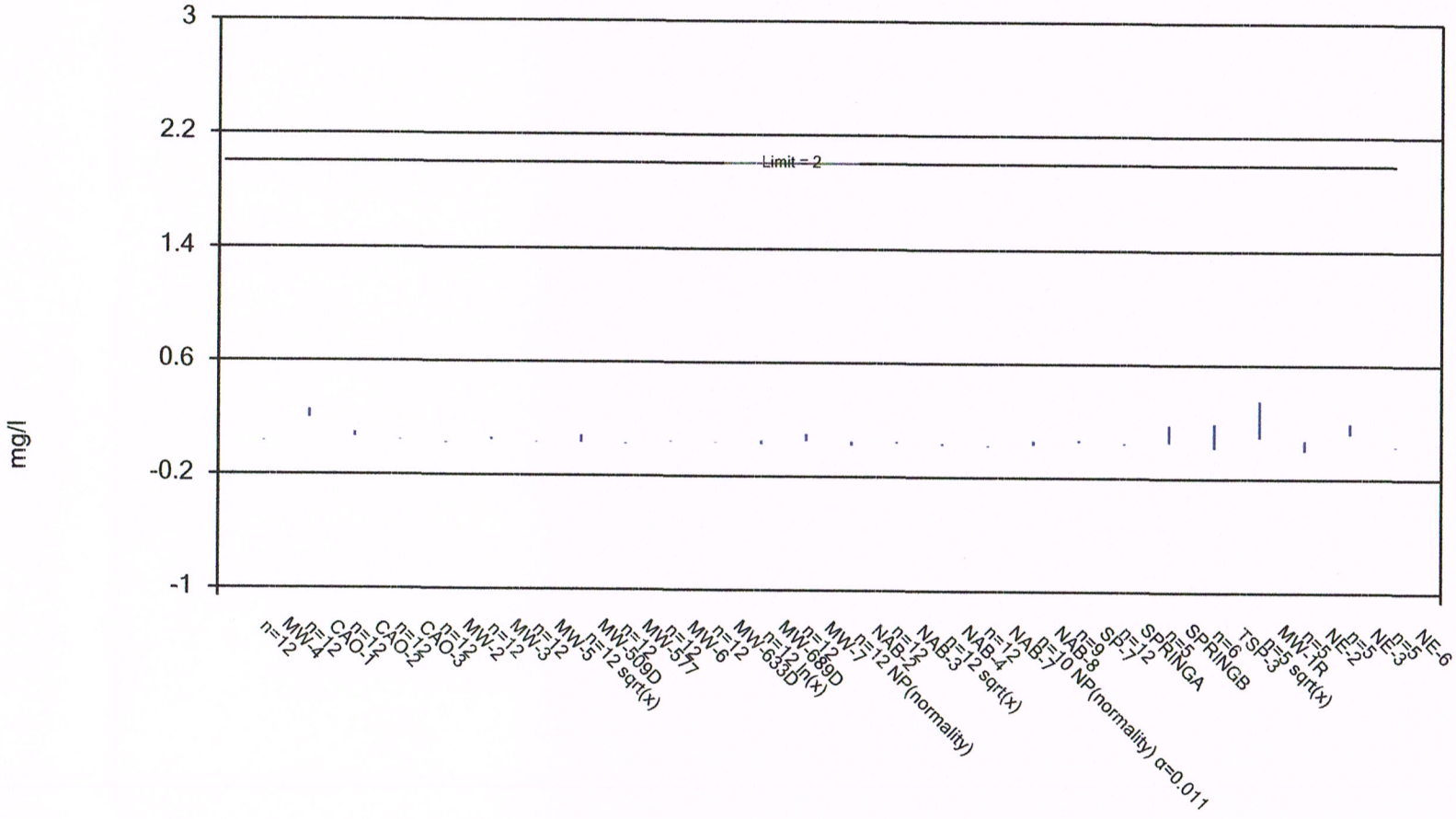


Constituent: Arsenic Analysis Run 8/17/2015 4:03 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

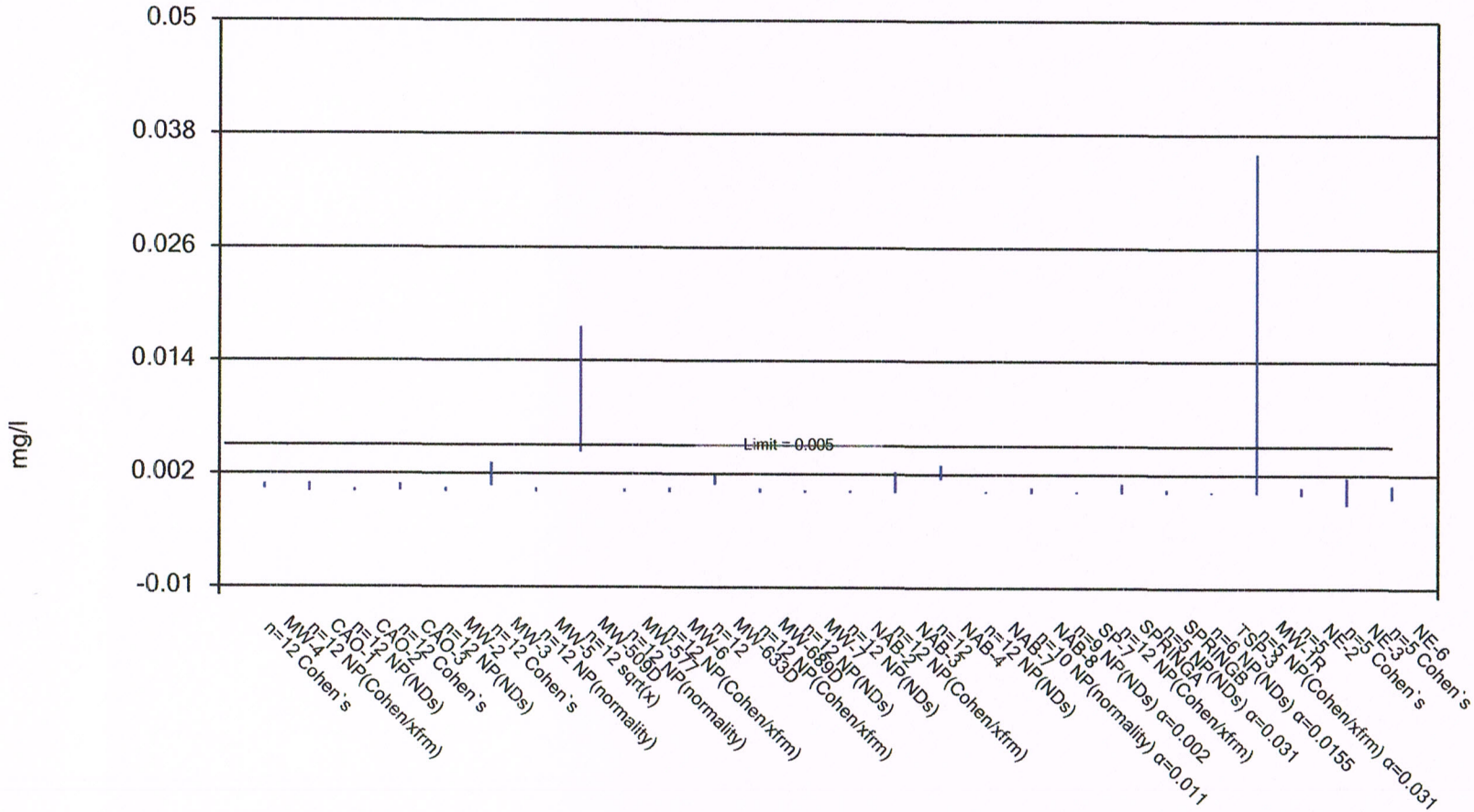


Constituent: Barium Analysis Run 8/17/2015 4:04 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

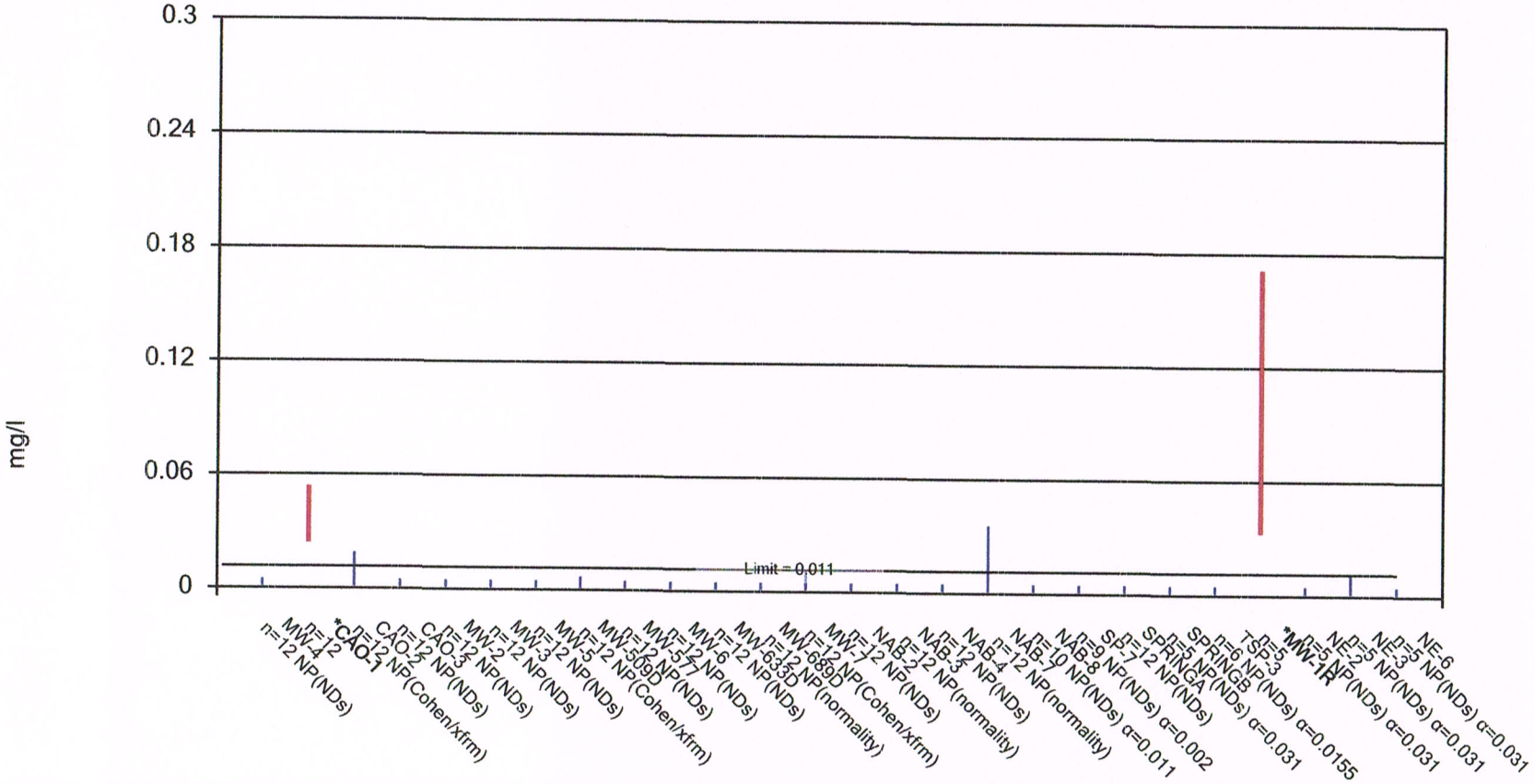


Constituent: Cadmium Analysis Run 8/17/2015 4:04 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

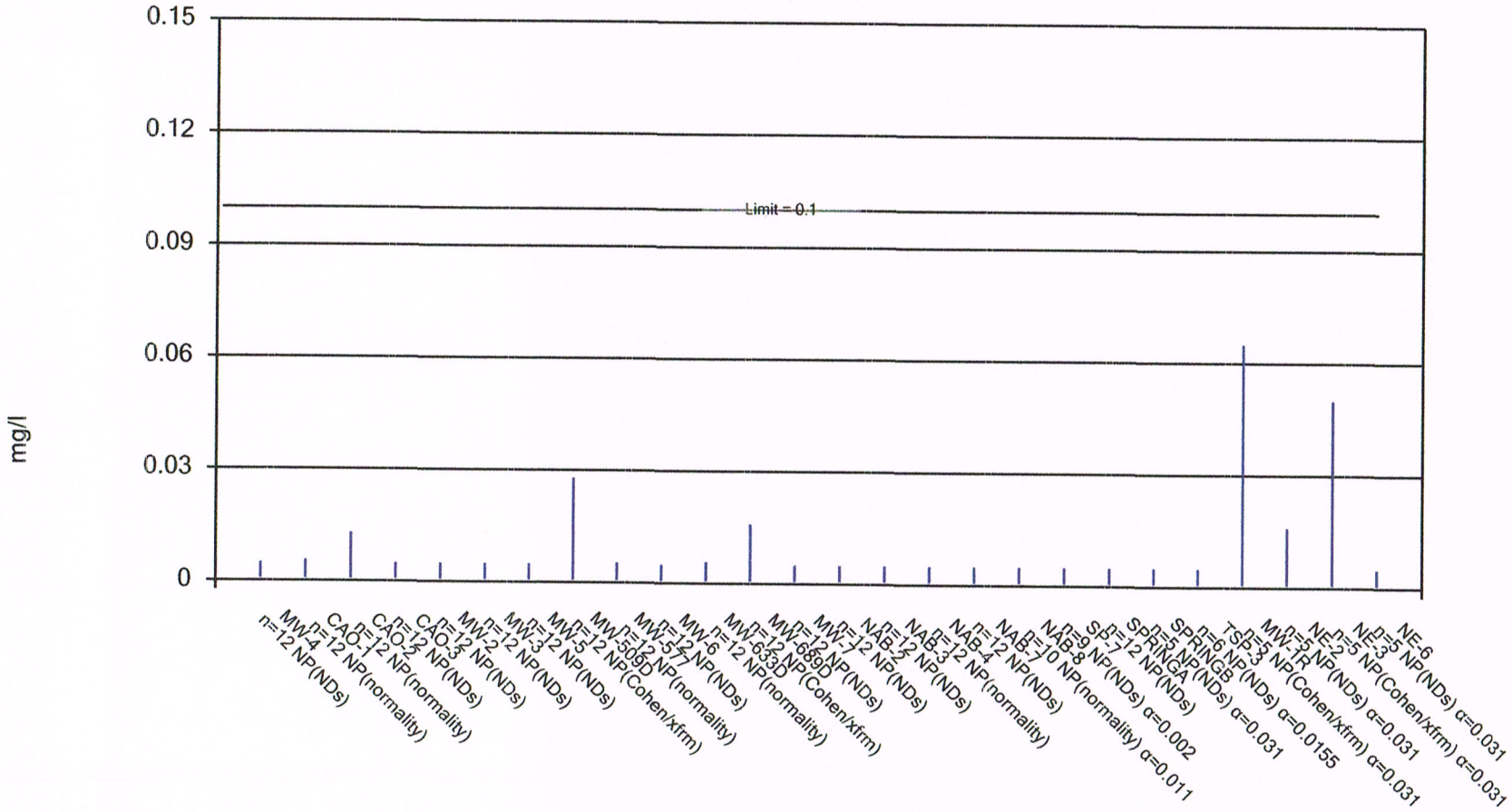


Constituent: Cobalt Analysis Run 8/17/2015 4:05 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

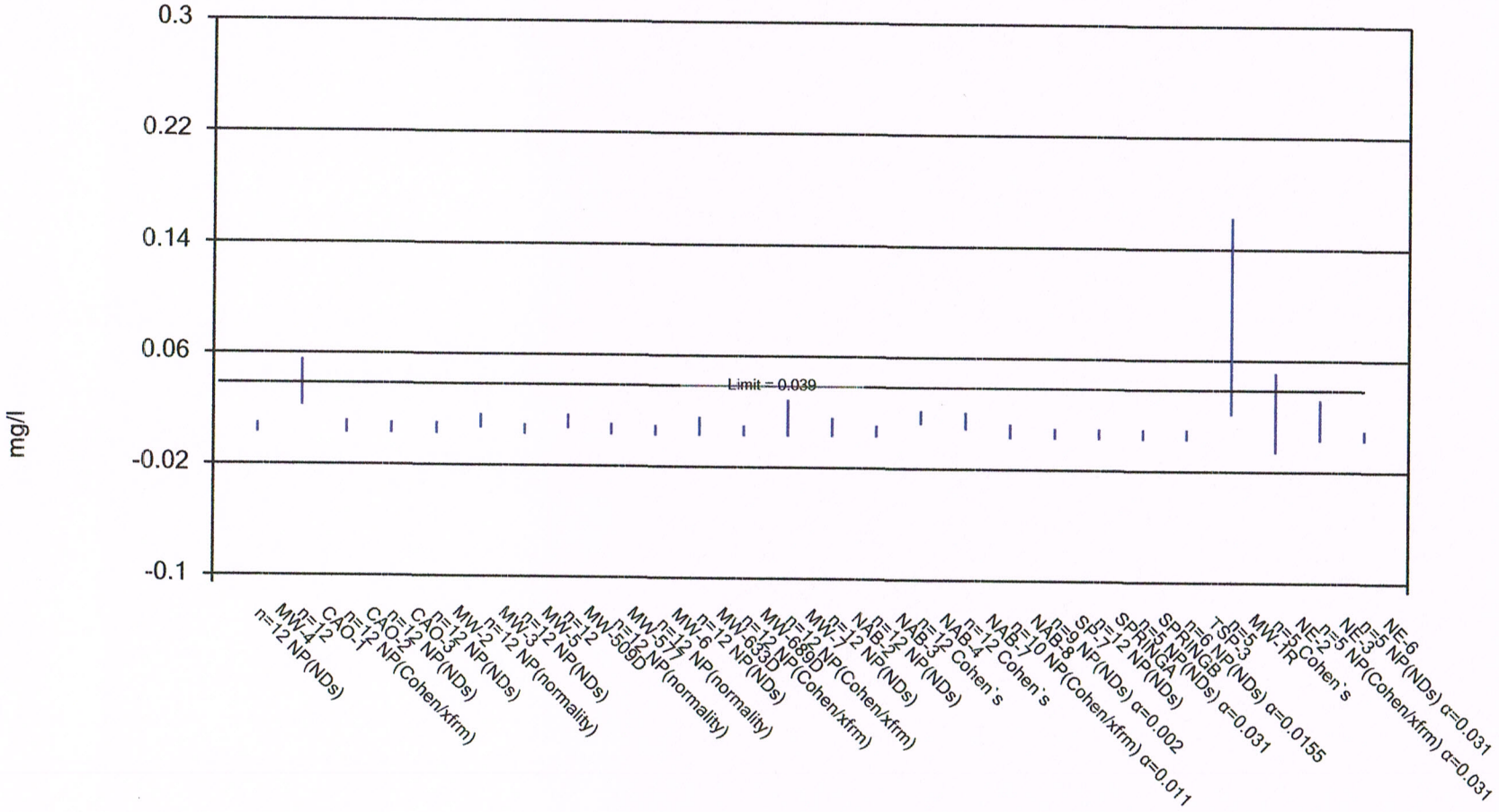


Constituent: Chromium Analysis Run 8/17/2015 4:06 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

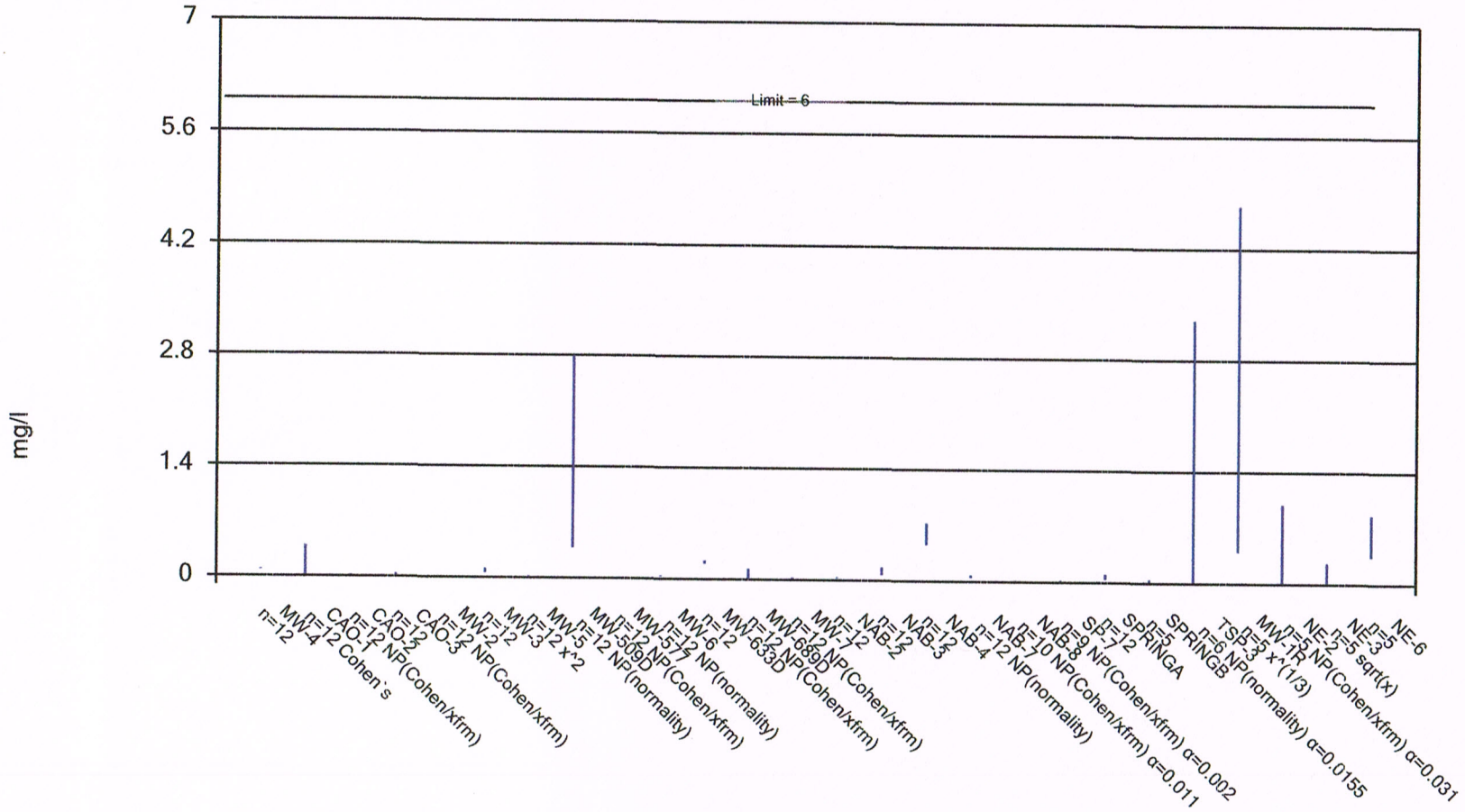


Constituent: Nickel Analysis Run 8/17/2015 4:06 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

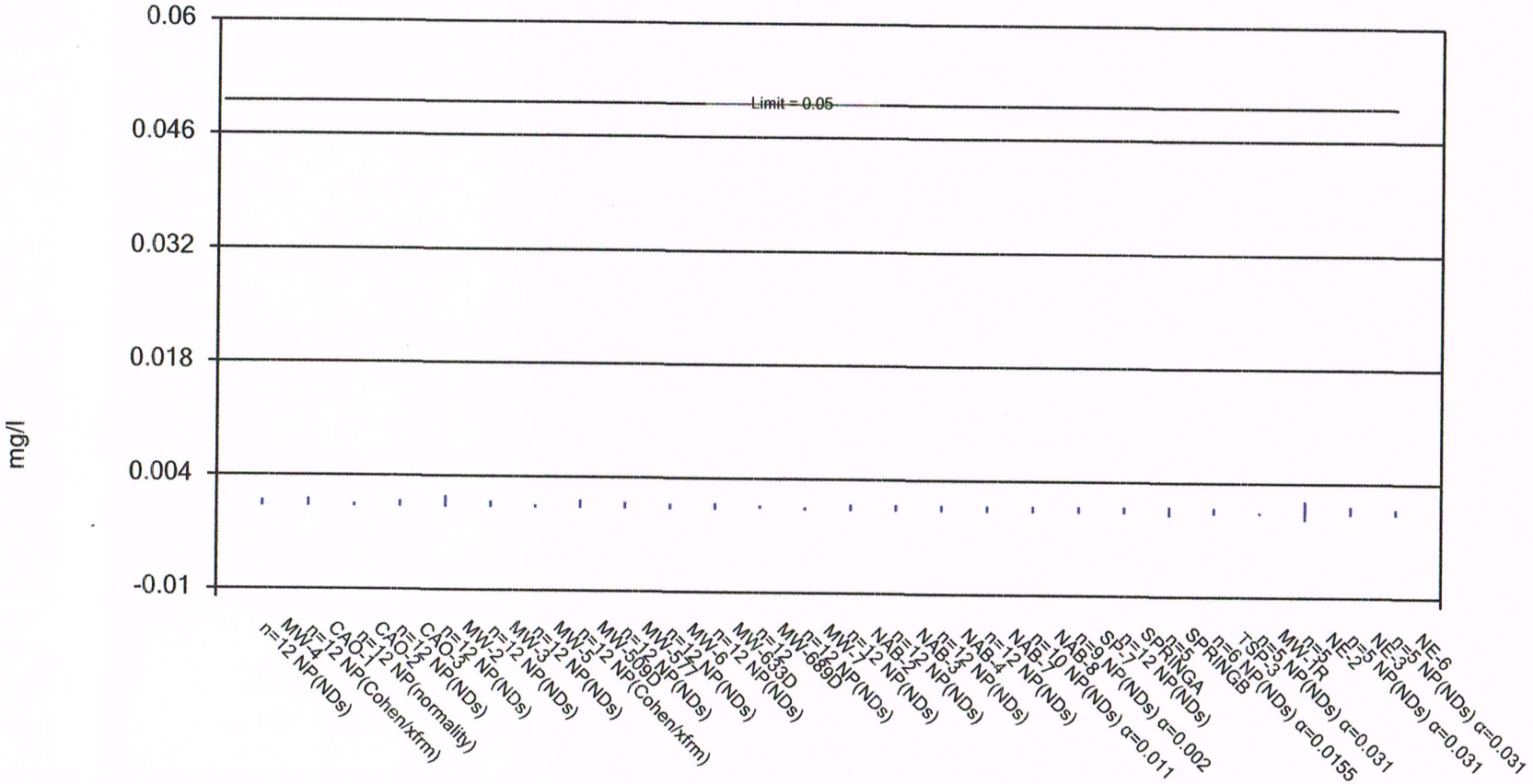


Constituent: Zinc Analysis Run 8/17/2015 4:07 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

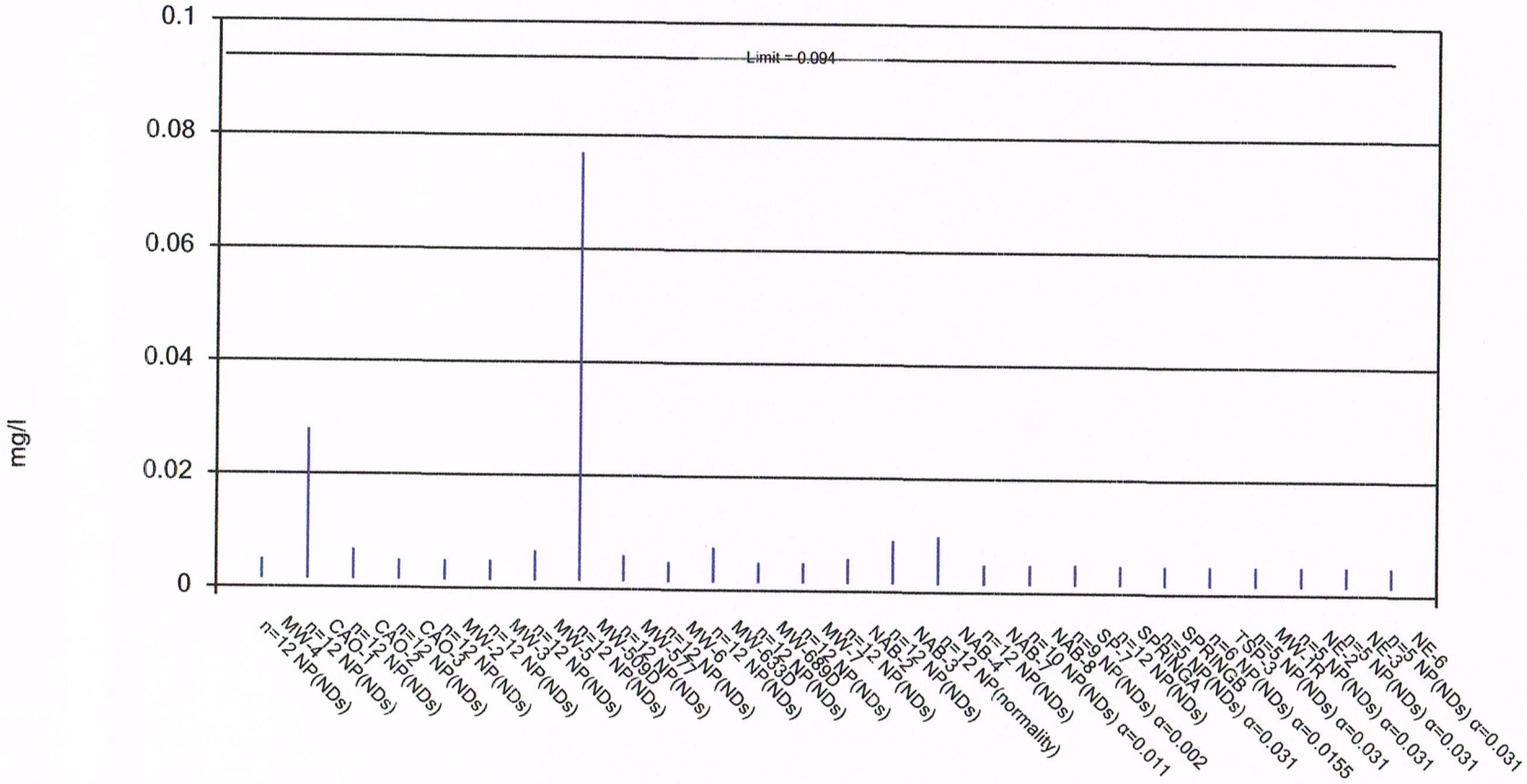


Constituent: Selenium Analysis Run 8/17/2015 4:07 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

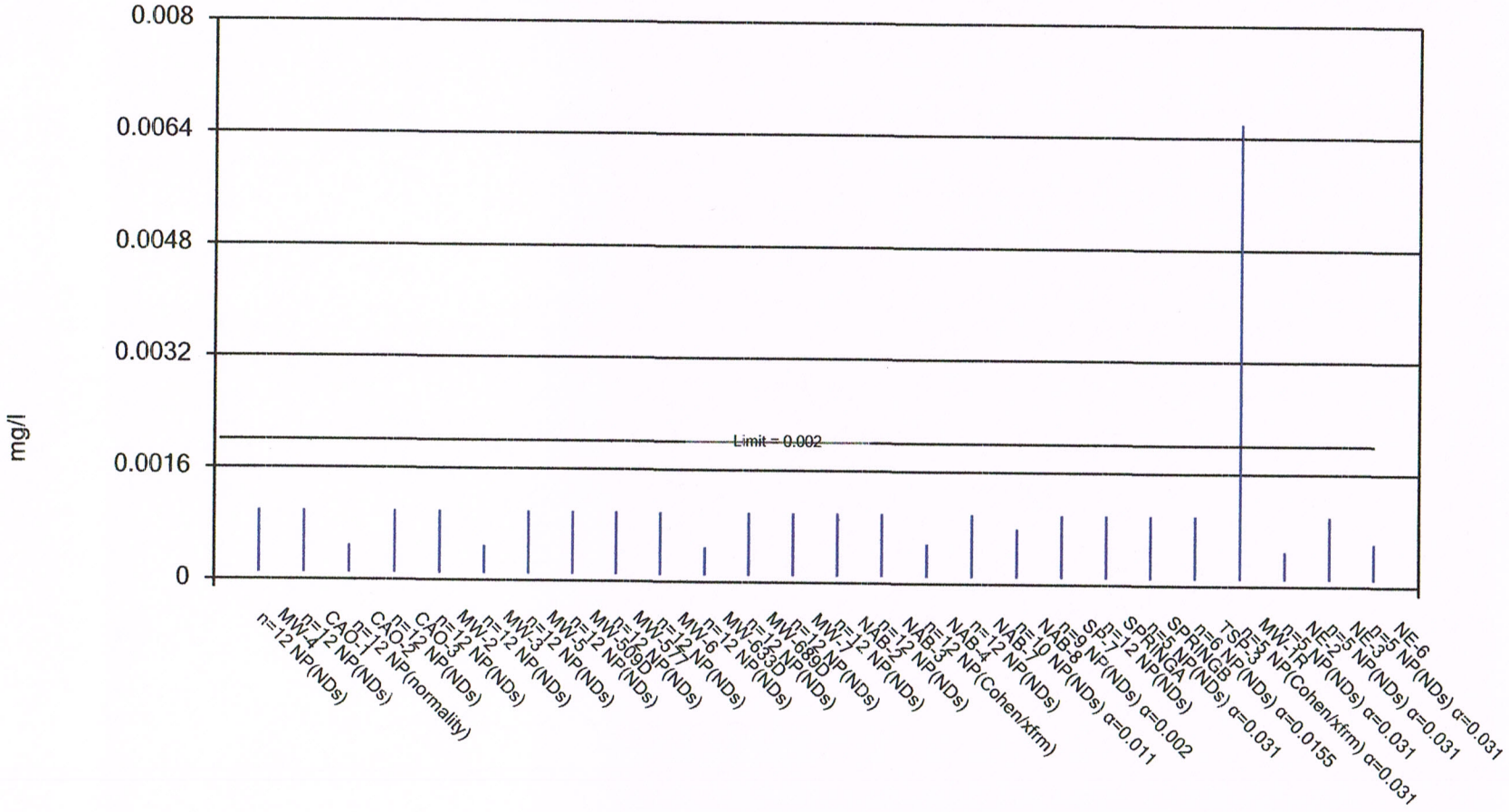


Constituent: Silver Analysis Run 8/17/2015 4:08 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

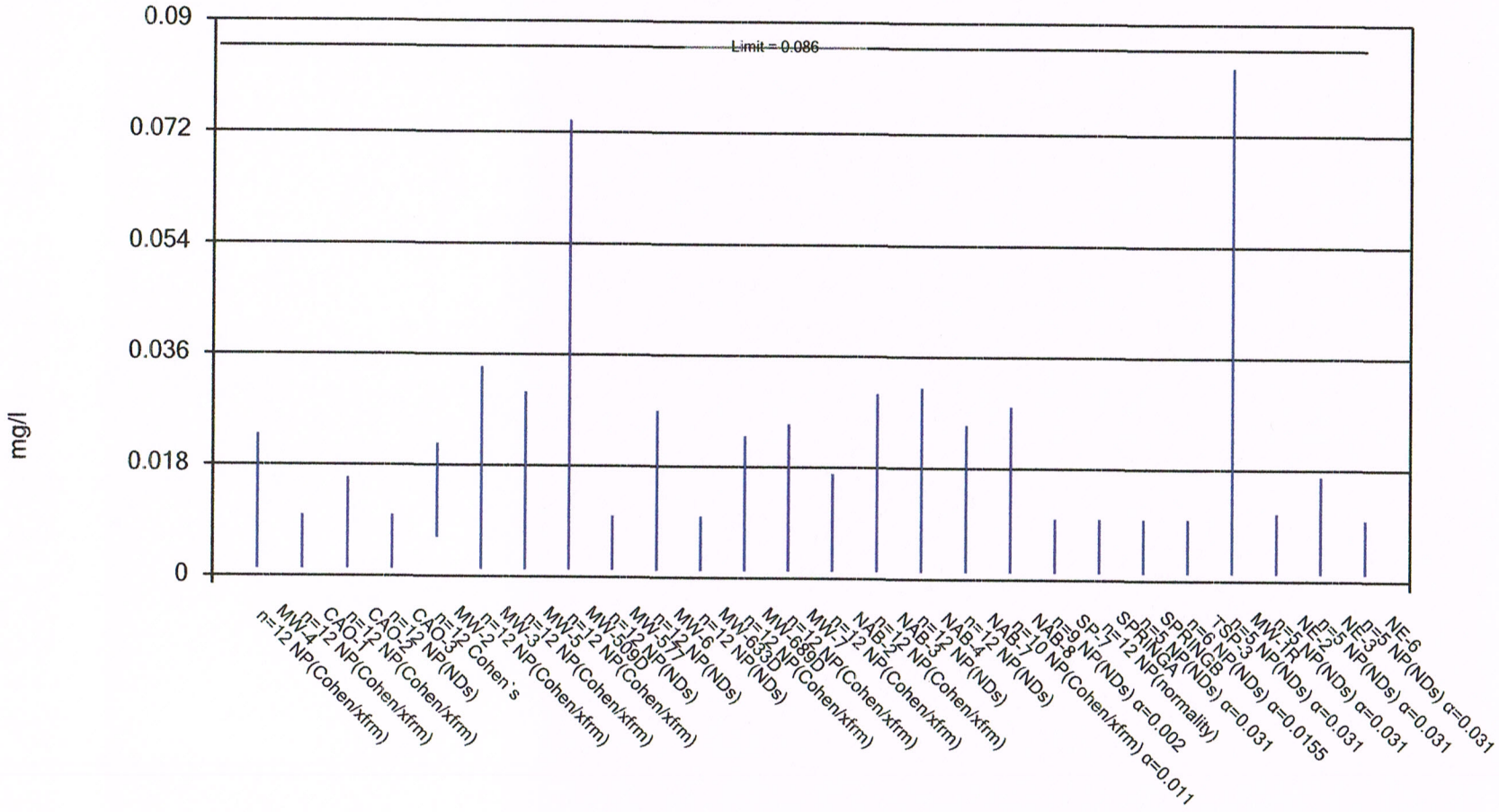


Constituent: Thallium Analysis Run 8/17/2015 4:08 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

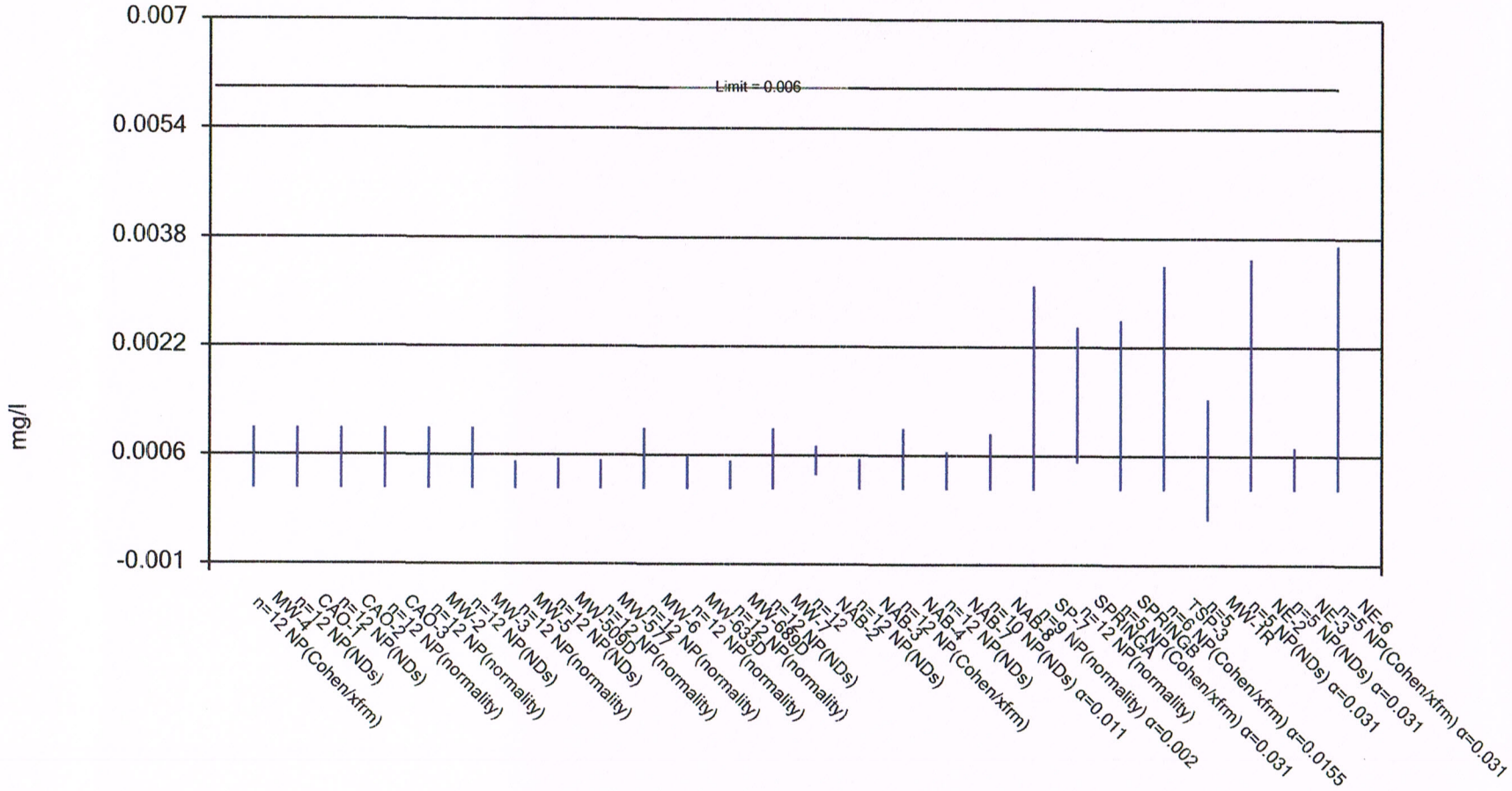


Constituent: Vanadium Analysis Run 8/17/2015 4:08 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

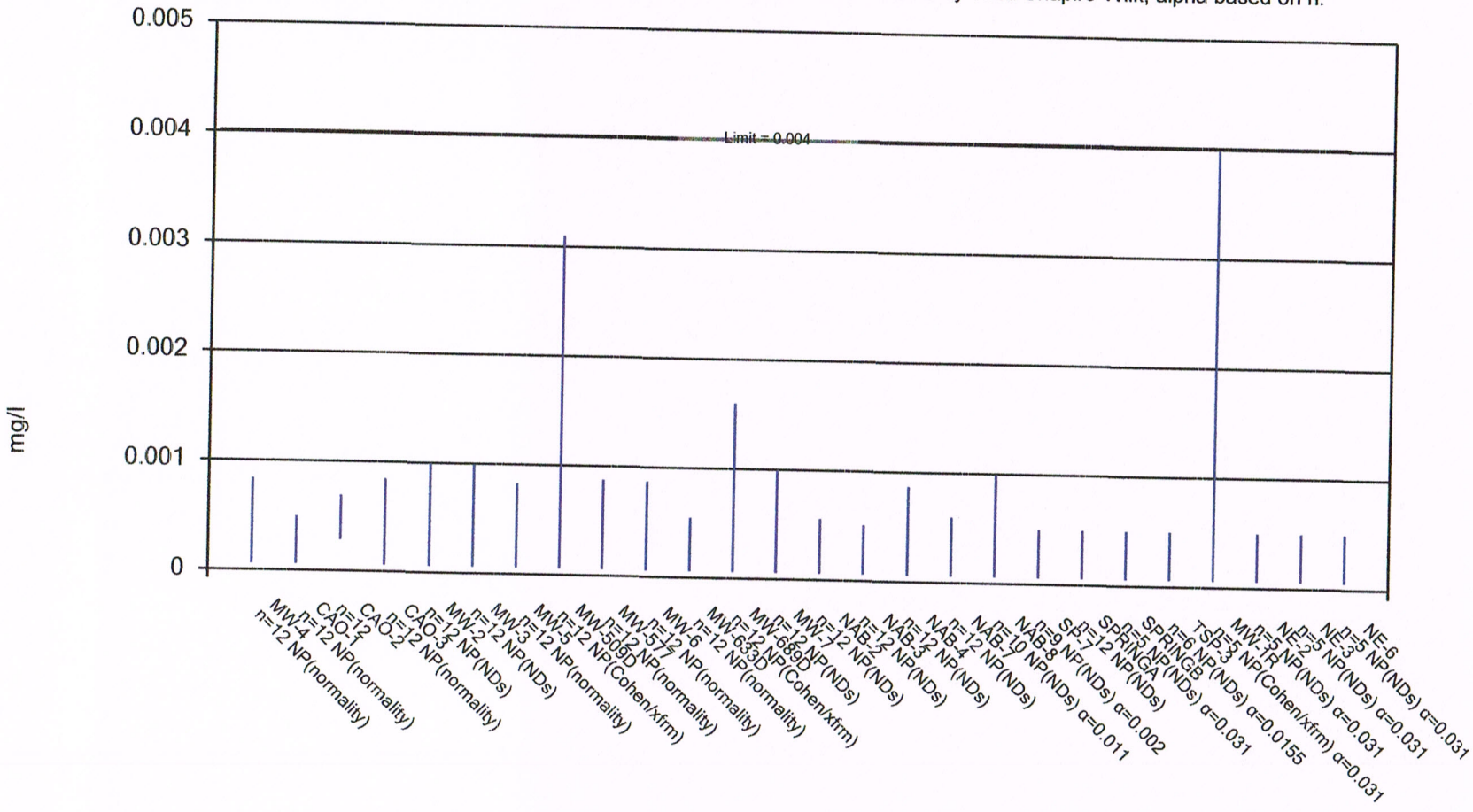


Constituent: Antimony Analysis Run 8/17/2015 4:09 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

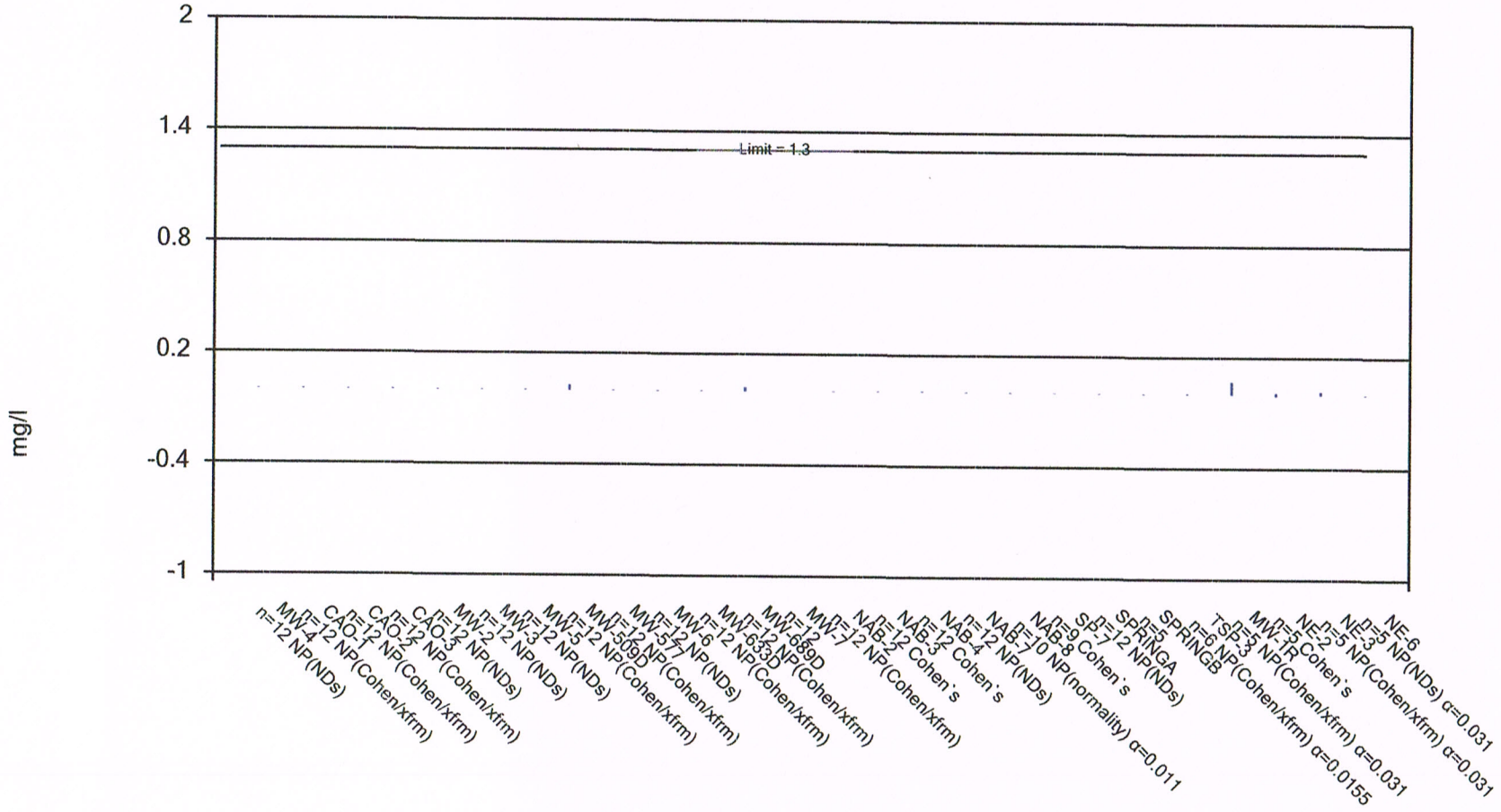


Constituent: Beryllium Analysis Run 8/17/2015 4:09 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

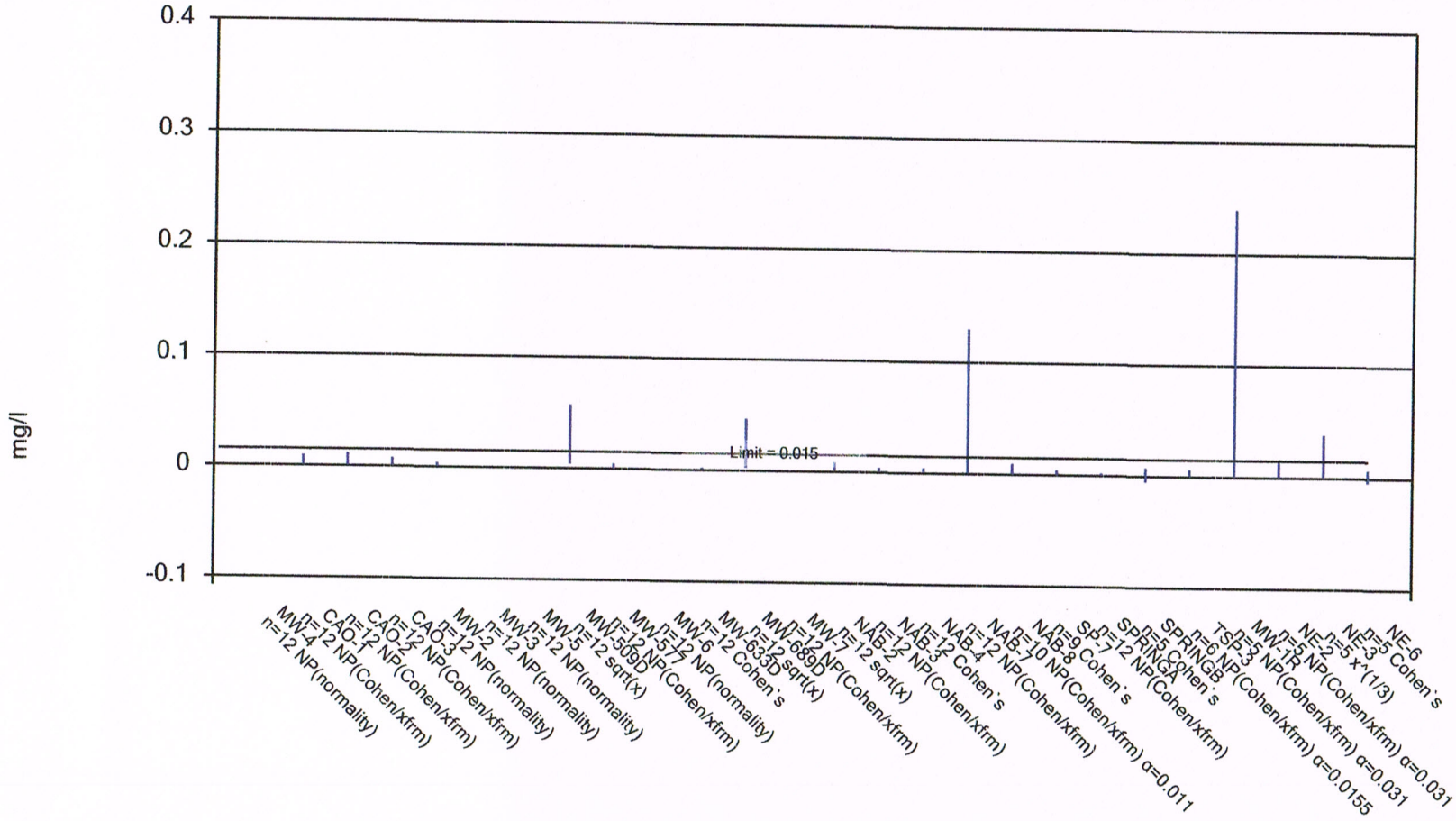


Constituent: Copper Analysis Run 8/17/2015 4:09 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

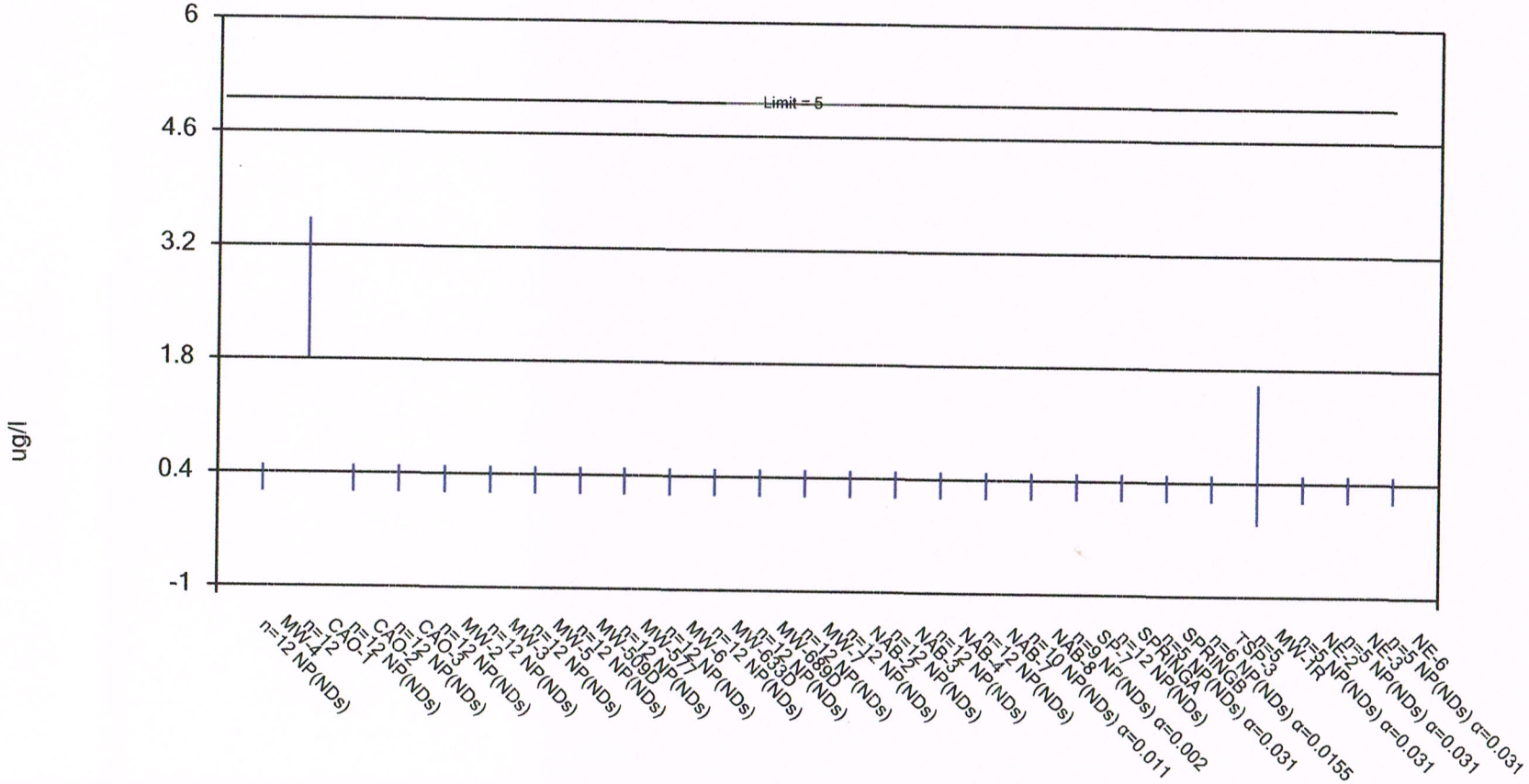


Constituent: Lead Analysis Run 8/17/2015 4:10 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

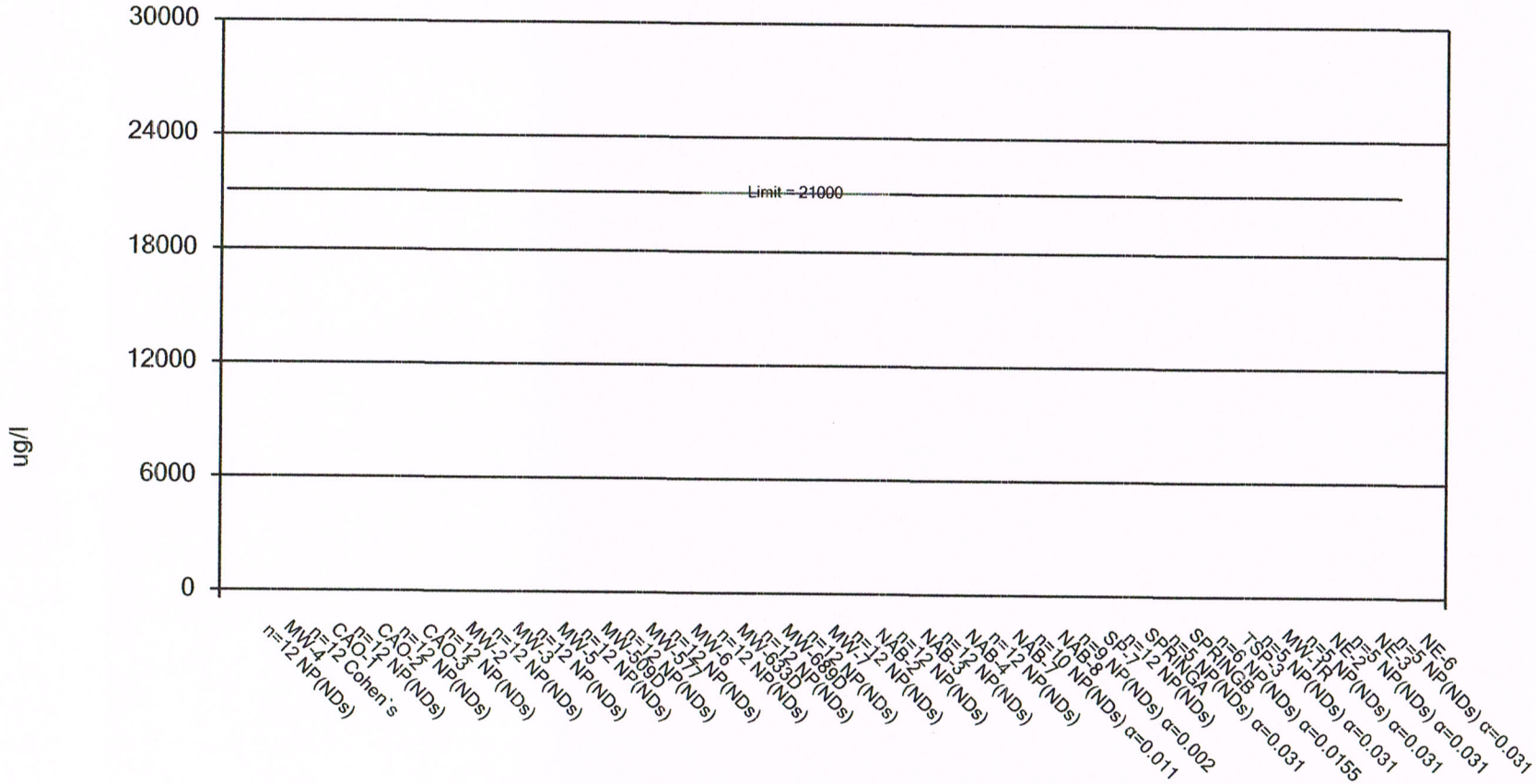


Constituent: Benzene Analysis Run 8/17/2015 4:11 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

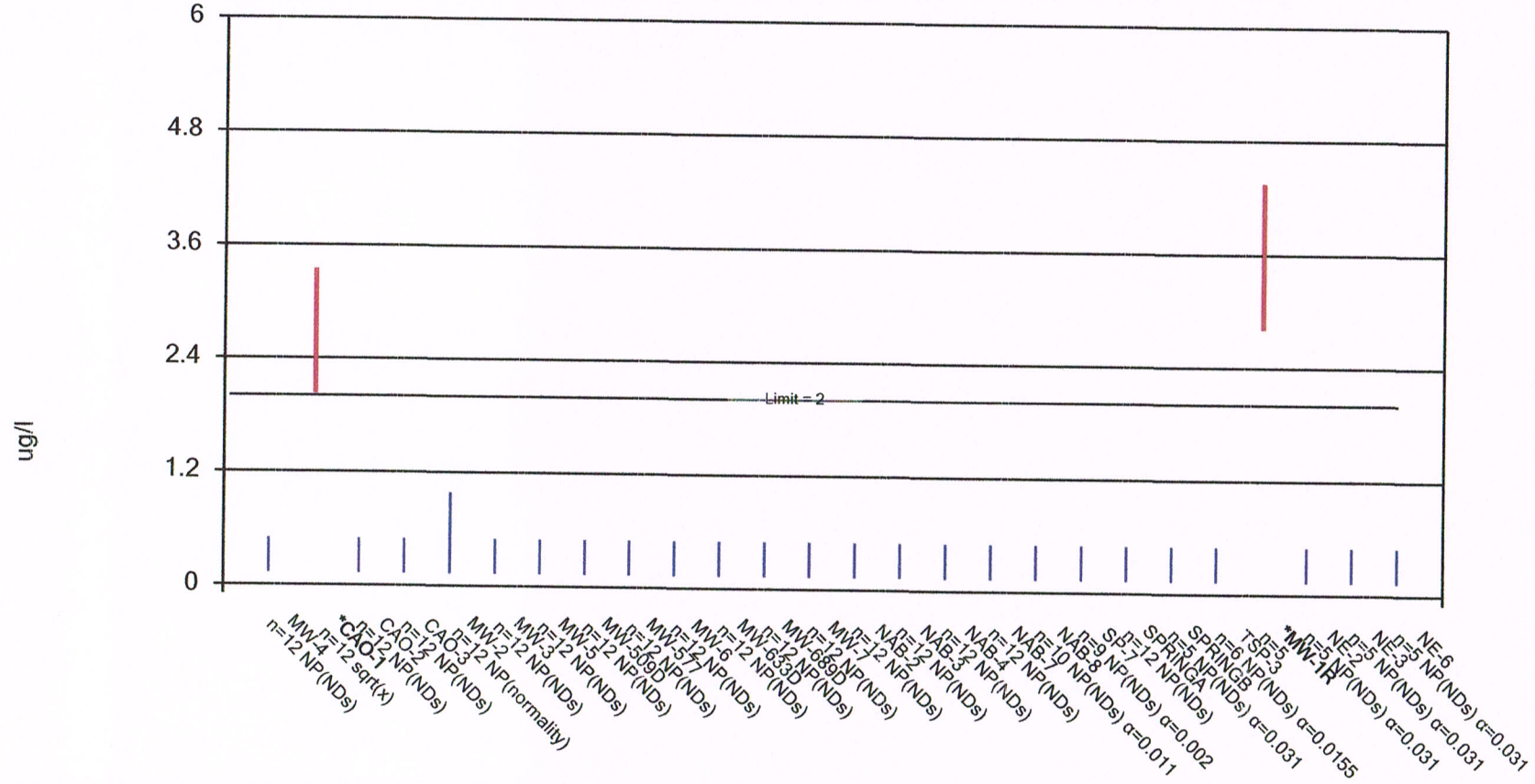


Constituent: Chloroethane Analysis Run 8/17/2015 4:12 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

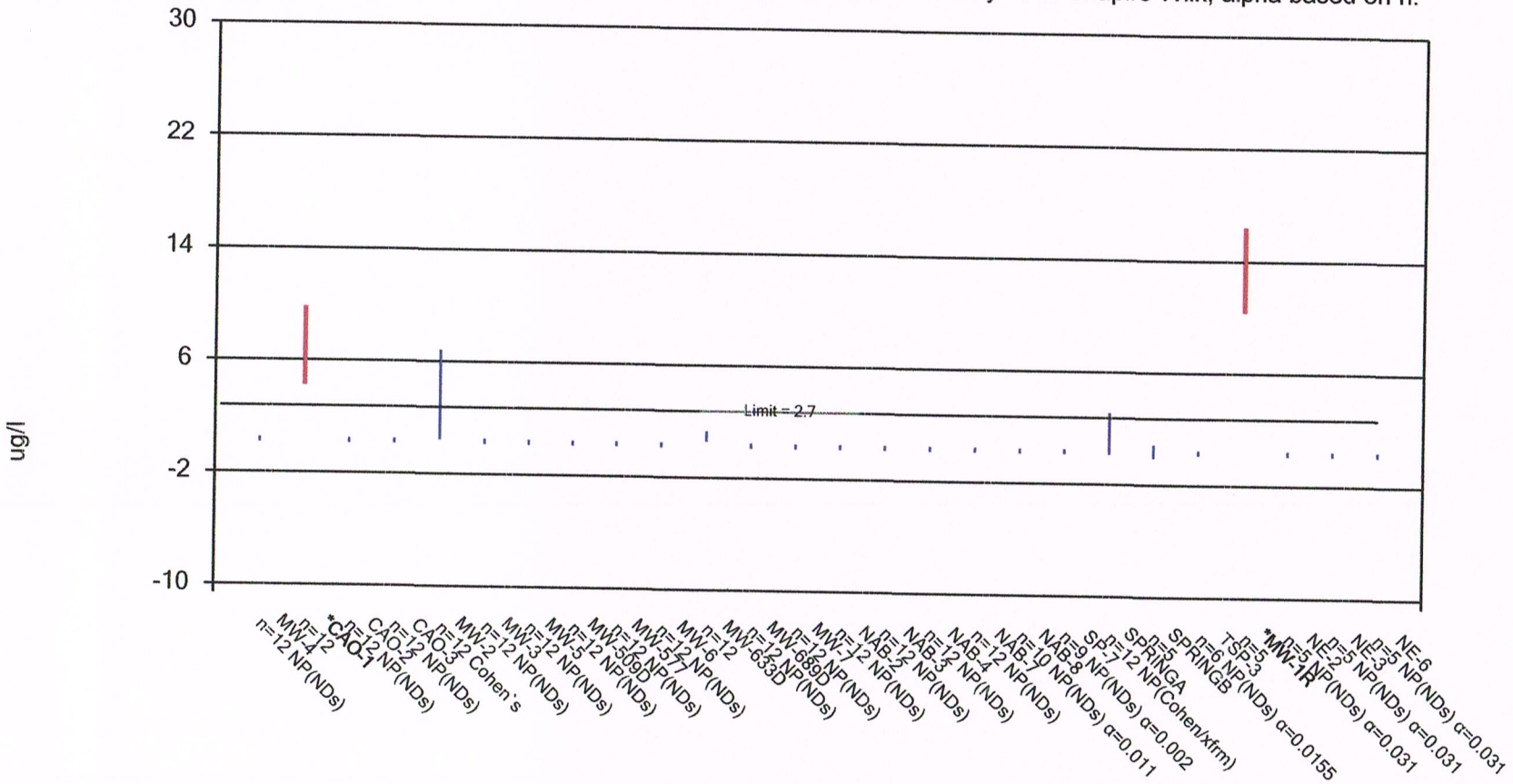


Constituent: Vinyl chloride Analysis Run 8/17/2015 4:12 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

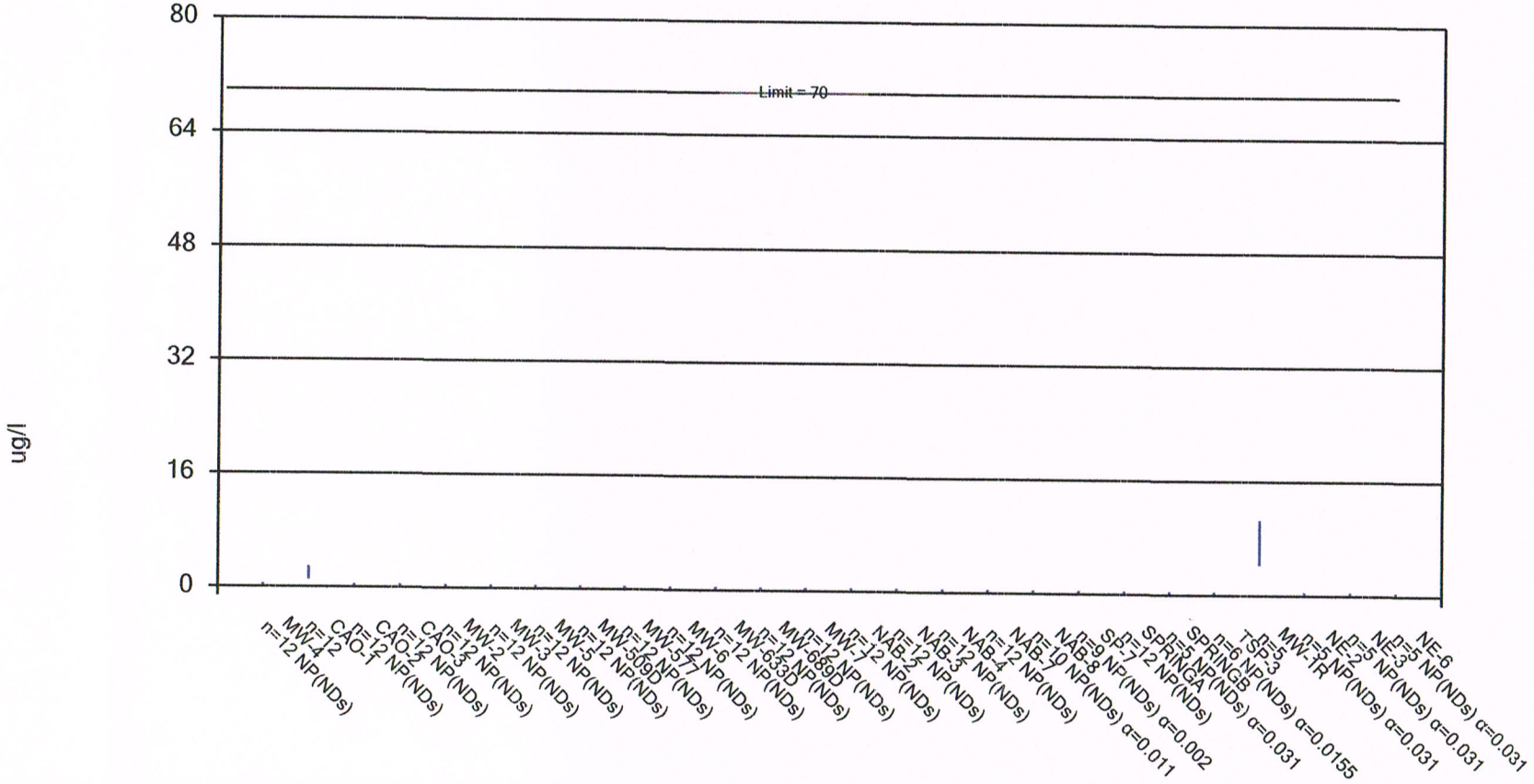


Constituent: 1,1-Dichloroethane Analysis Run 8/17/2015 4:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

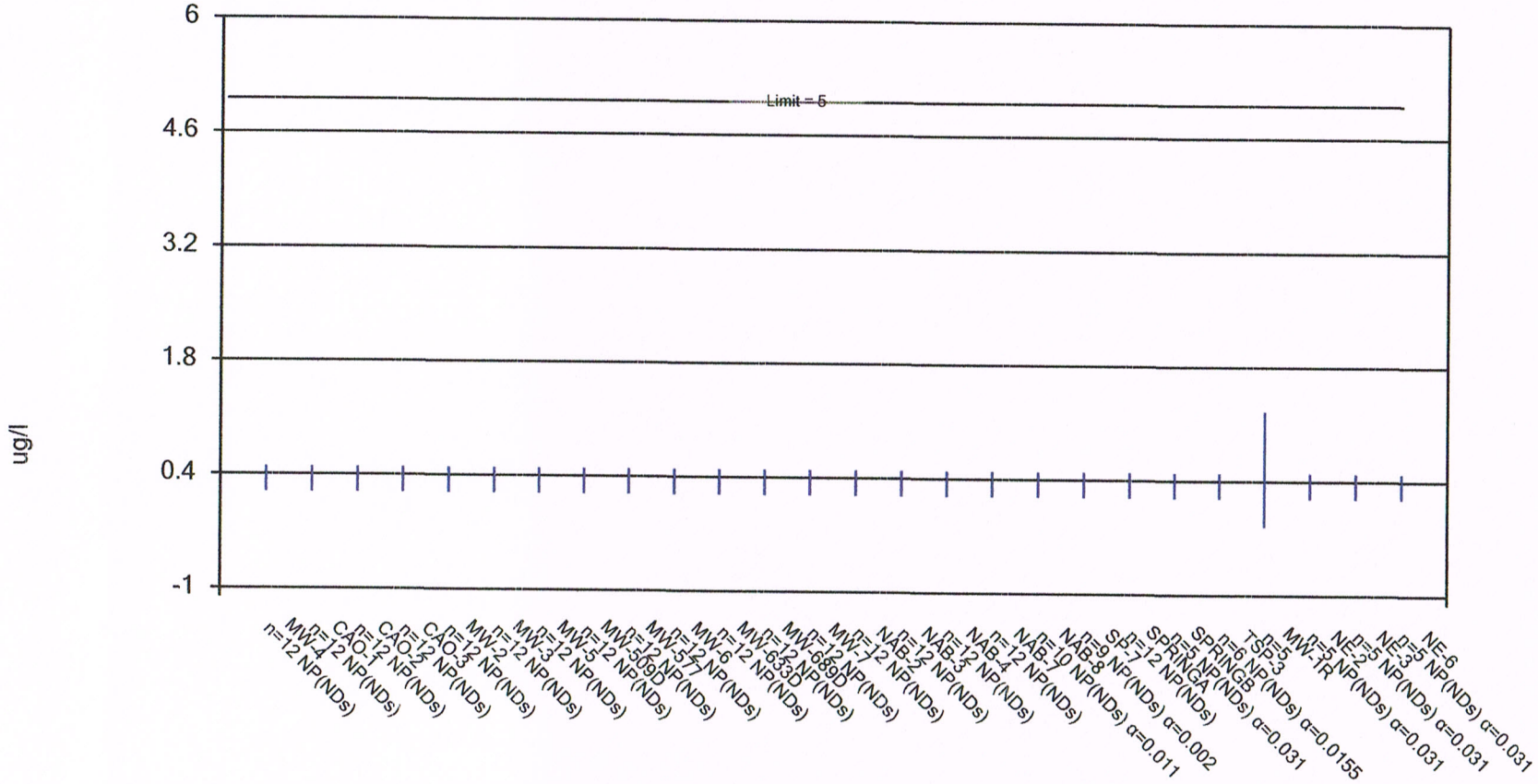


Constituent: cis-1,2-Dichloroethene Analysis Run 8/17/2015 4:15 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

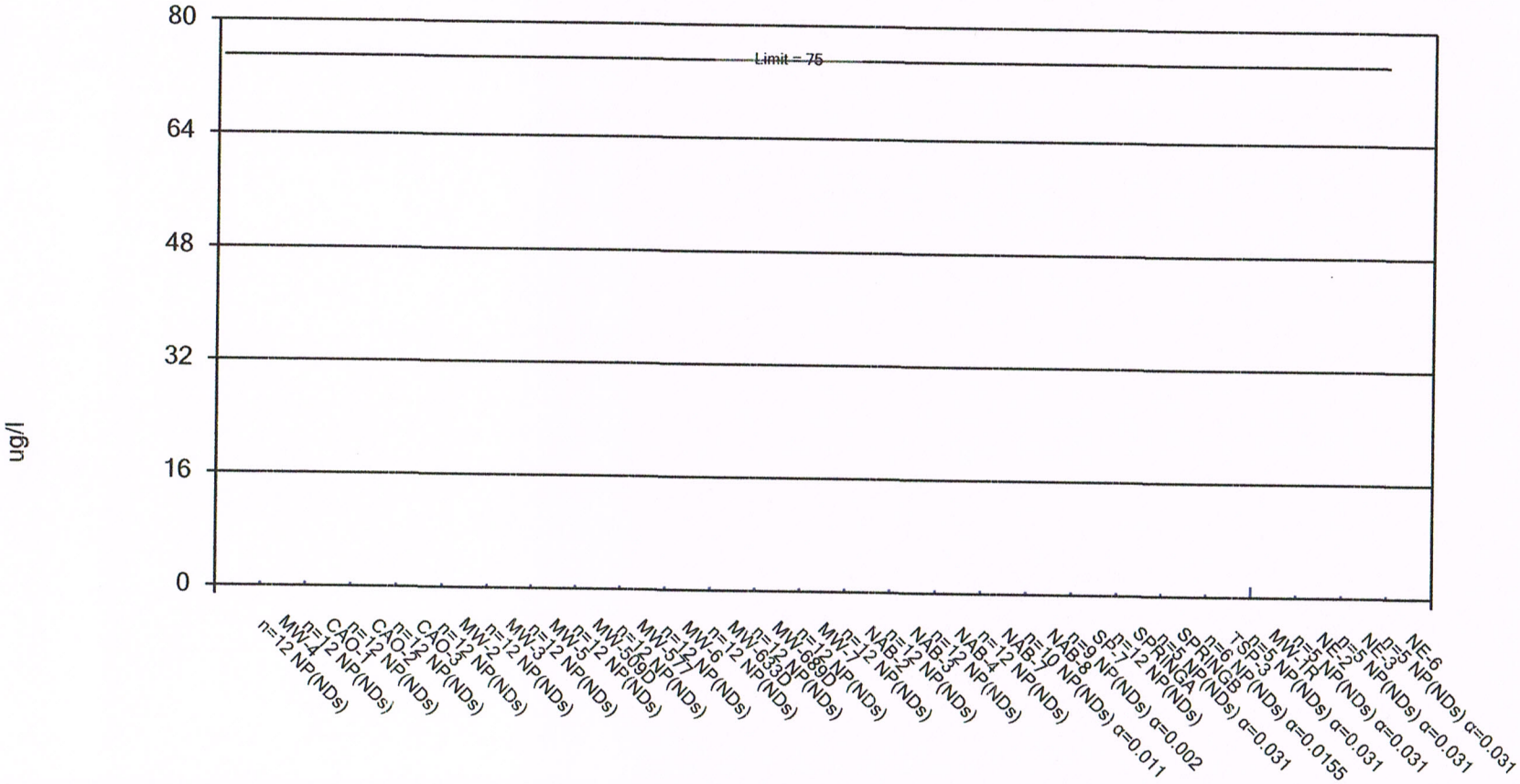


Constituent: Tetrachloroethene Analysis Run 8/17/2015 4:16 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

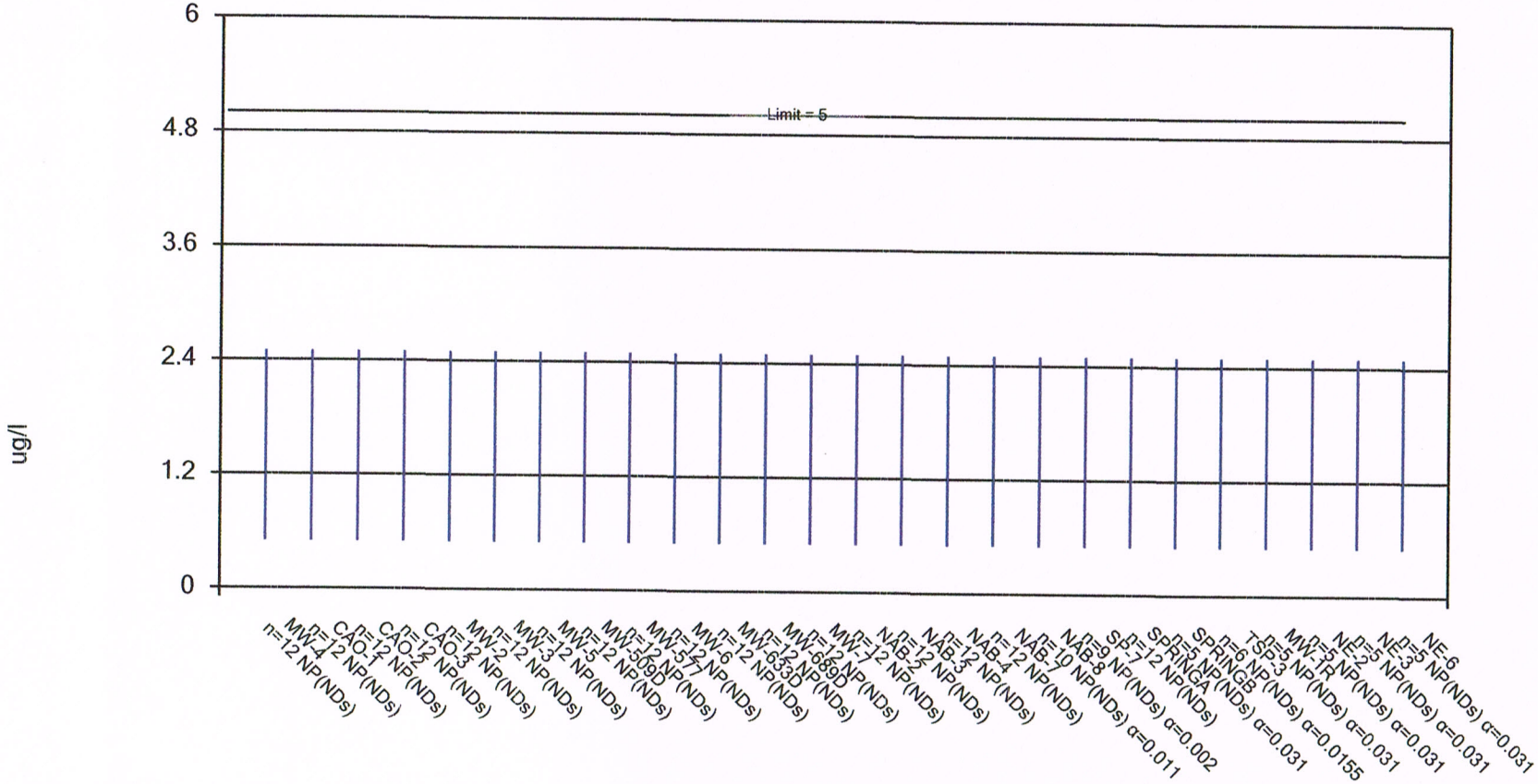


Constituent: 1,4-Dichlorobenzene Analysis Run 8/17/2015 4:16 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

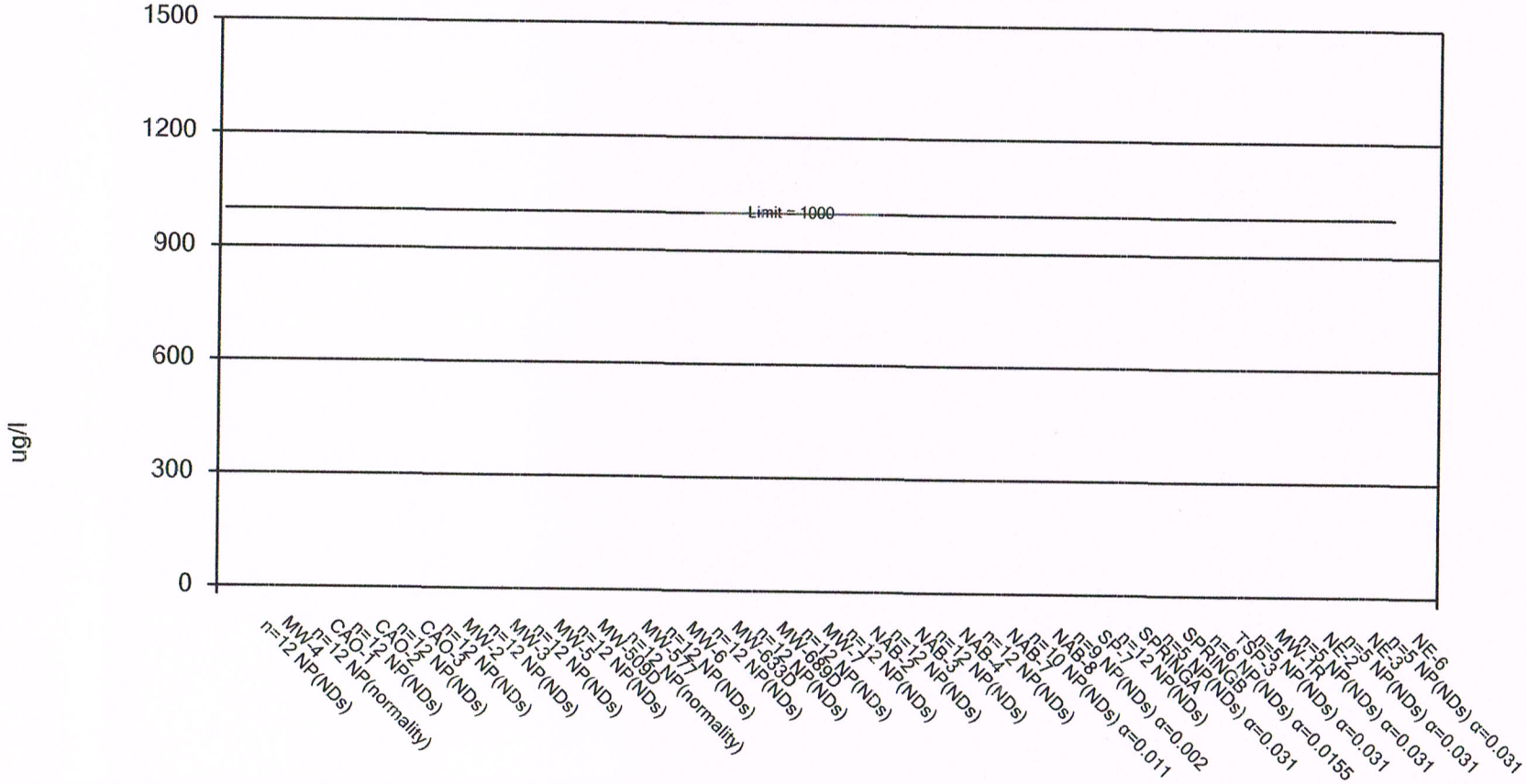


Constituent: Methylene Chloride Analysis Run 8/17/2015 4:19 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

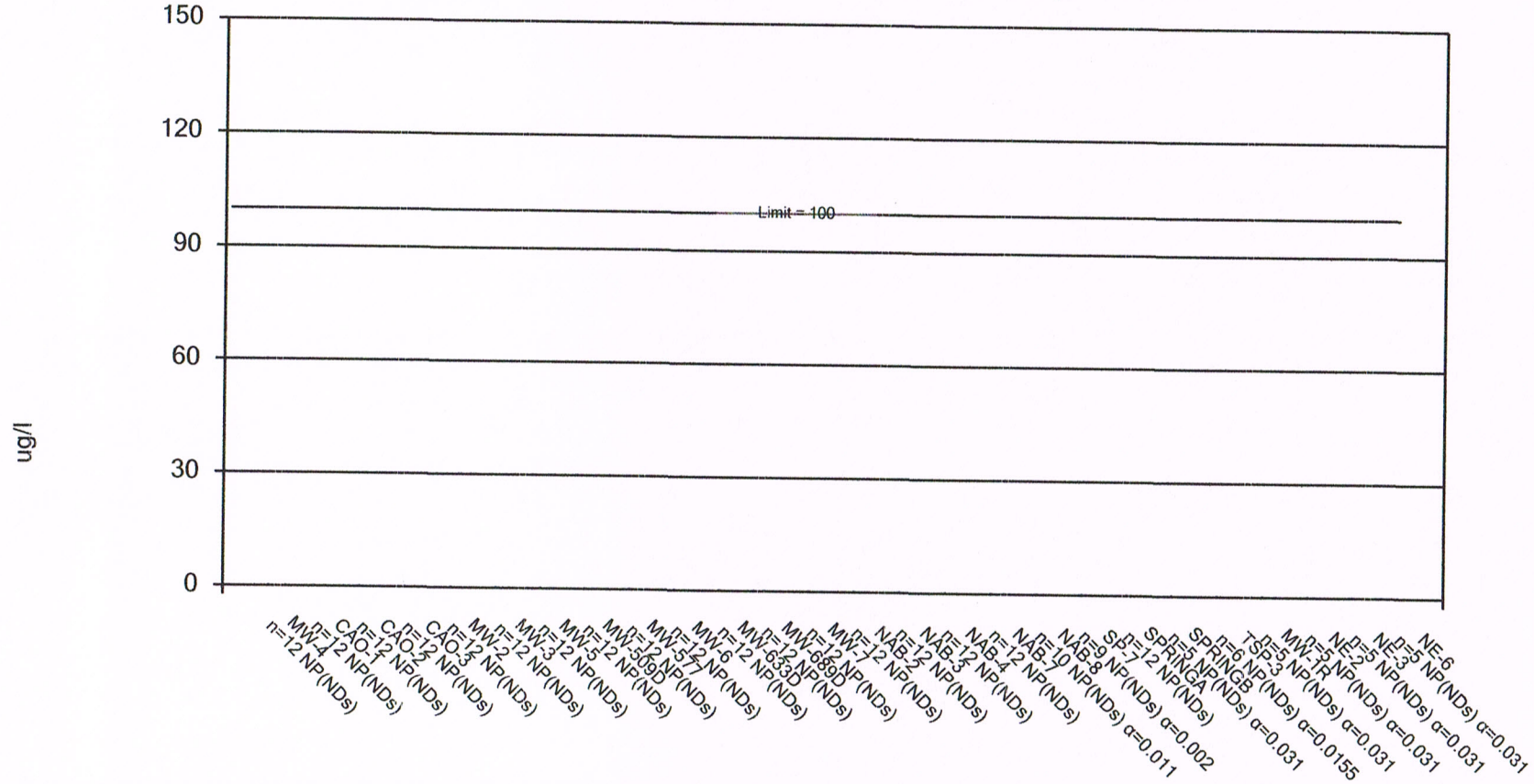


Constituent: Toluene Analysis Run 8/17/2015 4:20 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

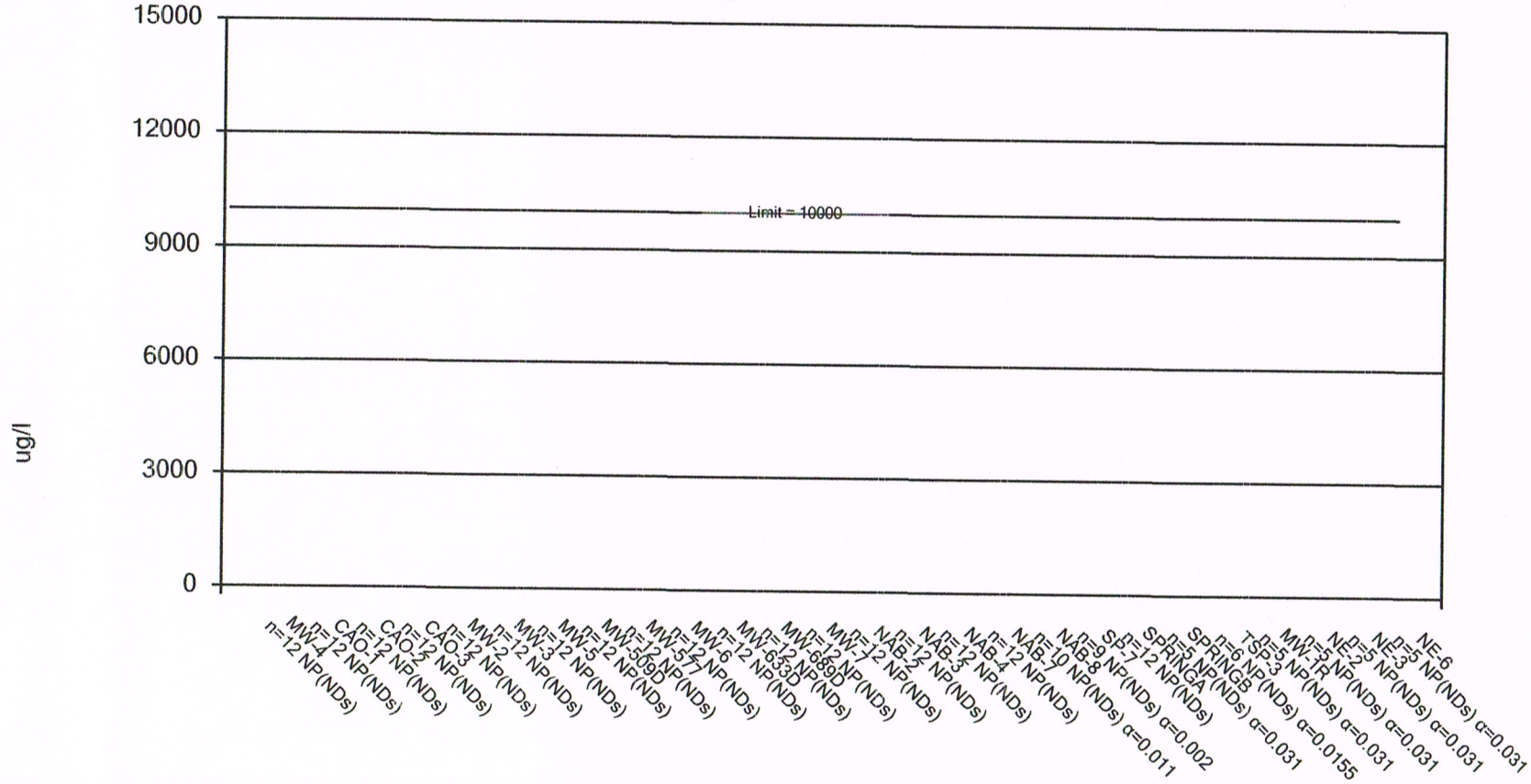


Constituent: trans-1,2-Dichloroethene Analysis Run 8/17/2015 4:20 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

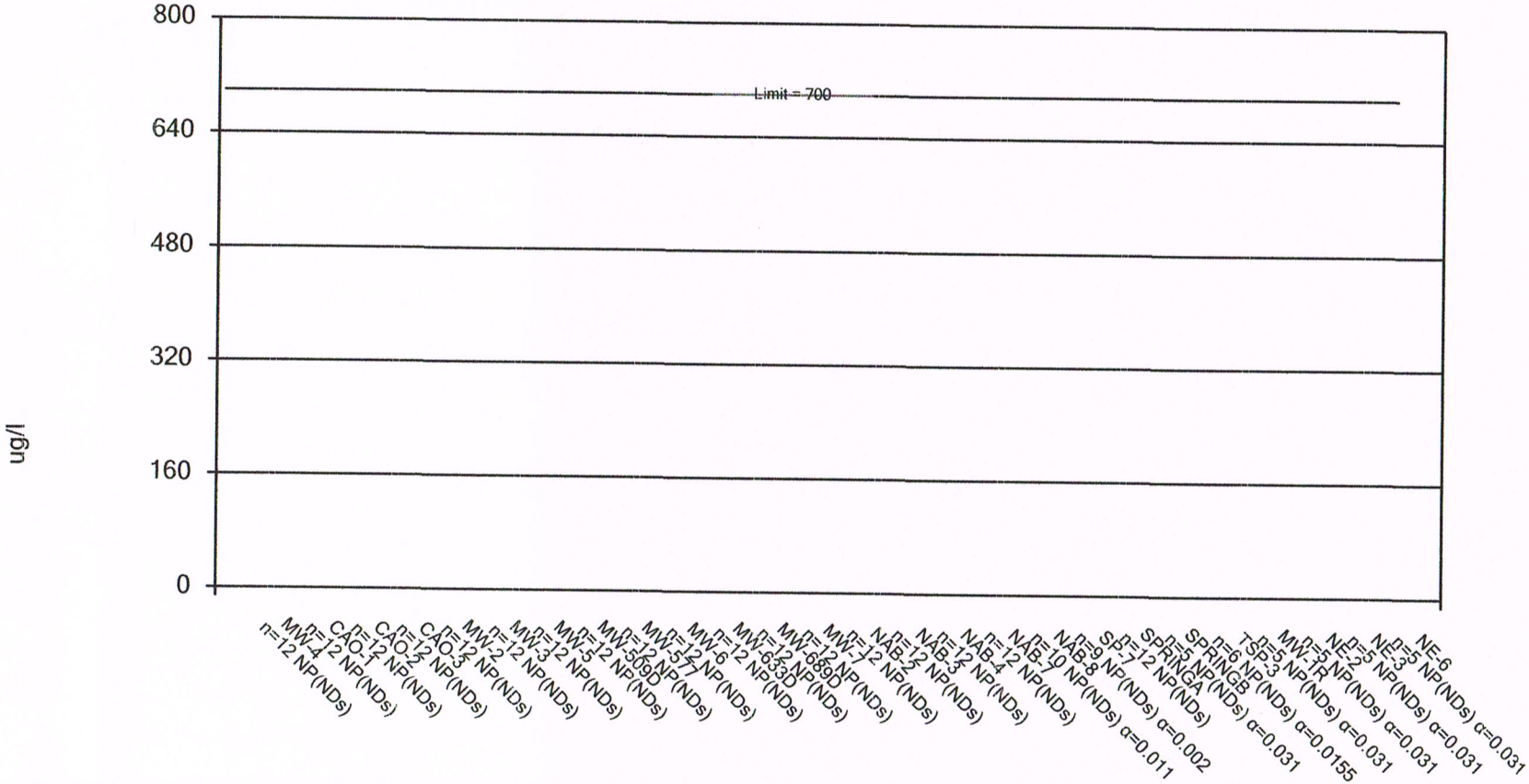


Constituent: Xylenes, Total Analysis Run 8/17/2015 4:20 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

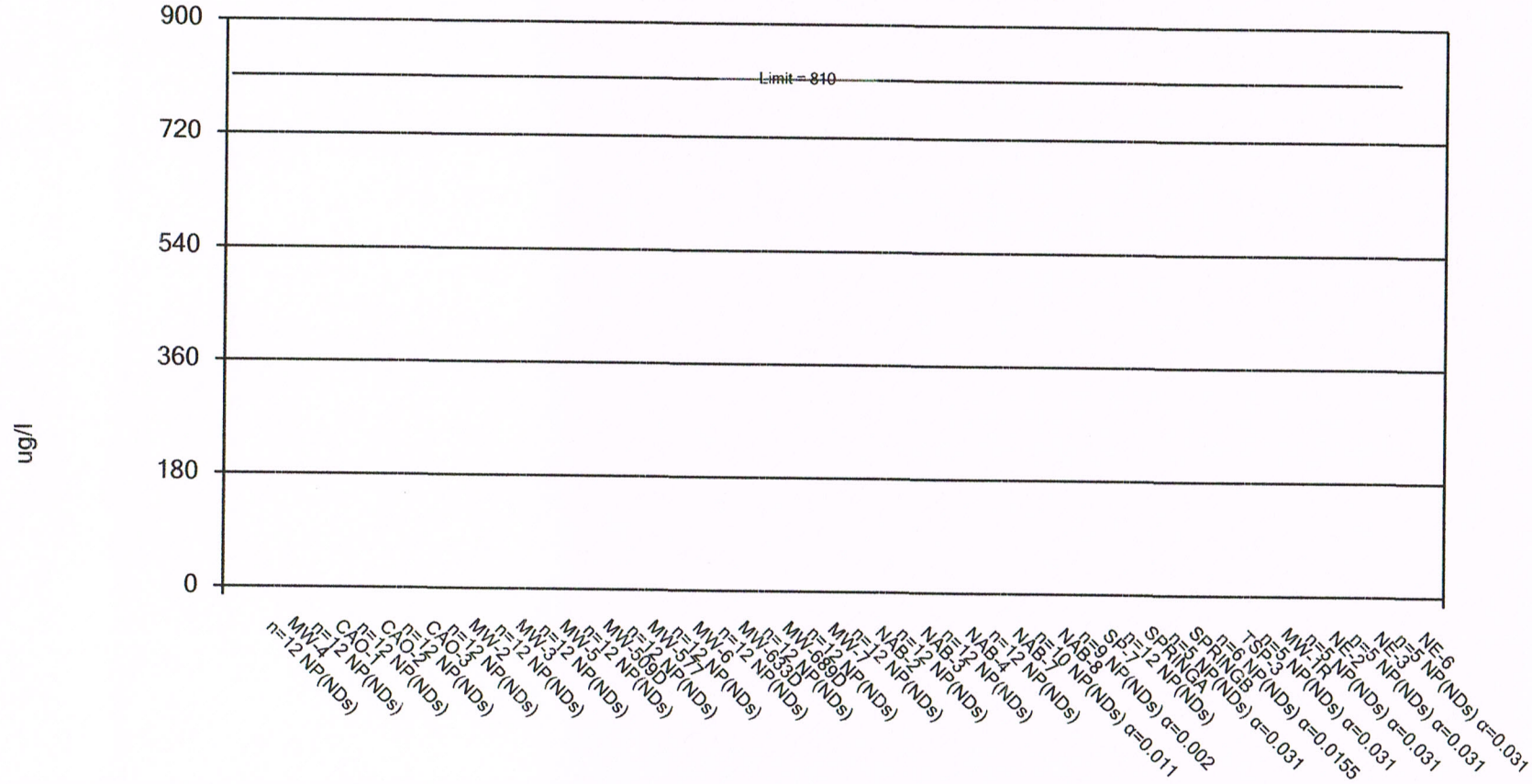


Constituent: Ethylbenzene Analysis Run 8/17/2015 4:21 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

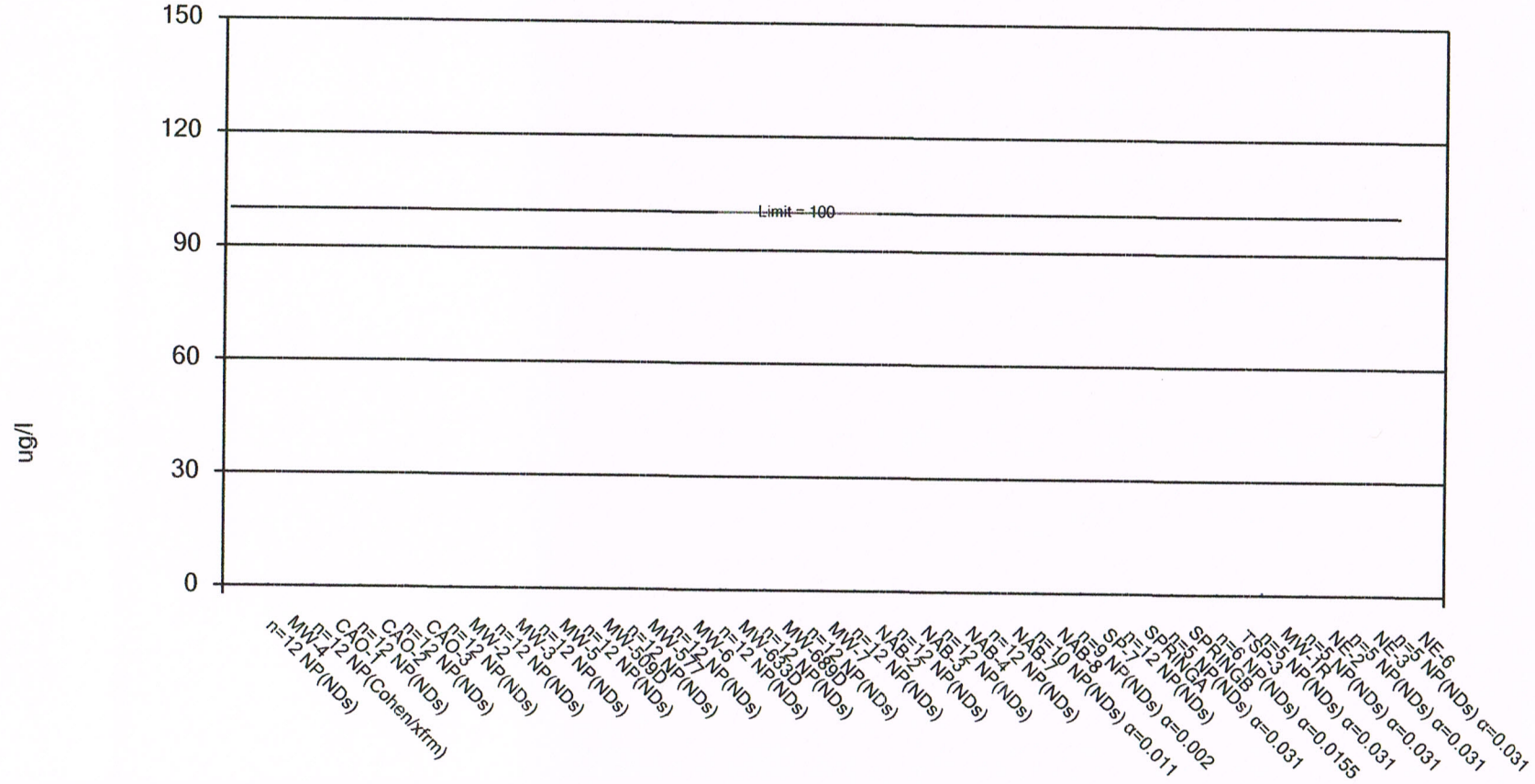


Constituent: Carbon disulfide Analysis Run 8/17/2015 4:21 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

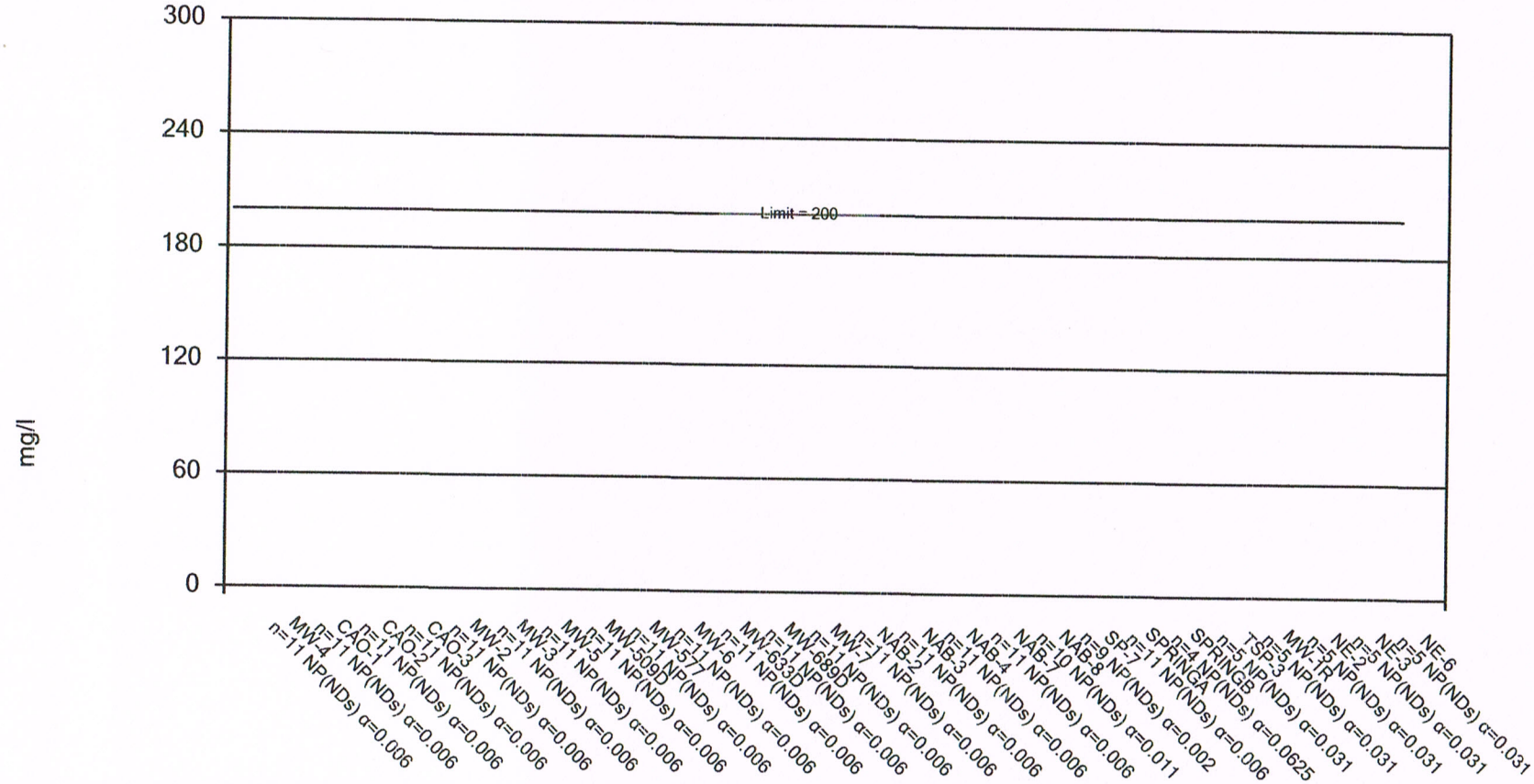


Constituent: Chlorobenzene Analysis Run 8/17/2015 4:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

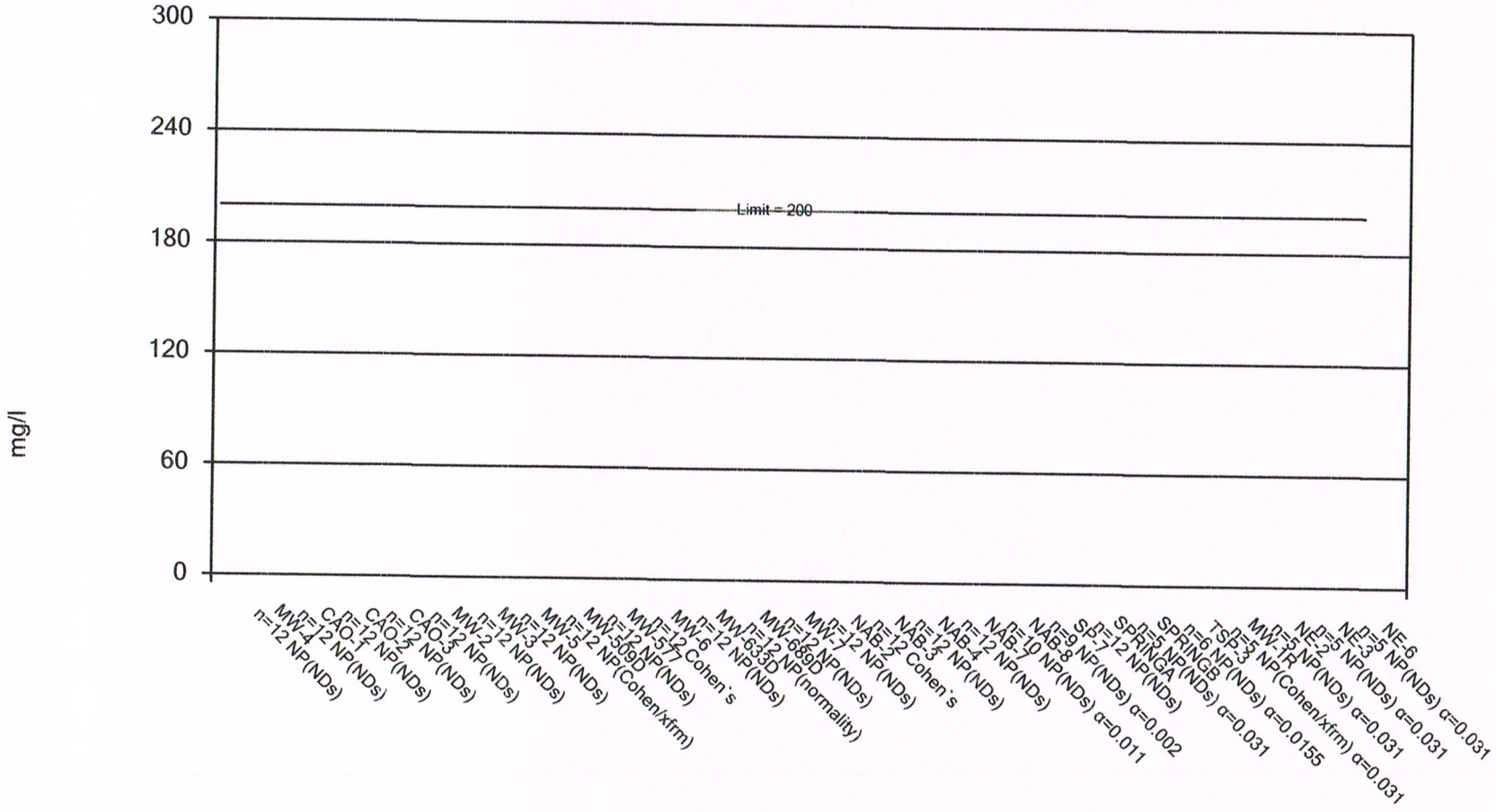


Constituent: Cyanide Analysis Run 8/17/2015 4:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

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.

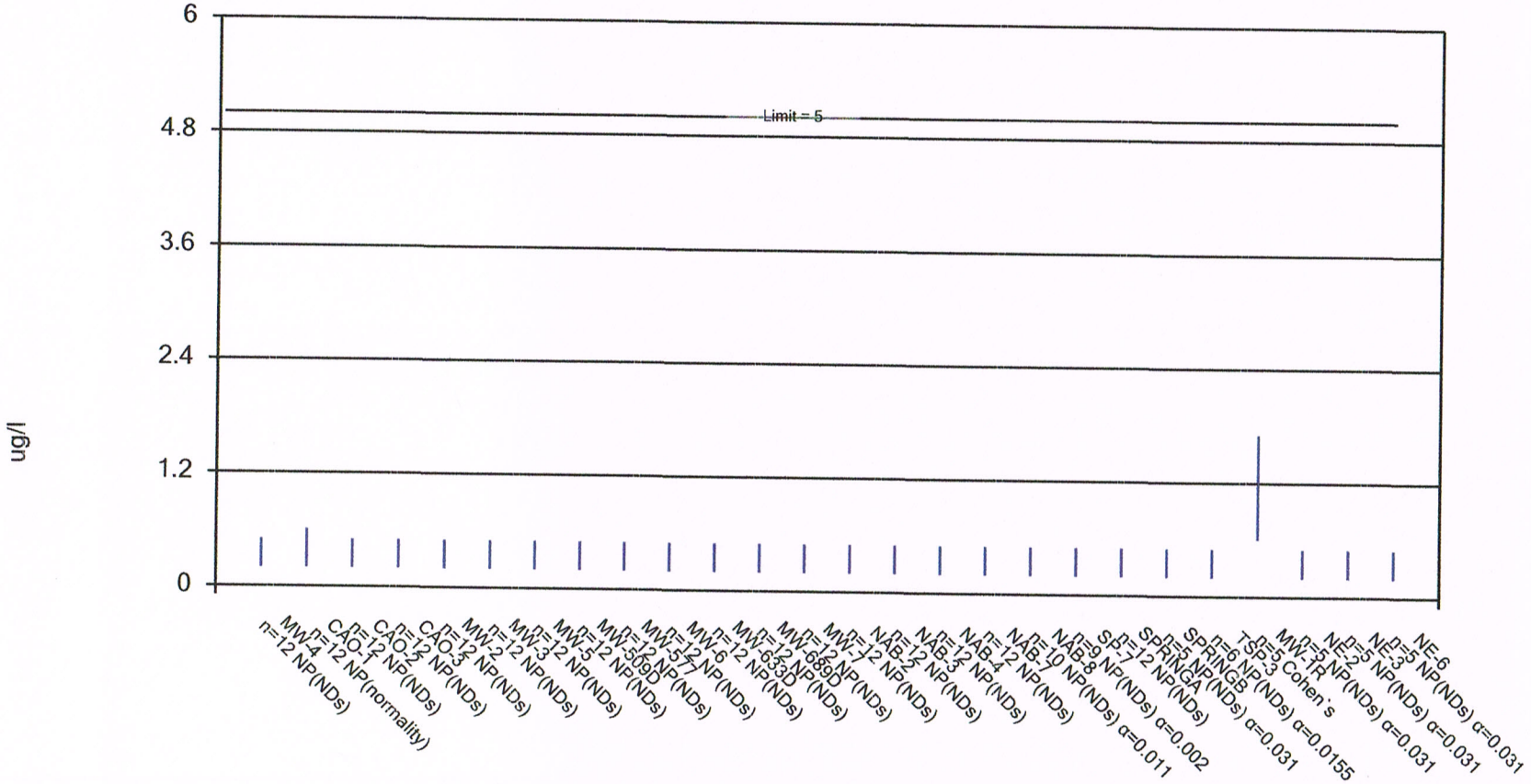


Constituent: Mercury Analysis Run 8/17/2015 4:22 PM

NABORS Client: SCS Engineers Data: NABORS flat

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 8/17/2015 4:23 PM

NABORS Client: SCS Engineers Data: NABORS flat