

Rieger, Caroline

To: Cramer, Robert
Subject: RE: Final October 2018 GW Monitoring Report - NABORS

From: Shafii, Mo
Sent: Monday, June 10, 2019 2:04 PM
To: Cramer, Robert
Subject: FW: Final October 2018 GW Monitoring Report - NABORS

Robert;

Please find attached the revised GW monitoring based on your comments.

Thanks

Mo

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From: Tom Huetter [<mailto:thuetter@harborenv.com>]
Sent: Monday, June 10, 2019 1:35 PM
To: Shafii, Mo
Cc: Lisa Rotenberry; Leslie Davis
Subject: Final October 2018 GW Monitoring Report - NABORS

Mo-

Attached is the revised final October 2018 GW monitoring report for NABORS Landfill. I also included a memo with response to the original comments.

Thanks,

-Tom

Thomas A. Huetter, PG, RG, *Senior Project Manager*
HARBOR · C 501-205-9569 · thuetter@harborenv.com

Harbor Environmental | Safety | Engineering
5800 Evergreen Dr.
Little Rock, AR 72205
P 501.663.8800 | F 501.588.0123
www.harborenv.com





REPORT OF OCTOBER 2018 GROUNDWATER MONITORING EVENT

Client:

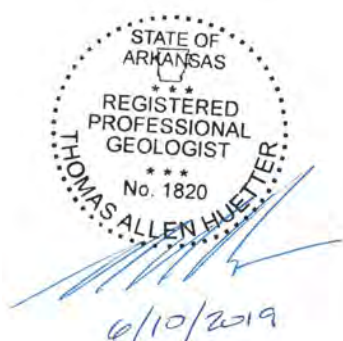
ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
5301 Northshore Drive
North Little Rock, AR 72118-5317
Phone: 501-682-0616
Contact: Mo Shafii
Project Manager, Assessment & Remediation
Office of Land Resources
shafii@adeq.state.ar.us

NABORS Landfill

Three Brothers, Arkansas

Revision 1

June 2019



Prepared by:
Harbor Environmental and Safety
5800 Evergreen Drive
Little Rock, Arkansas 722052
Phone: 501.663.8800

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Acronyms and Abbreviations

ADEQ	Arkansas Department of Environmental Quality
AMC	Assessment monitoring constituents
AMP	Assessment monitoring points
amsl	Above mean sea level
bgs	Below ground surface
°C	Degrees Celsius
DO	Dissolved oxygen
EPA	U.S. Environmental Protection Agency
GW	Groundwater
Harbor	Harbor Environmental and Safety
HASP	Health and Safety Plan
ID	Identification
IDW	Investigation-derived waste
LDPE	Low-density polyethylene
LE	Landfill Entrance (seep)
LLDPE	Linear low-density polyethylene
MCL	Maximum Contaminant Level
mg/L	milligrams per liter
MS/MSD	Matrix spike and matrix spike duplicate
mV	Millivolt
NABORS	North Arkansas Board of Regional Sanitation
NPDWR	National Primary Drinking Water Regulations
NSDWR	National Secondary Drinking Water Regulations
NTU	Nephelometric turbidity units
ORP	Oxidation-reduction potential
PG	Professional Geologist
PQL	Practical quantitation limit
PVC	Polyvinyl chloride
QA/QC	Quality Assurance/Quality Control
RSL	Risk-based screening levels
RPD	Relative percent difference
SAP	Sampling and Analysis Plan
SMCL	Secondary Maximum Contaminant Level
TD	Total depth
TDS	Total dissolved solids
TOC	Total organic carbon
TOC	Top of casing
USGS	United States Geological Survey
µS/cm	Micro Siemens per centimeter
VOC	Volatile organic compound

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1.0 Introduction

This groundwater monitoring report summarizes the October 2018 groundwater assessment monitoring report at the North Arkansas Board of Regional Sanitation (NABORS) Landfill (facility) near Three Brothers, Baxter County, Arkansas. Field work was conducted by Harbor Environmental and Safety (Harbor) on October 17-18, 2018, October 22-26, 2018, October 29-30, 2018 and November 2, 2018. All groundwater sampling activities were directed by an Arkansas-registered professional geologist (PG).

The NABORS Landfill is located approximately 0.7-mile northeast of the community of Three Brothers, Arkansas, which is approximately nine miles north/northwest of Mountain Home, Baxter County, Arkansas. The facility location is further described as being in portions of Sections 25, 26, 35, and 36, Township 21 North, Range 14 West at latitude 36.46339 N and 92.44402 W. A site location map is included as Figure 1.

The facility consists of approximately 56 acres west of Arkansas State Highway 5. Areas surrounding the facility are rural and sparsely populated. Land use is largely agricultural and consists of cleared pasture for cattle farming or is wooded and undeveloped. Review of the United States Geological Survey (USGS) 7.5-minute topographic map of the area (Midway, AR), shows moderate topographic relief across the area with elevations ranging from approximately 900 feet above mean sea level (amsl) to over 1100 feet amsl at the site. The facility is situated on top of a drainage divide. The site drainage is to the east, south, and west to several named and unnamed tributaries of Pigeon Creek, which flows southeast into Norfolk Lake, an impoundment of the North Fork of the White River.

1.1 Geologic Setting

The site is located in the Ozark Plateaus physiographic province, which consists of Pennsylvanian to Ordovician-aged, mostly marine deposited sedimentary rocks. The Ozark Plateaus is comprised of three plateaus, from youngest to oldest, the Boston Mountains in the south, the Springfield Plateau to the west, and the Salem Plateau to the east. The site is located in the Salem Plateau where the surface geology consists primarily of dolostone, with some limestone and sandstone.

Review of the Geologic Worksheet of the Midway quadrangle (Glick, 1974) shows that the site and surrounding areas are underlain by the early Ordovician-aged Cotter Dolomite. According to the Stratigraphic Summary of Arkansas (McFarland, 1998), the "Cotter Dolomite is composed of dolostone of predominantly two types: a fine-grained, argillaceous, earthy textured, relatively soft, white to buff or gray dolostone called "cotton rock," and a more massive, medium-grained, gray dolostone that weathers to a somewhat hackly surface texture and becomes dark on exposure. The formation contains chert, some minor beds of greenish shale, and occasional thin interbedded sandstone. The chert nodules associated with the Cotter frequently have concentric light and dark bands."

Several Arkansas Department of Environmental Quality (ADEQ) documents available via download from their website (www.adeg.state.ar.us) were reviewed to evaluate existing geology at the site. Primarily amongst these included the original Geotechnical and Hydrogeological Study prepared by Grubs, Garner & Hoskin, Inc. (GGH) in 1987. Their report described three typical strata below the site. Stratum I consisted of tan and brown sandy silt with chert fragments to depths of 1.5 to 3.5 feet below ground surface (bgs). Stratum II consisted of reddish tan to tan silty clay with chert to depths up to 55 feet bgs. Stratum III consisted of medium hard to hard gray and tan dolomite with chert with interbedded greenish gray and dark gray shale layers.

Usable sources of groundwater in this region occur within the Ozark Plateaus aquifer system, which consists of three distinct water bearing zones separated by two distinct confining units (*Groundwater Atlas of the United States, Segment 5 – Arkansas, Louisiana, Mississippi, 1998*). The uppermost aquifer in this system, the Springfield Plateau aquifer, is absent at the site and surrounding areas. The primary aquifer in use below the site is the Ozark aquifer, which consists of the Ordovician-aged stratigraphic units that underlie the site (Cotter Dolomite). Although the Cotter Dolomite is used for low-yield domestic wells in the vicinity of the site, the primary water-bearing zones below the site include the Rubidoux Formation and the Gunter Sandstone Member of the Van Buren Formation. The uppermost occurrence of groundwater below the site occurs in the pore spaces of overburden soils and weathered rock at the soil-rock interface, and in fractures, bedding planes and solution cavities in the underlying bedrock.

1.2 Site Background

Permit #0249-S was originally issued to RLH, Inc. by ADEQ in 1988 to begin operations as a Class I landfill. In 2005, NABORS took over operations at the landfill and the permit was transferred accordingly. NABORS operated the landfill under this permit until a new permit was issued in 2006 (#0249-S1-R2). NABORS continued operating the landfill until November 2012 when it ceased receiving waste. NABORS began conducting post-closure activities; however, due to financial constraints, could not fulfill their obligations. At this time closure activities were taken over by ADEQ. In addition, ADEQ also took over management of leachate at the facility. Currently, leachate is stored in aboveground storage tanks at the facility. Leachate is periodically transported to the City of Springfield, Missouri for disposal under Wastewater Contribution Permit No. #593, which was issued in September 2016. The landfill is currently in the process of being capped with ClosureTurf® over a 12-inch intermediate soil cover. The ClosureTurf® consists of a 40-mil linear low-density polyethylene (LLDPE) microspike geomembrane overlain by an engineered synthetic turf and 0.5-inch sand layer.

1.3 Previous Investigations

As required by the permit, ongoing groundwater monitoring has been conducted at the facility. A series of monitoring points has been established and expanded over time as a result of detections of volatile organic compounds (VOCs) and metals in several of the wells. Currently, the monitoring network consists of a network of two-inch monitoring wells and springs within and around the facility.

1.4 Groundwater Monitoring Network

The NABORS landfill currently has 24 two-inch PVC monitoring wells and 13 documented springs and seeps, referred to as monitoring points. Due to the recent closure activities, access to some of the wells, springs and seeps have been affected. Table 1-1 below summarizes the monitoring points and their current condition. Figure 2 attached to this report shows the monitoring point locations.

Table 1-1 – Summary of Monitoring Points

Monitoring Wells	Status	Sampled (Y/N)
MW-1	Well intact and accessible by vehicle.	Y
MW-1R	Well intact and accessible by vehicle.	Y
MW-2	Well intact and accessible by foot behind new chain link fence.	Y
MW-3	Well has been extended and is accessible by UTV. Behind new chain link fence.	Y
MW-4	Well intact and accessible by UTV. Behind new chain link fence.	Y
MW-5	Well intact and accessible by UTV. Behind new chain link fence.	Y
MW-6	Well intact and accessible by UTV. Access road needs clearing.	Y
MW-7	Well intact and accessible by UTV. Access road needs clearing.	Y
CAO-1	Two wells in this area. Well to east obstructed at depth of 10 feet. Well to east intact and accessible by vehicle.	Y
CAO-2	Well has been extended and is accessible by UTV. Behind new chain link fence.	Y
CAO-3	Well intact and accessible by UTV.	Y
NAB-2	Well has been extended and is accessible by UTV.	Y
NAB-3	Well intact and accessible by UTV. Access road needs clearing.	Y
NAB-4	Well has been extended but is on steep slope. Partially accessible by UTV. Behind new chain link fence.	Y
NAB-7	Well intact and accessible by UTV. Access road needs clearing.	Y
NAB-8	Well has been extended and is accessible by vehicle. Purged and sampled with bailer – very little water.	Y
MW-509D	Well on top of topographic mound, but mostly accessible by UTV. Grading would help access.	Y
MW-577	Well on top of topographic mound, but mostly accessible by UTV. Grading would help access.	Y
MW-633D	Well intact and accessible by vehicle.	Y
MW-689D	Well intact and accessible by UTV. Access road needs clearing.	Y
NE-2	Well no longer accessible by UTV. Need better access.	Y
NE-3	Well intact and accessible by UTV. Access road needs clearing.	Y
NE-4	Well intact and accessible by foot only. Need better access.	Y
NE-6	Well intact and mostly accessible by UTV. Access road needs clearing.	Y

Table 1-1 – Summary of Monitoring Points (continued)

Springs/Seeps	Status	Sampled (Y/N)
Entrance seep	Very difficult access due to steep, uneven slopes.	Y
Spring A	Daylighting in stream channel.	Y
Spring B	Not observed.	N
TSP-1	Daylighting in stream channel.	Y
TSP-2	No flow observed in new rip-rap channel.	N
TSP-3	No flow observed in stream channel.	N
TSP-4	No flow observed in stream channel.	N
Class I Draw	No flow observed in stream channel.	N
Class IV Draw	Daylighting in stream channel.	Y
SP-4	Very low volume iron-rich seep. Not enough flow to sample.	N
SP-5	Either covered by closure activities or not flowing	N
SP-7	Very difficult access due to steep, uneven slopes.	Y
Spring near NE-3	Daylighting in stream channel.	Y

1.5 Leachate Sampling

Semi-annual monitoring of the leachate is required under the City of Springfield wastewater contribution permit. A leachate sample (plus duplicate) was collected and included as part of the assessment monitoring. A summary of the leachate analysis is included in Section 4.0 below.

1.6 Investigative-Derived Wastes

Investigative-derived wastes (IDW) generated during the groundwater sampling event included purged groundwater, decontamination water, and expendables (e.g., nitrile gloves, plastic sheeting, plastic tubing, bailers, etc.). Purge and decontamination water was disposed of onsite into the leachate collection system. Expendables were placed in garbage bags for disposal in an onsite roll-off box.

1.7 Assessment Monitoring Constituents

The Assessment Monitoring Constituents (AMCs) were established based on Regulation 22 assessment monitoring requirements. The designated AMCs for groundwater are summarized in Table 1-2 below. In addition, field-monitoring parameters are also listed in Table 1-2. Specific laboratory analytical methods for the AMCs are listed in Tables 3-3 and 3-4 in Section 3.0 below.

Table 1-2 – Field Parameters and Assessment Monitoring Constituents

Field Parameters		
Dissolved Oxygen	pH	Temperature
Oxidation-Reduction Potential	Specific Conductance	Turbidity
Indicator Parameters		
Chloride	Sulfate	Total Dissolved Solids (TDS)
Cyanide	Sulfide	Total Organic Carbon (TOC)
Volatile Organic Compounds		
Acetone	1,4-Dichlorobenzene	Styrene
Acrylonitrile	trans-1,4-Dichloro-2-butene	1,1,1,2-Tetrachloroethane
Benzene	1,1-Dichloroethane	1,1,2,2-Tetrachloroethane
Bromochloromethane	1,2-Dichloroethane	Tetrachloroethene
Bromodichloromethane	cis-1,2-Dichloroethene	Toluene
Bromomethane	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
Carbon disulfide	1,2-Dichloropropane	1,1,2-Trichloroethane
Carbon tetrachloride	cis-1,3-Dichloropropene	Trichloroethene
Chlorobenzene	trans-1,3-Dichloropropene	Trichlorofluoromethane
Dibromochloromethane	Ethylbenzene	1,2,3-Trichloropropane
Chloroethane	2-Hexanone	Vinyl acetate
Chloroform	Iodomethane	Vinyl chloride
Chloromethane	Methyl ethyl ketone	Xylenes
Dibromomethane	Methylene chloride	
1,2-Dichlorobenzene	4-Methyl-2-pentanone	
Inorganics		
Antimony	Copper	Selenium
Arsenic	Iron	Silver
Barium	Lead	Thallium
Beryllium	Manganese	Tin
Cadmium	Mercury	Vanadium
Chromium	Nickel	Zinc
Cobalt		

2.0 Field Activities and Sampling Methodology

An Arkansas-registered P.G. directed groundwater sampling activities. Sample identification, labeling, preservation, quality assurance/quality control (QA/QC) methods, and laboratory analytical methods were conducted in accordance with the following sections. All field work was conducted in accordance with the site-specific Health and Safety Plan (HASP), included in Appendix A of the previously submitted Sampling and Analysis Plan (SAP).

2.1 Well/Spring Assessment and Water Level Measurement

Prior to sample collection, each well or spring was visually evaluated for physical condition including condition of riser and well pad, presence of locking device, and presence of any bio-hazards such as wasps, snakes, etc. Photographs were taken to document the condition of wells as needed. After each well riser was opened and the internal well cap removed, an electronic water level indicator was used to measure static groundwater level and total depth of each well. The static water level was allowed to equilibrate to atmospheric pressure prior to recording the final depth (it should be noted that most of the internal well caps were not sealed when opened, and groundwater levels were in equilibrium upon opening). Groundwater levels (measured to the nearest 0.01-foot) and total depths (measured to the nearest 0.1-foot) were measured from the surveyed reference mark on the top of the well casing (if available), or the highest point of the well casing if no survey reference mark was present. Groundwater depths and total depths were recorded on a Groundwater Sampling Record (see Appendix A – Field Forms) prepared for each well or spring.

2.2 Monitoring Well Purging and Sampling

Most of the wells were purged utilizing the low-flow sampling technique. A stainless-steel submersible pump with dedicated low-density polyethylene (LDPE) tubing was gently lowered into each well to a point within the screened interval of the well. The LDPE discharge tubing was connected to a flow-through cell to enable measurement of field parameters by a multi-parameter instrument. Field parameters measured includes dissolved oxygen (DO), oxidation-reduction potential (ORP), pH, specific conductance, temperature, and turbidity. All field meters were calibrated daily per manufacturer recommendations prior to sampling (see Appendix B – Field Forms).

The United States Environmental Protection Agency's (EPA) *Low-Flow (Minimal Drawdown) Groundwater Sampling Procedures* (April 1996) was generally utilized to purge and sample the wells. After purging, and once the field parameters had stabilized, turbidity was less than 10 nephelometric turbidity units (NTU), and minimal drawdown had occurred, the wells were sampled. Groundwater is considered stabilized if the field parameters are within ten percent for three consecutive readings. All data collected was recorded on Groundwater Sampling Records.

Upon stabilization, the discharge tube was disconnected from the flow-through cell and groundwater samples were collected from each well and placed in laboratory-supplied pre-

preserved containers. Samples were collected in order of volatility – VOCs, total organic carbon (TOC), then indicator parameters, then inorganics. The samples were properly labeled and preserved on ice. Final field measurements and other sampling information (date and time, sample ID#) was recorded on the Groundwater Sampling Record. Wells that could not be purged and sampled with the low-flow technique (NE-2 and NAB-8) were bailed dry, allowed to recharge overnight, and were sampled the following morning with the bailer. Purge water was disposed on site into the on-site leachate storage system.

2.3 Spring Sampling

Prior to collecting groundwater samples from the springs, the multi-parameter instrument was utilized to measure the field parameters at each spring. Data was recorded on a Spring Sampling Record. Springs were sampled by dipping the sample container directly into the spring flow where practical. It should be noted that SP-4 had minimal flow at the time of this event and was not sampled.

2.4 Leachate Sampling

A leachate sample was collected from the facility leachate collection tank farm. The sample was collected directly from the tank discharge valve located on the east side of the tank farm. The leachate sample was appropriately labeled and preserved on ice for later transport to the analytical laboratory under chain-of-custody. The leachate sample was analyzed for the constituents required under the City of Springfield wastewater contribution permit. Additional information regarding analytes and analytical procedures for the leachate sample are provided in Section 4.0 below.

2.5 Equipment Decontamination

All non-dedicated groundwater sampling equipment, such as the submersible pump and the water level indicator, was properly decontaminated before first use and between wells using the following procedure:

- Wash equipment using tap water and phosphate-free soap (e.g., Liquinox);
- Turn pump on to allow soap solution to clean internal portion of pump;
- Thoroughly rinse equipment with potable water (including running pump);
- Double-rinse equipment with organic-free deionized water (including running pump); and
- Allow equipment to air dry and wrap in aluminum foil (if not used immediately).

The decontamination area contained a gross wash bucket with brush, tap water sprayer, deionized water sprayer, and equipment drying area. Plastic sheeting was used to contain any spills from the decontamination process. New polyethylene tubing was used for each well and did not require decontamination.

2.6 Sample Documentation and Shipment

Field notes were kept in a bound logbook using indelible ink. Information recorded included date, weather, site personnel, sampling procedures, site conditions, sample locations and ID codes, sampling dates and times, record of onsite arrival and departure, explanation of photographs, visual observations, sample handling or management procedures, deviations from the SAP, and any other pertinent site or project information. Harbor documented any abnormal conditions observed, such as damaged wells or other infrastructure, by photograph. Notes pertaining to any photographs taken were written in the field logbook.

Groundwater sample collection forms were completed for each well or spring sampled. Completed field forms are included in Appendix A. Site photographs were taken as necessary to document groundwater sampling activities, as outlined in the SAP.

All samples were labeled according to the existing monitoring point network as listed in Table 1-1 above. The designated laboratory provided appropriate sample containers with pre-printed labels. In general, each label contained the following information: date, time, sample identification number, preservatives, and requested analysis.

A chain-of-custody form was completed for the samples collected and submitted to the designated laboratory for analyses. The chain-of-custody provides chronological documentation, or a paper trail, showing the collection, custody, control, transfer, analysis, and disposition of the samples. Information on the chain-of-custody includes: general project information, personnel contact information, sample code identification, date and time of sampling, sample type, containers, preservatives, requested analyses, sampler signature, and shipping/delivery information. The chain-of-custody was transferred from Harbor to Arkansas Analytical upon hand-delivery of the sample ice chest(s) to the laboratory. Copies of the chain-of-custody are included in Appendix B – Analytical Results.

Tamper-evident custody seals were secured on the sample ice chests when the ice chests were not in Harbor's custody. When this occurred, the ice chests were locked in a vehicle, hotel room, or other secure structure. The custody seals were signed, dated, and placed on the lid of the ice chests to assure that the ice chests are not tampered with. The first batch of samples were delivered overnight via FedEx to ensure that hold times were met. Remaining samples were hand-delivered to Arkansas Analytical.

2.7 Field QC Sample Objectives and Collection Frequency

Primary measurements for field (and laboratory) QA/QC were derived from blind duplicate samples, Matrix spike/matrix spike duplicate (MS/MSD) samples, rinsate blanks, field blanks, and trip blanks collected in the field. QC samples utilized in the field during the groundwater monitoring event include field duplicates, rinsate (equipment) blanks, and trip blanks. MS/MSD samples were prepared by the lab.

A field duplicate is an identical sample collected from the same location, at the same time, under identical conditions as the investigative sample. Field duplicate samples are analyzed along with the original to ascertain procedural precision and inherent source variability. Two field duplicate samples were collected (5 percent) and analyzed for the same parameters as the associated investigation samples.

Rinsate (or equipment) blanks were collected by pouring distilled water over decontaminated sampling equipment (e.g., pump, water level indicator) and into a sample container. These blanks assess cross-contamination from improper decontamination. Equipment rinsate samples were collected at a rate of one per day.

Trip blanks prepared by the analytical laboratory were shipped with each cooler. Trip blanks were kept unopened in the sample coolers until the collected samples and coolers were returned to the lab for analysis. The trip blanks were then opened in the laboratory and analyzed for VOCs along with the investigative field samples. One trip blank per cooler was analyzed.

MS/MSD analyses are conducted by the laboratory to assess the heterogeneity of contamination concentrations in the groundwater samples. MS/MSD samples were analyzed at a rate of 1 in 20 (5 percent) per matrix for the same parameters as the associated investigation samples.

2.8 Sample Identification, Collection, Processing and Documentation

Samples were collected and labeled according to the existing well and spring identification numbers. The following is a list of general sampling procedures and practices implemented during the groundwater sampling event to ensure consistency during sample collection.

- Pre-cleaned sample containers were provided by the designated laboratory.
- Sampler(s) donned clean pairs of protective Nitrile gloves between sampling locations and intervals.
- Samples for laboratory analysis were collected using either decontaminated stainless-steel equipment (pump) with new, disposable poly tubing or disposable bailer.
- All non-disposable sampling equipment was decontaminated in accordance with the procedures outlined in Section 2.5 above.
- Sample containers were labeled immediately following collection and placed on ice in an ice chest.

2.9 Equipment Calibration

Field meters (pH, specific conductance, turbidity) were calibrated daily prior to use per manufacturer's specifications. Calibration data was recorded on a calibration log and also in the field logbook. Field calibration logs are included in Appendix A.

3.0 Groundwater Analytical Results

The groundwater samples were delivered to Arkansas Analytical under proper chain-of-custody for analysis of the project AMCs. It should be noted that VOC analysis on the sample from NAB-4 (and the associated trip blank) was subcontracted to American Interplex laboratory by Arkansas Analytical. This occurred due to some equipment upgrades occurring at Arkansas Analytical.

Depth to groundwater and total depth of each well was measured prior to purging. These values are listed in Table 3-1 below. Groundwater elevations were utilized to prepare a potentiometric surface map which is included as Figure 2 of this report. Field parameters (dissolved oxygen, specific conductance, oxidation-reduction potential, pH, temperature and turbidity) were monitored during groundwater purging of wells to ensure that the well water was stabilized prior to sampling. The final readings for each well prior to sampling are also listed in Table 3-1 below. Additionally, field parameters were measured at each spring location prior to sampling. Groundwater Sampling Records, completed for each sampling point, are included in Appendix A of this report.

Table 3-1 – Summary of Field Parameters

Well/ Spring ID	Date	Time	TOC Elevation (feet amsl)	GW Depth (feet below TOC)	GW Elevation (feet amsl)	TD (feet below TOC)	Dissolved Oxygen (mg/L)	Specific Conductance (µS/cm)	Oxidation- Reduction Potential (mV)	pH (standard units)	Temperature (°C)	Turbidity (NTU)
CAO-1	10/29/2018	1521	1026.40	26.75	999.65	36.8	0.54	1430	-81.2	6.33	17.5	3.92
CAO-2	10/26/2018	0816	991.58	36.86	954.72	45.5	0.28	1100	62.0	6.55	18.3	186
CAO-3	10/29/2018	1210	984.20	14.82	969.38	23.1	1.61	850	148.5	6.77	16.5	76.8
MW-1	10/29/2018	1749	1067.26	68.24	999.02	77.2	0.35	1640	-31.2	6.36	20.6	16.8
MW-1R	10/29/2018	1627	1067.57	69.95	997.62	78.6	0.69	1510	-57.9	6.40	18.6	18.6
MW-2	10/30/2018	1300	1001.21	36.21	965.00	48.9	0.17	650	-61.7	7.08	19.1	2.90
MW-3	10/25/2018	0914	1000.81	32.45	968.36	39.0	0.73	1130	-26.9	6.44	18.2	4.20
MW-4	10/24/2018	1322	1012.11	88.12	923.99	99.9	5.44	720	80.3	7.06	17.0	9.65
MW-5	10/24/2018	0905	1004.38	78.39	925.99	89.1	3.21	770	74.9	6.96	15.4	1.01
MW-6	10/23/2018	0945	1000.38	57.66	942.72	68.5	1.51	820	106.6	6.80	15.0	5.29
MW-7	10/23/2018	1257	999.66	7.84	991.82	23.1	6.68	610	88.3	6.94	18.2	0.69
MW-509D	10/29/2018	1214	1014.20	19.98	994.22	39.6	2.91	680	92.2	6.77	17.6	10.3
MW-577	10/22/2018	1712	982.60	42.44	940.16	55.3	6.53	780	-108.6	6.99	17.4	5.81
MW-633D	10/23/2018	1625	1050.10	65.31	984.79	87.9	3.24	760	70.8	6.90	17.8	13.5
MW-689D	10/23/2018	1516	966.20	25.96	940.24	43.8	5.03	710	96.2	6.98	17.3	9.25
NAB-2	10/26/2018	1329	1004.94	82.44	922.50	102.8	0.98	770	114.1	6.87	17.0	8.25
NAB-3	10/22/2018	1609	921.49	25.12	896.37	46.2	4.12	790	107.0	6.91	16.5	5.21
NAB-4	11/02/2018	1240	1015.41	116.99	898.42	138.2	0.90	870	112.9	6.73	17.7	13.7
NAB-7	10/26/2018	1053	1012.36	22.41	989.95	43.6	0.20	660	-17.6	7.02	16.1	19.6
NAB-8	10/30/2018	1327	1050.38	84.98	965.40	85.7	9.30	477	107.7	7.78	17.9	757
NE-2	10/30/2018	1001	976.98	53.75	923.23	62.9	1.43	1820	-62.5	7.06	16.1	>1000
NE-3	10/22/2018	1457	846.91	6.46	840.45	27.7	0.94	620	16.9	7.19	18.3	4.41
NE-4	10/30/2018	0929	1009.85	71.33	938.52	112.2	0.37	740	93.2	6.92	17.1	26.3
NE-6	10/22/2018	1304	901.42	8.96	892.46	18.2	6.74	680	5.7	6.98	17.9	1.76

Table 3-1 – Summary of Field Parameters (continued)

Well/ Spring ID	Date	Time	TOC Elevation (feet amsl)	GW Depth (feet below TOC)	GW Elevation (feet amsl)	TD (feet below TOC)	Dissolved Oxygen (mg/L)	Specific Conductance (μ S/cm)	Oxidation- Reduction Potential (mV)	pH (standard units)	Temperature (°C)	Turbidity (NTU)
Class I Draw	—	—	—	—	—	—	—	—	—	—	—	—
Class IV Draw	10/18/18	1448	—	—	—	—	6.70	599	201.1	7.42	15.6	3.64
LE seep	10/23/18	1059	—	—	—	—	4.63	532	-10.5	7.05	15.1	24.8
NE-3 Spring	10/22/18	1520	—	—	—	—	4.59	392	81.4	7.32	14.8	6.21
Spring A	10/23/18	1335	—	—	—	—	1.98	521	0.2	6.81	15.5	2.12
Spring B	—	—	—	—	—	—	—	—	—	—	—	—
SP-4	—	—	—	—	—	—	—	—	—	—	—	—
SP-5	—	—	—	—	—	—	—	—	—	—	—	—
SP-7	10/23/18	1022	—	—	—	—	5.29	261	-8.2	7.06	16.3	14.9
TSP-1	10/18/18	1535	—	—	—	—	2.76	67	185.2	6.95	16.5	3.42
TSP-2	—	—	—	—	—	—	—	—	—	—	—	—
TSP-3	—	—	—	—	—	—	—	—	—	—	—	—
TSP-4	—	—	—	—	—	—	—	—	—	—	—	—

Notes: TOC – top of casing; amsl – above mean sea level; GW – groundwater; TD – total depth; mg/L – milligrams per liter; μ S/cm – micro Siemens per centimeter; mV – millivolts; °C – degrees Celsius; NTU – nephelometric turbidity units; LE – Landfill Entrance; dash indicates data not available or not collected.

3.1 Conceptual Groundwater Flow

The 24 monitoring wells in use for groundwater monitoring activities at the landfill were utilized to construct the potentiometric surface map. Figure 2 attached to this report shows the potentiometric groundwater surface below the site. As previously measured during the April 2018 monitoring event, the highest groundwater elevation during this event was measured in monitoring well CAO-1, located east of Area 1-2. The lowest groundwater elevation occurred in monitoring well NE-3, located southeast of Area 1-3. The landfill is situated on a topographic high spot. Several monitoring wells, CAO-1, MW-1, MW-1R, MW-509D, MW-7, and NAB-7, define the highest groundwater elevations at the site. Groundwater generally flows outward and downward from these points.

Review of the 1987 Geotechnical and Hydrogeological Study prepared by Grubbs, Garner, & Hoskyn, Inc. indicated an average hydraulic conductivity of 1.0×10^{-3} cm/sec for the unconfined aquifer below the site. Porosity in dolomite bedrock ranges from 0 – 20 percent but could be higher in soils and weathered rock above the bedrock. For consistency in calculating groundwater flow velocity at the site, Harbor utilized a porosity of ten percent and an effective porosity of nine percent (as utilized by others in previous groundwater sampling events).

The hydraulic gradient in the Area 1-2 portion of the landfill was calculated by comparing upgradient well, MW-1R, to downgradient well MW-5. The change in head of 71.63 feet between the two wells over a distance of approximately 1,432 feet produces a hydraulic gradient of 0.050 (ft/ft). The hydraulic gradient in the Area 1-3 portion of the Landfill was calculated by comparing upgradient well, MW-1R, to a downgradient well, NAB-3. The change in head of 101.25 feet between the two wells over a distance of approximately 1811 feet produces a hydraulic gradient of 0.056 (ft/ft).

The hydraulic gradient was then used to calculate the average linear groundwater velocity (for unconfined conditions) for Areas 1-2 and 1-3 utilizing the following equation:

$$V_x = Ki/n_e$$

where, V_x is the average linear velocity, K is the hydraulic conductivity, I is the hydraulic gradient, and n_e is the effective porosity. From this, the following groundwater velocities were obtained for Areas 1-2 and 1-3.

Area 1-2:

$$V_x = [(1.0 \times 10^{-3} \text{ cm/sec})(0.050)]/(0.09) = 5.56 \times 10^{-4} \text{ cm/sec or } \mathbf{1.6 \text{ ft/day}}$$

Area 1-3:

$$V_x = [(1.0 \times 10^{-3} \text{ cm/sec})(0.056)]/(0.09) = 6.21 \times 10^{-4} \text{ cm/sec or } \mathbf{1.8 \text{ ft/day}}$$

3.2 Groundwater Analytical Results

The results of the laboratory analysis of groundwater samples are summarized in Tables 3-2 and 3-3 below. The results were compared to the US EPA National Primary Drinking Water Regulations (NPDWRs) – Maximum Contaminant Levels (MCLs) and the National Secondary Drinking Water Regulations (NSDWRs). MCLs are legally enforceable primary standards that protect public health by limiting the levels of contaminants in drinking water. The NSDWRs are non-mandatory (non-enforceable) secondary maximum contaminant levels (SMCLs) that have been established for 15 contaminants. The SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. Some AMCs were compared to regional screening levels (RSLs) which have been established by EPA in lieu of MCLs. Significant constituent detections that exceeded the MCLs or RSLs are discussed in the following paragraphs. Results of inorganic laboratory analyses are summarized in Table 3-2 below.

Arsenic was detected in the samples from CAO-1, MW-1, MW-1R, NAB-7, and NE-2 at concentrations ranging from 0.0117J to 0.108 mg/L, which exceed the MCL of 0.010 mg/L for arsenic. Arsenic was also detected in the samples from MW-3, NAB-4, Class IV draw spring, TSP-1, and the landfill entrance seep at estimated concentrations below the MCL. Arsenic was below the reporting limit of 0.0235 mg/L in the samples from all other wells and springs. It should be noted that the reporting limit exceeds the MCL.

Chromium was detected at a concentration of 0.127 mg/L in the sample from MW-1. The detected concentration exceeded the MCL of 0.1 mg/L for chromium.

Cobalt was detected in the samples from CAO-1, MW-1, MW-1R, MW-3, NE-2, and the landfill entrance seep at concentrations ranging from 0.00823J to 0.0586 mg/L. The detected concentrations exceeded the RSL of 0.006 mg/L for cobalt. Cobalt was not detected in any of the other samples above the reporting limit of 0.135 mg/L in any of the other samples.

Iron was detected in the samples from CAO-1 and MW-1R at concentrations of 33.0 and 32.9 mg/L, respectively, which exceeded the RSL of 14 mg/L for iron. Iron was detected at concentrations exceeding the SMCL of 0.3 mg/L for iron in eight of the samples.

Lead was detected in the samples from NAB-7, NAB-7 duplicate, NAB-8, and NE-2 at concentrations ranging from 0.0110J to 0.0272 mg/L. The concentrations in the samples from NAB-7 duplicate and NE-2 exceeded the MCL of 0.015 mg/L for lead. Lead was below the reporting limit of 0.0156 mg/L in the samples from all other wells and springs.

Manganese was detected in the samples from CAO-1, MW-1, MW-3, SP-7, and the landfill entrance seep at concentrations ranging from 0.536 to 2.46 mg/L which exceeded the RSL of 0.43 mg/L for manganese. Manganese was detected in five of the samples at concentrations exceeding the SMCL of 0.05 mg/L for manganese.

Table 3-3 summarizes the organic analyses. TOC was detected in 15 of the wells and all six of the sampled springs at concentrations ranging from 1.01 to 8.88 mg/L. No screening levels have been established for TOC.

Several VOCs, including benzene, 1,4-dichlorobenzene, 1,1-dichloroethane, and vinyl chloride were detected in the samples from CAO-1, MW-1 and MW-1R at concentrations exceeding their respective RSLs and/or MCLs. 1,2-dichloroethane and methyl tert-butyl ether (MTBE) were detected in the samples from MW-1 and MW-1R at concentrations exceeding their respective RSLs. Other RSL exceedances included ethylbenzene detected in the sample from CAO-1, and trichloroethene in the sample from MW-1R. Many of the detected concentrations were J-flagged as estimated concentrations.

Additional VOC constituents detected at concentrations lower than their respective RSLs or MCLs, included chlorobenzene, chloroethane, cis-1,2-dichloroethene, 1,2-dimethylbenzene, 1,3-dimethylbenzene, 1,4-dimethylbenzene, isopropylbenzene, MTBE, tetrachloroethene, toluene, 1,2,4-trimethylbenzene. Most of these were J-flagged as estimated concentrations.

3.3 Statistical Analysis

Sanitas™ version 9.6.07 software was utilized to conduct statistical analysis of the groundwater data for the October 2018 sampling event. The methods used in the Sanitas™ program are based on statistical procedures outlined in the Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities (Unified Guidance, March 2009). Historic and current data are presented in Appendix C.

Time plots of individual AMCs at wells showing current and historic detections were plotted to provide a visual summary of current and historic detections at individual wells, along with possible trends in the data and variability among the wells. The time plots also evaluate the potential presence of outliers that could disproportionally affect increasing or decreasing trends. Wells showing potential AMC outliers were then further analyzed using Rosner's Outlier Test and Tukey's Outlier Screening to evaluate outliers. Outliers were observed for AMCs ethyl benzene (CAO-1), barium (MW-633D and NE-2), chloride (MW-3), and manganese (NE-2). Time plots and outlier analysis are presented in Appendix D

The Mann-Kendall test for temporal trend combined with the Sen's slope estimate was performed on current and historically detected AMCs to evaluate whether statistical trends are evident in the data. The significant trend results are shown on the Mann-Kendall/Sen's Slope plots presented in Appendix D. Increasing and decreasing statistical trends for AMCs and wells are summarized in Table 3-4 below.

Table 3-2 - Summary of Inorganic Analyses

Analyte	Method	Detection Limit (mg/L)	Reporting Limit (mg/L)	MCL (mg/L)	RSL (mg/L)	SMCL (mg/L)	Results (mg/L)												
							CAO-1	CAO-2	CAO-3	MW-1	MW-1R	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-7 Dup	MW-509
							10/29/2018	10/26/2018	10/29/2018	10/29/2018	10/29/2018	10/30/2018	10/25/2018	10/24/2018	10/24/2018	10/23/2018	10/23/2018	10/23/2018	10/26/2018
							1521	0816	1210	1749	1627	1300	0914	1322	0905	0945	1257	1257	1214
Chloride	EPA 300.0, 2.1-1993	0.156	<0.500	—	—	250	82	27.4	10.9	91.3	97.6	2.73	32.5	6.45	4.91	30.5	1.30	1.29	4.82
Sulfate as SO4	EPA 300.0, 2.1-1993	0.142	<0.500	—	—	250	<0.500	10.4	30.2	17.2	22.7	13.8	12.0	17.8	9.01	8.58	12.2	12.1	11.0
Cyanide (total)	SM 4500-CN B,E-2011	0.003	<0.010	0.2	—	—	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Sulfide	SM 4500-S2 D-2011	0.0065	<0.100	—	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
TDS	SM 2540 C-2011	0.8	<5.00	—	—	500	807	468	456	965	860	369	653	396	443	470	328	351	378
Antimony	SW 6010C Rev 3 (2007)	0.0009	<0.036	0.006	—	—	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036
Arsenic	SW 6010C Rev 3 (2007)	0.00707	<0.0235	0.01	—	—	0.108	<0.0235	<0.0235	0.0441	0.0856	<0.0235	0.00448 J	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235
Barium	SW 6010C Rev 3 (2007)	0.000832	<0.00728	2.0	—	—	0.260	0.107	0.0396	0.171	0.163	0.0305	0.105	0.0427	0.0380	0.0526	0.0384	0.0386	0.0348
Beryllium	SW 6010C Rev 3 (2007)	0.0000322	<0.000624	0.004	—	—	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624
Cadmium	SW 6010C Rev 3 (2007)	0.000354	<0.00120	0.005	—	—	<0.00120	<0.00120	<0.00120	<0.00120	<0.0012	<0.00120	0.00275	0.000961 J	<0.00120	0.000437 J	<0.00120	<0.00120	0.00462
Chromium	SW 6010C Rev 3 (2007)	0.00374	<0.0125	0.1	—	—	<0.0125	<0.0125	<0.0125	0.127	<0.0125	<0.0125	<0.0125	0.00190 J	0.00267 J	0.00273 J	0.00248 J	0.00232 J	0.00170 J
Cobalt	SW 6010C Rev 3 (2007)	0.0004	<0.0135	—	0.006	—	0.0150	<0.0135	<0.0135	0.0477	0.0586	<0.0135	0.0102 J	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135
Copper	SW 6010C Rev 3 (2007)	0.001	<0.005	1.3	0.8	1.0	<0.005	0.001 J	<0.005	0.003 J	<0.005	<0.005	0.001 J	<0.005	<0.005	0.001 J	<0.005	<0.005	0.002 J
Iron	SW 6010C Rev 3 (2007)	0.0208	<0.125	—	14	0.3	33.0	0.171	0.108 J	9.63	32.9	0.171	1.13	0.160	0.127	0.163	0.0943 J	0.0936 J	0.701
Lead	SW 6010C Rev 3 (2007)	0.00326	<0.0156	0.015	—	—	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156
Manganese	SW 6010C Rev 3 (2007)	0.000281	<0.0104	—	0.43	0.05	0.611	0.321	<0.0104	0.596	0.231	0.00740 J	2.46	<0.0104	<0.0104	<0.0104	0.0196	0.0240	0.00944 J
Mercury	SW7470A/EPA245.1,3.0- 1994	0.0000031	<0.000200	0.002	0.00063	—	<0.000200	<0.000200	<0.000200	<0.000200	0.000225	<0.000200	<0.000200	0.0000250 J	0.0000250 J	0.000450	0.0000250 J	0.0000250 J	<0.000200
Nickel	SW 6010C Rev 3 (2007)	0.003	<0.010	—	0.39	—	0.033	0.009 J	0.004 J	0.147	0.083	<0.010	0.043	0.003 J	0.005 J	0.004 J	<0.010	<0.010	<0.010
Selenium	SW 6010C Rev 3 (2007)	0.00536	<0.0520	0.05	—	—	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	0.00560 J	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520
Silver	SW 6010C Rev 3 (2007)	0.00146	<0.0208	—	0.094	0.1	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208
Thallium	SW 6010C Rev 3 (2007)	0.002	<0.073	0.002	0.0002	—	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073
Tin	SW 6010C Rev 3 (2007)	0.00327	<0.728	—	12	—	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728
Vanadium	SW 6010C Rev 3 (2007)	0.0005	0.021	—	0.086	—	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021
Zinc	SW 6010C Rev 3 (2007)	0.004	0.0156	—	6	5	0.0225	0.0162	0.0274	0.151	1.34	0.00561 J	0.124	0.100	0.0285	0.0462	0.00629 J	0.00559 J	0.423

Exceeds MCLMCL = Maximum Contaminant Level

Exceeds RSLRSL = Regional Screening Level (EPA Regional Screening Level - Resident Tapwater - May 2018)

Exceeds SMCLSMCL = Secondary Maximum Contaminant Level

BoldIndicates constituent detected below screening levels.

Dash (—)Indicates no data exists or sample not collected for associated parameter due to inadequate sample volume.

Notes:SO4 - sulfate; mg/L - milligrams per liter; Dup - duplicate; CIDS - Class I Draw Spring; LE - landfill entrance; HDPE - high density polyethylene; EB - equipment blank; J - Indicates "estimated" results that are below the quantitation limit but above the method detection limit.

Table 3-2 - Summary of Inorganic Analyses

Analyte	Method	Detection Limit (mg/L)	Reporting Limit (mg/L)	MCL (mg/L)	RSL (mg/L)	SMCL (mg/L)	Results (mg/L)												
							MW-577	MW-633D	MW-689D	NAB-2	NAB-3	NAB-4	NAB-7	NAB-7 Dup	NAB-8	NE-2	NE-3	NE-4	NE-6
							10/22/2018	10/23/2018	10/23/2018	10/26/2018	10/22/2018	11/2/2018	10/26/2018	10/26/2018	10/30/2018	10/30/2018	10/22/2018	10/30/2018	10/22/2018
							1712	1625	1516	1329	1609	1240	1053	1053	1327	1001	1457	0929	1304
Chloride	EPA 300.0, 2.1-1993	0.156	<0.500	—	—	250	1.99	15.8	1.67	11.9	11.6	4.38	1.58	1.57	3.21	18.3	2.90	5.31	1.83
Sulfate as SO4	EPA 300.0, 2.1-1993	0.142	<0.500	—	—	250	24.3	11.6	13.2	18.1	11.9	43.9	20.9	20.7	15.2	570	26.2	26.8	20.3
Cyanide (total)	SM 4500-CN B,E-2011	0.003	<0.010	0.2	—	—	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Sulfide	SM 4500-S2 D-2011	0.0065	<0.100	—	—	—	0.421	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
TDS	SM 2540 C-2011	0.8	<5.00	—	—	500	403	427	400	440	425	501	369	363	377	1320	352	437	384
Antimony	SW 6010C Rev 3 (2007)	0.0009	<0.036	0.006	—	—	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036
Arsenic	SW 6010C Rev 3 (2007)	0.00707	<0.0235	0.01	—	—	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235	0.00696 J	0.0117 J	0.0175 J	<0.0235	0.0256	<0.0235	<0.0235	<0.0235
Barium	SW 6010C Rev 3 (2007)	0.000832	<0.00728	2.0	—	—	0.0252	0.0477	0.0311	0.0661	0.0545	0.0435	0.0227	0.0225	0.0918	0.132	0.131	0.0470	0.0343
Beryllium	SW 6010C Rev 3 (2007)	0.0000322	<0.000624	0.004	—	—	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	0.000195 J	<0.000624	<0.000624	<0.000624	<0.000624
Cadmium	SW 6010C Rev 3 (2007)	0.000354	<0.00120	0.005	—	—	<0.00120	0.00175	<0.00120	<0.00120	0.000691 J	0.00133	<0.00120	<0.00120	0.000911 J	<0.00120	<0.00120	<0.00120	<0.00120
Chromium	SW 6010C Rev 3 (2007)	0.00374	<0.0125	0.1	—	—	<0.0125	<0.0125	0.00233 J	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125	0.00471 J	0.0179	0.00183 J	<0.0125	0.00362 J
Cobalt	SW 6010C Rev 3 (2007)	0.0004	<0.0135	—	0.006	—	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	0.00945 J	<0.0135	<0.0135	<0.0135
Copper	SW 6010C Rev 3 (2007)	0.001	<0.005	1.3	0.8	1.0	0.001 J	0.001 J	<0.005	0.002 J	0.001 J	<0.005	<0.005	<0.005	0.003 J	0.008	<0.005	<0.005	<0.005
Iron	SW 6010C Rev 3 (2007)	0.0208	<0.125	—	14	0.3	0.288	0.126	0.321	0.184	0.184	0.176	1.18	1.42	2.46	5.22	0.122 J	0.164	0.246
Lead	SW 6010C Rev 3 (2007)	0.00326	<0.0156	0.015	—	—	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	0.0136 J	0.0163	0.0110 J	0.0272	<0.0156	<0.0156	<0.0156
Manganese	SW 6010C Rev 3 (2007)	0.000281	<0.0104	—	0.43	0.05	0.00725 J	<0.0104	0.0241	0.0252	0.0292	0.00745 J	0.00609 J	0.00637 J	0.0408	0.229	0.0721	0.0202	0.0122
Mercury	SW7470A/EPA245.1,3.0- 1994	0.0000031	<0.000200	0.002	0.00063	—	<0.000200	0.000100 J	0.0000250 J	<0.000200	0.0000250 J	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	SW 6010C Rev 3 (2007)	0.003	<0.010	—	0.39	—	<0.010	<0.010	0.003 J	0.005 J	0.003 J	0.015	0.004 J	0.003 J	0.003 J	0.040	0.006 J	0.008 J	0.009 J
Selenium	SW 6010C Rev 3 (2007)	0.00536	<0.0520	0.05	—	—	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	0.00566 J	<0.0520
Silver	SW 6010C Rev 3 (2007)	0.00146	<0.0208	—	0.094	0.1	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208
Thallium	SW 6010C Rev 3 (2007)	0.002	<0.073	0.002	0.0002	—	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073
Tin	SW 6010C Rev 3 (2007)	0.00327	<0.728	—	12	—	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728
Vanadium	SW 6010C Rev 3 (2007)	0.0005	0.021	—	0.086	—	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	0.006 J	0.020 J	<0.021	<0.021	<0.021
Zinc	SW 6010C Rev 3 (2007)	0.004	0.0156	—	6	5	<0.0156	0.330	0.00534 J	0.0443	0.0887	1.12	0.0432	0.0472	0.0647	0.0562	0.0493	0.149	0.336

Exceeds MCL

Exceeds RSL

Exceeds SMCL

Bold

Dash (—)

Notes:

MCL = Maximum Contaminant Level

RSL = Regional Screening Level (EPA Regional Screening Level - Resident Tapwater - May 2018)

SMCL = Secondary Maximum Contaminant Level

Indicates constituent detected below screening levels.

Indicates no data exists or sample not collected for associated parameter due to inadequate sample volume.

SO4 - sulfate; mg/L - milligrams per liter; Dup - duplicate; CIDS - Class I Draw Spring; LE - landfill entrance; HDPE - high density polyethylene; EB - equipment blank; J - Indicates "estimated" results that are below the quantitation limit but above the method detection limit.

Table 3-2 - Summary of Inorganic Analyses

Analyte	Method	Detection Limit (mg/L)	Reporting Limit (mg/L)	MCL (mg/L)	RSL (mg/L)	SMCL (mg/L)	Results (mg/L)											
							CIVDS	LE Seep	NE-3 SP	SP A	SP-7	TSP-1	EB-1	EB-2	EB-3	EB-4	EB-5	EB-6
							10/18/2018	10/23/2018	10/22/2018	10/23/2018	10/23/2018	10/18/2018	10/22/2018	10/23/2018	10/24/2018	10/26/2018	10/29/2018	10/30/2018
							1448	1059	1520	1335	1022	1535	1755	1709	1535	1410	1804	1405
Chloride	EPA 300.0, 2.1-1993	0.156	<0.500	—	—	250	9.24	6.66	1.78	1.10	3.02	7.93	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Sulfate as SO4	EPA 300.0, 2.1-1993	0.142	<0.500	—	—	250	29.0	5.82	5.61	6.33	5.37	14.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Cyanide (total)	SM 4500-CN B,E-2011	0.003	<0.010	0.2	—	—	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Sulfide	SM 4500-S2 D-2011	0.0065	<0.100	—	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
TDS	SM 2540 C-2011	0.8	<5.00	—	—	500	343	288	199	283	144	367	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Antimony	SW 6010C Rev 3 (2007)	0.0009	<0.036	0.006	—	—	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036
Arsenic	SW 6010C Rev 3 (2007)	0.00707	<0.0235	0.01	—	—	0.00560 J	0.00766 J	<0.0235	<0.0235	<0.0235	0.00633 J	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235
Barium	SW 6010C Rev 3 (2007)	0.000832	<0.00728	2.0	—	—	0.0560	0.101	0.0288	0.0384	0.0427	0.0932	<0.00728	0.0405	<0.00728	<0.00728	<0.00728	<0.00728
Beryllium	SW 6010C Rev 3 (2007)	0.0000322	<0.000624	0.004	—	—	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	0.000227 J	<0.000624	<0.000624
Cadmium	SW 6010C Rev 3 (2007)	0.000354	<0.00120	0.005	—	—	0.000966 J	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
Chromium	SW 6010C Rev 3 (2007)	0.00374	<0.0125	0.1	—	—	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125	0.00217 J	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
Cobalt	SW 6010C Rev 3 (2007)	0.0004	<0.0135	—	0.006	—	<0.0135	0.00823 J	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135	<0.0135
Copper	SW 6010C Rev 3 (2007)	0.001	<0.005	1.3	0.8	1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Iron	SW 6010C Rev 3 (2007)	0.0208	<0.125	—	14	0.3	0.335	3.56	0.171	0.143	1.27	0.163	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	SW 6010C Rev 3 (2007)	0.00326	<0.0156	0.015	—	—	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156
Manganese	SW 6010C Rev 3 (2007)	0.000281	<0.0104	—	0.43	0.05	0.335	1.92	0.00683 J	0.0192	0.536	0.0243	<0.0104	<0.0104	<0.0104	0.00276 J	<0.0104	<0.0104
Mercury	SW7470A/EPA245.1,3,0- 1994	0.0000031	<0.000200	0.002	0.00063	—	<0.000200	0.0000250 J	<0.000200	0.0000250 J	0.0000250 J	<0.000200	<0.000200	0.0000250 J	0.0000250 J	<0.000200	<0.000200	<0.000200
Nickel	SW 6010C Rev 3 (2007)	0.003	<0.010	—	0.39	—	0.004 J	0.004 J	<0.010	<0.010	<0.010	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Selenium	SW 6010C Rev 3 (2007)	0.00536	<0.0520	0.05	—	—	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	<0.0520	0.00647 J	<0.0520	0.00736 J
Silver	SW 6010C Rev 3 (2007)	0.00146	<0.0208	—	0.094	0.1	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208	<0.0208
Thallium	SW 6010C Rev 3 (2007)	0.002	<0.073	0.002	0.0002	—	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073
Tin	SW 6010C Rev 3 (2007)	0.00327	<0.728	—	12	—	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728	<0.728
Vanadium	SW 6010C Rev 3 (2007)	0.0005	0.021	—	0.086	—	<0.02	<0.021	<0.021	<0.021	<0.021	<0.02	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021
Zinc	SW 6010C Rev 3 (2007)	0.004	0.0156	—	6	5	0.0374	<0.0156	0.0219	0.0332	0.00759 J	0.0440	<0.0156	<0.0156	<0.0156	<0.0156	<0.0156	0.00452 J

Exceeds MCL

Exceeds RSL

Exceeds SMCL

Bold

Dash (—)

Notes:

MCL = Maximum Contaminant Level

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SMCL = Secondary Maximum Contaminant Level

Indicates constituent detected below screening levels.

Indicates no data exists or sample not collected for associated parameter due to inadequate sample volume.

SO4 - sulfate; mg/L - milligrams per liter; Dup - duplicate; CIDS - Class I Draw Spring;

LE - landfill entrance; HDPE - high density polyethylene;

EB - equipment blank; J - Indicates "estimated" results that are below the quantitation limit but above the method detection limit.

Table 3-3 - Summary of Organic Analyses

Analyte	Method	Detection Limit (µg/L)	Reporting Limit (µg/L)	MCL (µg/L)	RSL (µg/L)	Results (µg/L)																					
						NE-3	NE-4	NE-6	CIVDS	L.E.Seep	NE-3 SP	SP A	SP-7	TSP-1	EB-1	EB-2	EB-3	EB-4	EB-5	EB-6	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	
						10/22/2018	10/30/2018	10/22/2018	10/13/2018	10/23/2018	10/22/2018	10/23/2018	10/23/2018	10/18/2018	10/22/2018	10/23/2018	10/24/2018	10/26/2018	10/29/2018	10/30/2018	10/19/2018	10/29/2018	10/23/2018	10/25/2018	10/31/2018	11/5/2018	
TOC	SM 5310 B-2011	0.26	1.00	—	—	1457	0929	1304	1448	1059	1520	1335	1022	1535	1755	1709	1535	1410	1804	1405	0910	0818	1240	1240	1023	0900	
						1.24	<1.00	<1.00	1.60	2.73	1.89	1.92	2.57	3.06	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—	---	
Acrolein	SW 8260C, Rev 3, 2006	1.48	50.0	—	0.042	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	---
Acrylonitrile	SW 8260C, Rev 3, 2006	0.549	50.0	—	0.052	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	---
Benzene	SW 8260C, Rev 3, 2006	0.608	5.00	5	0.46	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.70
Bromobenzene	SW 8260C, Rev 3, 2006	0.281	5.00	—	62	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.72
Bromochloromethane	SW 8260C, Rev 3, 2006	0.357	5.00	—	83	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<2.5
Bromodichloromethane	SW 8260C, Rev 3, 2006	0.221	5.00	80	0.13	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.1
Bromoform	SW 8260C, Rev 3, 2006	0.345	5.00	80	3.3	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.9
Bromomethane	SW 8260C, Rev 3, 2006	0.376	50.0	—	7.5	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<2.4
2-Butanone	SW 8260C, Rev 3, 2006	0.455	50.00	—	5600	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<7.3
n-Butylbenzene	SW 8260C, Rev 3, 2006	0.362	5.00	—	1000	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.87
sec-Butylbenzene	SW 8260C, Rev 3, 2006	0.174	5.00	—	2000	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.61
tert-Butylbenzene	SW 8260C, Rev 3, 2006	0.321	5.00	—	690	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.54
Carbon disulfide	SW 8260C, Rev 3, 2006	0.32	50.0	—	810	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<4.6
Carbon Tetrachloride	SW 8260C, Rev 3, 2006	0.237	5.00	5	0.46	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.7
Chlorobenzene	SW 8260C, Rev 3, 2006	0.204	5.00	100	78	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<2.8
Chlorodibromomethane	SW 8260C, Rev 3, 2006	0.378	5.00	—	—	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	---
Chloroethane	SW 8260C, Rev 3, 2006	0.348	5.00	—	21000	<50.0	<50.0	<50.0	<50.0	2.20 J	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<1.7
2-Chloroethyl Vinyl Ether	SW 8260C, Rev 3, 2006	0.176	50.0	—	—	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<4.7
Chloroform	SW 8260C, Rev 3, 2006	0.232	5.00	80	0.22	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.2
Chloromethane	SW 8260C, Rev 3, 2006	0.496	50.0	—	190	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<1.4
2-Chlorotoluene	SW 8260C, Rev 3, 2006	0.254	5.00	—	240	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.74
4-Chlorotoluene	SW 8260C, Rev 3, 2006	0.225	5.00	—	250	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.74
1,2-Dibromo-3-chloropropane	SW 8260C, Rev 3, 2006	0.584	5.00	0.2	0.00033	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<2.0
Dibromomethane	SW 8260C, Rev 3, 2006	0.432	5.00	—	8.3	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.71
1,2-Dibromoethane	SW 8260C, Rev 3, 2006	0.343	5.00	0.05	0.0075	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.87
1,2-Dichlorobenzene	SW 8260C, Rev 3, 2006	0.341	5.00	600	300	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.96
1,3-Dichlorobenzene	SW 8260C, Rev 3, 2006	0.098	5.00	—	—	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.58
1,4-Dichlorobenzene	SW 8260C, Rev 3, 2006	0.228	5.00	75	0.48	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.70
1,1-Dichloroethane	SW 8260C, Rev 3, 2006	0.279	5.00	—	2.8	<5.00	<5.00	<5.00	<5.00	0.880 J	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.5
1,2-Dichloroethane	SW 8260C, Rev 3, 2006	0.186	5.00	5	0.17	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.70
1,1-Dichloroethene	SW 8260C, Rev 3, 2006	0.168	5.00	7	—	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.5
cis-1,2-Dichloroethene	SW 8260C, Rev 3, 2006	0.216	5.00	70	36	0.278 J	<5.00	<5.00	<5.00	0.341 J	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.68
trans-1,2-Dichloroethene	SW 8260C, Rev 3, 2006	0.3	5.00	100	360	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.1
Dichlorodifluoromethane	SW 8260C, Rev 3, 2006	0.422	50.0	—	200	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<0.94
1,2-Dichloropropane	SW 8260C, Rev 3, 2006	0.343	5.00	5	0.85	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.87
1,3-Dichloropropane	SW 8260C, Rev 3, 2006	0.345	5.00	—																							

Table 3-4 – Summary of Statistical Trends

Well	Significant Increasing Trends	Significant Decreasing Trends
CAO-1	Arsenic, barium, benzene, chloride, iron	Cobalt, 1,1-dichloroethane, cis-1,2-dichloroethene, manganese, nickel, sulfate, zinc
CAO-2	Chloride, manganese	Copper, zinc
CAO-3	Chloride	Barium, cadmium, nickel, sulfate, zinc
MW-1	Arsenic, barium, benzene, chloride, chlorobenzene, 1,1-dichloroethane, cis-1,2-dichloroethene, 1,4-dichlorobenzene, cobalt, TDS, iron, manganese, nickel, sulfate, TOC, vinyl chloride, zinc	—
MW-1R	Arsenic, 1,1-dichloroethane, iron	Manganese
MW-2	—	Manganese, zinc
MW-3	Barium, iron, nickel, TDS, zinc	Cobalt, copper, sulfate
MW-4	Chloride, sulfate, TDS, zinc	Cadmium, chromium
MW-5	Chloride, sulfate, TDS, zinc	Chromium
MW-6	Chloride, sulfate, TDS, zinc	Cadmium, chromium, copper
MW-7	—	Barium, chloride, mercury, zinc
MW-509D	Cadmium, chloride, sulfate	Chromium
MW-577	Chloride	Barium, copper, sulfate, TDS, zinc
MW-633D	Barium, chloride, 1,1-dichloroethane, TDS, zinc	Copper, sulfate
MW-689D	TDS	Chromium, mercury, nickel, zinc
NAB-2	Barium, chloride, TDS	Copper, nickel, sulfate
NAB-3	Barium, chloride, iron, TDS	Cadmium, copper, nickel
NAB-4	Barium, TDS, zinc	Cadmium
NAB-7	Barium, chloride, iron, sulfate, zinc	Nickel
NAB-8	Chloride, TDS	Barium, cadmium, chromium, copper, nickel
NE-2	—	Chloride, sulfate, TOC, TDS
NE-3	—	—
NE-4	—	—
NE-6	—	Sulfate, zinc

As discussed in previous reports, an important consideration is whether the data is significantly influenced by seasonal changes. If so, the data should be adjusted for seasonal influences. Based on the data generated to date 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. It is likely that the landfill cap will have a significant influence on the effect of precipitation at the site.

Confidence intervals are commonly used for assessment monitoring to demonstrate significance in AMC concentrations. The Groundwater Protection Standards (GWPS) utilized in the statistical evaluation are included in Table 3-2 and Table 3-3 attached to this report. The statistical evaluation was conducted in accordance with recommended procedures found in the Unified Guidance. Confidence intervals were constructed for any metal or VOC constituent detected in concentrations greater than the applicable screening level, also listed in Tables 3-2 and 3-3. Confidence interval statistical analysis was not performed for indicator parameters.

The calculation of confidence intervals consisted of the establishment of 95% Lower Confidence Limits (LCLs) and 95% Upper Confidence Limits (UCLs). If one or more of the events used for the confidence interval was above the constituent's MCL and the calculated coefficient of variation (CV) for the population was greater than 0.3 then additional evaluations were performed for that well/constituent pair. If after further evaluation a population that complied with the statistical procedures outlined in the Unified Guidance (UG) 22.1.1 & UG Table 22-3, a visual inspection of the data was performed to identify shift points in the data set. From these shift points the most recent population was used in the calculation of confidence limits.

The evaluation results show that the calculated LCL exceeded the following AMC parameters at the following monitoring points, indicating statistical confidence that the measured concentrations are above the established Groundwater Protection Standards.

Table 3-5 – Summary of LCL Exceedances

Monitoring Point	AMC
CAO-1	1,1-dichloroethane, arsenic, cobalt, iron, manganese, vinyl chloride
MW-1	1,1-dichloroethane, arsenic, cobalt, manganese, vinyl chloride
MW-1R	1,1-dichloroethane, arsenic, cobalt, iron, vinyl chloride
MW-3	Manganese

The complete confidence interval evaluation results for the October 2018 sampling event are presented in Appendix D.

4.0 Leachate Analytical Results

As previously referenced, the leachate generated at the NABORS Landfill is transported to the City of Springfield, MO wastewater collection system under Wastewater Contribution Permit #593. A sample of the leachate plus a duplicate sample was collected and submitted for laboratory analysis. Table 4-1 below summarizes the analytical methods and results of the analyses.

Table 4-1 – Summary of Leachate Analysis Results

Parameter	Analytical Method	Units	Leachate	Leachate Duplicate
Chloride	EPA 300.0, 2.1-1993	mg/L	703	675
Sulfate	EPA 300.0, 2.1-1993	mg/L	16.7	16.7
Ammonia as N	SM 4500-NH3 B,D,C-2011	mg/L	100	80.4
Cyanide (total)	SM 4500-CN B,E-2011	mg/L	< 0.010	<0.010
Flashpoint	SW 1010A, Rev 1, 2004	°C	Did Not Flash	Did Not Flash
Oil & Grease	EPA1664 Mod, Rev. B 2010	mg/L	< 3.50	< 3.50
Sulfide	SM 4500-S2 D-2011	mg/L	< 0.100	< 0.100
TDS	SM 2540 C-2011	mg/L	2520	2510
TOC	SM 5310 B-2011	mg/L	136	129
Antimony	EPA 200.8 Rev 5.4(1994)	ug/L	< 2.08	< 2.08
Arsenic	EPA 200.8 Rev 5.4(1994)	ug/L	17	17.4
Barium	EPA 200.8 Rev 5.4(1994)	ug/L	2880	2900
Beryllium	EPA 200.8 Rev 5.4(1994)	ug/L	< 0.26	< 0.260
Cadmium	EPA 200.8 Rev 5.4(1994)	ug/L	< 0.26	< 0.260
Chromium	EPA 200.8 Rev 5.4(1994)	ug/L	6.46	6.71
Cobalt	EPA 200.8 Rev 5.4(1994)	ug/L	11.2	11.5
Copper	EPA 200.8 Rev 5.4(1994)	ug/L	13.2	14.1
Iron	EPA 200.8 Rev 5.4(1994)	ug/L	29700	30500
Lead	EPA 200.8 Rev 5.4(1994)	ug/L	1.39	1.43
Manganese	EPA 200.8 Rev 5.4(1994)	ug/L	2060	2020
Mercury	SW7470A/EPA245.1,3.0-1994	mg/L	< 0.002	< 0.00200
Nickel	EPA 200.8 Rev 5.4(1994)	ug/L	70.4	72.1
Phosphorus	EPA 200.8 Rev 5.4(1994)	mg/L	0.56	0.627
Selenium	EPA 200.8 Rev 5.4(1994)	ug/L	< 2.08	< 2.08
Silver	EPA 200.8 Rev 5.4(1994)	ug/L	< 0.26	< 0.260
Thallium	EPA 200.8 Rev 5.4(1994)	ug/L	< 0.26	< 0.260
Tin	EPA 200.8 Rev 5.4(1994)	ug/L	27.1	< 20.8
Vanadium	EPA 200.8 Rev 5.4(1994)	ug/L	5.95	5.99
Zinc	EPA 200.8 Rev 5.4(1994)	ug/L	34.1	35.2

Table 4-1 – Summary of Leachate Analysis Results (continued)

Parameter	Analytical Method	Units	Leachate	Leachate Duplicate
1,1-Dichloroethane	EPA 624	ug/L	< 10	< 10.0
1,1-Dichloroethene	EPA 624	ug/L	< 10	< 10.0
1,1,1-Trichloroethane	EPA 624	ug/L	< 10	< 10.0
1,1,2-Trichloroethane	EPA 624	ug/L	< 10	< 10.0
1,1,2,2-Tetrachloroethane	EPA 624	ug/L	< 10	< 10.0
1,2-Dichlorobenzene	EPA 624	ug/L	< 5	< 5.00
1,2-Dichloropropane	EPA 624	ug/L	< 10	< 10.0
1,2-Dichloroethane	EPA 624	ug/L	< 10	< 10.0
1,3-Dichlorobenzene	EPA 624	ug/L	< 5	< 5.00
1,4-Dichlorobenzene	EPA 624	ug/L	< 5	< 5.00
2-Chloroethyl vinyl ether	EPA 624	ug/L	< 10	< 10.0
Acrylonitrile	EPA 624	ug/L	< 20	< 20.0
Benzene	EPA 624	ug/L	< 10	< 10.0
Bromodichloromethane	EPA 624	ug/L	< 10	< 10.0
Bromoform	EPA 624	ug/L	< 10	< 10.0
Acrolein	EPA 624	ug/L	< 50	< 50.0
Bromomethane	EPA 624	ug/L	< 50	< 50.0
Carbon tetrachloride	EPA 624	ug/L	< 2	< 2.00
Chlorobenzene	EPA 624	ug/L	< 10	< 10.0
Chlorodibromomethane	EPA 624	ug/L	< 10	< 10.0
Chloroethane	EPA 624	ug/L	< 50	< 50.0
Chloroform	EPA 624	ug/L	< 10	< 10.0
Chloromethane	EPA 624	ug/L	< 50	< 50.0
cis-1,3-Dichloropropene	EPA 624	ug/L	< 10	< 10.0
Ethylbenzene	EPA 624	ug/L	34.3	35.2
Methylene chloride	EPA 624	ug/L	< 20	< 20.0
Tetrachloroethene	EPA 624	ug/L	< 10	< 10.00
Toluene	EPA 624	ug/L	< 10	< 10.00
trans-1,2-Dichloroethene	EPA 624	ug/L	< 10	< 10.00
Trichloroethene	EPA 624	ug/L	< 10	< 10.00
trans-1,3-Dichloropropene	EPA 624	ug/L	< 10	< 10.00
Vinyl chloride	EPA 624	ug/L	< 2	< 2.00
Trichlorofluoromethane	EPA 624	ug/L	< 50	< 50.0

5.0 Quality Assurance/Quality Control Results

Duplicate samples were collected from monitoring wells MW-7 and NAB-7 during the October 2018 groundwater sampling event. In addition, a duplicate sample of leachate was also collected. Comparison of the original and duplicate data shows good agreement between sample and duplicate pairs. The relative percent difference (RPD) for manganese in MW-7 was 20.2 percent, while the RPD for iron in NAB-7 was 18.5 percent. With these exceptions, the RPD for the measured concentrations was within ten percent for the groundwater samples and duplicates. The RPDs for the detected concentrations of ammonia and phosphorus in the leachate and leachate duplicate samples were 21.7 and 11.3 percent respectively.

A total of six equipment blanks were collected during groundwater sampling activities. The equipment blanks were collected by running distilled water over decontaminated equipment directly into the sample containers. Barium and mercury were detected in sample EB-2. Mercury was detected in sample EB-3. Beryllium, manganese, and selenium were detected in sample EB-4. Selenium and zinc were measured in sample EB-6. Toluene was detected in samples EB-2 and EB-3. With the exception of barium, the detected concentrations were very low, estimated (J-values) concentrations.

Seven trip blanks were analyzed to evaluate the potential for sample cross contamination. The trip blanks were analyzed for VOCs. No VOCs were detected in any of the trip blanks above their respective detection limits.

Figures

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Appendix A

Field Forms

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NABERS LANDFILL - 10/2018 C.W.

WEATHER: MOSTLY SUNNY, 10-15

1151: T. HUTTON ON SITE

1236: BELOW CARLINE WALLS,

1243: Archive at MW-6

1309: Arrives AT MW-2

132A: Anne at NAB-7

1335: CHECK LEACHATE TRNK

APPROX. 3-4" OF STORM

1344: Arrive At MW-S

$D_{TW} = 78.39'$ - CANNOT DRIVE

TO DUE TO EXCESSIVE PUTTING
AND SLOPE

10/17/18

1356: ARRIVE AT MW-4

DTW = 88.12'

1408: ARRIVE AT NE-6

DTW = 8.96'

1418: ARRIVE AT MW-3 - OUTER

CASING COVER JAMMED ONTO

WELL CASING. COULD NOT

OPEN. TRIED ROCK, WOULD

NOT WORK. INNER CASING

PUSHING UP ON OUTER CASING

W.D. SLIPPED ON STEEP SLOPE.

ALSO, NO LOCK

1428: ARRIVE AT CAO-2

DTW = 36.86' NO LOCK

1440: ARRIVE AT MW-2

DTW = 36.21' SLOPE VERY ERODED

1451: ARRIVE AT CAO-1

DTW = 26.75' WEST WELL

1502: ARRIVE AT NAB-8

DTW = 84.98' TD = 85.7

1513: ARRIVE AT CAO-3

DTW = 14.82'

1522: ARRIVE AT MW-633D

DTW = 65.31'

10/17/18

1532: ARRIVE AT NAB-4

DTW = 116.94' TD = 138.2'

WELL STUCK-UP CASING BEST

SLIGHTLY OVER

1545: ARRIVE AT MW-689

DTW = 25.96'

EXISTING TUBS IN WELL HAS

DROPPED ^{2"} AND NEEDS TO BE

FISHED OUT.

1600: ARRIVE AT NE-3

DTW = 6.46'

1610: ARRIVE AT NAB-3

DTW = 25.12' LOCK WON'T LOCK

1622: ARRIVE AT MW-577

DTW = 42.44' FIRE ANTS

IN WELL CAP AND AROUND

WELL HEAD

1631: ARRIVE AT NAB-2

DTW = 82.44' TD = 102.8'

NO LOCK - WELL EXTENDED

INNER CASING TOO HIGH. ALSO

NO INNER WELL CAP. NEEDS

TO BE TRIMMED ABOUT 2"

CONC. PAD TEETERING.

Rite in the Rain

10/17/18

1606: ARRIVE AT MW-509

DTW = 19.98'

1700: ARRIVE AT NE-2

DTW = 53.75'

NOTE: AREA AROUND MW-509,
NE-2, ~~NE-3~~ & NE-4 VERY
EROSION - ACCESS TO WEBS
IS DIFFICULT - RIPRAP CHANNEL

1707: LOOKED FOR TSP-2 - WATER
IN CHANNEL BUT APPEARS TO
BE STORM WATER EMANATING
FROM HEAD WALL

1716: ARRIVE AT NE-4

DTW = 71.33'

1728: ARRIVE AT MW-12

NO LOCK DTW = 69.95'

1727: ARRIVE AT MW-1

DTW = 68.24' HASP BROKEN

1744: TH OFF SITE



10/13/13

NABORS LANDFILL - 10/2012 G.W.

SAMPLING EVENT

WEATHER: PARTLY CLOUDY,
MID AOS, LIGHT BREEZE

0754 - T. HUETTER ON SITE,
BEGIN COLLECTING LANDFILL
GAS DATA W/ MULTIRAE PID

0800: ARRIVE AT GP-14R

O ₂	LEL	CO	H ₂ S	CH ₄
16.4	0	0	0.0	0.5

0821: ARRIVE AT GP-16R

22.9	0	0	0.0	0.0

0832: ARRIVE AT GP-15

14.3	0	0	0.0	0.4

0850: ARRIVE AT SCALE HEXAS

22.9	0	0	0.0	0.0

MULTI RAE BATTERY MALFUNCTIONING
GOT IT WORKING - MAYBE

0926: LEACHATE TANK @ 77.3'

0929: ARRIVE AT GP-16

0.0	100	90	L3	DA
		15	11.1	0.5

10/13/13

0945: ARRIVE AT GP-17

O ₂	LEL%	CO	H ₂ S	%CH ₄
13.8	0	0	0.0	1.1

0952: ARRIVE AT GP-4 - NO WATER

0959: ARRIVE AT GP-18R

O ₂	LEL%	CO	H ₂ S	%CH ₄
4.7	28	0	0.0	2.0

1006: ARRIVE AT GP-1

O ₂	LEL%	CO	H ₂ S	%CH ₄
0.3	22	0	0.0	0.7

GP-1 NEEDS SMALLER BARB

1019: ARRIVE AT GP-18

O ₂	LEL%	CO	H ₂ S	%CH ₄
1.7	99	0	0.0	0.1

1034: ARRIVE AT GP-14

O ₂	LEL%	CO	H ₂ S	%CH ₄
13.7	0	0	0.0	1.2

1041: ARRIVE AT GP-13

O ₂	LEL%	CO	H ₂ S	%CH ₄
15.3	0	0	0.0	1.7

1047: ARRIVE AT GP-12

O ₂	LEL%	CO	H ₂ S	%CH ₄
12.3	0	0	0.0	0.5

GP-12 NEEDS SMALLER BARB

1059: GO TO OFFICE FOR WEEKLY

MEETING. MENTIONED ISSUES WITH

EXTENDED WELLS - SCS WILL
REPAIR / CORRECT

1

10/13/13

1151: CONDUCT GAS SURVEY OF OFFICES. ALL READINGS 0

O₂ NORMAL

1209: ARRIVE AT GP-11. NO LOCK

O₂ OUTER STICK UP

O ₂	LEL%	CO	H ₂ S	%CH ₄
10.4	0	0	0.0	1.1

1220: ARRIVE AT GP-10

O ₂	LEL%	CO	H ₂ S	%CH ₄
12.4	0	0	0.0	0.5

1229: ARRIVE AT GP-9

O ₂	LEL%	CO	H ₂ S	%CH ₄
10.7	0	0	0.0	0.3

1235: ARRIVE AT GP-8

O ₂	LEL%	CO	H ₂ S	%CH ₄
10.5	0	0	0.0	2.6

1244: ARRIVE AT GP-7

O ₂	LEL%	CO	H ₂ S	%CH ₄
17.8	0	0	0.0	1.3

1250: ARRIVE AT GP-6 - WELL TOO HIGH TO START OUTER TOP.

O ₂	LEL%	CO	H ₂ S	%CH ₄
15.2	0	0	0.0	1.7

1256: ARRIVE AT GP-5

O ₂	LEL%	CO	H ₂ S	%CH ₄
0.2	38	0	0.0	1.9

1304: ARRIVE AT GP-4

O ₂	LEL%	CO	H ₂ S	%CH ₄
13.0	0	0	0.0	1.1

1309: ARRIVE AT CLASS IV DRAW

SLIGHT FLOW - WILL SAMPLE LATER

Rite in the Rain

10/18/18

1314: ARRIVE AT GP-3

DO	CEL	CO	H ₂ S	CH ₄
13.9	0	0	0.0	0.6

1319: ARRIVE AT GP-2

DO	CEL	CO	H ₂ S	CH ₄
11.4	0	0	0.0	1.1

1345: BACK AT MW-3 W/ SAW TO CUT CASING. CASING CUT WHEN OPENED, CHECK WATER LEVEL AND TD

DTW = 32.45' TD = 39.0'

1406: GO TO CLASS I DRAW SPRING

1418: WALKED ALL THE WAY UP DRAW TO HEADWALL, WATER EMANATING FROM HEADWALL PIPE. GOOD FLOW ALL WAY DOWN TO NE-6, BUT NO APPARENT SPRING CONTRIBUTION

1443: ARRIVE AT CLASS IV DRAW SPRING TO COLLECT SAMPLES

PH	7.42	DO	6.70
TEMP	15.6	TURBIDITY	3.69
COND	599		
ORP	201.1		

10/18/18

1506: GO TO NE-3 SPRING

1513: ARRIVE AT NE-3.

SLIGHT FLOW OUT OF SPRING X 50' SS OF NE-3 FLOWING OUT OF AND ON TO BEDROCK NOT DEEP ENOUGH TO SAMPLE BEFORE MIXING W/ WATER IN ADJACENT TRIBUTARY.

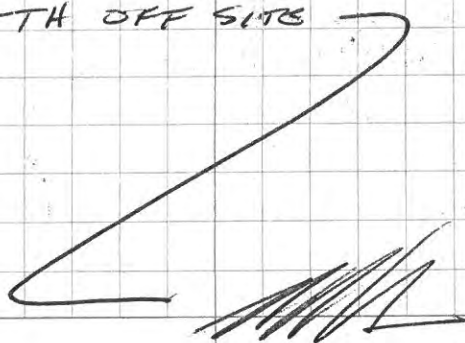
1535: ARRIVE AT TSP-1

SLIGHT FLOW, WITH COLLECT SAMPLES FROM POOL

PH	6.95	DO	2.76
TEMP	16.5	ORP	67 183.2
COND	67	TURB	3.42

1558: BACK AT STAGING AREA TO LOAD ATV.

1640: TH OFF SITE



Rite in the Rain

10/22/18

NABERS LANDFILL 10/2018 C.W.

SAMPLING EVENT

WEATHER: MOSTLY SUNNY, 60S
LIGHT BREEZE

1140: T. HUSTON AND D. FIELDS
ON SITE. GO TO STAGING
AREA TO UNLOAD ATV AND
PREPARE FOR SAMPLING

1218: CHECK LEAK RATE LEVEL
IN TANKS - 93.8"

1235: GO TO NE-6 TO BEGIN
SAMPLING

1236: ARRIVE AT NE-6. SET UP
TO PURGE

1247: BEGIN PURGING NE-6. PUMP
WILL NOT WORK FOR LOW-FLOW
- LOWEST DISCHARGE 700 ML/MIN

1304: PURGE COMPLETE, COLLECT
SAMPLES FROM NE-6. TALK TO
PUMP SUPPLIER - THEY INDICATED
THAT PUMP DISCHARGE WAS BS
LOWEST. WILL TRY AT NE-3

1403: ARRIVE AT NE-3 - CALLED
GED TECA TO DISCUSS PUMPING
WILL TRY AGAIN

10/22/18

1437: START PURGING NE-3

1457: NE-3 PURGE COMPLETE

COLLECT G.W. SAMPLES. WATER
AT SPRING NEAR NE-3 APPEARS
TO BE ALL GROUNDWATER. WILL
COLLECT SAMPLE

1520: COLLECT SAMPLES FROM
NE-3 SPRING

1539: ARRIVE AT NAB-3

1549: START PURGING NAB-3

1609: NAB-3 PURGE COMPLETE,
COLLECT SAMPLE

1637: ARRIVE AT MW-689.
TUBING HAS DRIPPED WILL
HAVE TO FISH OUT.

1647: ARRIVE AT MW-577

1654: START PURGING MW-577

1712: MW-577 PURGE COMPLETE,
COLLECT SAMPLES

1742: GO TO STAGING AREA

1755: COLLECT EP-1

1810: HARBOR OFF SITE

Rite in the Rain

10/23/18

NABORS LANDFILL 10/2018 G.W.

SAMPLING EVENT

WEATHER: MOSTLY SUNNY, 40s - 60s, LIGHT BREEZE

0802: T. HUSTON, J. FIELDS OF HARBOUR ON SITE. AT STAGING AREA. BEGIN PREPARING EQUIP. FOR SAMPLING.

0819: CALIBRATE INSTRUMENTS

0906: ARRIVE AT MW-6

0924: START PURGING MW-6

0945: MW-6 PURGE COMPLETE.

COLLECT G.W. SAMPLES

1008: GO TO CHECK SPRING SP-7

~~1010~~ 1010: ARRIVE AT SP-7, FLOWING GOOD, WILL SAMPLE

1022: COLLECT SPRING SAMPLE

1031: ATTEMPT TO FIND SPRING B
VERY THICK VEGETATION IN AREA
DID NOT SEE ANY FLOW INTO
POND IN VICINITY OF SPRING B
CANAL AREA.



10/23/18

1048: GO TO LANDFILL
ENTRANCE SEEP

1059: COLLECT LE. SEEP SAMPLE

1112: LEACHATE HAULER ON SITE
GO TO COLLECT LEACHATE SAMPLE

1115: COLLECT LEACHATE SAMPLE

pH = 7.17 DO = 4.12

COND = 4130 ORP = -39.2

TEMP = 15.4 TURB = 129

1217: GO TO MW-7

1231: ARRIVE AT MW-7. SET
UP TO PURGE WELL

1240: BEGIN PURGING MW-7

1257: MW-7 PURGE COMPLETE.
COLLECT SAMPLE PLUS DUPLICATE

1324: GO TO SPRING A

1329: ARRIVE AT SPRING A,
SAME FLOW, WILL SAMPLE

pH = 6.84 DO = 1.98

TEMP = 15.5 ORP = 0.2

COND = 521 TURB = 2.12

1335: COLLECT SPRING SAMPLE



Kevin the Rain

10/23/18

1345: TRY TO FIND NAB-7

COULD NOT FIND IT. TOO THICK

1411: BACK TO STAGING AREA

1443: ARRIVE AT MW-689

1451: BEGIN PURGING MW-689

1516: MW-689 PURGE COMPLETE,
COLLECT SAMPLE

1539: ARRIVE AT MW-633D

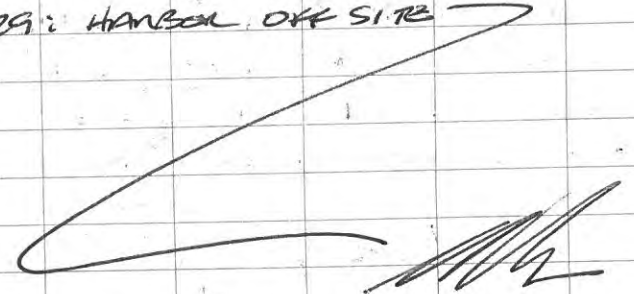
~~1525~~ 1550: BEGIN PURGING
MW-633D

1625: PURGE COMPLETE, COLLECT
SAMPLE. PUMP CONTINUING
TO NOT MALFUNCTION, ORDERED
REPLACEMENT.

1654: BACK TO STAGING AREA

1709: COLLECT RINSEATE PLANK
CB-2

1729: HANDED OFF SITE



10/24/18

NABORS LANDFILL 10/2018 C.W.

SAMPLING EVENT

WEATHER: MOSTLY SUNNY,
5-10 MPH WIND, 40s-60s

0730: HANDED ON SITE. BEGIN
PREPARING TO SAMPLE, CALIBRATE
INSTRUMENTS

0811: ARRIVE AT MW-5. SET
UP TO PURGE

0827: START PURGING MW-5

0905 MW-5 PURGE COMPLETE,
COLLECT SAMPLE

0924: ARRIVE AT MW-4

0936: START PURGING MW-4

PUMP KEEPS KICKING OFF

PUMP TOTALLY OFF. WONT

PUMP. PULLED PUMP, CHECKED
IN BUCKET OF WATER, WORKING

FINE - REINSERTED IN WELL
TO TRY AGAIN - SUSPECT HOLE

1048 - PUMPING STARTING

1058: PUMP STOPPED, CALLED
GEOTECH - THEY THINK ITS
A BAD INJECTION

Rite in the Rain

10/24/12

1112: BACK TO STAGING AREA
D. FIELDS TO GO GET NEW
INVERTER

1125: D. FIELDS OFF SITE

1128: GO TO LOOK FOR
REMAINING SPRINGS

1132: ARRIVE AT 4-5 AREA
BEGIN LOOKING

1138: ARRIVE AT SP-5. NO
FLOW OR ANY WATER

1147: ARRIVE AT TSP-4 AREA

1154: ARRIVE AT TSP-4
SMALL POOL BUT NO FLOW -
WILL NOT SAMPLE

1205: ARRIVE AT TSP-3 AREA

1209: ARRIVE AT TSP-3 - VERY
LITTLE FLOW - POOLED WATER
BUT FULL OF IRON FLOC
AND IRON BACTERIA. WILL
NOT SAMPLE

1214: GO TO FIND NAB-7

1223: FOUND IT AND MARKED
A TRAIL

1235: D. FIELDS BACK ON SITE

1250: BACK TO MW-4

1258: ARRIVE AT MW-4

1307: CONTINUE PURGING MW-4

1322: MW-4 PURGE COMPLETE,
COLLECT SAMPLES

1401: ARRIVE AT NAB-4

1414: START PURGING NAB-4

1425: NOT ENOUGH POWER FROM
SITE BY SITE GOING TO
GET TRUCK.

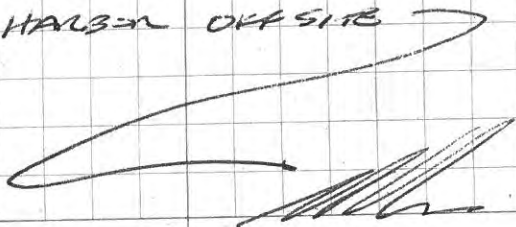
1447: INVERTER NOT POWERFUL
ENOUGH TO RUN PUMP AT
130+ FEET LEAVING

1456: D. FIELDS BACK TO GET
BIGGER INVERTER - NEGATIVE
WILL NOT DO IT. GOING TO
WAIT ON NEW PUMP

1517: BACK TO STAGING AREA

1535: COLLECT EQUIP. BLANK EB-3

1556: HALZEN OFF SITE



Rite in the Rain

10/25/18

NABORS LANDFILL 10/20/18 C.W

SAMPLING EVENT.

WEATHER: OVERCAST, LIGHT
DRIZZLE, MID 40s, LIGHT WIND

0745: T. HUSTON, P. FIELDS

ON SITE. GO TO STAGING AREA

CALIBRATE INSTRUMENTS

0812: P. FIELDS OFF SITE TO

MEET A. SMITH TO DELIVER

SAMPLE CORES

0827: GO TO MW-3

0833: ARRIVE AT MW-3. - ALL

OF THE ROCKS AND STEEP

SLOPE ARE A SERIOUS

SAFETY HAZARD

0854: RAIN INCREASING, BEGIN

PURGING MW-3

0914: PURGE COMPLETE, COLLECT
SAMPLES

0943: ARRIVE AT CAO-2

1001: START PURGING CAO-2

1021: WELL WATER LEVEL DROPPING

WILL NOT PUMP AFTER 2 CAL.

WILL ALLOW TO RECHARGE

1050: RESTARTED PURGING CAO-2

WELL PUMPED DRY IN THREE
MINUTES. WELL ALLOW TO

RECHARGE OVERNIGHT AND

SAMPLE WITH BAILER IN AM

1114: BACK TO STAGING AREA

RAIN MIST - MAY HAVE

MORE HEAVY STUFF COMING

1146: P. FIELDS BACK ON SITE

CLEANING UP

1206: OFFSITE UNTIL RAIN

STOPS

10/26/18

NABORS LANDFILL 10/2018 G.W.

SAMPLING EVENT

WEATHER: OVERCAST, UPPER 40s,
WINDY, 10-15 MPH

0750: T. HUSTON, D. FIELDS
ON SITE. GO TO STAGING
AREA TO GET EQUIP. AND
DO CALIBRATIONS

0809: GO TO CAO-2 TO COLLECT
SAMPLE

0816: ARRIVE AT CAO-2 TO
COLLECT SAMPLE W/ BAILER

0905: ARRIVE AT CAO-3. SST
UP TO PURGE. WHEN PURGED
DRY AT 2.0 GALLONS, WILL
HAVE TO COME BACK AND
SAMPLE WITH BAILER

0959: ARRIVE AT NAB-7

1008: BEGIN PURGING NAB-7

1053: NAB-7 PURGE COMPLETE,
COLLECT SAMPLE PLUS DUPLICATE



1136: ARRIVE AT MW-509

1144: START PURGING MW-509

1214: MW-509 PURGE COMPLETE,
COLLECT SAMPLES

1243: ARRIVE AT NAB-2

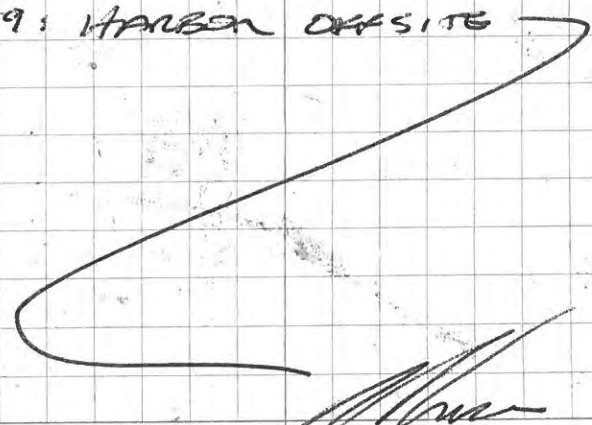
1254: BEGIN PURGING NAB-2

1329: NAB-2 PURGE COMPLETE
COLLECT SAMPLES

1401: ARRIVE BACK AT CAO-3
TO CHECK WATER LEVEL
20.80' BELOW TOC. WILL
SAMPLE MONDAY

1410: BACK AT STAGING AREA
TO LOAD EQUIPMENT AND
COLLECT EQUIPMENT BLANK

1459: HARBOUR OFFSITE



Rite in the Rain

10/29/18

NABORS LANDFILL 10/2018 G.W.

SAMPLING EVENT,

WEATHER: MOSTLY SUNNY, MID 60s,
5-10 KPH WIND

1154: T. HUSTER, D. FIELDS ON
SITE

1203: ARRIVE AT CAO-3 TO
COLLECT SAMPLE WITH BAIER

1210: COLLECT SAMPLE FROM CAO-3

1234: ARRIVE AT NAB-4

1253: START PURGING NAB-4 - WATER
NOT FLOWING - WILL NOT PUMP

1328: GO TO NE-2 - WITH
BAIR DRY, THEN SAMPLE
TOMORROW

1404: NE-2 PURGED DRY: AT
~ 4 GAL

1411: ARRIVE AT NAB-8 TO PURGE -
WILL USE BAIER. VERY LITTLE
WATER IN WELL

1432: NAB-8 PURGED DRY. MAY
NOT BE ENOUGH TO SAMPLE

10/29/18

1447: ARRIVE AT CAO-1

1455: START PURGING CAO-1

1521: CAO-1 PURGE COMPLETE,
COLLECT G.W. SAMPLES

1542: ARRIVE AT MW-1R

1552: START PURGING MW-1R

1627: MW-1R COMPLETE, COLLECT
G.W. SAMPLES

1649: SET UP ON MW-1 TO
PURGE

1658: START PURGING MW-1

1741: MW-1 PURGE COMPLETE,
COLLECT G.W. SAMPLES

1804: COLLECT EQUIP. BULK
EB-5

1829: HARBOR OFFSITE

Rite in the Rain

10/30/12

NABERS LANDFILL 10/2018 G.W.

SAMPLING BEST

WEATHER: MOSTLY SUNNY, LOW
FDS, LIGHT BREEZE

0755: T. HUSTON, D. FIELDS ON
SITE. GO TO NE-4 TO SET
UP FOR SAMPLING

0801: ARRIVE AT NE-4

0824: START PURGING NE-4

0929: NE-4 PURGE COMPLETE
COLLECT SAMPLES

1000: ARRIVE AT NE-2 TO
COLLECT SAMPLES w/ BAILER

HAVING TROUBLE BAILING WATER

DTW = 61.89 TD = 63.0

FILLED ALL BOTTLES EXCEPT
CHLORIDE, SULFATE, TDS. LEFT
BAILER IN WELL - WILL COME
BACK TO SAMPLE AFTER BAILER
RECOVERS

1040: ARRIVE BACK AT NAB-4

1051: START PURGING NAB-4

STILL NOT PUMPING - TRIED NEW
BATTERY - NADA - CAUSED FIELD

10/30/13

PULSED PUMP UP TO 6'

STILL WON'T WORK!

1143: ARRIVE AT NAB-8 TO
COLLECT SAMPLES - NEGATIVE

1208: ARRIVE AT MW-2 TO
PURGE AND SAMPLE

1223: BEGIN PURGING MW-2

1243: FLOW THROUGH CELL
HOOKED UP INCORRECTLY
HAVE TO RESTART FIELD
PARAMETERS

1300: PURGE COMPLETE, COLLECT
GW. SAMPLES

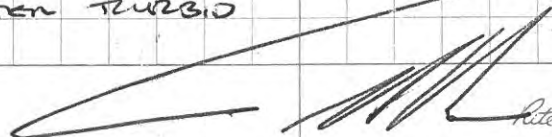
1323: BACK AT NAB-8

1327: COLLECT GW SAMPLES

1353: BACK AT NE-2 - NOT
ENOUGH WATER TO COLLECT

1405: ALL SAMPLES - CHLORIDES,
SULFATE, TDS BOTTLE 1/3 FULL

NOTE: NAB-8 SAMPLES SHORT
COULD NOT FILL CHLORIDES, SULFATE
TDS & SULFATE (BOTTLES).
CHLORIDES
WATER TURBID

 Rite in the Rain

10/30/18

1405: COLLECT EQUIP. BLANK

EB-4

1429: HARBOR OFF SITE

11/2/18

NABORS LANDFILL 10/2013 CLO

SAMPLING OVSST

WEATHER: OVERCAST, LOW 40s
LIGHT BREEZE

0944: T. HUETTER, A. SMITH
ON SITE. CHECK LEACHATE
LEVEL IN TANKS - 115.9"

1003: ARRIVE AT NAB-4

1033: START PURGING NAB-4

1101: PUMP FLOW STOPPED,
VOLTAGE FLUCTUATING. FIXED
ALLIGATOR CLIP. STILL HAVING
VOLTAGE ISSUES. WILL HAVE TO
GET NEW BATTERY

1113: OFFSITE FOR BATTERY

1201: BACK ON SITE

1204: BACK AT NAB-4

1210: RESUME PURGING NAB-4

1240: PURGE COMPLETE, COLLECT
SAMPLES

1309: ARRIVE AT NAB-8

COLLECT CL, SO₄, TDS & CN SAMPLES

1333: HARBOR OFFSITE.

Rite in the Rain



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: CAO-1			Date: 10/29/2018			
Well Diameter: 2"		Well Depth: 36.8'		Screened Interval From: —		to: —		Initial Depth to Water: 26.92'		Volume in Well: 1.6 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1456	—	—	500	26.92	0.20	1220	-43.3	6.17	17.4	536	Gray
1501	1.0	1.0	500	26.95	0.65	1240	-63.5	6.21	18.2	547	"
1506	0.5	1.5	400	27.00	1.26	1340	-73.9	6.27	17.9	111	—
1511	0.5	2.0	400	27.21	0.71	1390	-78.2	6.30	17.7	40.3	—
1516	1.0	3.0	500	27.33	0.63	1410	-79.7	6.31	17.4	19.1	—
1521	1.0	4.0	500	27.48	0.54	1430	-81.2	6.33	17.5	3.92	—

Sampling Data

Sample ID: CAO-1		Date: 10/29/2018		Time: 1521		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments:									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings <20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: CAO-2			Date: 10/25/2018			
Well Diameter: 2"		Well Depth: 45.5'		Screened Interval From: —		to: —		Initial Depth to Water: 36.99'		Volume in Well: 1.4 gal	
Sampling Method: Low-Flow			Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"		
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1001	—	—	400	36.99	0.60	1010	25.6	6.60	16.0	365	Brown
1006	0.5	0.5	400	38.51	0.75	940	35.3	6.61	16.6	480	"
1011	0.5	1.0	400	39.31	0.48	910	44.7	6.66	17.6	314	"
1016	0.5	1.5	400	40.32	0.45	920	50.7	6.61	17.5	186	"
1021	0.5	2.0	400	41.29	0.28	1100	62.0	6.55	18.3	—	—

Sampling Data

Sample ID: CAO-2		Date: 10/26/2018		Time: 0816		Sampler(s): T. Huetter					
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies			
Comments: Well purged dry – allowed to recharge overnight and sampled with bailer.											

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: CAO-3			Date: 10/26/2018			
Well Diameter: 2"		Well Depth: 23.1'		Screened Interval From: —		to: —		Initial Depth to Water: 14.82'		Volume in Well: 1.3 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
0914	—	—	300	14.78	1.70	810	174.5	6.72	16.6	438	—
0919	0.5	0.5	300	16.88	0.97	830	156.0	6.75	17.0	141	—
0924	0.5	1.0	200	17.71	1.96	820	153.3	6.75	17.5	54.1	—
0929	0.25	1.25	200	19.21	2.46	830	150.9	6.75	17.9	33.7	—
0934	0.25	1.5	200	20.44	1.50	840	149.0	6.76	17.8	25.9	—
0939	0.25	1.75	200	20.81	1.61	850	148.5	6.77	16.5	76.8	—

Sampling Data

Sample ID: CAO-3		Date: 10/29/2018		Time: 1210		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments: Well purged dry at 2.0 gallon – allowed to recharge over weekend and sampled with bailer.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name:	NABORS Landfill						Well ID:	MW-1		Date:	10/29/2018	
Well Diameter:	2"	Well Depth:	77.2'	Screened Interval From:	—	to:	—	Initial Depth to Water:	68.19'	Volume in Well:	1.4 gal	
Sampling Method:	Low-Flow			Pump Type:	Submersible			Tubing Type:	LDPE		Tubing Diameter:	0.375"
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color	
1659	—	—	500	68.19	0.57	1660	-5.0	6.35	17.1	>1000	Gray	
1704	0.75	0.75	300	69.03	0.95	1650	-14.1	6.35	17.6	>1000	"	
1709	0.25	1.0	300	69.29	1.02	1660	-16.8	6.35	18.7	>1000	"	
1714	0.25	1.25	300	69.50	0.77	1650	-20.3	6.35	20.4	342	"	
1719	0.25	1.5	300	69.82	0.53	1660	-24.0	6.36	20.7	52.5	—	
1724	0.5	2.0	400	70.15	0.47	1650	-26.7	6.37	20.8	36.3	—	
1729	0.5	2.5	400	70.35	0.51	1650	-28.0	6.37	20.9	26.9	—	
1734	0.5	3.0	400	70.71	0.60	1650	-28.8	6.38	21.1	28.1	—	
1739	0.5	3.5	500	71.70	0.62	1650	-30.0	6.38	22.5	26.1	—	
1744	0.75	4.25	600	72.21	0.50	1650	-28.3	6.38	21.0	21.2	—	
1749	0.5	4.75	500	—	0.35	1640	-31.2	6.36	20.6	16.8	—	

Sampling Data

Sample ID:	MW-1	Date:	10/29/2018	Time:	1749	Sampler(s):	T. Huetter					
Laboratory Analysis:	See report						# Bottles:	10	Preservative:	Varies		
Comments:	Tried to low-flow purge, but pumped over three well volumes.											

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings <20% saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-1R			Date: 10/29/2018			
Well Diameter: 2"		Well Depth: 78.6'		Screened Interval From: —		to: —		Initial Depth to Water: 69.89'		Volume in Well: 1.4 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1552	—	—	400	69.89	0.80	1520	-31.3	6.37	17.8	533	
1557	0.5	0.5	400	70.18	0.77	1500	-53.0	6.38	17.6	641	
1602	0.5	1.0	400	70.28	0.76	1500	-57.1	6.37	18.3	179	
1607	1.0	2.0	500	70.30	0.74	1500	-60.4	6.38	18.5	43.5	
1612	0.5	2.5	400	70.32	1.24	1510	-51.4	6.40	18.6	63.8	
1617	0.5	3.0	400	70.43	0.89	1510	-53.5	6.38	18.5	73.7	
1622	1.0	4.0	500	70.38	0.87	1510	-55.6	6.39	18.5	35.9	
1627	0.5	4.5	400	70.40	0.69	1510	-57.9	6.40	18.6	18.6	

Sampling Data

Sample ID: MW-1R		Date: 10/29/2018		Time: 1627		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments:									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-2			Date: 10/30/2018			
Well Diameter: 2"		Well Depth: 48.9'		Screened Interval From: —		to: —		Initial Depth to Water: 35.86'		Volume in Well: 2.1 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1223	—	—	400	35.86	1.34	9	115.1	7.65	20.9	133	—
1228	0.5	0.5	400	36.26	4.72	7	28.7	7.46	21.8	120	—
1233	0.5	1.0	400	36.26	4.63	7	20.3	7.40	21.7	37.3	—
1238	0.5	1.5	400	36.13	3.85	7	24.7	7.39	22.2	18.9	—
1243	0.5	2.0	400	36.19	3.42	7	33.2	7.32	22.3	9.28	—
1250	0.5	3.0	400	36.30	0.19	650	-74.1	7.11	18.7	6.63	—
1255	0.5	3.5	400	36.20	0.15	650	-64.1	7.07	18.9	3.21	—
1300	0.5	4.0	400	36.20	0.17	650	-61.7	7.08	19.1	2.90	—

Sampling Data

Sample ID: MW-2		Date: 10/30/2018		Time: 1300		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments: Discharge not properly connected to flow-through cell - fixed at 1243.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-3			Date: 10/25/2018			
Well Diameter: 2"		Well Depth: 39.0'		Screened Interval From: —		to: —		Initial Depth to Water: 32.45'		Volume in Well: 1.1 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
0854	—	—	500	32.45	1.45	1140	111.8	6.35	16.8	12.1	—
0859	1.0	1.0	500	32.62	0.95	1140	-1.8	6.44	17.9	12.8	—
0904	0.5	1.5	300	32.62	1.39	1130	-20.3	6.44	17.5	4.66	—
0909	0.5	2.0	300	32.62	1.17	1130	-27.3	6.44	18.3	4.38	—
0914	0.5	2.5	300	32.63	0.73	1130	-26.9	6.44	18.2	4.20	—

Sampling Data

Sample ID: MW-3		Date: 10/25/2018		Time: 0914		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments:									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-4			Date: 10/24/2018			
Well Diameter: 2"		Well Depth: 99.9'		Screened Interval From: —		to: —		Initial Depth to Water: 87.87'		Volume in Well: 1.9 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
0938	—	—	400	87.92	5.37	690	89.5	7.20	14.4	11.4	—
0943	0.75	0.75	400	89.23	4.73	710	93.0	7.05	15.1	—	—
0948	1.25	2.0	—	90.19	4.41	710	73.6	7.03	16.9	17.6	—
0953	0.5	2.5	—	90.44	6.07	710	74.6	7.08	16.2	11.7	—
1046	—	2.5	—	88.61	5.41	710	96.7	7.15	15.3	41.7	—
1051	0.5	3.0	—	89.19	5.17	710	93.5	7.09	15.4	—	—
1056	0.5	3.5	—	89.64	5.67	720	76.8	7.11	16.9	57.1	—
1307	—	3.5	—	88.98	6.28	720	102.3	7.12	16.1	12.4	—
1312	1.0	4.5	—	89.68	5.55	720	90.0	7.06	16.8	15.1	—
1317	1.0	5.5	—	90.39	5.36	720	83.2	7.06	17.1	13.7	—
1322	1.0	6.5	—	90.67	5.44	720	80.3	7.06	17.0	9.65	—

Sampling Data

Sample ID: MW-4	Date: 10/24/2018	Time: 1322	Sampler(s): T. Huetter
Laboratory Analysis: See report		# Bottles: 10	Preservative: Varies
Comments: Will not low flow, pump keeps kicking off.			

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-5			Date: 10/24/2018			
Well Diameter: 2"		Well Depth: 89.1'		Screened Interval From: —		to: —		Initial Depth to Water: 78.25'		Volume in Well: 1.7 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
0830	—	—	500	78.25	8.34	680	171.0	6.49	13.2	33.5	—
0835	1.25	1.25	700	78.95	7.79	720	87.6	6.13	15.4	24.2	—
0840	0.75	2.0	600	79.00	7.86	730	70.6	6.10	15.4	10.1	—
0845	1.0	3.0	500	78.98	7.91	680	62.6	6.10	15.5	6.18	—
0850	1.0	4.0	—	79.42	5.11	770	71.4	6.98	15.4	7.66	—
0855	1.0	5.0	—	79.42	3.47	770	71.8	6.95	15.6	5.35	—
0900	1.0	6.0	—	79.54	3.28	770	73.5	6.96	15.5	1.66	—
0905	1.0	7.0	—	79.48	3.21	770	78.9	6.96	15.4	1.01	—

Sampling Data

Sample ID: MW-5		Date: 10/24/2018		Time: 0905		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments: Pump shut off, low flow not working, will purge three volumes.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Groundwater Sampling Record

[illegible]

Sampling Data

Sample ID:	MW-6	Date:	10/23/2018	Time:	0945	Sampler(s):	T. Huetter			
Laboratory Analysis:	See report					# Bottles:	10		Preservative:	Varies
Comments:										

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-7			Date: 10/23/2018			
Well Diameter: 2"		Well Depth: 23.1'		Screened Interval From: —		to: —		Initial Depth to Water: 7.70'		Volume in Well: 2.5 gal	
Sampling Method: Low-Flow			Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"		
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1242	—	—	1200	7.70	8.20	630	26.3	7.40	18.2	29	—
1247	2.0	2.0	1000	10.22	7.28	610	79.4	6.94	18.2	3.16	—
1252	1.0	3.0	900	10.52	6.97	610	86.4	6.93	18.2	0.98	—
1257	1.0	4.0	900	10.84	6.68	610	88.3	6.94	18.2	0.69	—

Sampling Data

Sample ID: MW-7		Date: 10/23/2018		Time: 1257		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments: Pump at lowest setting, collected duplicate sample.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings <20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-509			Date: 10/26/2018			
Well Diameter: 2"		Well Depth: 39.6'		Screened Interval From: —		to: —		Initial Depth to Water: 20.00'		Volume in Well: 3.1 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1144	—	—	500	20.00	3.36	680	56.7	6.86	16.9	939	—
1149	1.0	1.0	400	20.80	3.20	680	68.7	6.79	17.5	511	—
1154	0.5	1.5	400	20.91	3.12	680	76.2	6.79	17.6	210	—
1159	0.5	2.0	400	20.91	3.15	680	80.9	6.78	17.5	152	—
1204	0.5	2.5	400	21.08	3.16	680	84.7	6.78	17.7	64.2	—
1209	0.5	3.0	400	21.19	3.29	680	88.4	6.77	17.8	16.4	—
1214	0.5	3.5	400	21.18	2.91	680	92.2	6.77	17.6	10.3	—

Sampling Data

Sample ID: MW-509		Date: 10/26/2018		Time: 1214		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments:									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Groundwater Sampling Record

[illegible]

Sampling Data

Sample ID:	MW-577	Date:	10/22/2018	Time:	1712	Sampler(s):	T. Huetter			
Laboratory Analysis:	See report					# Bottles:	10		Preservative:	Varies
Comments:										

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-633D			Date: 10/23/2018			
Well Diameter: 2"		Well Depth: 87.9'		Screened Interval From: —		to: —		Initial Depth to Water: 65.35'		Volume in Well: 3.7 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1550	—	—	400	65.35	4.07	780	98.6	6.97	19.2	377	Gray
1555	0.5	0.5	300	65.58	2.53	770	49.6	6.89	17.8	193	"
1600	0.5	0.75	200	65.60	2.57	770	50.5	6.89	18.2	84.4	—
1605	0.25	1.0	300	66.14	2.61	760	51.0	6.89	17.8	116	—
1610	0.5	1.5	300	65.84	2.55	770	44.6	6.90	17.9	80.1	—
1615	0.5	2.0	400	66.02	2.92	760	52.1	6.90	17.7	46.5	—
1620	0.5	2.5	400	66.62	3.40	760	65.0	6.90	17.8	25.1	—
1625	0.5	3.0	400	—	3.24	760	70.8	6.90	17.8	13.5	—

Sampling Data

Sample ID: MW-633D		Date: 10/23/2018		Time: 1625		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments: Pump shut down at 1604.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: MW-689			Date: 10/23/2018			
Well Diameter: 2"		Well Depth: 43.8'		Screened Interval From: —		to: —		Initial Depth to Water: 25.61'		Volume in Well: 3.0 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1451	—	0.5	500	25.61	5.94	720	22.5	7.29	17.1	—	Brown
1456	0.5	1.0	500	25.90	5.87	710	49.7	7.00	17.1	168	—
1501	0.5	1.5	500	25.80	5.82	700	78.6	6.99	17.2	45.3	—
1506	0.5	2.0	300	25.80	5.64	710	82.7	6.98	17.5	17.1	—
1511	0.5	2.5	300	25.31	5.31	710	91.4	6.98	17.3	11.7	—
1516	0.25	2.75	300	25.03	5.03	710	96.2	6.98	17.3	9.25	—

Sampling Data

Sample ID: MW-689		Date: 10/23/2018		Time: 1516		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments:									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: NAB-2			Date: 10/26/2018			
Well Diameter: 2"		Well Depth: 102.8'		Screened Interval From: —		to: —		Initial Depth to Water: 81.54'		Volume in Well: 3.4 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1254	—	—	600	81.54	0.97	780	136.1	6.99	15.3	82.3	—
1259	1.0	1.0	400	82.93	0.77	770	128.3	6.89	15.6	58.8	—
1304	0.5	1.5	400	83.72	0.93	770	125.3	6.88	16.1	38.2	—
1309	0.5	2.0	400	83.48	0.84	770	121.6	6.88	16.4	19.5	—
1314	0.5	2.5	400	83.74	0.96	770	118.4	6.88	17.0	14.1	—
1319	0.5	3.0	400	84.10	1.06	770	116.5	6.88	17.1	14.0	—
1324	1.0	4.0	500	84.05	0.99	770	115.1	6.87	17.0	10.1	—
1329	0.5	4.5	400	84.08	0.98	770	114.1	6.87	17.0	8.25	—

Sampling Data

Sample ID: NAB-2		Date: 10/26/2018		Time: 1329		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments:									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings <20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: NAB-3			Date: 10/22/2018			
Well Diameter: 2"		Well Depth: 46.2'		Screened Interval From: —		to: —		Initial Depth to Water: 24.71'		Volume in Well: 3.5 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1549	—	—	500	24.71	4.88	790	114.2	6.90	15.9	7.38	—
1554	0.75	0.75	500	25.70	4.67	800	114.3	6.88	16.0	12.0	—
1559	0.5	1.25	300	25.45	4.67	790	113.5	6.90	16.3	10.3	—
1604	0.75	2.0	300	25.32	4.26	790	109.9	6.90	16.5	7.87	—
1609	0.5	2.5	300	25.22	4.12	790	107.0	6.91	16.5	5.21	—

Sampling Data

Sample ID: NAB-3		Date: 10/22/2018		Time: 1609		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments:									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name:	NABORS Landfill						Well ID:	NAB-4		Date:	11/2/2018	
Well Diameter:	2"	Well Depth:	138.2'	Screened Interval From:	—	to:	—	Initial Depth to Water:	116.61'	Volume in Well:	3.5 gal	
Sampling Method:	Low-Flow			Pump Type:	Submersible			Tubing Type:	LDPE		Tubing Diameter:	0.375"
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color	
1033	—	—	400	116.1	2.16	850	119.4	6.77	15.3	—	—	
1038	0.5	0.5	400	117.09	1.71	860	89.8	6.76	15.8	351	—	
1043	0.5	1.0	400	117.22	1.55	870	85.5	6.75	16.3	287	—	
1048	1.0	2.0	500	117.22	1.31	870	92.9	6.74	17.3	202	—	
1053	0.5	2.5	400	117.32	1.28	870	96.9	6.74	17.4	127	—	
1058	—	—	—	117.43	—	—	—	—	17.8	—	—	
1210	—	—	400	117.28	2.72	860	120.1	6.92	15.6	131	—	
1215	0.5	0.5	400	117.21	1.16	870	116.0	6.76	15.9	90.7	—	
1220	0.25	0.75	300	117.25	1.31	860	115.2	6.75	16.4	72.2	—	
1225	0.5	1.25	400	117.38	1.12	860	114.3	6.74	17.0	47.5	—	
1230	0.5	1.75	400	117.44	1.04	870	113.6	6.73	17.7	27.0	—	
1235	0.5	2.25	400	117.49	0.91	870	113.2	6.73	17.8	15.7	—	
1240	0.5	2.75	400	117.47	0.90	870	112.9	6.73	17.7	13.7	—	

Sampling Data

Sample ID:	NAB-4	Date:	11/2/2018	Time:	1240	Sampler(s):	T. Huetter					
Laboratory Analysis:	See report						# Bottles:	10	Preservative:	Varies		
Comments:	Purge stopped at 1058 due to bad battery – left site to get new battery, then continued purge at 1210											

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill					Well ID: NAB-7			Date: 10/26/2018			
Well Diameter: 2"		Well Depth: 43.6'		Screened Interval From: —		to: —		Initial Depth to Water: 22.06'		Volume in Well: 3.4 gal	
Sampling Method: Low-Flow		Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"			
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1008	—	—	400	22.06	2.42	660	74.2	7.18	14.7	982	Red
1013	1.0	1.0	800	23.50	0.52	660	-60.5	7.03	15.6	1000	"
1018	1.0	2.0	—	23.68	0.19	660	-46.9	7.03	15.7	238	—
1023	1.0	3.0	600	23.68	0.35	660	-45.1	7.04	16.0	92.9	—
1028	0.5	3.5	400	23.41	0.37	660	-34.5	7.04	16.0	60.8	—
1033	0.5	4.0	400	23.40	0.25	660	-26.7	7.03	16.0	34.9	—
1038	0.5	4.5	400	23.40	0.22	660	-23.4	7.03	16.1	40.1	—
1043	0.5	5.0	400	23.26	0.20	660	-20.7	7.02	16.1	28.2	—
1048	0.5	5.5	300	23.30	0.20	660	-18.8	7.02	16.1	20.6	—
1053	0.5	6.0	400	23.23	0.20	660	-17.6	7.02	16.1	19.6	—

Sampling Data

Sample ID: NAB-7		Date: 10/26/2018		Time: 1053		Sampler(s): T. Huetter			
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies	
Comments: Collected sample + duplicate.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Groundwater Sampling Record

[illegible]

Sampling Data

Sample ID:	NAB-8	Date:	10/30/2018	Time:	1327	Sampler(s):	T. Huetter		
Laboratory Analysis:	See report					# Bottles:	10	Preservative:	Varies
Comments:	TD very hard to determine – approx. 85.7' – well purged dry with bailer, sampled with bailer on following day								

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Groundwater Sampling Record

[illegible]

Sampling Data

Sample ID:	NE-2	Date:	10/30/2018	Time:	1001	Sampler(s):	T. Huetter			
Laboratory Analysis:	See report					# Bottles:	10		Preservative:	Varies
Comments:	Bailed dry, returned to sample on 10/30/2018.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Groundwater Sampling Record

Site Name: NABORS Landfill						Well ID: NE-3		Date: 10/22/2018			
Well Diameter: 2"		Well Depth: 27.7'		Screened Interval From: —		to: —		Initial Depth to Water: 5.42'		Volume in Well: 3.6 gal	
Sampling Method: Low-Flow				Pump Type: Submersible			Tubing Type: LDPE			Tubing Diameter: 0.375"	
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color
1437	—	—	1000	5.82	1.39	630	86.5	7.22	17.7	22.9	—
1442	1.5	1.5	500	13.40	1.87	620	73.5	7.29	181.0	18.6	—
1447	0.5	2.0	300	14.10	1.79	620	48.1	7.28	18.2	14.9	—
1452	0.5	2.5	300	14.40	1.51	620	21.8	7.25	18.2	10.5	—
1457	0.5	3.0	300	14.42	0.94	620	16.9	7.19	18.3	4.41	—

Sampling Data

Sample ID: NE-3		Date: 10/22/2018		Time: 1457		Sampler(s): T. Huetter					
Laboratory Analysis: See report						# Bottles: 10		Preservative: Varies			
Comments: Had trouble getting flow rate down.											

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings <20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)



Groundwater Sampling Record

Site Name:	NABORS Landfill						Well ID:	NE-4		Date:	10/30/2018	
Well Diameter:	2"	Well Depth:	112.2'	Screened Interval From:	—	to:	—	Initial Depth to Water:	72.00'	Volume in Well:	6.6 gal	
Sampling Method:	Low-Flow			Pump Type:	Submersible			Tubing Type:	LDPE		Tubing Diameter:	0.375"
Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (mL/min)	Depth to Water (feet)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color	
0824	—	—	400	72.00	1.46	730	147.7	6.90	15.3	51.3	—	
0829	0.5	0.5	400	73.24	1.29	750	137.4	6.90	15.4	>1000	Gray	
0834	0.5	1.0	400	73.52	1.34	750	129.8	6.91	15.8	>1000	"	
0839	0.5	1.5	400	73.73	1.47	750	121.9	6.91	16.1	>1000	"	
0844	0.5	2.0	400	73.99	1.41	740	115.0	6.92	16.4	776	"	
0849	0.5	2.5	400	73.85	1.31	740	110.5	6.92	16.6	503	"	
0854	0.25	2.75	400	73.98	1.41	740	107.4	6.92	16.7	265	—	
0859	0.25	3.0	400	74.09	1.15	740	104.5	6.92	16.8	149	—	
0904	0.5	3.5	300	74.06	1.13	740	102.5	6.92	16.8	100	—	
0909	0.25	3.75	300	74.98	1.09	740	100.2	6.92	16.9	60.7	—	
0914	0.25	4.0	300	74.29	1.02	740	98.7	6.92	16.9	43.3	—	
0919	0.25	4.25	300	74.45	0.35	740	96.5	6.92	17.1	41.5	—	
0924	0.25	4.5	300	74.32	0.36	740	94.7	6.92	17.3	28.7	—	
0929	0.25	4.75	300	74.43	0.37	740	93.2	6.92	17.1	26.3	—	

Sampling Data

Sample ID:	NE-4	Date:	10/30/2018	Time:	0929	Sampler(s):	T. Huetter					
Laboratory Analysis:	See report						# Bottles:	10	Preservative:	Varies		
Comments:												

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings <20% saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Groundwater Sampling Record

[illegible]

Sampling Data

Sample ID:	NE-6	Date:	10/22/2018	Time:	1304	Sampler(s):	T. Huetter			
Laboratory Analysis:	See report					# Bottles:	10		Preservative:	Varies
Comments:	Had trouble getting flow rate down.									

Notes: Stabilization criteria for range of variation of last three consecutive readings – pH: ± 0.2 units; Temperature: ± 0.2 °C; Specific Conductance: $\pm 5\%$; Dissolved Oxygen: all readings $<20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater); Turbidity: all readings <20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Spring Sampling Record

Site Name:	NABORS Landfill				Location:	Three Brothers, AR				Date(s):	10/18/2018 – 10/23/2018	
Spring ID	Flow (Y/N)	Sampled (Y/N)	Sample Date	Sample Time	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	pH (Standard Units)	Temperature (°C)	Turbidity (NTU)	Odor/Color	
Class I Draw	N	N	—	—	—	—	—	—	—	—	—	
Class IV Draw	Y	Y	10/18/18	1448	6.70	599	201.1	7.42	15.6	3.64	Clear	
LE seep	Y	Y	10/23/18	1059	4.63	532	-10.5	7.05	15.1	24.8	Clear	
NE-3 Spring	Y	Y	10/22/18	1520	4.59	392	81.4	7.32	14.8	6.21	Clear	
Spring A	Y	Y	10/23/18	1335	1.98	521	0.2	6.81	15.5	2.12	Clear	
Spring B	N	N	—	—	—	—	—	—	—	—	—	
SP-4	N	N	—	—	—	—	—	—	—	—	—	
SP-5	N	N	—	—	—	—	—	—	—	—	—	
SP-7	Y	Y	10/23/18	1022	5.29	261	-8.2	7.06	16.3	14.9	Clear	
TSP-1	Y	Y	10/18/18	1535	2.76	67	185.2	6.95	16.5	3.42	Clear	
TSP-2	N	N	—	—	—	—	—	—	—	—	—	
TSP-3	Y	N	—	—	—	—	—	—	—	—	—	
TSP-4	N	N	—	—	—	—	—	—	—	—	—	

Sampling Data

Sampler(s):	T. Huetter						
Laboratory Analysis:	See report			# Bottles:	10	Preservative:	Varies
Comments:	TSP-3 had very minimal flow – not enough to adequately sample.						



Northside Sales, Co.

Safety & Industrial Products
7115 East Bethany Rd.
North Little Rock, AR 72117
isales@northsidesales.com

501-945-0905 (Tel)
501-945-3928 (Fax)
800-467-9005 (Toll-Free)

northsidesales.com
raegasdetection.com
pelicancasesstore.com
dbifallprotection.com

Date: October 16, 2018

Serial Number: 18E101062

Brand: YSI PRO PLUS

Installed Sensors:

Certificate of Calibration

Certificate Number: 15132

User: HARBOR ENV NS UNIT 603

Model of Instrument: YSI PRO SERIES

F.W. Version:

Pump Stall:

Datalog :

Battery:

Battery SN:

Annual Service Due:

Wireless:

Network/PAN ID:

Unit ID:

Single/Multigas:

Single gas:

Single gas:

Single gas:

Single gas:

Single gas:

Lot #:

Lot #:

Lot #:

Lot #:

Lot #:

Expire:

Expire:

Expire:

Expire:

Expire:

Technician: MIKE HOLLIS

Notes:



User Notice: This instrument was calibrated using gas referenced above and may not give the same readings if checked with a different lot of calibration gas. The instrument may encounter conditions during shipment or transport that may result in minor zero shifts. This could result in the oxygen sensor not reading 20.9% and the toxic or combustible sensor not zero. As this is a safety product, Northside Sales highly recommends that the unit be zeroed prior to its use and the calibration verified. For proper operation, the unit's battery should be fully charged prior to use. Suitability for use and maintenance of the instrument lies solely with the user. Instructions on the proper use and maintenance of the unit are found in the user manual.

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7115 East Bethany Rd.
North Little Rock, AR 72117
isales@northsidesales.com501-945-0905 (Tel)
501-945-3928 (Fax)
800-647-9005 (Toll-Free)northsidesales.com
raegasdetection.com
pelicancasesstore.com
dbifallprotection.com

Inspection Checklist

Barcode: 18E101062**Inspection:** 15132**Completed on:** Tuesday, October 16, 2018**Inspector:** Mike Hollis [1043]**Category:** YSI**SubCategory:** YSI PRO**Worker:** HARBOR ENV NS UNIT 603**Location:** Northside Sales**Floor:** NS Rental Units**Office:** YSI PRO**Activity:** YSI

<u>Item</u>	<u>Result</u>
01. Model	YSI PRO PLUS
02. Serial Number	YSI PRO PLUS 18E101062
03. Calibration Date	DateTime 10/16/2018 14:52:52
04. Technician	Text MIKE HOLLIS
05. pH Probe Lot #	Text 1001 18E
06. ORP Probe Lot #	Text 1002 18E
07. DO Probe Lot #	Text 18E100004
08. Cable Length	Text 4M
09. Cable Lot #	Text 18E101041
10. Cond Probe Lot #	Text 18E101041
11. Battery	Text ALKALINE
12. Conductivity Sensor Calibration	Text PASS
13. Conductivity Sensor Reading	Text 1386
14. Conductivity Buffer Lot #	Text 8GD041
15. pH Point Test	Text 3 POINT
16. pH Calibration (7,10)	Text 7, 10, 4
17. pH Reading (7,10)	Text 6.98 10.07 4.01
18. pH mV (7,10)	Text -5.8mV -176.7mV 158.00mV
20. pH Buffer Solution Lot # (7,10)	Text 8GC117 7GD951 8GCC347

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7115 East Bethany Rd.
North Little Rock, AR 72117
isales@northsidesales.com

501-945-0905 (Tel)
501-945-3928 (Fax)
800-647-9006 (Toll-Free)

northsidesales.com
raegasdetection.com
pelicanastore.com
dbifallprotection.com

Inspection Checklist

Barcode: 18E101062**Inspection:** 15132**Completed on:** Tuesday, October 16, 2018**Inspector:** Mike Hollis [1043]**Location:** Northside Sales**Category:** YSI**Floor:** NS Rental Units**SubCategory:** YSI PRO**Office:** YSI PRO**Worker:** HARBOR ENV NS UNIT 603**Activity:** YSI

<u>Item</u>	<u>Result</u>
21. ORP Calibraiton	Text PASS
22. ORP Reading	Text 226.0
23. ORP Buffer Solution Lot #	Text 8GA520 10-18
24. DO Barometer	Text 760.8mmHg
25. DO Calibration	Text PASS
26. DO Reading	Text 100.5%
27. Altitude	Text 286+/- ABOVE SEA LEVEL
28. DO Test Fluid	Text WATER SATURATED AIR
29. DO 1min Reading	Text .19
30. DO Nitrogen Lot #	Text TLBG-114-3 11-18-2020

Remarks / Comments:



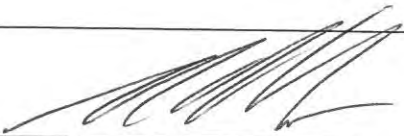
Field Meter Calibration Log

Date:	10/23/18	Time:	0819
Project:	October 2018 Groundwater Sampling Event		
Site Location:	NABORS Landfill		
Personnel:	T. Huetter, D. Fields		
Manufacturer:	YSI		
Model #:	Professional Plus		
Parameter:	Units:	Initial Reading:	Final Reading:
pH:	S.U. 4	3.98	4.00
pH:	S.U. 7	7.01	7.00
pH:	S.U. 10	—	—
Specific Conductance:	mS/cm	1411	1413
Turbidity:	NTU	9.98	10.0
Dissolved Oxygen:	mg/L	—	—
	%	—	—
ORP:	mV	—	—
Comments:			
			10/23/18
Signature			Date

Notes: S.U. – standard units; mS/cm – micro Siemens per centimeter; NTU – nephelometric turbidity units; mg/L – milligrams per liter; % - percent; mV - millivolt



Field Meter Calibration Log

Date:	10/24/18	Time:	0732
Project:	October 2018 Groundwater Sampling Event		
Site Location:	NABORS Landfill		
Personnel:	T. Huetter, D. Fields		
Manufacturer:	YSI		
Model #:	Professional Plus		
Parameter:	Units:	Initial Reading:	Final Reading:
pH:	S.U. 4	3.99	4.00
pH:	S.U. 7	6.98	7.00
pH:	S.U. 10	—	—
Specific Conductance:	mS/cm	1410	1413
Turbidity:	NTU	9.97	10.0
Dissolved Oxygen:	mg/L	—	—
	%	—	—
ORP:	mV	—	—
Comments:			
			10/24/18
Signature			Date

Notes: S.U. – standard units; mS/cm – micro Siemens per centimeter; NTU – nephelometric turbidity units; mg/L – milligrams per liter; % - percent; mV - millivolt



Field Meter Calibration Log

Date:	10/25/18		Time:	0749	
Project:	October 2018 Groundwater Sampling Event				
Site Location:	NABORS Landfill				
Personnel:	T. Huetter, D. Fields				
Manufacturer:	YSI				
Model #:	Professional Plus				
Parameter:	Units:		Initial Reading:	Final Reading:	
pH:	S.U.	4	4.00	4.00	
pH:	S.U.	7	6.99	7.00	
pH:	S.U.	10	—	—	
Specific Conductance:	mS/cm		1416	1413	
Turbidity:	NTU		10.1	10.0	
Dissolved Oxygen:	mg/L		—	—	
	%		—	—	
ORP:	mV		—	—	
Comments:					
				10/25/18	
Signature				Date	

Notes: S.U. – standard units; mS/cm – micro Siemens per centimeter; NTU – nephelometric turbidity units; mg/L – milligrams per liter; % - percent; mV - millivolt



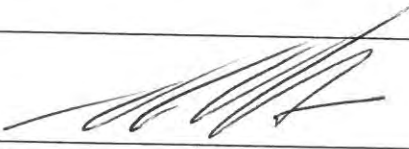
Field Meter Calibration Log

Date:	10/26/18		Time:	0754	
Project:	October 2018 Groundwater Sampling Event				
Site Location:	NABORS Landfill				
Personnel:	T. Huetter, D. Fields				
Manufacturer:	YSI				
Model #:	Professional Plus				
Parameter:	Units:		Initial Reading:	Final Reading:	
pH:	S.U.	4	3.97	4.00	
pH:	S.U.	7	7.01	7.00	
pH:	S.U.	10	—	—	
Specific Conductance:	mS/cm		1412	1413	
Turbidity:	NTU		9.96	10.0	
Dissolved Oxygen:	mg/L		—	—	
	%		—	—	
ORP:	mV		—	—	
Comments:					
				10/26/18	
Signature				Date	

Notes: S.U. – standard units; mS/cm – micro Siemens per centimeter; NTU – nephelometric turbidity units; mg/L – milligrams per liter; % - percent; mV - millivolt



Field Meter Calibration Log

Date:	11/2/18	Time:	1005
Project:	October 2018 Groundwater Sampling Event		
Site Location:	NABORS Landfill		
Personnel:	T. Huetter, D. Fields		
Manufacturer:	YSI		
Model #:	Professional Plus		
Parameter:	Units:	Initial Reading:	Final Reading:
pH:	S.U. 4	4.01	4.00
pH:	S.U. 7	6.98	7.00
pH:	S.U. 10	—	—
Specific Conductance:	mS/cm	1410	1413
Turbidity:	NTU	9.98	10.0
Dissolved Oxygen:	mg/L	—	—
	%	—	—
ORP:	mV	—	—
Comments:			
			11/2/18
Signature			Date

Notes: S.U. – standard units; mS/cm – micro Siemens per centimeter; NTU – nephelometric turbidity units; mg/L – milligrams per liter; % - percent; mV - millivolt



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isales@northsidesales.com

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pelicancasesstore.com
dbifallprotection.com

Date: October 16, 2018

Serial Number: M01EA01442

Brand: RAE SYSTEMS

Model of Instrument: MULTIRAE

Certificate of Calibration

Certificate Number: 14992

User: HARBOR ENVIR.(NS UNIT 86)

F.W. Version: V1.50/1.50

Installed Sensors:

Type: LEL - Lower Explosive Limit (CH4) Alarms- Low: 10% / High: 20% Calibration Level: 50% LEL Methane Serial Number: SC03111265V9 Warranty Expire: 12/05/2020 Raw Value: 34660 Delta Value: 7106	Type: Oxygen (O2) Alarms- Low: 19.5% / High: 23.5% Calibration Level: 18.0% Serial Number: SC03420364U5 Warranty Expire: 07/31/2019 Raw Value: 14018 Delta Value: 1628	Type: Hydrogen Sulfide 10 (H2S) Alarms- Low: 10ppm / High: 20ppm Calibration Level: 10ppm Serial Number: SC03AR0454S8 Warranty Expire: 11/05/2017 Raw Value: 11006 Delta Value: 1098	Type: Carbon Monoxide (CO) Alarms- Low: 35ppm / High: 200ppm Calibration Level: 50ppm Serial Number: SC03060016TC Warranty Expire: 02/26/2019 Raw Value: 11134 Delta Value: 1296	Type: PID HR Lamp 0.1-5000ppm 10.6eV *Alarms- Low: 50ppm / High: 100ppm *Calibration Level: 100ppm Iso. Serial Number: SC03A41255V1 Warranty Expire: 04/25/2019 Raw Value: 54220 Delta Value: 28720

Pump Stall: Yes

Datalog : Auto

Battery: Rechargeable

Battery SN: M0140385RB

Annual Service Due: 10/16/2019 14:08:53

Wireless: N/A

Network/PAN ID: N/A

Unit ID: 86

Single/Multigas: 4Gas-CO:50ppm, H2S:10ppm, 50%LEL-M, O2:18.0%

Single gas: Isobutylene (C4H8) 100ppm

Single gas:

Single gas:

Single gas:

Lot #: THBI-413-18-1

Lot #: TFBI-248-100-1

Lot #:

Lot #:

Lot #:

Expire: 07/10/2019

Expire: 05/30/2022

Expire:

Expire:

Expire:

Technician:

Notes: CALIBRATION AND BUMP TEST PASSED.



User Notice: This instrument was calibrated using gas referenced above and may not give the same readings if checked with a different lot of calibration gas. The instrument may encounter conditions during shipment or transport that may result in minor zero shifts. This could result in the oxygen sensor not reading 20.9% and the toxic or combustible sensor not zero. As this is a safety product, Northside Sales highly recommends that the unit be zeroed prior to its use and the calibration verified. For proper operation, the unit's battery should be fully charged prior to use. Suitability for use and maintenance of the instrument lies solely with the user. Instructions on the proper use and maintenance of the unit are found in the user manual.

Appendix B

Laboratory Analytical Results

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8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

26 October 2018

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205

Project: NABORS Landfill Sample(s)
Project Number: October 2018 - Class IV & TSP-1
SDG Number: 1810282

Enclosed are the results of analyses for samples received by the laboratory on 19-Oct-18 09:10. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	3.0°C

Sincerely,

A handwritten signature in blue ink, appearing to read 'Norma James / Teresa Coins'.

Norma James and/or Teresa Coins
Technical Director and/or QA Officer

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26 October 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018 - Class IV & TSP-1
Date Received: 19-Oct-18 09:10

CASE NARRATIVE

Sample Delivery Group – 1810282

One OR more of the qualifiers described below may appear in this report. Qualifiers in **RED apply to this SDG (Sample Delivery Group).**

ANALYTICAL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
EDL	Result was non-detect at an elevated detection limit due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume.
EX	Result exceeds DAILY MAXIMUM and/or MONTHLY AVERAGE.
EX2	The result exceeds the TCLP limit.
J	At client request, J-Values are reported. J-Values are considered "estimated" results as they are below the limit of quantitation yet above the method detection limit (MDL).
N	Insufficient sample volume received as required by the method.
T40	The ambient temperature exceeded 23 +/- 2°C during the TCLP rotation process.

CALIBRATION QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
CR	Result above highest calibration standard, but within linear calibration range.
Est3	Result at the instrument was above the concentration of the highest standard in the calibration curve.
E2-F	Second Source Verification Failure
E5	Estimated result due to Quality Control failure
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E35	Low Level CCV Failure

QUALITY CONTROL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E20	Sample used as "parent" for the associated analytical batch.
%D3/S-01	Surrogate failed to recover within acceptance criteria (%D3/S-01).
E1	Results associated with this surrogate were qualified as "estimated" (E1).
B	Present in the Associated Blank
B1	Present in Blank, but Not In the Sample.
%D2 / E5	Laboratory Control Spike (LCS) and/or Laboratory Control Spike Duplicate (LCSD) failed to recover with acceptance criteria (%D2). Associated results were qualified as "estimated" (E5).
%D1	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) failed acceptance criteria.
MBA	Failed criteria due the high concentration of analyte in the parent sample.
MBI	Failed criteria due an interference in the parent sample.
%D3	Quality Control Surrogate failed acceptance criteria.
NREC	Quality Control Surrogate failed.

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018 - Class IV & TSP-1
Date Received: 19-Oct-18 09:10

ANALYTICAL RESULTS

Lab Number: 1810282-01
Sample Name: Class IV Draw Spring
Date/Time Collected: 10/18/18 14:48
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	9.24		10/23/18 17:43	B810360	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	29.0		10/24/18 9:54	B810360	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.00560	J	10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0560		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.000966	J	10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Iron	mg/L	0.335		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.335		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/22/18 14:42	B810325	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.004	J	10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.02		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0374		10/24/18 14:50	B810365	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2,4-Trimethylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,3,5-Trimethylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810282-01
Sample Name: Class IV Draw Spring
Date/Time Collected: 10/18/18 14:48
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00	E20	10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00	E-01	10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006

26 October 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810282-01
Sample Name: Class IV Draw Spring
Date/Time Collected: 10/18/18 14:48
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	96.8		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	106		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.9		10/24/18 14:38	B810322	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/22/18 15:33	B810330	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/22/18 10:04	B810331	SM 4500-S2 D-2011
TDS	mg/L	343		10/23/18 15:30	B810352	SM 2540 C-2011
TOC	mg/L	1.60		10/25/18 7:59	B810373	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810282-02
Sample Name: TSP-1 Spring
Date/Time Collected: 10/18/18 15:35
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	7.93		10/23/18 18:03	B810360	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	14.2		10/24/18 10:14	B810360	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.00633	J	10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0932		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00217	J	10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Iron	mg/L	0.163		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0243		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/22/18 14:44	B810325	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.01		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.02		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0440		10/24/18 14:54	B810365	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
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ANALYTICAL RESULTS

Lab Number:		1810282-02					
Sample Name:		TSP-1 Spring					
Date/Time Collected:		10/18/18 15:35					
Sample Matrix:		Water					
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>	
1,3-Dichlorobenzene	ug/L	< 5.00	E2-F	10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
1,3-Dichloropropane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
1,3-Dimethylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
1,4-Dichlorobenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
1,4-Dimethylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
2,2-Dichloropropane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
2-Butanone	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
2-Chloroethyl Vinyl Ether	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
2-Chlorotoluene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
2-Hexanone	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
4-Chlorotoluene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
4-Methyl-2-pentanone	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Acrolein	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Acrylonitrile	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Benzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Bromobenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Bromochloromethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Bromodichloromethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Bromoform	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Bromomethane	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Carbon disulfide	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Carbon Tetrachloride	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Chlorobenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Chlorodibromomethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Chloroethane	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Chloroform	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Chloromethane	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
cis-1,2-Dichloroethene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
cis-1,3-Dichloropropene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Dibromomethane	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Ethylbenzene	ug/L	< 5.00	E-01	10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Hexachlorobutadiene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Isopropylbenzene	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Methylene Chloride	ug/L	< 20.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Naphthalene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
n-Butylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
n-Propylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
p-Isopropyltoluene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
sec-Butylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
Styrene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	
tert-Butylbenzene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006	

26 October 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018 - Class IV & TSP-1
Date Received: 19-Oct-18 09:10

ANALYTICAL RESULTS

Lab Number: 1810282-02
Sample Name: TSP-1 Spring
Date/Time Collected: 10/18/18 15:35
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	94.3		10/24/18 14:10	B810322	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/22/18 15:33	B810330	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/22/18 10:04	B810331	SM 4500-S2 D-2011
TDS	mg/L	367		10/23/18 15:30	B810352	SM 2540 C-2011
TOC	mg/L	3.06		10/25/18 7:59	B810373	SM 5310 B-2011

Tom Huetter

Harbor Environmental & Safety

5800 Evergreen Dr.

Little Rock, AR 72205

Project: NABORS Landfill Sample(s)

Project Number: October 2018 - Class IV & TSP-1

Date Received: 19-Oct-18 09:10

ANALYTICAL RESULTS

Lab Number: 1810282-03
Sample Name: Trip Blank
Date/Time Collected: 10/19/18 9:10
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810282-03
 Sample Name: Trip Blank
 Date/Time Collected: 10/19/18 9:10
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloroform	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00	E-01	10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	106		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	107		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		10/24/18 13:42	B810322	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
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Date Received: 19-Oct-18 09:10

QUALITY CONTROL RESULTS**Volatiles -- Batch: B810322 (Water)**

Prepared: 24-Oct-18 09:20 By: CT -- Analyzed: 24-Oct-18 16:27 By: ct

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<5.00 ug/L	100%	/ NA	107%	/ 92.0%		15.1%	
1,1,1-Trichloroethane	<5.00 ug/L	98.7%	/ NA	109%	/ 106%		2.52%	
1,1,2,2-Tetrachloroethane	<5.00 ug/L	118%	/ NA	113%	/ 127%		11.7%	
1,1,2-Trichloroethane	<5.00 ug/L	103%	/ NA	99.9%	/ 104%		3.65%	
1,1-Dichloroethane	<5.00 ug/L	100%	/ NA	108%	/ 102%		5.66%	
1,1-Dichloroethene	<5.00 ug/L	106%	/ NA	110%	/ 107%		3.09%	
1,1-Dichloropropene	<5.00 ug/L	102%	/ NA	110%	/ 99.7%		10.2%	
1,2,3-Trichlorobenzene	<5.00 ug/L	110%	/ NA	102%	/ 111%		8.61%	
1,2,3-Trichloropropane	<5.00 ug/L	106%	/ NA	103%	/ 108%		4.70%	
1,2,4-Trimethylbenzene	<5.00 ug/L	103%	/ NA	106%	/ 110%		3.75%	
1,2,4-Trichlorobenzene	<5.00 ug/L	109%	/ NA	104%	/ 114%		9.67%	
1,2-Dibromo-3-chloropropane	<5.00 ug/L	102%	/ NA	103%	/ 107%		3.62%	
1,2-Dibromoethane	<5.00 ug/L	100%	/ NA	101%	/ 96.5%		4.92%	
1,2-Dichlorobenzene	<5.00 ug/L	110%	/ NA	106%	/ 112%		5.55%	
1,2-Dichloroethane	<5.00 ug/L	101%	/ NA	106%	/ 103%		3.36%	
1,2-Dichloropropane	<5.00 ug/L	95.4%	/ NA	97.0%	/ 97.8%		0.842%	
1,2-Dimethylbenzene	<5.00 ug/L	98.0%	/ NA	104%	/ 99.6%		4.71%	
1,3,5-Trimethylbenzene	<5.00 ug/L	106%	/ NA	106%	/ 114%		7.36%	
1,3-Dichlorobenzene	<5.00 ug/L	105%	/ NA	109%	/ 116%		5.87%	
1,3-Dichloropropane	<5.00 ug/L	104%	/ NA	107%	/ 105%		1.63%	
1,3-Dimethylbenzene	<5.00 ug/L	105%	/ NA	107%	/ 102%		5.30%	
1,4-Dichlorobenzene	<5.00 ug/L	108%	/ NA	109%	/ 122%		11.7%	%D1
1,4-Dimethylbenzene	<5.00 ug/L	105%	/ NA	107%	/ 102%		5.30%	
2,2-Dichloropropane	<5.00 ug/L	104%	/ NA	129%	/ 118%		9.32%	
2-Butanone	<50.0 ug/L	115%	/ NA	121%	/ 115%		4.62%	
2-Chloroethyl Vinyl Ether	<50.0 ug/L	98.0%	/ NA	105%	/ 104%		1.32%	E2-F
2-Chlorotoluene	<5.00 ug/L	108%	/ NA	111%	/ 118%		6.22%	
2-Hexanone	<50.0 ug/L	116%	/ NA	113%	/ 105%		7.73%	
4-Chlorotoluene	<5.00 ug/L	105%	/ NA	109%	/ 118%		8.51%	
4-Methyl-2-pentanone	<50.0 ug/L	121%	/ NA	115%	/ 115%		0.131%	
Acrolein	<50.0 ug/L	96.5%	/ NA	101%	/ 99.9%		1.11%	
Acrylonitrile	<50.0 ug/L	105%	/ NA	116%	/ 106%		8.60%	
Benzene	<5.00 ug/L	114%	/ NA	114%	/ 112%		1.26%	
Bromobenzene	<5.00 ug/L	106%	/ NA	102%	/ 110%		8.06%	
Bromochloromethane	<5.00 ug/L	100%	/ NA	104%	/ 99.1%		4.98%	
Bromodichloromethane	<5.00 ug/L	103%	/ NA	104%	/ 108%		3.74%	
Bromoform	<5.00 ug/L	103%	/ NA	105%	/ 105%		0.215%	
Bromomethane	<50.0 ug/L	89.0%	/ NA	102%	/ 99.8%		2.65%	
Carbon disulfide	<50.0 ug/L	102%	/ NA	114%	/ 107%		6.43%	
Carbon Tetrachloride	<5.00 ug/L	107%	/ NA	121%	/ 114%		5.77%	
Chlorobenzene	<5.00 ug/L	99.4%	/ NA	103%	/ 103%		0.432%	
Chlorodibromomethane	<5.00 ug/L	95.6%	/ NA	103%	/ 94.2%		9.39%	
Chloroethane	<50.0 ug/L	100%	/ NA	114%	/ 103%		10.7%	
Chloroform	<5.00 ug/L	96.4%	/ NA	101%	/ 98.3%		3.13%	
Chloromethane	<50.0 ug/L	92.1%	/ NA	98.0%	/ 94.0%		4.21%	
cis-1,2-Dichloroethene	<5.00 ug/L	107%	/ NA	112%	/ 110%		2.49%	
cis-1,3-Dichloropropene	<5.00 ug/L	98.6%	/ NA	98.4%	/ 98.1%		0.315%	
Dibromomethane	<5.00 ug/L	93.6%	/ NA	95.1%	/ 91.8%		3.59%	

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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QUALITY CONTROL RESULTS**Volatiles -- Batch: B810322 (Water)**

Prepared: 24-Oct-18 09:20 By: CT -- Analyzed: 24-Oct-18 16:27 By: ct

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Dichlorodifluoromethane	<50.0 ug/L	103% / NA	113% / 106%		7.18%	E2-F
Ethylbenzene	<5.00 ug/L	103% / NA	112% / 100%		11.3%	
Hexachlorobutadiene	<5.00 ug/L	118% / NA	117% / 123%		4.41%	E-01
Isopropylbenzene	<50.0 ug/L	104% / NA	103% / 102%		0.866%	
Methylene Chloride	<20.0 ug/L	90.8% / NA	98.0% / 91.1%		7.27%	
Methyl-tert-Butyl Ether	<5.00 ug/L	104% / NA	114% / 104%		8.79%	
Naphthalene	<5.00 ug/L	109% / NA	108% / 115%		6.70%	
n-Butylbenzene	<5.00 ug/L	115% / NA	110% / 120%		9.32%	
n-Propylbenzene	<5.00 ug/L	107% / NA	112% / 116%		3.01%	
p-Isopropyltoluene	<5.00 ug/L	110% / NA	104% / 114%		9.14%	
sec-Butylbenzene	<5.00 ug/L	104% / NA	107% / 111%		3.64%	
Styrene	<5.00 ug/L	101% / NA	107% / 102%		5.57%	
tert-Butylbenzene	<5.00 ug/L	104% / NA	106% / 111%		4.23%	
Tetrachloroethene	<5.00 ug/L	101% / NA	107% / 106%		0.343%	
Toluene	<5.00 ug/L	97.2% / NA	102% / 102%		0.397%	
trans-1,2-Dichloroethene	<5.00 ug/L	106% / NA	113% / 109%		4.20%	
trans-1,3-Dichloropropene	<5.00 ug/L	105% / NA	104% / 98.0%		5.53%	
Trichloroethene	<5.00 ug/L	90.1% / NA	97.6% / 104%		5.93%	
Trichlorofluoromethane	<50.0 ug/L	110% / NA	121% / 117%		3.35%	
Vinyl chloride	<2.00 ug/L	101% / NA	111% / 101%		9.41%	
1,2-Dichloroethane-d4 [surr]	111 %	106% / NA	110% / 105%		NA	
4-Bromofluorobenzene [surr]	95.5 %	104% / NA	99.3% / 104%		NA	
Toluene-d8 [surr]	98.7 %	105% / NA	103% / 98.2%		NA	

Total Metals -- Batch: B810325 (Water)

Prepared: 22-Oct-18 09:32 By: SP -- Analyzed: 22-Oct-18 14:40 By: SP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.000200 mg/L	97.1% / NA	94.3% / 91.4%		3.08%	

Wet Chemistry -- Batch: B810330 (Water)

Prepared: 22-Oct-18 10:00 By: EP -- Analyzed: 22-Oct-18 15:33 By: EP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.010 mg/L	100% / NA	101% / 100%		0.995%	

Wet Chemistry -- Batch: B810331 (Water)

Prepared: 22-Oct-18 10:04 By: EP -- Analyzed: 22-Oct-18 10:04 By: EP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfide	<0.100 mg/L	100% / NA	92.5% / 95.0%		2.67%	

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
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QUALITY CONTROL RESULTS**Wet Chemistry -- Batch: B810352 (Water)**

Prepared: 23-Oct-18 15:30 By: HF -- Analyzed: 23-Oct-18 15:30 By: HF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TDS	<5.00 mg/L	105% / 91.3%	NA / NA		13.9%	

Anions -- Batch: B810360 (Water)

Prepared: 23-Oct-18 13:32 By: MB -- Analyzed: 23-Oct-18 19:45 By: MB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chloride	<0.500 mg/L	90.7% / NA	95.0% / 94.2%		0.756%	
Sulfate as SO4	<0.500 mg/L	98.7% / NA	99.4% / 97.6%		0.929%	

Total Metals -- Batch: B810365 (Water)

Prepared: 24-Oct-18 08:00 By: ST -- Analyzed: 24-Oct-18 15:13 By: ST

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Antimony	<0.036 mg/L	106% / NA	107% / 110%		2.58%	
Arsenic	<0.0235 mg/L	100% / NA	104% / 105%		1.16%	
Barium	<0.00728 mg/L	111% / NA	106% / 109%		2.15%	
Beryllium	<0.000624 mg/L	103% / NA	105% / 107%		2.05%	
Cadmium	<0.00120 mg/L	106% / NA	107% / 108%		1.18%	
Chromium	<0.0125 mg/L	106% / NA	105% / 107%		1.82%	
Cobalt	<0.0135 mg/L	106% / NA	101% / 103%		1.71%	
Copper	<0.005 mg/L	104% / NA	98.5% / 100%		2.00%	
Iron	<0.125 mg/L	106% / NA	103% / 106%		1.97%	
Lead	<0.0156 mg/L	109% / NA	104% / 105%		1.09%	
Manganese	<0.0104 mg/L	103% / NA	98.9% / 101%		1.85%	
Nickel	<0.01 mg/L	107% / NA	102% / 103%		1.54%	
Selenium	<0.0520 mg/L	99.3% / NA	105% / 106%		0.303%	
Silver	<0.0208 mg/L	104% / NA	102% / 104%		2.46%	
Thallium	<0.073 mg/L	102% / NA	97.1% / 98.9%		1.89%	
Tin	<0.728 mg/L	101% / NA	103% / 104%		1.29%	J
Vanadium	<0.02 mg/L	101% / NA	103% / 105%		1.86%	
Zinc	<0.0156 mg/L	104% / NA	103% / 104%		1.07%	

Wet Chemistry -- Batch: B810373 (Water)

Prepared: 24-Oct-18 12:30 By: SP -- Analyzed: 25-Oct-18 07:59 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TOC	<1.00 mg/L	97.0% / NA	88.0% / 88.5%		0.432%	

26 October 2018



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QUALIFIER(S)

*%D1: Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*E-01: Estimated Result; This Analyte Failed "High" in the CCV; If the sample is non-detect for this analyte, the CCV demonstrated the analyte would have been detected were it present.
*E20: Estimated Result Due to Matrix Spike and/or Matrix Spike Duplicate Failure; This sample was used as the "parent sample" in MS/MSD prep.
*E2-F: Second Source Verification Failure
*J: Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

All Analysis performed according to EPA approved methodology when available :
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: 
Norma James and/or Teresa Coins
Technical Director and/or QA Officer

CHAIN OF CUSTODY RECORD

[illegible]



8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

06 November 2018

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205

Project: NABORS Landfill Sample(s)
Project Number: October 2018
SDG Number: 1810364

Enclosed are the results of analyses for samples received by the laboratory on 25-Oct-18 12:40. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	3.0°C

Sincerely,

A handwritten signature in blue ink, appearing to read "Norma James / Teresa Coins".

Norma James and/or Teresa Coins
Technical Director and/or QA Officer

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06 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 25-Oct-18 12:40

CASE NARRATIVE

Sample Delivery Group – 1810364

One OR more of the qualifiers described below may appear in this report. Qualifiers in RED apply to this SDG (Sample Delivery Group).

ANALYTICAL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
EDL	Result was non-detect at an elevated detection limit due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume.
EX	Result exceeds DAILY MAXIMUM and/or MONTHLY AVERAGE.
EX2	The result exceeds the TCLP limit.
J	At client request, J-Values are reported. J-Values are considered "estimated" results as they are below the limit of quantitation yet above the method detection limit (MDL).
N	Insufficient sample volume received as required by the method.
T40	The ambient temperature exceeded 23 +/- 2°C during the TCLP rotation process.

CALIBRATION QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
CR	Result above highest calibration standard, but within linear calibration range.
Est3	Result at the instrument was above the concentration of the highest standard in the calibration curve.
E2-F	Second Source Verification Failure
E5	Estimated result due to Quality Control failure
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E35	Low Level CCV Failure

Tom Huetter
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Project Number: October 2018
Date Received: 25-Oct-18 12:40

ANALYTICAL RESULTS

Lab Number: 1810364-01
Sample Name: NE-6
Date/Time Collected: 10/22/18 13:04
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.83		10/26/18 9:59	B810392	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	20.3		10/26/18 12:47	B810392	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0343		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00362	J	10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.246		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0122		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.009	J	10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.336		10/29/18 16:18	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 25-Oct-18 12:40

ANALYTICAL RESULTS

Lab Number: 1810364-01
Sample Name: NE-6
Date/Time Collected: 10/22/18 13:04
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
 Project: NABORS Landfill Sample(s)
 Project Number: October 2018
 Date Received: 25-Oct-18 12:40

ANALYTICAL RESULTS

Lab Number: 1810364-01
 Sample Name: NE-6
 Date/Time Collected: 10/22/18 13:04
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	106		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	103		10/26/18 11:23	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	384		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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Project Number: October 2018
Date Received: 25-Oct-18 12:40

ANALYTICAL RESULTS

Lab Number: 1810364-02
Sample Name: NE-3
Date/Time Collected: 10/22/18 14:57
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	2.90		10/26/18 10:19	B810392	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	26.2		10/26/18 13:07	B810392	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.131		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00183	J	10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.122	J	10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0721		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.006	J	10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0493		10/29/18 16:22	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-02
Sample Name: NE-3
Date/Time Collected: 10/22/18 14:57
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	0.278	J	10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-02
Sample Name: NE-3
Date/Time Collected: 10/22/18 14:57
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	0.423	J	10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	96.5		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	107		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.4		10/26/18 11:51	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	352		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	1.24		10/30/18 10:36	B810447	SM 5310 B-2011

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ANALYTICAL RESULTS

Lab Number: 1810364-03
Sample Name: NE-3 Spring
Date/Time Collected: 10/22/18 15:20
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.78		10/26/18 10:40	B810392	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	5.61		10/26/18 10:40	B810392	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0288		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.171		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00683	J	10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0219		10/29/18 16:26	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-03
Sample Name: NE-3 Spring
Date/Time Collected: 10/22/18 15:20
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006



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ANALYTICAL RESULTS

Lab Number: 1810364-03
 Sample Name: NE-3 Spring
 Date/Time Collected: 10/22/18 15:20
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	107		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		10/26/18 12:19	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	199		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	1.89		10/30/18 10:36	B810447	SM 5310 B-2011

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ANALYTICAL RESULTS

Lab Number: 1810364-04
Sample Name: NAB-3
Date/Time Collected: 10/22/18 16:09
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	11.6		10/26/18 11:00	B810392	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	11.9		10/26/18 11:00	B810392	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0545		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.000691	J	10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	0.001	J	10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.184		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0292		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.003	J	10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0887		10/29/18 16:29	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trimethylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,3,5-Trimethylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-04
Sample Name: NAB-3
Date/Time Collected: 10/22/18 16:09
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	0.295	J	10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-04
 Sample Name: NAB-3
 Date/Time Collected: 10/22/18 16:09
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	0.432	J	10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	106		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		10/26/18 12:48	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	425		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	1.89		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-05
Sample Name: MW-577
Date/Time Collected: 10/22/18 17:12
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.99		10/26/18 11:21	B810392	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	24.3		10/26/18 13:28	B810392	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0252		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	0.001	J	10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.288		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00725	J	10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	< 0.0156		10/29/18 16:33	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-05
Sample Name: MW-577
Date/Time Collected: 10/22/18 17:12
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	0.388	J	10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	0.606	J	10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006



Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
 Project: NABORS Landfill Sample(s)
 Project Number: October 2018
 Date Received: 25-Oct-18 12:40

ANALYTICAL RESULTS

Lab Number: 1810364-05
 Sample Name: MW-577
 Date/Time Collected: 10/22/18 17:12
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	101		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.0		10/26/18 13:16	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	0.421		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	403		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-06
Sample Name: EB-1 -- Equipment Blank
Date/Time Collected: 10/22/18 17:55
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	< 0.500		10/26/18 12:26	B810392	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	< 0.500		10/26/18 12:26	B810392	EPA 300.0, 2.1-1993

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	< 0.00728		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	< 0.125		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	< 0.0156		10/29/18 16:37	B810456	SW 6010C Rev 3 (2007)

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-06
Sample Name: EB-1 -- Equipment Blank
Date/Time Collected: 10/22/18 17:55
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006



Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
 Project: NABORS Landfill Sample(s)
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ANALYTICAL RESULTS

Lab Number: 1810364-06
Sample Name: EB-1 -- Equipment Blank
Date/Time Collected: 10/22/18 17:55
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	96.4		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.9		10/26/18 10:55	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	< 5.00		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
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ANALYTICAL RESULTS

Lab Number: 1810364-07
Sample Name: TB-1 -- Trip Blank
Date/Time Collected: 10/25/18 12:40
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-07
 Sample Name: TB-1 -- Trip Blank
 Date/Time Collected: 10/25/18 12:40
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloroform	ug/L	< 5.00	E2-F	10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	95.6		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	107		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.1		10/26/18 10:27	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-08
Sample Name: MW-5
Date/Time Collected: 10/24/18 9:05
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	4.91		10/29/18 11:26	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	9.01		10/29/18 11:26	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0380		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00267	J	10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.127		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.005	J	10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0285		10/29/18 16:41	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-08
 Sample Name: MW-5
 Date/Time Collected: 10/24/18 9:05
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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 5800 Evergreen Dr.
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ANALYTICAL RESULTS

Lab Number: 1810364-08
 Sample Name: MW-5
 Date/Time Collected: 10/24/18 9:05
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	102		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	103		10/26/18 14:12	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	443		10/30/18 11:00	B810448	SM 2540 C-2011
TOC	mg/L	1.01		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-09
Sample Name: MW-4
Date/Time Collected: 10/24/18 13:22
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	6.45		10/29/18 11:46	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	17.8		10/29/18 11:46	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0427		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.000961	J	10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00190	J	10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.160		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.003	J	10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.100		10/30/18 7:48	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
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ANALYTICAL RESULTS

Lab Number: 1810364-09
Sample Name: MW-4
Date/Time Collected: 10/24/18 13:22
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006



Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-09
 Sample Name: MW-4
 Date/Time Collected: 10/24/18 13:22
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	93.1		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	105		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	95.7		10/26/18 14:40	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	396		10/31/18 11:30	B810474	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

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ANALYTICAL RESULTS

Lab Number: 1810364-10
Sample Name: EB-3 -- Equipment Blank
Date/Time Collected: 10/24/18 15:35
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	< 0.500		10/29/18 12:06	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	< 0.500		10/29/18 12:06	B810451	EPA 300.0, 2.1-1993

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	< 0.00728		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	< 0.125		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	< 0.0156		10/29/18 17:00	B810456	SW 6010C Rev 3 (2007)

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-10
Sample Name: EB-3 -- Equipment Blank
Date/Time Collected: 10/24/18 15:35
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-10
 Sample Name: EB-3 -- Equipment Blank
 Date/Time Collected: 10/24/18 15:35
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	0.237	J	10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	93.0		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.4		10/26/18 22:17	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	< 5.00		10/31/18 11:30	B810474	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
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ANALYTICAL RESULTS

Lab Number: 1810364-11
Sample Name: MW-6
Date/Time Collected: 10/23/18 9:45
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	30.5		10/29/18 12:39	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	8.58		10/29/18 12:39	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0526		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.000437	J	10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00273	J	10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	0.001	J	10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.163		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.000450		10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.004	J	10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0462		10/29/18 17:04	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trimethylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,3,5-Trimethylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-11
Sample Name: MW-6
Date/Time Collected: 10/23/18 9:45
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-11
Sample Name: MW-6
Date/Time Collected: 10/23/18 9:45
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	94.6		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	110		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.5		10/26/18 15:08	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	470		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	1.58		10/30/18 10:36	B810447	SM 5310 B-2011

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5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-12
Sample Name: SP-7 -- Spring
Date/Time Collected: 10/23/18 10:22
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	3.02		10/29/18 13:00	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	5.37		10/29/18 13:00	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0427		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	1.27		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.536		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.00759	J	10/29/18 17:08	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-12
Sample Name: SP-7 -- Spring
Date/Time Collected: 10/23/18 10:22
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006



Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-12
Sample Name: SP-7 -- Spring
Date/Time Collected: 10/23/18 10:22
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	104		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	95.0		10/26/18 15:36	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	144		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	2.57		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: **1810364-13**
Sample Name: **LE SEEP -- Landfill Entrance Seep**
Date/Time Collected: **10/23/18 10:59**
Sample Matrix: **Water**

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	6.66		10/29/18 13:20	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	5.82		10/29/18 13:20	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.00766	J	10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.101		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	0.00823	J	10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	3.56		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	1.92		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.004	J	10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	< 0.0156		10/29/18 17:12	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	0.880	J	10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
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ANALYTICAL RESULTS

Lab Number: 1810364-13
Sample Name: LE SEEP -- Landfill Entrance Seep
Date/Time Collected: 10/23/18 10:59
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	2.20	J	10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	0.341	J	10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	1.11	J	10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006



Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-13
Sample Name: LE SEEP -- Landfill Entrance Seep
Date/Time Collected: 10/23/18 10:59
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.2		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	107		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		10/26/18 22:45	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	288		10/26/18 14:30	B810387	SM 2540 C-2011
TOC	mg/L	2.73		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-14
Sample Name: MW-7
Date/Time Collected: 10/23/18 12:57
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.30		10/29/18 13:40	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	12.2		10/29/18 13:40	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0384		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00248	J	10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.0943	J	10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0196		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.00629	J	10/29/18 17:15	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-14
Sample Name: MW-7
Date/Time Collected: 10/23/18 12:57
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-14
 Sample Name: MW-7
 Date/Time Collected: 10/23/18 12:57
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	93.8		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	106		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.5		10/26/18 23:13	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	328		10/30/18 11:00	B810448	SM 2540 C-2011
TOC	mg/L	1.04		10/30/18 10:36	B810447	SM 5310 B-2011

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ANALYTICAL RESULTS

Lab Number: 1810364-15
Sample Name: Spring A
Date/Time Collected: 10/23/18 13:35
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.10		10/29/18 14:01	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	6.33		10/29/18 14:01	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0384		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.143		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0192		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0332		10/29/18 17:19	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
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5800 Evergreen Dr.
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ANALYTICAL RESULTS

Lab Number:		1810364-15					
Sample Name:		Spring A					
Date/Time Collected:		10/23/18 13:35					
Sample Matrix:		Water					
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>	
1,3-Dichloropropane	ug/L	< 5.00	E2-F	10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
2-Butanone	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
2-Chloroethyl Vinyl Ether	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
2-Chlorotoluene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
2-Hexanone	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
4-Chlorotoluene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Acrolein	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Acrylonitrile	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Benzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Bromobenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Bromochloromethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Bromodichloromethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Bromoform	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Bromomethane	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Carbon disulfide	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Chlorobenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Chlorodibromomethane	ug/L	< 5.00	E2-F	10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Chloroethane	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Chloroform	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Chloromethane	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Dibromomethane	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Dichlorodifluoromethane	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Ethylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Isopropylbenzene	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Methylene Chloride	ug/L	< 20.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Naphthalene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
n-Butylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
n-Propylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
sec-Butylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Styrene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
tert-Butylbenzene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	
Tetrachloroethene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006	

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-15
Sample Name: Spring A
Date/Time Collected: 10/23/18 13:35
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	92.7		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	95.8		10/26/18 23:41	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	283		10/30/18 11:00	B810448	SM 2540 C-2011
TOC	mg/L	1.92		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-16
Sample Name: MW-689D
Date/Time Collected: 10/23/18 15:16
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.67		10/29/18 14:21	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	13.2		10/29/18 14:21	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0311		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00233	J	10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.321		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0241		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.003	J	10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.00534	J	10/29/18 17:23	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 25-Oct-18 12:40

ANALYTICAL RESULTS

Lab Number: 1810364-16
Sample Name: MW-689D
Date/Time Collected: 10/23/18 15:16
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006



Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-16
Sample Name: MW-689D
Date/Time Collected: 10/23/18 15:16
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.2		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	105		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		10/27/18 0:10	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	400		10/30/18 11:00	B810448	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810364-17
Sample Name: MW-633D
Date/Time Collected: 10/23/18 16:25
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	15.8		10/29/18 14:42	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	11.6		10/29/18 14:42	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0477		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.00175		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	0.001	J	10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.126		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.000100	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.330		10/29/18 17:27	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	1.45	J	10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
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ANALYTICAL RESULTS

Lab Number: 1810364-17
Sample Name: MW-633D
Date/Time Collected: 10/23/18 16:25
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	0.599	J	10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	0.393	J	10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	1.20	J	10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-17
Sample Name: MW-633D
Date/Time Collected: 10/23/18 16:25
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	93.6		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	104		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	96.6		10/27/18 0:38	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	427		10/30/18 11:00	B810448	SM 2540 C-2011
TOC	mg/L	1.19		10/30/18 10:36	B810447	SM 5310 B-2011

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Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-18
Sample Name: EB-2 -- Equipment Blank
Date/Time Collected: 10/23/18 17:09
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	< 0.500		10/30/18 7:59	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	< 0.500		10/30/18 7:59	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0405		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	< 0.125		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	< 0.0156		10/29/18 17:31	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
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ANALYTICAL RESULTS

Lab Number: 1810364-18
Sample Name: EB-2 -- Equipment Blank
Date/Time Collected: 10/23/18 17:09
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006

06 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 25-Oct-18 12:40

ANALYTICAL RESULTS

Lab Number: 1810364-18
Sample Name: EB-2 -- Equipment Blank
Date/Time Collected: 10/23/18 17:09
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	0.249	J	10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	107		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	106		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.8		10/27/18 1:06	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	< 5.00		10/30/18 11:00	B810448	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-19
Sample Name: TB-2 -- Trip Blank
Date/Time Collected: 10/23/18 12:40
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-19
Sample Name: TB-2 -- Trip Blank
Date/Time Collected: 10/23/18 12:40
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloroform	ug/L	< 5.00	E2-F	10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	97.2		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.5		10/26/18 21:49	B810399	SW 8260C, Rev 3, 2006

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Harbor Environmental & Safety
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-20
Sample Name: MW-7D
Date/Time Collected: 10/23/18 12:57
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.29		10/29/18 16:03	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	12.1		10/29/18 16:03	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0386		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00232	J	10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Iron	mg/L	0.0936	J	10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0240		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.0000250	J	10/29/18 16:33	B810453	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.00559	J	10/29/18 17:50	B810456	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810364-20
Sample Name: MW-7D
Date/Time Collected: 10/23/18 12:57
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00	E2-F	10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00	E2-F	10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810364-20
Sample Name: MW-7D
Date/Time Collected: 10/23/18 12:57
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	97.9		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	104		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		10/27/18 1:34	B810399	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/26/18 10:20	B810445	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/26/18 10:20	B810415	SM 4500-S2 D-2011
TDS	mg/L	351		10/30/18 11:00	B810448	SM 2540 C-2011
TOC	mg/L	< 1.00		10/30/18 10:36	B810447	SM 5310 B-2011

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QUALITY CONTROL RESULTS**Wet Chemistry -- Batch: B810387 (Water)**

Prepared: 26-Oct-18 14:30 By: HF -- Analyzed: 26-Oct-18 14:30 By: HF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TDS	<5.00 mg/L	97.9% / 100%	NA / NA		2.51%	

Anions -- Batch: B810392 (Water)

Prepared: 25-Oct-18 15:27 By: MB -- Analyzed: 26-Oct-18 08:17 By: MB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chloride	<0.500 mg/L	94.0% / NA	110% / 104%		1.11%	
Sulfate as SO4	<0.500 mg/L	98.4% / NA	99.2% / 97.3%		0.953%	

Volatiles -- Batch: B810399 (Water)

Prepared: 26-Oct-18 07:10 By: CT -- Analyzed: 26-Oct-18 20:25 By: ct

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	<5.00 ug/L	104% / NA	104% / 91.5%		13.1%	
1,1,1-Trichloroethane	<5.00 ug/L	105% / NA	103% / 100%		2.72%	
1,1,2,2-Tetrachloroethane	<5.00 ug/L	104% / NA	109% / 113%		3.50%	
1,1,2-Trichloroethane	<5.00 ug/L	100% / NA	99.0% / 96.5%		2.55%	
1,1-Dichloroethane	<5.00 ug/L	96.1% / NA	102% / 96.5%		5.84%	
1,1-Dichloroethene	<5.00 ug/L	104% / NA	101% / 104%		3.10%	
1,1-Dichloropropene	<5.00 ug/L	109% / NA	104% / 101%		2.82%	
1,2,3-Trichlorobenzene	<5.00 ug/L	101% / NA	100% / 96.2%		4.22%	
1,2,3-Trichloropropane	<5.00 ug/L	106% / NA	101% / 97.4%		3.91%	
1,2,4-Trimethylbenzene	<5.00 ug/L	103% / NA	106% / 103%		3.72%	
1,2,4-Trichlorobenzene	<5.00 ug/L	100% / NA	103% / 104%		0.623%	
1,2-Dibromo-3-chloropropane	<5.00 ug/L	101% / NA	105% / 99.4%		5.32%	
1,2-Dibromoethane	<5.00 ug/L	99.9% / NA	101% / 92.7%		8.54%	
1,2-Dichlorobenzene	<5.00 ug/L	99.7% / NA	100% / 101%		0.647%	
1,2-Dichloroethane	<5.00 ug/L	104% / NA	99.4% / 99.0%		0.398%	
1,2-Dichloropropane	<5.00 ug/L	97.8% / NA	97.3% / 94.9%		2.51%	
1,2-Dimethylbenzene	<5.00 ug/L	100% / NA	102% / 98.5%		3.53%	
1,3,5-Trimethylbenzene	<5.00 ug/L	108% / NA	104% / 102%		1.56%	
1,3-Dichlorobenzene	<5.00 ug/L	109% / NA	106% / 103%		2.91%	
1,3-Dichloropropane	<5.00 ug/L	102% / NA	99.1% / 99.1%		0.0303%	
1,3-Dimethylbenzene	<5.00 ug/L	102% / NA	103% / 97.5%		5.59%	
1,4-Dichlorobenzene	<5.00 ug/L	103% / NA	99.4% / 98.8%		0.616%	
1,4-Dimethylbenzene	<5.00 ug/L	102% / NA	103% / 97.5%		5.58%	
2,2-Dichloropropane	<5.00 ug/L	119% / NA	111% / 100%		10.3%	
2-Butanone	<50.0 ug/L	122% / NA	108% / 99.8%		7.85%	
2-Chloroethyl Vinyl Ether	<50.0 ug/L	99.7% / NA	97.8% / 90.4%		7.83%	E2-F
2-Chlorotoluene	<5.00 ug/L	106% / NA	108% / 103%		5.11%	
2-Hexanone	<50.0 ug/L	107% / NA	101% / 97.0%		3.73%	
4-Chlorotoluene	<5.00 ug/L	104% / NA	104% / 97.8%		5.66%	
4-Methyl-2-pentanone	<50.0 ug/L	107% / NA	109% / 97.2%		11.5%	
Acrolein	<50.0 ug/L	96.1% / NA	82.9% / 86.0%		3.68%	
Acrylonitrile	<50.0 ug/L	106% / NA	110% / 107%		2.80%	
Benzene	<5.00 ug/L	99.0% / NA	97.7% / 103%		5.56%	
Bromobenzene	<5.00 ug/L	96.3% / NA	96.6% / 100%		3.61%	

Tom Huetter
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QUALITY CONTROL RESULTS
Volatiles -- Batch: B810399 (Water)
Prepared: 26-Oct-18 07:10 By: CT -- Analyzed: 26-Oct-18 20:25 By: ct

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Bromochloromethane	<5.00 ug/L	103% / NA	101% / 99.2%		2.18%	
Bromodichloromethane	<5.00 ug/L	102% / NA	98.8% / 97.5%		1.38%	
Bromoform	<5.00 ug/L	102% / NA	98.5% / 91.9%		6.88%	
Bromomethane	<50.0 ug/L	95.3% / NA	99.4% / 91.3%		8.57%	
Carbon disulfide	<50.0 ug/L	101% / NA	98.3% / 101%		2.35%	
Carbon Tetrachloride	<5.00 ug/L	113% / NA	112% / 105%		6.38%	
Chlorobenzene	<5.00 ug/L	104% / NA	96.0% / 95.7%		0.261%	
Chlorodibromomethane	<5.00 ug/L	102% / NA	97.9% / 92.1%		6.05%	
Chloroethane	<50.0 ug/L	105% / NA	105% / 100%		4.40%	
Chloroform	<5.00 ug/L	97.3% / NA	94.6% / 94.2%		0.456%	
Chloromethane	<50.0 ug/L	99.5% / NA	91.1% / 87.0%		4.64%	
cis-1,2-Dichloroethene	<5.00 ug/L	107% / NA	105% / 107%		1.79%	
cis-1,3-Dichloropropene	<5.00 ug/L	102% / NA	96.2% / 91.4%		5.07%	
Dibromomethane	<5.00 ug/L	95.7% / NA	96.7% / 93.8%		3.01%	
Dichlorodifluoromethane	<50.0 ug/L	103% / NA	100% / 95.9%		4.20%	E2-F
Ethylbenzene	<5.00 ug/L	103% / NA	103% / 95.5%		8.00%	
Hexachlorobutadiene	<5.00 ug/L	109% / NA	115% / 102%		12.1%	
Isopropylbenzene	<50.0 ug/L	103% / NA	101% / 95.4%		6.03%	
Methylene Chloride	<20.0 ug/L	93.8% / NA	93.0% / 90.8%		2.43%	
Methyl-tert-Butyl Ether	<5.00 ug/L	105% / NA	109% / 98.0%		10.6%	
Naphthalene	<5.00 ug/L	104% / NA	101% / 104%		3.60%	
n-Butylbenzene	<5.00 ug/L	110% / NA	111% / 106%		5.12%	
n-Propylbenzene	<5.00 ug/L	111% / NA	111% / 106%		4.25%	
p-Isopropyltoluene	<5.00 ug/L	106% / NA	107% / 97.3%		9.30%	
sec-Butylbenzene	<5.00 ug/L	104% / NA	104% / 98.2%		5.65%	
Styrene	<5.00 ug/L	102% / NA	103% / 98.4%		4.31%	
tert-Butylbenzene	<5.00 ug/L	107% / NA	99.5% / 98.3%		1.22%	
Tetrachloroethene	<5.00 ug/L	104% / NA	104% / 98.6%		5.53%	
Toluene	<5.00 ug/L	96.5% / NA	99.1% / 91.0%		8.56%	
trans-1,2-Dichloroethene	<5.00 ug/L	107% / NA	100% / 96.8%		3.23%	
trans-1,3-Dichloropropene	<5.00 ug/L	102% / NA	99.7% / 91.8%		8.28%	
Trichloroethene	<5.00 ug/L	102% / NA	95.5% / 90.6%		5.35%	
Trichlorofluoromethane	<50.0 ug/L	112% / NA	106% / 103%		2.52%	
Vinyl chloride	<2.00 ug/L	104% / NA	104% / 96.5%		7.67%	
1,2-Dichloroethane-d4 [surr]	106 %	102% / NA	104% / 104%		NA	
4-Bromofluorobenzene [surr]	96.0 %	103% / NA	100% / 101%		NA	
Toluene-d8 [surr]	96.1 %	96.6% / NA	92.6% / 96.0%		NA	

Wet Chemistry -- Batch: B810415 (Water)
Prepared: 26-Oct-18 10:20 By: EP -- Analyzed: 26-Oct-18 10:20 By: EP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Sulfide	<0.100 mg/L	118% / NA	126% / 131%		2.84%	

06 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 25-Oct-18 12:40

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B810445 (Water)

Prepared: 26-Oct-18 10:20 By: EP -- Analyzed: 26-Oct-18 10:20 By: EP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Cyanide (total)	<0.010 mg/L	107% / NA	115% / 109%		5.36%	

Wet Chemistry -- Batch: B810447 (Water)

Prepared: 29-Oct-18 10:02 By: SP -- Analyzed: 30-Oct-18 10:36 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TOC	<1.00 mg/L	96.8% / NA	92.6% / 94.6%		1.77%	

Wet Chemistry -- Batch: B810448 (Water)

Prepared: 30-Oct-18 11:00 By: HF -- Analyzed: 30-Oct-18 11:00 By: HF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TDS	<5.00 mg/L	94.6% / 102%	NA / NA		7.59%	

Anions -- Batch: B810451 (Water)

Prepared: 29-Oct-18 10:47 By: MB -- Analyzed: 29-Oct-18 18:27 By: MB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chloride	<0.500 mg/L	92.4% / NA	103% / 103%		0.00%	
Sulfate as SO ₄	<0.500 mg/L	96.2% / NA	101% / 101%		0.0202%	

Total Metals -- Batch: B810453 (Water)

Prepared: 29-Oct-18 11:08 By: SP -- Analyzed: 29-Oct-18 16:33 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Mercury	<0.000200 mg/L	95.7% / NA	92.1% / 94.3%		2.30%	

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QUALITY CONTROL RESULTS

Total Metals -- Batch: B810456 (Water)

Prepared: 29-Oct-18 14:00 By: ST -- Analyzed: 29-Oct-18 16:06 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.036 mg/L	107% / NA	103% / 105%		1.62%	
Arsenic	<0.0235 mg/L	101% / NA	99.1% / 101%		1.58%	
Barium	<0.00728 mg/L	111% / NA	102% / 103%		1.04%	
Beryllium	<0.000624 mg/L	101% / NA	98.3% / 99.3%		1.05%	
Cadmium	<0.00120 mg/L	106% / NA	102% / 104%		1.43%	
Chromium	<0.0125 mg/L	107% / NA	101% / 103%		1.29%	
Cobalt	<0.0135 mg/L	107% / NA	97.3% / 98.4%		1.17%	
Copper	<0.005 mg/L	106% / NA	95.3% / 96.0%		0.778%	
Iron	<0.125 mg/L	107% / NA	105% / 107%		1.29%	
Lead	<0.0156 mg/L	108% / NA	99.2% / 101%		1.43%	
Manganese	<0.0104 mg/L	108% / NA	99.0% / 100%		1.11%	
Nickel	<0.010 mg/L	108% / NA	97.8% / 99.4%		1.68%	
Selenium	<0.0520 mg/L	98.3% / NA	98.1% / 100%		1.91%	
Silver	<0.0208 mg/L	105% / NA	96.4% / 98.1%		1.75%	
Thallium	<0.073 mg/L	106% / NA	96.9% / 98.3%		1.44%	
Tin	<0.728 mg/L	103% / NA	98.6% / 99.9%		1.35%	J
Vanadium	<0.021 mg/L	102% / NA	98.7% / 99.5%		0.769%	
Zinc	<0.0156 mg/L	103% / NA	98.7% / 99.7%		1.05%	

Wet Chemistry -- Batch: B810474 (Water)

Prepared: 31-Oct-18 11:30 By: HF -- Analyzed: 31-Oct-18 11:30 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TDS	<5.00 mg/L	91.3% / 95.4%	NA / NA		4.44%	

QUALIFIER(S)

*E2-F: Second Source Verification Failure

*J: Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James / Teresa Coins

Norma James and/or Teresa Coins
 Technical Director and/or QA Officer



8100 National Drive
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION				Project Description		Turnaround Time		Preservation Codes:											
Harbor Environmental & Safety				NABORS Landfill		1 Day (100%)		1. Cool, 6 Degrees Centigrade						4. Thiosulfate for Dechlorination					
8114 Cantrell Rd.; Ste. 350						2 Day (50%)		2. Sulfuric Acid (H ₂ SO ₄), pH < 2						5. Hydrochloric Acid(HCl)					
Little Rock, AR 72227				Reporting Information		3 Day (25%)		3. Nitric Acid (HNO ₃), pH < 2						6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Tom Huetter				Telephone: 501-663-8800		5 Day (Routine)		TEST PARAMETERS										Bottle Type Code	
				Email: thuetter@harborenv.com		Preservative Code:		1	1	1,6	1,6,Zn	1,5	1,3				G = Glass; P = Plastic		
						Bottle Type:		GV	P	P	P	GV	P				V = Septum; A = Amber		
Sampler(s) Signature				Sampler(s) Printed				Arkansas Analytical Work Order Number: 1810364											
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		Volatiles	Chloride, Sulfate, TDS	Cyanide	Sulfide	TOC	Sb, As, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Ni, Se, Ag, Ti, Sn, V, Zn					
NE-6	10/22/13	1304	X		10	W			X	X	X	X	X	X				01	
NE-3	"	1457	X		1													02	
NE-3 SPR	"	1520	X		1		SPRING NEAR NE-3											03	
NAB-3	"	1609	X		1													04	
MW-577	"	1712	X		1													05	
EB-1	"	1755	X		1		EQUIPMENT BLANK											06	
TB-1	—	—	X		3	W	TRIP BLANK	X										07	
MW-5	10/24/13	0905	X		1			X	X	X	X	X	X	X				08	
MW-4	"	1322	X		1			X	X	X	X	X	X	X				09	
EB-3	"	1535	X		1		EQUIPMENT BLANK	X	X	X	X	X	X	X				10	
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS				
			10/25/13						1. CUSTODY SEALS: ☒ Yes ___ No										
									2. CONTAINERS CORRECT: ☒ Yes ___ No										
									3. COC/LABELS AGREE: ☒ Yes ___ No										
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			4. RECEIVED ON ICE: ☒ Yes ___ No										
			10/25/18, 1240						5. TEMPERATURE ON RECEIPT: 3 °C										
									6. TEMPERATURE GUN ID: HHT# 2										
FOR COMPLETION BY LAB ONLY																			



8100 National Drive
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			Project Description		Turnaround Time		Preservation Codes:										
Harbor Environmental & Safety			NABORS Landfill		1 Day (100%)		1. Cool, 6 Degrees Centigrade					4. Thiosulfate for Dechlorination					
8114 Cantrell Rd.; Ste. 350					2 Day (50%)		2. Sulfuric Acid (H ₂ SO ₄), pH < 2					5. Hydrochloric Acid(HCl)					
Little Rock, AR 72227			Reporting Information		3 Day (25%)		3. Nitric Acid (HNO ₃), pH < 2					6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Tom Huetter			Telephone: 501-663-8800		5 Day (Routine)		TEST PARAMETERS										Bottle Type Code
			Email: thuetter@harborenv.com		Preservative Code:		1	1	1,6	1,6,Zn Acetate	1,5	1,3				G = Glass; P = Plastic	
					Bottle Type:		GV	P	P	P	GV	P				V = Septum; A = Amber	
Sampler(s) Signature			Sampler(s) Printed				Arkansas Analytical Work Order Number: 1810364-										
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		Volatiles	Chloride, Sulfate, TDS	Cyanide	Sulfide	TOC	Sb, As, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Ni, Se, Ag, Ti, Sn, V, Zn			
MW-6	10/23/13	0915	X		10	W			X	X	X	X	X	X			11
SP-7	11	1022	X		1		SPRING										12
LE SEEP	11	1059	X		1		LANDFILL ENTRANCE SEEP										13
MW-7	11	1257	X		1												14
SPRING A	11	1335	X		1												15
MW-689D	11	1516	X		1												16
MW-633D	11	1625	X		1												17
EB-2	11	1709	X		1		EQUIPMENT BLANK										18
TB-2	-	-	X		3	W	TRIP BLANK	X									19
MW-7D	11	1257	X		10	W	MW-7 Dup *	X	X	X	X	X	X				20
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB							REMARKS / SAMPLE COMMENTS		
			10/25/13					1. CUSTODY SEALS: ☒ Yes ___ No							* - MW-7 Dup added to coc per sample containers Rec'd - Jif 10/25/18		
								2. CONTAINERS CORRECT: ☒ Yes ___ No									
								3. COC/LABELS AGREE: ☒ Yes ___ No									
								4. RECEIVED ON ICE: ☒ Yes ___ No									
								5. TEMPERATURE ON RECEIPT: 3°C									
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			6. TEMPERATURE GUN ID: HHT# 2									
			10/25/18, 1240														
FOR COMPLETION BY LAB ONLY																	



8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

06 November 2018

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205

Project: NABORS Landfill Sample(s)
Project Number: October 2018
SDG Number: 1810384

Enclosed are the results of analyses for samples received by the laboratory on 29-Oct-18 08:18. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	4.0°C

Sincerely,

A handwritten signature in blue ink, reading "Norma James / Teresa Coins".

Norma James and/or Teresa Coins
Technical Director and/or QA Officer

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06 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 29-Oct-18 08:18

CASE NARRATIVE

Sample Delivery Group – 1810384

One OR more of the qualifiers described below may appear in this report. Qualifiers in **RED apply to this SDG (Sample Delivery Group).**

ANALYTICAL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
EDL	Result was non-detect at an elevated detection limit due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume.
EX	Result exceeds DAILY MAXIMUM and/or MONTHLY AVERAGE.
EX2	The result exceeds the TCLP limit.
J	At client request, J-Values are reported. J-Values are considered "estimated" results as they are below the limit of quantitation yet above the method detection limit (MDL).
N	Insufficient sample volume received as required by the method.
T40	The ambient temperature exceeded 23 +/- 2°C during the TCLP rotation process.

CALIBRATION QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
CR	Result above highest calibration standard, but within linear calibration range.
Est3	Result at the instrument was above the concentration of the highest standard in the calibration curve.
E2-F	Second Source Verification Failure
E5	Estimated result due to Quality Control failure
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E35	Low Level CCV Failure

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 29-Oct-18 08:18

ANALYTICAL RESULTS

Lab Number: 1810384-01
Sample Name: MW-3
Date/Time Collected: 10/25/18 9:14
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	32.5		10/30/18 8:40	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	12.0		10/30/18 8:40	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.00448	J	10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Barium	mg/L	0.105		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.00275		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Cobalt	mg/L	0.0102	J	10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Copper	mg/L	0.001	J	10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Iron	mg/L	1.13		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Manganese	mg/L	2.46		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/30/18 14:53	B810464	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.043		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Selenium	mg/L	0.00560	J	10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.124		10/30/18 15:32	B810465	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-01
Sample Name: MW-3
Date/Time Collected: 10/25/18 9:14
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-01
 Sample Name: MW-3
 Date/Time Collected: 10/25/18 9:14
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	93.7		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	95.6		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		10/31/18 13:11	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/31/18 7:55	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/31/18 7:55	B811017	SM 4500-S2 D-2011
TDS	mg/L	653		10/31/18 11:30	B810474	SM 2540 C-2011
TOC	mg/L	6.33		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-02
Sample Name: CAO-2
Date/Time Collected: 10/26/18 8:16
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	27.4		10/30/18 9:01	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	10.4		10/30/18 9:01	B810451	EPA 300.0, 2.1-1993

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Barium	mg/L	0.107		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Copper	mg/L	0.001	J	10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Iron	mg/L	0.171		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.321		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/30/18 14:53	B810464	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.009	J	10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0162		10/30/18 15:36	B810465	SW 6010C Rev 3 (2007)

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-02
Sample Name: CAO-2
Date/Time Collected: 10/26/18 8:16
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	0.625	J	10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-02
 Sample Name: CAO-2
 Date/Time Collected: 10/26/18 8:16
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	96.0		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	94.3		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.1		10/31/18 13:39	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/31/18 7:55	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/31/18 7:55	B811017	SM 4500-S2 D-2011
TDS	mg/L	468		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	2.31		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-03
Sample Name: NAB-7
Date/Time Collected: 10/26/18 10:53
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.58		10/30/18 9:21	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	20.9		10/30/18 9:21	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.0117	J	10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0227		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Iron	mg/L	1.18		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Lead	mg/L	0.0136	J	10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00609	J	10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/30/18 14:53	B810464	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.004	J	10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0432		10/30/18 15:39	B810465	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trimethylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,3,5-Trimethylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-03
Sample Name: NAB-7
Date/Time Collected: 10/26/18 10:53
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
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ANALYTICAL RESULTS

Lab Number: 1810384-03
 Sample Name: NAB-7
 Date/Time Collected: 10/26/18 10:53
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.6		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.3		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		10/31/18 14:07	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/31/18 7:55	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/31/18 7:55	B811017	SM 4500-S2 D-2011
TDS	mg/L	369		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

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ANALYTICAL RESULTS

Lab Number: 1810384-04
Sample Name: NAB-7-DUP
Date/Time Collected: 10/26/18 10:53
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	1.57		10/30/18 9:42	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	20.7		10/30/18 9:42	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.0175	J	10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0225		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Iron	mg/L	1.42		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Lead	mg/L	0.0163		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00637	J	10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/30/18 14:53	B810464	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.003	J	10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0472		10/30/18 15:43	B810465	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trimethylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,3,5-Trimethylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 1810384-04
 Sample Name: NAB-7-DUP
 Date/Time Collected: 10/26/18 10:53
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-04
Sample Name: NAB-7-DUP
Date/Time Collected: 10/26/18 10:53
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.3		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	100		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		10/31/18 14:35	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/31/18 7:55	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/31/18 7:55	B811017	SM 4500-S2 D-2011
TDS	mg/L	363		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-05
Sample Name: MW-509
Date/Time Collected: 10/26/18 12:14
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	4.82		10/30/18 10:02	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	11.0		10/30/18 10:02	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0348		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.00462		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00170	J	10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Copper	mg/L	0.002	J	10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Iron	mg/L	0.701		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00944	J	10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/30/18 14:53	B810464	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.423		10/30/18 15:47	B810465	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trimethylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,3,5-Trimethylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-05
Sample Name: MW-509
Date/Time Collected: 10/26/18 12:14
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006



Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-05
 Sample Name: MW-509
 Date/Time Collected: 10/26/18 12:14
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.2		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	95.0		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.6		10/31/18 15:04	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/31/18 7:55	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/31/18 7:55	B811017	SM 4500-S2 D-2011
TDS	mg/L	378		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-06
Sample Name: NAB-2
Date/Time Collected: 10/26/18 13:29
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	11.9		10/31/18 16:51	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	18.1		10/31/18 16:51	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0661		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Copper	mg/L	0.002	J	10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Iron	mg/L	0.184		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0252		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/30/18 14:53	B810464	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.005	J	10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0443		10/30/18 15:51	B810465	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	0.251	J	10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	0.502	J	10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-06
Sample Name: NAB-2
Date/Time Collected: 10/26/18 13:29
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	0.280	J	10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	0.280	J	10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-06
 Sample Name: NAB-2
 Date/Time Collected: 10/26/18 13:29
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	95.9		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	96.7		10/31/18 15:32	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/31/18 7:55	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/31/18 7:55	B811017	SM 4500-S2 D-2011
TDS	mg/L	440		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-07
Sample Name: EB-4
Date/Time Collected: 10/26/18 14:10
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	< 0.500		10/30/18 8:20	B810451	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	< 0.500		10/30/18 8:20	B810451	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Barium	mg/L	< 0.00728		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Beryllium	mg/L	0.000227	J	10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Iron	mg/L	< 0.125		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00276	J	10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		10/30/18 14:53	B810464	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Selenium	mg/L	0.00647	J	10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
Zinc	mg/L	< 0.0156		10/30/18 15:55	B810465	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-07
Sample Name: EB-4
Date/Time Collected: 10/26/18 14:10
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-07
Sample Name: EB-4
Date/Time Collected: 10/26/18 14:10
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	96.8		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	95.4		10/31/18 12:14	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		10/31/18 7:55	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		10/31/18 7:55	B811017	SM 4500-S2 D-2011
TDS	mg/L	< 5.00		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810384-08
Sample Name: TB-1
Date/Time Collected: 10/29/18 8:18
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
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5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
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Date Received: 29-Oct-18 08:18

ANALYTICAL RESULTS

Lab Number: 1810384-08
Sample Name: TB-1
Date/Time Collected: 10/29/18 8:18
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloroform	ug/L	< 5.00	E2-F	10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	93.4		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		10/31/18 12:43	B810475	SW 8260C, Rev 3, 2006

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5800 Evergreen Dr.
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QUALITY CONTROL RESULTS**Anions -- Batch: B810451 (Water)**

Prepared: 29-Oct-18 10:47 By: MB -- Analyzed: 29-Oct-18 18:27 By: MB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chloride	<0.500 mg/L	92.4% / NA	103% / 103%		0.00%	
Sulfate as SO4	<0.500 mg/L	96.2% / NA	101% / 101%		0.0202%	

Total Metals -- Batch: B810464 (Water)

Prepared: 30-Oct-18 10:44 By: SP -- Analyzed: 30-Oct-18 14:53 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Mercury	<0.000200 mg/L	94.3% / NA	93.6% / 92.9%		0.766%	

Total Metals -- Batch: B810465 (Water)

Prepared: 30-Oct-18 10:46 By: ST -- Analyzed: 30-Oct-18 14:42 By: ST

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Antimony	<0.036 mg/L	104% / NA	109% / 109%		0.579%	
Arsenic	<0.0235 mg/L	98.6% / NA	105% / 107%		1.33%	
Barium	<0.00728 mg/L	104% / NA	99.6% / 101%		1.36%	
Beryllium	<0.000624 mg/L	100% / NA	104% / 106%		1.38%	
Cadmium	<0.00120 mg/L	104% / NA	105% / 106%		0.659%	
Chromium	<0.0125 mg/L	104% / NA	106% / 107%		1.18%	
Cobalt	<0.0135 mg/L	103% / NA	103% / 104%		1.10%	
Copper	<0.005 mg/L	99.1% / NA	99.6% / 101%		1.56%	
Iron	<0.125 mg/L	105% / NA	101% / 105%		2.28%	
Lead	<0.0156 mg/L	105% / NA	103% / 103%		0.668%	
Manganese	<0.0104 mg/L	101% / NA	99.3% / 101%		1.44%	
Nickel	<0.010 mg/L	103% / NA	104% / 105%		1.27%	
Selenium	<0.0520 mg/L	97.7% / NA	104% / 105%		0.794%	
Silver	<0.0208 mg/L	104% / NA	102% / 103%		1.21%	
Thallium	<0.073 mg/L	100% / NA	94.2% / 95.6%		1.50%	
Tin	<0.728 mg/L	101% / NA	105% / 106%		0.488%	J
Vanadium	<0.021 mg/L	99.2% / NA	104% / 106%		1.40%	
Zinc	<0.0156 mg/L	99.8% / NA	104% / 105%		0.788%	

Wet Chemistry -- Batch: B810474 (Water)

Prepared: 31-Oct-18 11:30 By: HF -- Analyzed: 31-Oct-18 11:30 By: HF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TDS	<5.00 mg/L	91.3% / 95.4%	NA / NA		4.44%	

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QUALITY CONTROL RESULTS**Volatiles -- Batch: B810475 (Water)**

Prepared: 31-Oct-18 09:51 By: CT -- Analyzed: 31-Oct-18 22:05 By: ct

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<5.00 ug/L	96.7%	/ NA	96.2%	/ 97.5%		1.34%	
1,1,1-Trichloroethane	<5.00 ug/L	100%	/ NA	105%	/ 104%		0.594%	
1,1,2,2-Tetrachloroethane	<5.00 ug/L	91.5%	/ NA	103%	/ 102%		1.11%	
1,1,2-Trichloroethane	<5.00 ug/L	98.5%	/ NA	93.3%	/ 97.3%		4.20%	
1,1-Dichloroethane	<5.00 ug/L	89.8%	/ NA	101%	/ 105%		2.99%	
1,1-Dichloroethene	<5.00 ug/L	94.7%	/ NA	105%	/ 101%		4.16%	
1,1-Dichloropropene	<5.00 ug/L	99.5%	/ NA	118%	/ 109%		7.92%	
1,2,3-Trichlorobenzene	<5.00 ug/L	89.0%	/ NA	94.8%	/ 97.2%		2.44%	
1,2,3-Trichloropropane	<5.00 ug/L	89.9%	/ NA	90.9%	/ 92.9%		2.17%	
1,2,4-Trimethylbenzene	<5.00 ug/L	96.6%	/ NA	103%	/ 103%		0.131%	
1,2,4-Trichlorobenzene	<5.00 ug/L	93.5%	/ NA	99.8%	/ 99.1%		0.714%	
1,2-Dibromo-3-chloropropane	<5.00 ug/L	84.9%	/ NA	89.0%	/ 99.2%		10.8%	
1,2-Dibromoethane	<5.00 ug/L	97.5%	/ NA	97.9%	/ 97.9%		0.0102%	
1,2-Dichlorobenzene	<5.00 ug/L	92.1%	/ NA	104%	/ 99.6%		4.66%	
1,2-Dichloroethane	<5.00 ug/L	100%	/ NA	104%	/ 105%		1.40%	
1,2-Dichloropropane	<5.00 ug/L	96.6%	/ NA	98.6%	/ 105%		6.69%	
1,2-Dimethylbenzene	<5.00 ug/L	103%	/ NA	99.2%	/ 101%		1.48%	
1,3,5-Trimethylbenzene	<5.00 ug/L	94.9%	/ NA	110%	/ 104%		4.99%	
1,3-Dichlorobenzene	<5.00 ug/L	92.3%	/ NA	101%	/ 103%		2.04%	
1,3-Dichloropropane	<5.00 ug/L	102%	/ NA	101%	/ 101%		0.238%	
1,3-Dimethylbenzene	<5.00 ug/L	102%	/ NA	104%	/ 103%		1.69%	
1,4-Dichlorobenzene	<5.00 ug/L	91.5%	/ NA	99.6%	/ 95.6%		4.09%	
1,4-Dimethylbenzene	<5.00 ug/L	102%	/ NA	104%	/ 103%		1.56%	
2,2-Dichloropropane	<5.00 ug/L	111%	/ NA	102%	/ 99.8%		2.63%	
2-Butanone	<50.0 ug/L	101%	/ NA	93.2%	/ 89.8%		3.73%	
2-Chloroethyl Vinyl Ether	<50.0 ug/L	98.0%	/ NA	94.2%	/ 89.9%		4.63%	E2-F
2-Chlorotoluene	<5.00 ug/L	98.9%	/ NA	108%	/ 99.8%		8.03%	
2-Hexanone	<50.0 ug/L	95.9%	/ NA	82.3%	/ 85.5%		3.87%	
4-Chlorotoluene	<5.00 ug/L	95.0%	/ NA	102%	/ 103%		1.27%	
4-Methyl-2-pentanone	<50.0 ug/L	97.8%	/ NA	89.1%	/ 87.4%		1.87%	
Acrolein	<50.0 ug/L	81.5%	/ NA	60.5%	/ 51.1%		16.9%	
Acrylonitrile	<50.0 ug/L	102%	/ NA	98.9%	/ 95.5%		3.47%	
Benzene	<5.00 ug/L	94.6%	/ NA	106%	/ 103%		2.87%	
Bromobenzene	<5.00 ug/L	87.2%	/ NA	97.4%	/ 102%		4.60%	
Bromochloromethane	<5.00 ug/L	94.3%	/ NA	103%	/ 102%		0.734%	
Bromodichloromethane	<5.00 ug/L	101%	/ NA	101%	/ 101%		0.242%	
Bromoform	<5.00 ug/L	100%	/ NA	91.3%	/ 92.0%		0.780%	
Bromomethane	<50.0 ug/L	90.0%	/ NA	99.7%	/ 105%		5.45%	E21
Carbon disulfide	<50.0 ug/L	87.5%	/ NA	96.3%	/ 95.7%		0.646%	
Carbon Tetrachloride	<5.00 ug/L	103%	/ NA	111%	/ 110%		1.30%	
Chlorobenzene	<5.00 ug/L	94.0%	/ NA	99.2%	/ 96.4%		2.81%	
Chlorodibromomethane	<5.00 ug/L	103%	/ NA	98.8%	/ 94.0%		5.00%	
Chloroethane	<50.0 ug/L	100%	/ NA	111%	/ 105%		5.98%	
Chloroform	<5.00 ug/L	87.6%	/ NA	99.7%	/ 95.3%		4.47%	
Chloromethane	<50.0 ug/L	96.1%	/ NA	96.2%	/ 95.3%		0.971%	
cis-1,2-Dichloroethene	<5.00 ug/L	99.6%	/ NA	107%	/ 104%		2.94%	
cis-1,3-Dichloropropene	<5.00 ug/L	109%	/ NA	98.4%	/ 100%		1.74%	
Dibromomethane	<5.00 ug/L	98.0%	/ NA	95.9%	/ 100%		4.64%	

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QUALITY CONTROL RESULTS**Volatiles -- Batch: B810475 (Water)**

Prepared: 31-Oct-18 09:51 By: CT -- Analyzed: 31-Oct-18 22:05 By: ct

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Dichlorodifluoromethane	<50.0 ug/L	89.2% / NA	101% / 97.7%		3.24%	E2-F
Ethylbenzene	<5.00 ug/L	95.9% / NA	103% / 101%		1.50%	
Hexachlorobutadiene	<5.00 ug/L	105% / NA	105% / 105%		0.495%	
Isopropylbenzene	<50.0 ug/L	100% / NA	104% / 104%		0.231%	
Methylene Chloride	<20.0 ug/L	89.2% / NA	95.1% / 90.4%		5.13%	
Methyl-tert-Butyl Ether	<5.00 ug/L	98.6% / NA	99.0% / 101%		2.47%	
Naphthalene	<5.00 ug/L	89.8% / NA	89.6% / 94.2%		4.99%	
n-Butylbenzene	<5.00 ug/L	97.6% / NA	103% / 106%		2.86%	
n-Propylbenzene	<5.00 ug/L	99.8% / NA	110% / 106%		3.18%	
p-Isopropyltoluene	<5.00 ug/L	96.1% / NA	103% / 96.7%		6.18%	
sec-Butylbenzene	<5.00 ug/L	92.2% / NA	108% / 104%		4.60%	
Styrene	<5.00 ug/L	97.5% / NA	103% / 99.8%		3.52%	
tert-Butylbenzene	<5.00 ug/L	92.9% / NA	106% / 98.4%		7.52%	
Tetrachloroethene	<5.00 ug/L	104% / NA	103% / 99.0%		4.07%	
Toluene	<5.00 ug/L	95.3% / NA	100% / 99.1%		1.28%	
trans-1,2-Dichloroethene	<5.00 ug/L	96.0% / NA	105% / 103%		2.03%	
trans-1,3-Dichloropropene	<5.00 ug/L	98.8% / NA	92.1% / 92.9%		0.876%	
Trichloroethene	<5.00 ug/L	95.5% / NA	98.9% / 99.2%		0.333%	
Trichlorofluoromethane	<50.0 ug/L	93.9% / NA	108% / 107%		0.915%	
Vinyl chloride	<2.00 ug/L	96.2% / NA	104% / 101%		3.12%	
1,2-Dichloroethane-d4 [surr]	103 %	100% / NA	103% / 98.4%		NA	
4-Bromofluorobenzene [surr]	101 %	92.2% / NA	102% / 95.8%		NA	
Toluene-d8 [surr]	97.1 %	96.3% / NA	95.8% / 95.6%		NA	

Anions -- Batch: B810478 (Water)

Prepared: 01-Nov-18 07:30 By: MB -- Analyzed: 01-Nov-18 15:10 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chloride	<0.500 mg/L	98.3% / NA	105% / 105%		0.0262%	
Sulfate as SO4	<0.500 mg/L	102% / NA	100% / 99.9%		0.189%	

Wet Chemistry -- Batch: B811009 (Water)

Prepared: 02-Nov-18 07:10 By: HF -- Analyzed: 02-Nov-18 07:10 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TDS	<5.00 mg/L	109% / 103%	NA / NA		5.49%	

Wet Chemistry -- Batch: B811010 (Water)

Prepared: 01-Nov-18 11:24 By: SP -- Analyzed: 01-Nov-18 11:24 By: SP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TOC	<1.00 mg/L	92.8% / NA	93.6% / 86.2%		3.43%	

06 November 2018



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QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B811017 (Water)

Prepared: 31-Oct-18 07:55 By: EP -- Analyzed: 31-Oct-18 07:55 By: EP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Sulfide	<0.100 mg/L	88.5% / NA	62.0% / 63.0%		1.44%	

Wet Chemistry -- Batch: B811033 (Water)

Prepared: 01-Nov-18 07:30 By: EP -- Analyzed: 01-Nov-18 07:30 By: EP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Cyanide (total)	<0.010 mg/L	117% / NA	105% / 113%		7.34%	

QUALIFIER(S)

- *E21: Estimated Result; This Analyte failed (low) in the CCV.
- *E2-F: Second Source Verification Failure
- *J: Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James / Teresa Coins

Norma James and/or Teresa Coins
Technical Director and/or QA Officer



8100 National Drive
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION				Project Description		Turnaround Time		Preservation Codes:																	
Harbor Environmental & Safety				NABORS Landfill		1 Day (100%)		1. Cool, 6 Degrees Centigrade						4. Thiosulfate for Dechlorination											
8114 Cantrell Rd.; Ste. 350						2 Day (50%)		2. Sulfuric Acid (H ₂ SO ₄), pH < 2						5. Hydrochloric Acid(HCl)											
Little Rock, AR 72227				Reporting Information		3 Day (25%)		3. Nitric Acid (HNO ₃), pH < 2						6. Sodium Hydroxide (NaOH), pH > 12											
Attn: Tom Huetter				Telephone: 501-663-8800		5 Day (Routine)		TEST PARAMETERS										Bottle Type Code							
				Email: thuetter@harborenv.com		Preservative Code:		1	1	1,6	1,6 Zn Acetate	1,5	1,3				G = Glass; P = Plastic								
						Bottle Type:		GV	P	P	P	GV	P				V = Septum; A = Amber								
Sampler(s) Signature				Sampler(s) Printed				Volatiles										Arkansas Analytical Work Order Number:							
Field Number		SAMPLE COLLECTION		Grab		Comp		Number of Bottles		Sample Matrix		IDENTIFICATION/ DESCRIPTION		Chloride, Sulfate, TDS		Cyanide		Sulfide		TOC		Sh, As, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Ni, Se, Ag, Ti, Sn, V, Zn			
MW-3		10/25/18 0914		X		3		10		X				X		X		X		X		X			
CAD-2		10/26/18 0816																							
NAB-7		11 1053																							
NAB-7 DUP.		11 1053																							
MW-506		11 1214																							
NAB-2		11 1329																							
EB-1		11 1410																							
TB-1		11 1410																							
TB-2		11 1410																							
1. Relinquished by: (Signature)				Date/Time				2. Received by: (Signature)				SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS									
				10/29/18 0740								1. CUSTODY SEALS: ☒ Yes ___ No													
												2. CONTAINERS CORRECT: ☒ Yes ___ No													
												3. COC/LABELS AGREE: ☒ Yes ___ No													
3. Relinquished by: (Signature)				Date/Time				4. Received by lab: (Signature)				4. RECEIVED ON ICE: ☒ Yes ___ No													
				10/29/18 810								5. TEMPERATURE ON RECEIPT: 4 °C													
												6. TEMPERATURE GUN ID: HHT# 2													
FOR COMPLETION BY LAB ONLY																									



8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

08 November 2018

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205

Project: NABORS Landfill Sample(s)
Project Number: October 2018
SDG Number: 1810414

Enclosed are the results of analyses for samples received by the laboratory on 31-Oct-18 10:23. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	4.0°C

Sincerely,

A handwritten signature in blue ink, reading "Norma James / Teresa Coins".

Norma James and/or Teresa Coins
Technical Director and/or QA Officer

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08 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 31-Oct-18 10:23

CASE NARRATIVE

Sample Delivery Group – 1810414

One OR more of the qualifiers described below may appear in this report. Qualifiers in RED apply to this SDG (Sample Delivery Group).

ANALYTICAL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
EDL	Result was non-detect at an elevated detection limit due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume.
EX	Result exceeds DAILY MAXIMUM and/or MONTHLY AVERAGE.
EX2	The result exceeds the TCLP limit.
J	At client request, J-Values are reported. J-Values are considered "estimated" results as they are below the limit of quantitation yet above the method detection limit (MDL).
N	Insufficient sample volume received as required by the method.
T40	The ambient temperature exceeded 23 +/- 2°C during the TCLP rotation process.

CALIBRATION QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
CR	Result above highest calibration standard, but within linear calibration range.
Est3	Result at the instrument was above the concentration of the highest standard in the calibration curve.
E2-F	Second Source Verification Failure
E5	Estimated result due to Quality Control failure
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E35	Low Level CCV Failure

Tom Huetter
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5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 31-Oct-18 10:23

ANALYTICAL RESULTS

Lab Number: 1810414-01
Sample Name: CAO-3
Date/Time Collected: 10/29/18 12:10
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	10.9		11/1/18 9:43	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	30.2		11/1/18 9:43	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0396		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	0.108	J	11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.004	J	11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0274		11/1/18 15:04	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 31-Oct-18 10:23

ANALYTICAL RESULTS

Lab Number: 1810414-01
Sample Name: CAO-3
Date/Time Collected: 10/29/18 12:10
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006



Tom Huetter
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 Little Rock, AR 72205
 Project: NABORS Landfill Sample(s)
 Project Number: October 2018
 Date Received: 31-Oct-18 10:23

ANALYTICAL RESULTS

Lab Number: 1810414-01
 Sample Name: CAO-3
 Date/Time Collected: 10/29/18 12:10
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	95.4		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.9		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.9		10/31/18 16:00	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	456		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	1.20		11/1/18 11:24	B811010	SM 5310 B-2011

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Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 31-Oct-18 10:23

ANALYTICAL RESULTS

Lab Number: 1810414-02
Sample Name: CAO-1
Date/Time Collected: 10/29/18 15:21
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	82.0		11/1/18 10:03	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	< 0.500		11/1/18 14:09	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.108		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.260		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	0.0150		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	33.0		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.611		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.033		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0225		11/1/18 15:08	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	3.60	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	0.298	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006

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Harbor Environmental & Safety
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-02
Sample Name: CAO-1
Date/Time Collected: 10/29/18 15:21
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	1.35	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	4.83	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	1.14	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	0.533	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	2.78	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	0.386	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	12.3		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-02
Sample Name: CAO-1
Date/Time Collected: 10/29/18 15:21
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00	J	10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	0.628		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	2.41		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	103		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	96.9		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		10/31/18 16:28	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	807		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	8.88		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
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Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-03
Sample Name: MW-1R
Date/Time Collected: 10/29/18 16:27
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	97.6		11/1/18 10:24	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	22.7		11/1/18 10:24	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.0856		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.163		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	0.0586		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	32.9		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.231		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	0.000225		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.083		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	1.34		11/1/18 15:12	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	18.6		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	0.408	J	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	0.330	J	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
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ANALYTICAL RESULTS

Lab Number: 1810414-03
Sample Name: MW-1R
Date/Time Collected: 10/29/18 16:27
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	2.48	J	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	1.05	J	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	1.38	J	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	9.51		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	31.7		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
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ANALYTICAL RESULTS

Lab Number: 1810414-03
 Sample Name: MW-1R
 Date/Time Collected: 10/29/18 16:27
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	0.694	J	10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	3.85		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	95.8		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.8		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.4		10/31/18 16:56	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	860		11/2/18 7:10	B811009	SM 2540 C-2011
TOC	mg/L	7.78		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-04
Sample Name: MW-1
Date/Time Collected: 10/29/18 17:49
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	91.3		11/1/18 13:28	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	17.2		11/1/18 10:44	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.0441		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.171		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.127		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	0.0477		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	0.003	J	11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	9.63		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.596		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.147		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.151		11/1/18 15:31	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	16.7		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	0.528	J	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	0.340	J	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810414-04
Sample Name: MW-1
Date/Time Collected: 10/29/18 17:49
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	3.66	J	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	0.815	J	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	2.16	J	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	9.33		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	37.4		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810414-04
 Sample Name: MW-1
 Date/Time Collected: 10/29/18 17:49
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00	J	10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	0.267		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	5.12		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	104		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.9		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	94.6		10/31/18 21:09	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	965		11/5/18 11:10	B811055	SM 2540 C-2011
TOC	mg/L	8.62		11/1/18 11:24	B811010	SM 5310 B-2011

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ANALYTICAL RESULTS

Lab Number: 1810414-05
Sample Name: EB-5
Date/Time Collected: 10/29/18 18:04
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	< 0.500		11/1/18 11:05	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	< 0.500		11/1/18 11:05	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	< 0.00728		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	< 0.125		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	< 0.0156		11/1/18 15:35	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-05
Sample Name: EB-5
Date/Time Collected: 10/29/18 18:04
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-05
 Sample Name: EB-5
 Date/Time Collected: 10/29/18 18:04
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	104		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	95.7		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	96.1		10/31/18 17:24	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	< 5.00		11/5/18 11:10	B811055	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-06
Sample Name: NE-4
Date/Time Collected: 10/30/18 9:29
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	5.31		11/1/18 12:06	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	26.8		11/1/18 12:06	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0470		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	0.164		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0202		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.008	J	11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	0.00566	J	11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.149		11/1/18 15:38	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number:		1810414-06				
Sample Name:		NE-4				
Date/Time Collected:		10/30/18 9:29				
Sample Matrix:		Water				
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00	E2-F	10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00	E21	10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00	10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006	
Dibromomethane	ug/L	< 5.00	10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006	
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00	E2-F	10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-06
 Sample Name: NE-4
 Date/Time Collected: 10/30/18 9:29
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	94.7		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	90.2		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.4		10/31/18 17:52	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	437		11/5/18 11:10	B811055	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-07
Sample Name: NE-2
Date/Time Collected: 10/30/18 10:01
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	18.3		11/1/18 12:26	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	570		11/1/18 13:48	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.0256		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.132		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.0179		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	0.00945	J	11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	0.008		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	5.22		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	0.0272		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.229		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.040		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	0.020	J	11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0562		11/1/18 15:42	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number:		1810414-07				
Sample Name:		NE-2				
Date/Time Collected:		10/30/18 10:01				
Sample Matrix:		Water				
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
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ANALYTICAL RESULTS

Lab Number: 1810414-07
Sample Name: NE-2
Date/Time Collected: 10/30/18 10:01
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Tetrachloroethene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	96.9		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	97.4		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.9		10/31/18 18:21	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	1320		11/5/18 11:10	B811055	SM 2540 C-2011
TOC	mg/L	11.7		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-08
Sample Name: MW-2
Date/Time Collected: 10/30/18 13:00
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	2.73		11/1/18 12:47	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	13.8		11/1/18 12:47	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0305		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	0.171		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00740	J	11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.00561	J	11/1/18 15:46	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
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ANALYTICAL RESULTS

Lab Number: 1810414-08
Sample Name: MW-2
Date/Time Collected: 10/30/18 13:00
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
 Harbor Environmental & Safety
 5800 Evergreen Dr.
 Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-08
 Sample Name: MW-2
 Date/Time Collected: 10/30/18 13:00
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	95.9		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	93.8		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		10/31/18 18:49	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	369		11/5/18 11:10	B811055	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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Project Number: October 2018
Date Received: 31-Oct-18 10:23

ANALYTICAL RESULTS

Lab Number: 1810414-09
Sample Name: NAB-8
Date/Time Collected: 10/30/18 13:27
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	mg/L	< 0.036		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0918		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	0.000195	J	11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.000911	J	11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	0.00471	J	11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	0.003	J	11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	2.46		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	0.0110	J	11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.0408		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.003	J	11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	0.006	J	11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.0647		11/1/18 15:50	B811004	SW 6010C Rev 3 (2007)
Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-09
Sample Name: NAB-8
Date/Time Collected: 10/30/18 13:27
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006

08 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-09
Sample Name: NAB-8
Date/Time Collected: 10/30/18 13:27
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Trichloroethene	ug/L	< 5.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	97.5		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.3		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.0		10/31/18 19:17	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TOC	mg/L	1.53		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
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ANALYTICAL RESULTS

Lab Number: 1810414-10
Sample Name: EB-6
Date/Time Collected: 10/30/18 14:05
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	< 0.500		11/1/18 13:07	B810478	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	< 0.500		11/1/18 13:07	B810478	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Arsenic	mg/L	< 0.0235		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Barium	mg/L	< 0.00728		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Cadmium	mg/L	< 0.00120		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Iron	mg/L	< 0.125		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Manganese	mg/L	< 0.0104		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/2/18 14:27	B811019	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	< 0.010		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Selenium	mg/L	0.00736	J	11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
Zinc	mg/L	0.00452	J	11/1/18 15:54	B811004	SW 6010C Rev 3 (2007)
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-10
Sample Name: EB-6
Date/Time Collected: 10/30/18 14:05
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0	E2-F	10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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ANALYTICAL RESULTS

Lab Number: 1810414-10
Sample Name: EB-6
Date/Time Collected: 10/30/18 14:05
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Toluene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	100		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.4		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.7		10/31/18 19:45	B810475	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/1/18 7:30	B811033	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/1/18 7:30	B811017	SM 4500-S2 D-2011
TDS	mg/L	< 5.00		11/6/18 13:05	B811085	SM 2540 C-2011
TOC	mg/L	< 1.00		11/1/18 11:24	B811010	SM 5310 B-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 31-Oct-18 10:23

ANALYTICAL RESULTS

Lab Number: 1810414-11
Sample Name: Trip Blank #1
Date/Time Collected: 10/31/18 10:23
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number:		1810414-11				
Sample Name:		Trip Blank #1				
Date/Time Collected:		10/31/18 10:23				
Sample Matrix:		Water				
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloroform	ug/L	< 5.00	E2-F	10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101	10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006	
1,2-Dichloroethane-d4 [surr]	%	94.4	10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006	
Toluene-d8 [surr]	%	104	10/31/18 20:13	B810475	SW 8260C, Rev 3, 2006	

Tom Huetter
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5800 Evergreen Dr.
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ANALYTICAL RESULTS

Lab Number:		1810414-12				
Sample Name:		Trip Blank #2				
Date/Time Collected:		10/31/18 10:23				
Sample Matrix:		Water				
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,1-Dichloropropene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichlorobenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2,4- Trimethylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2,4-Trichlorobenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,2-Dimethylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,3,5- Trimethylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,3-Dichloropropane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,3-Dimethylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
1,4-Dimethylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
2,2-Dichloropropane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
2-Chloroethyl Vinyl Ether	ug/L	< 50.0	E2-F	10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
2-Chlorotoluene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
4-Chlorotoluene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Bromobenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Bromochloromethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 50.0	E21	10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Chlorodibromomethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006

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 Date Received: 31-Oct-18 10:23

ANALYTICAL RESULTS

Lab Number:		1810414-12				
Sample Name:		Trip Blank #2				
Date/Time Collected:		10/31/18 10:23				
Sample Matrix:		Water				
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloroform	ug/L	< 5.00	E2-F	10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
cis-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Hexachlorobutadiene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Isopropylbenzene	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 20.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Methyl-tert-Butyl Ether	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
n-Butylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
n-Propylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
p-Isopropyltoluene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
sec-Butylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
tert-Butylbenzene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 5.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 50.0		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	106	10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006	
1,2-Dichloroethane-d4 [surr]	%	103	10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006	
Toluene-d8 [surr]	%	96.8	10/31/18 20:41	B810475	SW 8260C, Rev 3, 2006	

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QUALITY CONTROL RESULTS**Volatiles -- Batch: B810475 (Water)**

Prepared: 31-Oct-18 09:51 By: CT -- Analyzed: 31-Oct-18 22:05 By: ct

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<5.00 ug/L	96.7%	/ NA	96.2%	/ 97.5%		1.34%	
1,1,1-Trichloroethane	<5.00 ug/L	100%	/ NA	105%	/ 104%		0.594%	
1,1,2,2-Tetrachloroethane	<5.00 ug/L	91.5%	/ NA	103%	/ 102%		1.11%	
1,1,2-Trichloroethane	<5.00 ug/L	98.5%	/ NA	93.3%	/ 97.3%		4.20%	
1,1-Dichloroethane	<5.00 ug/L	89.8%	/ NA	101%	/ 105%		2.99%	
1,1-Dichloroethene	<5.00 ug/L	94.7%	/ NA	105%	/ 101%		4.16%	
1,1-Dichloropropene	<5.00 ug/L	99.5%	/ NA	118%	/ 109%		7.92%	
1,2,3-Trichlorobenzene	<5.00 ug/L	89.0%	/ NA	94.8%	/ 97.2%		2.44%	
1,2,3-Trichloropropane	<5.00 ug/L	89.9%	/ NA	90.9%	/ 92.9%		2.17%	
1,2,4- Trimethylbenzene	<5.00 ug/L	96.6%	/ NA	103%	/ 103%		0.131%	
1,2,4-Trichlorobenzene	<5.00 ug/L	93.5%	/ NA	99.8%	/ 99.1%		0.714%	
1,2-Dibromo-3-chloropropane	<5.00 ug/L	84.9%	/ NA	89.0%	/ 99.2%		10.8%	
1,2-Dibromoethane	<5.00 ug/L	97.5%	/ NA	97.9%	/ 97.9%		0.0102%	
1,2-Dichlorobenzene	<5.00 ug/L	92.1%	/ NA	104%	/ 99.6%		4.66%	
1,2-Dichloroethane	<5.00 ug/L	100%	/ NA	104%	/ 105%		1.40%	
1,2-Dichloropropane	<5.00 ug/L	96.6%	/ NA	98.6%	/ 105%		6.69%	
1,2-Dimethylbenzene	<5.00 ug/L	103%	/ NA	99.2%	/ 101%		1.48%	
1,3,5- Trimethylbenzene	<5.00 ug/L	94.9%	/ NA	110%	/ 104%		4.99%	
1,3-Dichlorobenzene	<5.00 ug/L	92.3%	/ NA	101%	/ 103%		2.04%	
1,3-Dichloropropane	<5.00 ug/L	102%	/ NA	101%	/ 101%		0.238%	
1,3-Dimethylbenzene	<5.00 ug/L	102%	/ NA	104%	/ 103%		1.69%	
1,4-Dichlorobenzene	<5.00 ug/L	91.5%	/ NA	99.6%	/ 95.6%		4.09%	
1,4-Dimethylbenzene	<5.00 ug/L	102%	/ NA	104%	/ 103%		1.56%	
2,2-Dichloropropane	<5.00 ug/L	111%	/ NA	102%	/ 99.8%		2.63%	
2-Butanone	<50.0 ug/L	101%	/ NA	93.2%	/ 89.8%		3.73%	
2-Chloroethyl Vinyl Ether	<50.0 ug/L	98.0%	/ NA	94.2%	/ 89.9%		4.63%	E2-F
2-Chlorotoluene	<5.00 ug/L	98.9%	/ NA	108%	/ 99.8%		8.03%	
2-Hexanone	<50.0 ug/L	95.9%	/ NA	82.3%	/ 85.5%		3.87%	
4-Chlorotoluene	<5.00 ug/L	95.0%	/ NA	102%	/ 103%		1.27%	
4-Methyl-2-pentanone	<50.0 ug/L	97.8%	/ NA	89.1%	/ 87.4%		1.87%	
Acrolein	<50.0 ug/L	81.5%	/ NA	60.5%	/ 51.1%		16.9%	
Acrylonitrile	<50.0 ug/L	102%	/ NA	98.9%	/ 95.5%		3.47%	
Benzene	<5.00 ug/L	94.6%	/ NA	106%	/ 103%		2.87%	
Bromobenzene	<5.00 ug/L	87.2%	/ NA	97.4%	/ 102%		4.60%	
Bromochloromethane	<5.00 ug/L	94.3%	/ NA	103%	/ 102%		0.734%	
Bromodichloromethane	<5.00 ug/L	101%	/ NA	101%	/ 101%		0.242%	
Bromoform	<5.00 ug/L	100%	/ NA	91.3%	/ 92.0%		0.780%	
Bromomethane	<50.0 ug/L	90.0%	/ NA	99.7%	/ 105%		5.45%	E21
Carbon disulfide	<50.0 ug/L	87.5%	/ NA	96.3%	/ 95.7%		0.646%	
Carbon Tetrachloride	<5.00 ug/L	103%	/ NA	111%	/ 110%		1.30%	
Chlorobenzene	<5.00 ug/L	94.0%	/ NA	99.2%	/ 96.4%		2.81%	
Chlorodibromomethane	<5.00 ug/L	103%	/ NA	98.8%	/ 94.0%		5.00%	
Chloroethane	<50.0 ug/L	100%	/ NA	111%	/ 105%		5.98%	
Chloroform	<5.00 ug/L	87.6%	/ NA	99.7%	/ 95.3%		4.47%	
Chloromethane	<50.0 ug/L	96.1%	/ NA	96.2%	/ 95.3%		0.971%	
cis-1,2-Dichloroethene	<5.00 ug/L	99.6%	/ NA	107%	/ 104%		2.94%	
cis-1,3-Dichloropropene	<5.00 ug/L	109%	/ NA	98.4%	/ 100%		1.74%	
Dibromomethane	<5.00 ug/L	98.0%	/ NA	95.9%	/ 100%		4.64%	

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: October 2018
Date Received: 31-Oct-18 10:23

QUALITY CONTROL RESULTS

Volatiles -- Batch: B810475 (Water)

Prepared: 31-Oct-18 09:51 By: CT -- Analyzed: 31-Oct-18 22:05 By: ct

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Dichlorodifluoromethane	<50.0 ug/L	89.2% / NA	101% / 97.7%		3.24%	E2-F
Ethylbenzene	<5.00 ug/L	95.9% / NA	103% / 101%		1.50%	
Hexachlorobutadiene	<5.00 ug/L	105% / NA	105% / 105%		0.495%	
Isopropylbenzene	<50.0 ug/L	100% / NA	104% / 104%		0.231%	
Methylene Chloride	<20.0 ug/L	89.2% / NA	95.1% / 90.4%		5.13%	
Methyl-tert-Butyl Ether	<5.00 ug/L	98.6% / NA	99.0% / 101%		2.47%	
Naphthalene	<5.00 ug/L	89.8% / NA	89.6% / 94.2%		4.99%	
n-Butylbenzene	<5.00 ug/L	97.6% / NA	103% / 106%		2.86%	
n-Propylbenzene	<5.00 ug/L	99.8% / NA	110% / 106%		3.18%	
p-Isopropyltoluene	<5.00 ug/L	96.1% / NA	103% / 96.7%		6.18%	
sec-Butylbenzene	<5.00 ug/L	92.2% / NA	108% / 104%		4.60%	
Styrene	<5.00 ug/L	97.5% / NA	103% / 99.8%		3.52%	
tert-Butylbenzene	<5.00 ug/L	92.9% / NA	106% / 98.4%		7.52%	
Tetrachloroethene	<5.00 ug/L	104% / NA	103% / 99.0%		4.07%	
Toluene	<5.00 ug/L	95.3% / NA	100% / 99.1%		1.28%	
trans-1,2-Dichloroethene	<5.00 ug/L	96.0% / NA	105% / 103%		2.03%	
trans-1,3-Dichloropropene	<5.00 ug/L	98.8% / NA	92.1% / 92.9%		0.876%	
Trichloroethene	<5.00 ug/L	95.5% / NA	98.9% / 99.2%		0.333%	
Trichlorofluoromethane	<50.0 ug/L	93.9% / NA	108% / 107%		0.915%	
Vinyl chloride	<2.00 ug/L	96.2% / NA	104% / 101%		3.12%	
1,2-Dichloroethane-d4 [surr]	103 %	100% / NA	103% / 98.4%		NA	
4-Bromofluorobenzene [surr]	101 %	92.2% / NA	102% / 95.8%		NA	
Toluene-d8 [surr]	97.1 %	96.3% / NA	95.8% / 95.6%		NA	

Anions -- Batch: B810478 (Water)

Prepared: 01-Nov-18 07:30 By: MB -- Analyzed: 01-Nov-18 15:10 By: MB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chloride	<0.500 mg/L	98.3% / NA	105% / 105%		0.0262%	
Sulfate as SO4	<0.500 mg/L	102% / NA	100% / 99.9%		0.189%	

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QUALITY CONTROL RESULTS**Total Metals -- Batch: B811004 (Water)**

Prepared: 01-Nov-18 10:30 By: ST -- Analyzed: 01-Nov-18 14:52 By: ST

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Antimony	<0.036 mg/L	108% / NA	104% / 107%		2.56%	
Arsenic	<0.0235 mg/L	103% / NA	101% / 104%		2.94%	
Barium	<0.00728 mg/L	110% / NA	100% / 103%		2.46%	
Beryllium	0.000271 mg/L	102% / NA	99.1% / 101%		2.37%	J
Cadmium	<0.00120 mg/L	107% / NA	103% / 106%		2.56%	
Chromium	<0.0125 mg/L	109% / NA	103% / 105%		2.37%	
Cobalt	<0.0135 mg/L	109% / NA	97.4% / 99.9%		2.49%	
Copper	0.00128 mg/L	107% / NA	94.8% / 97.1%		2.35%	J
Iron	<0.125 mg/L	107% / NA	100% / 102%		1.58%	
Lead	<0.0156 mg/L	110% / NA	99.2% / 101%		2.26%	
Manganese	<0.0104 mg/L	110% / NA	100% / 103%		2.58%	
Nickel	<0.010 mg/L	108% / NA	97.1% / 99.4%		2.36%	
Selenium	<0.0520 mg/L	100% / NA	105% / 110%		4.64%	
Silver	<0.0208 mg/L	109% / NA	98.7% / 102%		3.15%	
Thallium	<0.073 mg/L	107% / NA	95.8% / 98.3%		2.58%	
Tin	<0.728 mg/L	105% / NA	101% / 104%		2.67%	J
Vanadium	<0.021 mg/L	102% / NA	99.6% / 102%		2.49%	
Zinc	0.00598 mg/L	105% / NA	101% / 104%		3.24%	J

Wet Chemistry -- Batch: B811009 (Water)

Prepared: 02-Nov-18 07:10 By: HF -- Analyzed: 02-Nov-18 07:10 By: HF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TDS	<5.00 mg/L	109% / 103%	NA / NA		5.49%	

Wet Chemistry -- Batch: B811010 (Water)

Prepared: 01-Nov-18 11:24 By: SP -- Analyzed: 01-Nov-18 11:24 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TOC	<1.00 mg/L	92.8% / NA	93.6% / 86.2%		3.43%	

Wet Chemistry -- Batch: B811017 (Water)

Prepared: 31-Oct-18 07:55 By: EP -- Analyzed: 31-Oct-18 07:55 By: EP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Sulfide	<0.100 mg/L	88.5% / NA	62.0% / 63.0%		1.44%	

Total Metals -- Batch: B811019 (Water)

Prepared: 02-Nov-18 08:02 By: SP -- Analyzed: 02-Nov-18 14:27 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Mercury	<0.000200 mg/L	101% / NA	97.1% / 97.9%		0.733%	

08 November 2018

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
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QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B811033 (Water)

Prepared: 01-Nov-18 07:30 By: EP -- Analyzed: 01-Nov-18 07:30 By: EP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.010 mg/L	117% / NA	105% / 113%		7.34%	

Wet Chemistry -- Batch: B811055 (Water)

Prepared: 05-Nov-18 11:10 By: HF -- Analyzed: 05-Nov-18 11:10 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TDS	<5.00 mg/L	103% / 108%	NA / NA		4.72%	

Wet Chemistry -- Batch: B811085 (Water)

Prepared: 07-Nov-18 13:05 By: HF -- Analyzed: 07-Nov-18 13:05 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TDS	<5.00 mg/L	110% / 97.7%	NA / NA		11.6%	

QUALIFIER(S)

*E21: Estimated Result; This Analyte failed (low) in the CCV.

*E2-F: Second Source Verification Failure

*J: Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

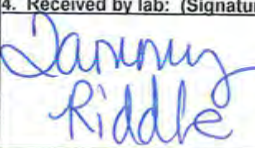
Norma James / Teresa Coins

Norma James and/or Teresa Coins
Technical Director and/or QA Officer



8100 National Drive
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION				Project Description		Turnaround Time		Preservation Codes:											
Harbor Environmental & Safety				NABORS Landfill		1 Day (100%)		1. Cool, 6 Degrees Centigrade						4. Thiosulfate for Dechlorination					
8114 Cantrell Rd.; Ste. 350						2 Day (50%)		2. Sulfuric Acid (H ₂ SO ₄), pH < 2						5. Hydrochloric Acid (HCl)					
Little Rock, AR 72227				Reporting Information		3 Day (25%)		3. Nitric Acid (HNO ₃), pH < 2						6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Tom Huetter				Telephone: 501-663-8800		5 Day (Routine)		TEST PARAMETERS										Bottle Type Code	
				Email: thuetter@harborenv.com		Preservative Code:		1	1	1,6	1,6 Zn Acetate	1,5	1,3				G = Glass; P = Plastic		
						Bottle Type:		GV	P	P	P	GV	P				V = Septum; A = Amber		
 Sampler(s) Signature				THOMAS A. HUETTER Sampler(s) Printed				Volatiles Chloride, Sulfate, TDS Cyanide Sulfide TOC Sb, As, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Ni, Se, Ag, Ti, Sn, V, Zn										Arkansas Analytical Work Order Number:	
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		Volatiles	Chloride, Sulfate, TDS	Cyanide	Sulfide	TOC						
CAO-3	10/24/13	1210	X		10	✓		X	X	X	X	X	X				1810414		
CAO-1	"	1521															01		
MW-1R	"	1627															02		
MW-1	"	1749															03		
EB-5	"	1804															04		
NE-4	10/30/13	0929															05		
NE-2	"	1001					Cl, SO ₄ , TDS - 1/4 Full	X	X	X	X	X	X				06		
MW-2	"	1300						X	X	X	X	X	X				07		
NAB-3	"	1327					Cl, SO ₄ , TDS, CN EMPTY	X			X	X	X				08		
EB-6	"	1405						X	X	X	X	X	X				09		
																	10		
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS					
			10/31/13					1. CUSTODY SEALS: Yes ☒ No ☐ 2. CONTAINERS CORRECT: Yes ☒ No ☐ 3. COC/LABELS AGREE: Yes ☒ No ☐ 4. RECEIVED ON ICE: Yes ☒ No ☐ 5. TEMPERATURE ON RECEIPT: 4 °C 6. TEMPERATURE GUN ID: HHT# 2						Lab checked for analysis per Email with T. Huetter. Tr 10/31/13					
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY											
			10-31-13 D23																

[illegible]



8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

26 November 2018

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205

Project: NABORS Landfill Sample(s)
Project Number: November 2018
SDG Number: 1811040

Enclosed are the results of analyses for samples received by the laboratory on 05-Nov-18 09:00. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	6.0°C

Sincerely,

A handwritten signature in blue ink, appearing to read "Norma James / Teresa Coins".

Norma James and/or Teresa Coins
Technical Director and/or QA Officer

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26 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: November 2018
Date Received: 05-Nov-18 09:00

CASE NARRATIVE

Sample Delivery Group – 1811040

One OR more of the qualifiers described below may appear in this report. Qualifiers in RED apply to this SDG (Sample Delivery Group).

ANALYTICAL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
EDL	Result was non-detect at an elevated detection limit due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume.
EX	Result exceeds DAILY MAXIMUM and/or MONTHLY AVERAGE.
EX2	The result exceeds the TCLP limit.
J	At client request, J-Values are reported. J-Values are considered "estimated" results as they are below the limit of quantitation yet above the method detection limit (MDL).
N	Insufficient sample volume received as required by the method.
T40	The ambient temperature exceeded 23 +/- 2°C during the TCLP rotation process.

Tom Huetter
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Project: NABORS Landfill Sample(s)
Project Number: November 2018
Date Received: 05-Nov-18 09:00

ANALYTICAL RESULTS

Lab Number: 1811040-01
Sample Name: NAB-4
Date/Time Collected: 11/2/18 12:40
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	4.38		11/7/18 10:10	B811080	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	43.9		11/12/18 8:23	B811080	EPA 300.0, 2.1-1993
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	mg/L	< 0.036		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Arsenic	mg/L	0.00696	J	11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Barium	mg/L	0.0435		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Beryllium	mg/L	< 0.000624		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Cadmium	mg/L	0.00133		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Chromium	mg/L	< 0.0125		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Cobalt	mg/L	< 0.0135		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Copper	mg/L	< 0.005		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Iron	mg/L	0.176		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Lead	mg/L	< 0.0156		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Manganese	mg/L	0.00745	J	11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Mercury	mg/L	< 0.000200		11/6/18 13:52	B811089	SW7470A/EPA245.1,3.0- 1994
Nickel	mg/L	0.015		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Selenium	mg/L	< 0.0520		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Silver	mg/L	< 0.0208		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Thallium	mg/L	< 0.073		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Tin	mg/L	< 0.728		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Vanadium	mg/L	< 0.021		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
Zinc	mg/L	1.12		11/5/18 13:08	B811068	SW 6010C Rev 3 (2007)
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/8/18 8:39	B811103	SM 4500-CN B,E-2011
Sulfide	mg/L	< 0.100		11/8/18 8:42	B811104	SM 4500-S2 D-2011
TDS	mg/L	501		11/8/18 9:00	B811134	SM 2540 C-2011
TOC	mg/L	1.07		11/5/18 8:09	B811067	SM 5310 B-2011

26 November 2018



Tom Huetter
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Project: NABORS Landfill Sample(s)
Project Number: November 2018
Date Received: 05-Nov-18 09:00

ANALYTICAL RESULTS

Lab Number: 1811040-02
Sample Name: NAB-8
Date/Time Collected: 11/2/18 13:09
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chloride	mg/L	3.21		11/7/18 10:34	B811080	EPA 300.0, 2.1-1993
Sulfate as SO4	mg/L	15.2		11/12/18 8:47	B811080	EPA 300.0, 2.1-1993
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		11/8/18 8:39	B811103	SM 4500-CN B,E-2011
TDS	mg/L	377		11/8/18 9:00	B811134	SM 2540 C-2011

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: November 2018
Date Received: 05-Nov-18 09:00

QUALITY CONTROL RESULTS**Wet Chemistry -- Batch: B811067 (Water)**

Prepared: 05-Nov-18 08:09 By: SP -- Analyzed: 05-Nov-18 08:09 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TOC	<1.00 mg/L	93.3% / NA	90.8% / 90.5%		0.245%	

Total Metals -- Batch: B811068 (Water)

Prepared: 05-Nov-18 09:10 By: ST -- Analyzed: 05-Nov-18 12:22 By: ST

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Antimony	<0.036 mg/L	107% / NA	107% / 106%		1.07%	
Arsenic	<0.0235 mg/L	101% / NA	103% / 102%		0.603%	
Barium	<0.00728 mg/L	110% / NA	101% / 99.7%		1.56%	
Beryllium	<0.000624 mg/L	103% / NA	103% / 102%		1.34%	
Cadmium	<0.00120 mg/L	106% / NA	104% / 103%		1.09%	
Chromium	<0.0125 mg/L	107% / NA	103% / 102%		1.34%	
Cobalt	<0.0135 mg/L	107% / NA	102% / 101%		1.07%	
Copper	<0.005 mg/L	105% / NA	98.2% / 96.5%		1.67%	
Iron	<0.125 mg/L	107% / NA	103% / 103%		0.225%	
Lead	<0.0156 mg/L	109% / NA	101% / 100%		1.08%	
Manganese	<0.0104 mg/L	106% / NA	99.0% / 97.8%		1.13%	
Nickel	<0.010 mg/L	108% / NA	103% / 101%		1.75%	
Selenium	<0.0520 mg/L	98.3% / NA	98.8% / 99.2%		0.391%	
Silver	<0.0208 mg/L	106% / NA	99.1% / 97.5%		1.60%	
Thallium	<0.073 mg/L	104% / NA	93.1% / 92.2%		0.893%	
Tin	<0.728 mg/L	103% / NA	98.3% / 96.6%		1.69%	J
Vanadium	<0.021 mg/L	101% / NA	102% / 101%		1.23%	
Zinc	0.00583 mg/L	103% / NA	103% / 102%		0.925%	J

Anions -- Batch: B811080 (Water)

Prepared: 06-Nov-18 07:30 By: MB -- Analyzed: 06-Nov-18 10:24 By: MB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chloride	<0.500 mg/L	90.8% / NA	91.4% / 91.1%		0.254%	
Sulfate as SO4	<0.500 mg/L	90.0% / NA	94.3% / 93.5%		0.546%	

Total Metals -- Batch: B811089 (Water)

Prepared: 06-Nov-18 10:51 By: SP -- Analyzed: 06-Nov-18 13:52 By: SP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Mercury	<0.000200 mg/L	90.7% / NA	95.7% / 95.7%		0.00%	

Wet Chemistry -- Batch: B811103 (Water)

Prepared: 07-Nov-18 09:11 By: EP -- Analyzed: 08-Nov-18 08:39 By: EP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Cyanide (total)	<0.010 mg/L	118% / NA	105% / 117%		10.8%	

26 November 2018



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Sample(s)
Project Number: November 2018
Date Received: 05-Nov-18 09:00

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B811104 (Water)

Prepared: 07-Nov-18 09:14 By: EP -- Analyzed: 08-Nov-18 09:09 By: EP

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Sulfide	<0.100 mg/L	142% / NA	133% / 136%		1.86%	

Wet Chemistry -- Batch: B811134 (Water)

Prepared: 08-Nov-18 09:00 By: HF -- Analyzed: 08-Nov-18 09:00 By: HF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TDS	<5.00 mg/L	98.6% / 100%	NA / NA		1.85%	

QUALIFIER(S)

*J: Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

All Analysis performed according to EPA approved methodology when available:

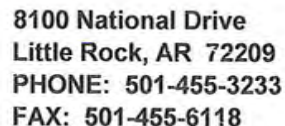
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James / Teresa Coins

Norma James and/or Teresa Coins
Technical Director and/or QA Officer



CHAIN OF CUSTODY RECORD

Revision 3
1/4/16



8100 National Dr.
Little Rock, AR 72209
501-455-3233
fax – 501-455-6118

**PLEASE FIND ATTACHED RESULTS FOR
SUBCONTRACTED ANALYSIS.**

SUBCONTRACTED ANALYSIS:

Volatiles

SUBCONTRACT LAB:

American Interplex

AR ANALYTICAL SDG NUMBER:

1811040-01 (NAB-4)

1811040-03 (TB)



November 21, 2018
Control No. 228527
Page 1 of 19

Arkansas Analytical, Inc.
ATTN: Ms. Norma James
8100 National Dr.
Little Rock, AR 72209

This report contains the analytical results and supporting information for samples received on November 6, 2018. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Chief Operating Officer or a qualified designee.

John Overbey
Chief Operating Officer

This document has been distributed to the following:

PDF cc: Arkansas Analytical, Inc.
ATTN: Ms. Sydney James
sjames@arkansasanalytical.com

Arkansas Analytical, Inc.
ATTN: Ms. Norma James
njames@arkansasanalytical.com



Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on November 6, 2018
1811040
Volatiles Samples

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.
Ice chest #1 was delivered with a custody seal intact and signed

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
228527-1	1811040-01-NAB-4	02-Nov-2018 1240	
228527-2	1811040-03-TB	05-Nov-2018 0900	

Qualifiers:

Q Analyte is not within quality control limits

Case Narrative:

Matrix spike is not available for Volatile Organic Compounds due to limited sample submitted.

The high recovery for 2,2-Dichloropropane in the Volatile Organic Compounds Laboratory Control Sample does not impact sample results as the recovery for 2,2-Dichloropropane is high and the samples are non-detect.

References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
"Standard Methods for the Examination of Water and Wastewaters", (SM).
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

ANALYTICAL RESULTS

AIC No. 228527-1

Sample Identification: 1811040-01-NAB-4 02-Nov-2018 1240

Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D					
Acetone		< 6.7	6.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Benzene		< 0.70	0.70	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Bromobenzene		< 0.72	0.72	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Bromochloromethane		< 2.5	2.5	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Bromodichloromethane		< 1.1	1.1	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Bromoform		< 1.9	1.9	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Bromomethane		< 2.4	2.4	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
2-Butanone		< 7.3	7.3	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Carbon disulfide		< 4.6	4.6	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Carbon tetrachloride		< 1.7	1.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Chlorobenzene		< 2.8	2.8	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Chloroethane		< 1.7	1.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
2-Chloroethyl vinyl ether		< 4.7	4.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Chloroform		< 1.2	1.2	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Chloromethane		< 1.4	1.4	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
2-Chlorotoluene		< 0.74	0.74	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
4-Chlorotoluene		< 0.74	0.74	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
1,2-Dibromo-3-chloropropane		< 2.0	2.0	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Dibromochloromethane		< 2.7	2.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
1,2-Dibromoethane		< 0.87	0.87	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	

Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

ANALYTICAL RESULTS

AIC No. 228527-1 (Continued)

Sample Identification: 1811040-01-NAB-4 02-Nov-2018 1240

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D (Continued)				
Dibromomethane EPA 5030C, 8260D	< 0.71	0.71	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,2-Dichlorobenzene EPA 5030C, 8260D	< 0.96	0.96	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,3-Dichlorobenzene EPA 5030C, 8260D	< 0.58	0.58	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,4-Dichlorobenzene EPA 5030C, 8260D	< 0.70	0.70	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Dichlorodifluoromethane EPA 5030C, 8260D	< 0.94	0.94	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,1-Dichloroethane EPA 5030C, 8260D	< 1.5	1.5	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,2-Dichloroethane EPA 5030C, 8260D	< 0.70	0.70	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,1-Dichloroethene EPA 5030C, 8260D	< 2.4	2.4	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
cis-1,2-Dichloroethene EPA 5030C, 8260D	< 0.68	0.68	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
trans-1,2-Dichloroethene EPA 5030C, 8260D	< 1.1	1.1	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,2-Dichloropropane EPA 5030C, 8260D	< 0.87	0.87	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,3-Dichloropropane EPA 5030C, 8260D	< 0.83	0.83	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
2,2-Dichloropropane EPA 5030C, 8260D	< 1.9	1.9	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,1-Dichloropropene EPA 5030C, 8260D	< 0.73	0.73	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
cis-1,3-Dichloropropene EPA 5030C, 8260D	< 2.7	2.7	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
trans-1,3-Dichloropropene EPA 5030C, 8260D	< 2.3	2.3	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Ethylbenzene EPA 5030C, 8260D	< 0.66	0.66	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Hexachlorobutadiene EPA 5030C, 8260D	< 0.88	0.88	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
2-Hexanone EPA 5030C, 8260D	< 6.3	6.3	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Isopropylbenzene EPA 5030C, 8260D	< 0.69	0.69	ug/l	
	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	

Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

ANALYTICAL RESULTS

AIC No. 228527-1 (Continued)

Sample Identification: 1811040-01-NAB-4 02-Nov-2018 1240

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D (Continued)				
m&p-Xylenes	< 1.5	1.5	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
4-Methyl-2-pentanone	< 6.6	6.6	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Methylene chloride	< 4.9	4.9	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
n-Butylbenzene	< 0.87	0.87	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
n-Propylbenzene	< 0.59	0.59	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Naphthalene	< 0.88	0.88	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
o-Xylene	< 0.75	0.75	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
p-Isopropyltoluene	< 0.39	0.39	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
sec-Butylbenzene	< 0.61	0.61	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Styrene	< 0.74	0.74	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
tert-Butylbenzene	< 0.54	0.54	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,1,1,2-Tetrachloroethane	< 2.1	2.1	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,1,1,2-Tetrachloroethane	< 0.97	0.97	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Tetrachloroethene	< 2.4	2.4	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Toluene	< 0.84	0.84	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,2,3-Trichlorobenzene	< 0.54	0.54	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,2,4-Trichlorobenzene	< 0.81	0.81	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,1,1-Trichloroethane	< 1.2	1.2	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
1,1,2-Trichloroethane	< 1.3	1.3	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	
Trichloroethene	< 1.5	1.5	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271	Batch: V9529	

Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

ANALYTICAL RESULTS

AIC No. 228527-1 (Continued)

Sample Identification: 1811040-01-NAB-4 02-Nov-2018 1240

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D (Continued)				
Trichlorofluoromethane EPA 5030C, 8260D	< 2.6	2.6	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
1,2,3-Trichloropropane EPA 5030C, 8260D	< 1.3	1.3	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
1,2,4-Trimethylbenzene EPA 5030C, 8260D	< 0.93	0.93	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
1,3,5-Trimethylbenzene EPA 5030C, 8260D	< 0.46	0.46	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Vinyl acetate EPA 5030C, 8260D	< 3.9	3.9	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Vinyl chloride EPA 5030C, 8260D	< 0.34	0.34	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 5030C, 8260D	99.2		%	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Surrogate: Dibromofluoromethane (85.0-115%) EPA 5030C, 8260D	98.8		%	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	
Surrogate: Toluene-D8 (85.0-120%) EPA 5030C, 8260D	100		%	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1343 by 271		Batch: V9529	

AIC No. 228527-2

Sample Identification: 1811040-03-TB 05-Nov-2018 0900

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D				
Acetone EPA 5030C, 8260D	< 6.7	6.7	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Benzene EPA 5030C, 8260D	< 0.70	0.70	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Bromobenzene EPA 5030C, 8260D	< 0.72	0.72	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Bromochloromethane EPA 5030C, 8260D	< 2.5	2.5	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Bromodichloromethane EPA 5030C, 8260D	< 1.1	1.1	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Bromoform EPA 5030C, 8260D	< 1.9	1.9	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Bromomethane EPA 5030C, 8260D	< 2.4	2.4	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
2-Butanone EPA 5030C, 8260D	< 7.3	7.3	ug/l	
Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	

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ANALYTICAL RESULTS

AIC No. 228527-2 (Continued)

Sample Identification: 1811040-03-TB 05-Nov-2018 0900

Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D (Continued)					
Carbon disulfide		< 4.6	4.6	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Carbon tetrachloride		< 1.7	1.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Chlorobenzene		< 2.8	2.8	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Chloroethane		< 1.7	1.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
2-Chloroethyl vinyl ether		< 4.7	4.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Chloroform		< 1.2	1.2	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Chloromethane		< 1.4	1.4	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
2-Chlorotoluene		< 0.74	0.74	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
4-Chlorotoluene		< 0.74	0.74	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2-Dibromo-3-chloropropane		< 2.0	2.0	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Dibromochloromethane		< 2.7	2.7	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2-Dibromoethane		< 0.87	0.87	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Dibromomethane		< 0.71	0.71	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2-Dichlorobenzene		< 0.96	0.96	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,3-Dichlorobenzene		< 0.58	0.58	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,4-Dichlorobenzene		< 0.70	0.70	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Dichlorodifluoromethane		< 0.94	0.94	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,1-Dichloroethane		< 1.5	1.5	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2-Dichloroethane		< 0.70	0.70	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,1-Dichloroethene		< 2.4	2.4	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	

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ANALYTICAL RESULTS

AIC No. 228527-2 (Continued)

Sample Identification: 1811040-03-TB 05-Nov-2018 0900

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D (Continued)				
cis-1,2-Dichloroethene EPA 5030C, 8260D	< 0.68 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.68	ug/l Batch: V9529	
trans-1,2-Dichloroethene EPA 5030C, 8260D	< 1.1 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	1.1	ug/l Batch: V9529	
1,2-Dichloropropane EPA 5030C, 8260D	< 0.87 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.87	ug/l Batch: V9529	
1,3-Dichloropropane EPA 5030C, 8260D	< 0.83 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.83	ug/l Batch: V9529	
2,2-Dichloropropane EPA 5030C, 8260D	< 1.9 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	1.9	ug/l Batch: V9529	
1,1-Dichloropropene EPA 5030C, 8260D	< 0.73 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.73	ug/l Batch: V9529	
cis-1,3-Dichloropropene EPA 5030C, 8260D	< 2.7 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	2.7	ug/l Batch: V9529	
trans-1,3-Dichloropropene EPA 5030C, 8260D	< 2.3 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	2.3	ug/l Batch: V9529	
Ethylbenzene EPA 5030C, 8260D	< 0.66 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.66	ug/l Batch: V9529	
Hexachlorobutadiene EPA 5030C, 8260D	< 0.88 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.88	ug/l Batch: V9529	
2-Hexanone EPA 5030C, 8260D	< 6.3 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	6.3	ug/l Batch: V9529	
Isopropylbenzene EPA 5030C, 8260D	< 0.69 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.69	ug/l Batch: V9529	
m&p-Xylenes EPA 5030C, 8260D	< 1.5 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	1.5	ug/l Batch: V9529	
4-Methyl-2-pentanone EPA 5030C, 8260D	< 6.6 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	6.6	ug/l Batch: V9529	
Methylene chloride EPA 5030C, 8260D	< 4.9 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	4.9	ug/l Batch: V9529	
n-Butylbenzene EPA 5030C, 8260D	< 0.87 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.87	ug/l Batch: V9529	
n-Propylbenzene EPA 5030C, 8260D	< 0.59 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.59	ug/l Batch: V9529	
Naphthalene EPA 5030C, 8260D	< 0.88 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.88	ug/l Batch: V9529	
o-Xylene EPA 5030C, 8260D	< 0.75 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.75	ug/l Batch: V9529	
p-Isopropyltoluene EPA 5030C, 8260D	< 0.39 Prep: 09-Nov-2018 0824 by 271 Analyzed: 09-Nov-2018 1440 by 271	0.39	ug/l Batch: V9529	

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ANALYTICAL RESULTS

AIC No. 228527-2 (Continued)

Sample Identification: 1811040-03-TB 05-Nov-2018 0900

Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D (Continued)					
sec-Butylbenzene		< 0.61	0.61	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Styrene		< 0.74	0.74	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
tert-Butylbenzene		< 0.54	0.54	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,1,1,2-Tetrachloroethane		< 2.1	2.1	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,1,2,2-Tetrachloroethane		< 0.97	0.97	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Tetrachloroethene		< 2.4	2.4	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Toluene		< 0.84	0.84	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2,3-Trichlorobenzene		< 0.54	0.54	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2,4-Trichlorobenzene		< 0.81	0.81	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,1,1-Trichloroethane		< 1.2	1.2	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,1,2-Trichloroethane		< 1.3	1.3	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Trichloroethene		< 1.5	1.5	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Trichlorofluoromethane		< 2.6	2.6	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2,3-Trichloropropane		< 1.3	1.3	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,2,4-Trimethylbenzene		< 0.93	0.93	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
1,3,5-Trimethylbenzene		< 0.46	0.46	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Vinyl acetate		< 3.9	3.9	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Vinyl chloride		< 0.34	0.34	ug/l	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Surrogate: 4-Bromofluorobenzene (75.0-120%)		101		%	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	
Surrogate: Dibromofluoromethane (85.0-115%)		101		%	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271		Batch: V9529	



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ANALYTICAL RESULTS

AIC No. 228527-2 (Continued)

Sample Identification: 1811040-03-TB 05-Nov-2018 0900

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5030C, 8260D (Continued)				
Surrogate: Toluene-D8 (85.0-120%)	100		%	
EPA 5030C, 8260D	Prep: 09-Nov-2018 0824 by 271	Analyzed: 09-Nov-2018 1440 by 271	Batch: V9529	

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	DII	Qual
Volatile Organic Compounds								
Acetone	228527-1	< 6.7 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 6.7 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Benzene	228527-1	< 0.70 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.70 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Bromobenzene	228527-1	< 0.72 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.72 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Bromochloromethane	228527-1	< 2.5 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.5 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Bromodichloromethane	228527-1	< 1.1 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.1 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Bromoform	228527-1	< 1.9 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.9 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Bromomethane	228527-1	< 2.4 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.4 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
2-Butanone	228527-1	< 7.3 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 7.3 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Carbon disulfide	228527-1	< 4.6 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 4.6 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Carbon tetrachloride	228527-1	< 1.7 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.7 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Chlorobenzene	228527-1	< 2.8 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.8 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Chloroethane	228527-1	< 1.7 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.7 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
2-Chloroethyl vinyl ether	228527-1	< 4.7 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 4.7 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Chloroform	228527-1	< 1.2 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.2 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Chloromethane	228527-1	< 1.4 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.4 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
2-Chlorotoluene	228527-1	< 0.74 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.74 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
4-Chlorotoluene	228527-1	< 0.74 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.74 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2-Dibromo-3-chloropropane	228527-1	< 2.0 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.0 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Dibromochloromethane	228527-1	< 2.7 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.7 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2-Dibromoethane	228527-1	< 0.87 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.87 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Dibromomethane	228527-1	< 0.71 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.71 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2-Dichlorobenzene	228527-1	< 0.96 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.96 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,3-Dichlorobenzene	228527-1	< 0.58 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.58 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
1,4-Dichlorobenzene	228527-1	< 0.70 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.70 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Dichlorodifluoromethane	228527-1	< 0.94 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.94 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,1-Dichloroethane	228527-1	< 1.5 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 1.5 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2-Dichloroethane	228527-1	< 0.70 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.70 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,1-Dichloroethene	228527-1	< 2.4 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 2.4 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
cis-1,2-Dichloroethene	228527-1	< 0.68 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.68 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
trans-1,2-Dichloroethene	228527-1	< 1.1 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 1.1 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2-Dichloropropane	228527-1	< 0.87 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.87 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,3-Dichloropropane	228527-1	< 0.83 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.83 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
2,2-Dichloropropane	228527-1	< 1.9 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 1.9 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,1-Dichloropropene	228527-1	< 0.73 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.73 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
cis-1,3-Dichloropropene	228527-1	< 2.7 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 2.7 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
trans-1,3-Dichloropropene	228527-1	< 2.3 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 2.3 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Ethylbenzene	228527-1	< 0.66 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.66 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Hexachlorobutadiene	228527-1	< 0.88 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.88 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
2-Hexanone	228527-1	< 6.3 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 6.3 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Isopropylbenzene	228527-1	< 0.69 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.69 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
m&p-Xylenes	228527-1	< 1.5 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 1.5 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
4-Methyl-2-pentanone	228527-1	< 6.6 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 6.6 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Methylene chloride	228527-1	< 4.9 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 4.9 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
n-Butylbenzene	228527-1	< 0.87 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.87 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
n-Propylbenzene	228527-1	< 0.59 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.59 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Naphthalene	228527-1	< 0.88 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.88 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
o-Xylene	228527-1	< 0.75 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
Batch: V9529	Duplicate	< 0.75 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)								
p-Isopropyltoluene	228527-1	< 0.39 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.39 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
sec-Butylbenzene	228527-1	< 0.61 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.61 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Styrene	228527-1	< 0.74 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.74 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
tert-Butylbenzene	228527-1	< 0.54 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.54 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,1,1,2-Tetrachloroethane	228527-1	< 2.1 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.1 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,1,2,2-Tetrachloroethane	228527-1	< 0.97 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.97 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Tetrachloroethene	228527-1	< 2.4 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.4 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Toluene	228527-1	< 0.84 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.84 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2,3-Trichlorobenzene	228527-1	< 0.54 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.54 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2,4-Trichlorobenzene	228527-1	< 0.81 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.81 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,1,1-Trichloroethane	228527-1	< 1.2 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.2 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,1,2-Trichloroethane	228527-1	< 1.3 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.3 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Trichloroethene	228527-1	< 1.5 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.5 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Trichlorofluoromethane	228527-1	< 2.6 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 2.6 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2,3-Trichloropropane	228527-1	< 1.3 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 1.3 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,2,4-Trimethylbenzene	228527-1	< 0.93 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.93 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
1,3,5-Trimethylbenzene	228527-1	< 0.46 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.46 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Vinyl acetate	228527-1	< 3.9 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 3.9 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
Vinyl chloride	228527-1	< 0.34 ug/l			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	< 0.34 ug/l	0.00	30.0	09Nov18 0824 by 271	09Nov18 1411 by 271		
4-Bromofluorobenzene (75.0-120%)	228527-1	99.2 %			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	99.2 %			09Nov18 0824 by 271	09Nov18 1411 by 271		
Dibromofluoromethane (85.0-115%)	228527-1	98.8 %			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	98.5 %			09Nov18 0824 by 271	09Nov18 1411 by 271		
Toluene-D8 (85.0-120%)	228527-1	100 %			09Nov18 0824 by 271	09Nov18 1343 by 271		
	Batch: V9529 Duplicate	101 %			09Nov18 0824 by 271	09Nov18 1411 by 271		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds										
Acetone	40 ug/l	112	40.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	98.9	40.0-140	12.0	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Benzene	20 ug/l	107	80.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	108	80.0-120	0.419	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Bromobenzene	20 ug/l	100	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	104	75.0-125	3.29	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Bromochloromethane	20 ug/l	101	65.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	108	65.0-130	6.67	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Bromodichloromethane	20 ug/l	102	75.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	75.0-120	3.18	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Bromoform	20 ug/l	97.4	70.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	108	70.0-130	9.95	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Bromomethane	20 ug/l	126	30.0-145			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	118	30.0-145	6.71	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
2-Butanone	40 ug/l	89.5	30.0-150			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	93.8	30.0-150	4.64	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Carbon disulfide	40 ug/l	107	35.0-160			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	107	35.0-160	0.117	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Carbon tetrachloride	20 ug/l	103	65.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	104	65.0-140	0.674	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Chlorobenzene	20 ug/l	100	80.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	104	80.0-120	3.97	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Chloroethane	20 ug/l	98.5	60.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	102	60.0-135	3.69	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
2-Chloroethyl vinyl ether	40 ug/l	93.1	57.3-117			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	74.2	57.3-117	22.6	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Chloroform	20 ug/l	105	65.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	107	65.0-135	1.70	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Chloromethane	20 ug/l	109	40.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	112	40.0-125	2.22	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
2-Chlorotoluene	20 ug/l	98.2	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	100	75.0-125	2.16	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
4-Chlorotoluene	20 ug/l	99.2	75.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	102	75.0-130	3.32	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2-Dibromo-3-chloropropane	20 ug/l	83.7	50.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	103	50.0-130	20.4	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Dibromochloromethane	20 ug/l	96.7	60.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	60.0-135	8.13	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2-Dibromoethane	20 ug/l	95.4	80.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	104	80.0-120	8.86	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Dibromomethane	20 ug/l	101	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	106	75.0-125	4.93	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2-Dichlorobenzene	20 ug/l	100	70.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	104	70.0-120	4.16	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,3-Dichlorobenzene	20 ug/l	103	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	75.0-125	2.16	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
1,4-Dichlorobenzene	20 ug/l	102	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	75.0-125	3.00	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Dichlorodifluoromethane	20 ug/l	100	30.0-155			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	30.0-155	4.76	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,1-Dichloroethane	20 ug/l	98.6	70.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	103	70.0-135	4.66	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2-Dichloroethane	20 ug/l	97.6	70.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	103	70.0-130	5.14	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,1-Dichloroethene	20 ug/l	101	70.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	103	70.0-130	1.52	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
cis-1,2-Dichloroethene	20 ug/l	103	70.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	70.0-125	2.02	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
trans-1,2-Dichloroethene	20 ug/l	105	60.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	103	60.0-140	2.50	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2-Dichloropropane	20 ug/l	99.6	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	75.0-125	4.85	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,3-Dichloropropane	20 ug/l	100	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	75.0-125	4.96	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
2,2-Dichloropropane	20 ug/l	158	70.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		Q
	20 ug/l	158	70.0-135	0.0317	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		Q
1,1-Dichloropropene	20 ug/l	107	75.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	108	75.0-130	0.789	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
cis-1,3-Dichloropropene	20 ug/l	110	70.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	113	70.0-130	2.38	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
trans-1,3-Dichloropropene	20 ug/l	106	55.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	109	55.0-140	2.61	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Ethylbenzene	20 ug/l	96.0	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	97.9	75.0-125	1.91	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Hexachlorobutadiene	20 ug/l	111	50.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	114	50.0-140	2.72		V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
2-Hexanone	40 ug/l	74.6	55.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	88.9	55.0-130	17.5	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Isopropylbenzene	20 ug/l	96.6	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	97.2	75.0-125	0.567	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
m&p-Xylenes	40 ug/l	94.8	75.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	95.7	75.0-130	0.919	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
4-Methyl-2-pentanone	40 ug/l	72.2	60.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	93.0	60.0-135	25.3	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Methylene chloride	20 ug/l	105	55.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	110	55.0-140	4.87	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
n-Butylbenzene	20 ug/l	95.3	70.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	97.6	70.0-135	2.33	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
n-Propylbenzene	20 ug/l	93.1	70.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	95.2	70.0-130	2.28	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Naphthalene	20 ug/l	76.3	55.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	87.7	55.0-140	13.9	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
o-Xylene	20 ug/l	90.7	80.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	94.0	80.0-120	3.52	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
p-Isopropyltoluene	20 ug/l	88.6	75.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	92.3	75.0-130	4.09	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
sec-Butylbenzene	20 ug/l	95.8	70.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	97.2	70.0-125	1.40	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Styrene	20 ug/l	94.0	65.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	98.0	65.0-135	4.27	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
tert-Butylbenzene	20 ug/l	91.4	70.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	95.6	70.0-130	4.49	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,1,1,2-Tetrachloroethane	20 ug/l	100	80.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	80.0-130	4.53	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,1,2,2-Tetrachloroethane	20 ug/l	87.9	65.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	99.8	65.0-130	12.6	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Tetrachloroethene	20 ug/l	111	45.0-150			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	110	45.0-150	1.18	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Toluene	20 ug/l	101	75.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	102	75.0-120	0.639	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2,3-Trichlorobenzene	20 ug/l	95.8	55.0-140			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	55.0-140	8.68	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2,4-Trichlorobenzene	20 ug/l	100	65.0-135			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	107	65.0-135	6.04	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,1,1-Trichloroethane	20 ug/l	97.6	65.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	103	65.0-130	5.19	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,1,2-Trichloroethane	20 ug/l	97.0	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	107	75.0-125	9.33	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Trichloroethene	20 ug/l	104	70.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	105	70.0-125	1.29	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Trichlorofluoromethane	20 ug/l	100	60.0-145			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	104	60.0-145	3.53	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2,3-Trichloropropane	20 ug/l	93.4	75.0-125			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	106	75.0-125	12.8	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,2,4-Trimethylbenzene	20 ug/l	90.6	75.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	92.1	75.0-130	1.70	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
1,3,5-Trimethylbenzene	20 ug/l	90.3	75.0-130			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	93.8	75.0-130	3.86	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Vinyl acetate	40 ug/l	86.6	73.9-115			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	40 ug/l	97.2	73.9-115	11.5	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Vinyl chloride	20 ug/l	95.8	50.0-145			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	20 ug/l	103	50.0-145	7.09	30.0	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	103	75.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	50 ug/l	101	75.0-120	-	-	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		
Dibromofluoromethane	50 ug/l	98.2	85.0-115			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	50 ug/l	99.6	85.0-115	-	-	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		



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Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Toluene-D8	50 ug/l	104	85.0-120			V9529	09Nov18 0824 by 271	09Nov18 1152 by 271		
	50 ug/l	102	85.0-120	-	-	V9529	09Nov18 0824 by 271	09Nov18 1219 by 271		

Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Volatile Organic Compounds							
Acetone	< 6.7 ug/l	6.7	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Benzene	< 0.70 ug/l	0.70	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Bromobenzene	< 0.72 ug/l	0.72	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Bromochloromethane	< 2.5 ug/l	2.5	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Bromodichloromethane	< 1.1 ug/l	1.1	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Bromoform	< 1.9 ug/l	1.9	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Bromomethane	< 2.4 ug/l	2.4	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
2-Butanone	< 7.3 ug/l	7.3	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Carbon disulfide	< 4.6 ug/l	4.6	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Carbon tetrachloride	< 1.7 ug/l	1.7	2.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Chlorobenzene	< 2.8 ug/l	2.8	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Chloroethane	< 1.7 ug/l	1.7	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
2-Chloroethyl vinyl ether	< 4.7 ug/l	4.7	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Chloroform	< 1.2 ug/l	1.2	2.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Chloromethane	< 1.4 ug/l	1.4	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
2-Chlorotoluene	< 0.74 ug/l	0.74	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
4-Chlorotoluene	< 0.74 ug/l	0.74	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2-Dibromo-3-chloropropane	< 2.0 ug/l	2.0	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Dibromochloromethane	< 2.7 ug/l	2.7	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2-Dibromoethane	< 0.87 ug/l	0.87	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Dibromomethane	< 0.71 ug/l	0.71	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2-Dichlorobenzene	< 0.96 ug/l	0.96	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,3-Dichlorobenzene	< 0.58 ug/l	0.58	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,4-Dichlorobenzene	< 0.70 ug/l	0.70	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Dichlorodifluoromethane	< 0.94 ug/l	0.94	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,1-Dichloroethane	< 1.5 ug/l	1.5	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2-Dichloroethane	< 0.70 ug/l	0.70	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,1-Dichloroethene	< 2.4 ug/l	2.4	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
cis-1,2-Dichloroethene	< 0.68 ug/l	0.68	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
trans-1,2-Dichloroethene	< 1.1 ug/l	1.1	2.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2-Dichloropropane	< 0.87 ug/l	0.87	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,3-Dichloropropane	< 0.83 ug/l	0.83	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
2,2-Dichloropropane	< 1.9 ug/l	1.9	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,1-Dichloropropene	< 0.73 ug/l	0.73	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
cis-1,3-Dichloropropene	< 2.7 ug/l	2.7	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
trans-1,3-Dichloropropene	< 2.3 ug/l	2.3	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Ethylbenzene	< 0.66 ug/l	0.66	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Hexachlorobutadiene	< 0.88 ug/l	0.88	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
2-Hexanone	< 6.3 ug/l	6.3	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Isopropylbenzene	< 0.69 ug/l	0.69	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
m&p-Xylenes	< 1.5 ug/l	1.5	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
4-Methyl-2-pentanone	< 6.6 ug/l	6.6	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Methylene chloride	< 4.9 ug/l	4.9	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
n-Butylbenzene	< 0.87 ug/l	0.87	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
n-Propylbenzene	< 0.59 ug/l	0.59	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Naphthalene	< 0.88 ug/l	0.88	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
o-Xylene	< 0.75 ug/l	0.75	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
p-Isopropyltoluene	< 0.39 ug/l	0.39	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
sec-Butylbenzene	< 0.61 ug/l	0.61	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	

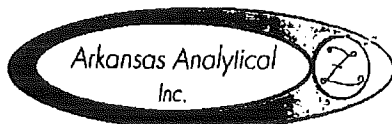


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Arkansas Analytical, Inc.
8100 National Dr.
Little Rock, AR 72209

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Volatile Organic Compounds							
Styrene	< 0.74 ug/l	0.74	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
tert-Butylbenzene	< 0.54 ug/l	0.54	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,1,1,2-Tetrachloroethane	< 2.1 ug/l	2.1	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,1,2,2-Tetrachloroethane	< 0.97 ug/l	0.97	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Tetrachloroethene	< 2.4 ug/l	2.4	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Toluene	< 0.84 ug/l	0.84	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2,3-Trichlorobenzene	< 0.54 ug/l	0.54	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2,4-Trichlorobenzene	< 0.81 ug/l	0.81	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,1,1-Trichloroethane	< 1.2 ug/l	1.2	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,1,2-Trichloroethane	< 1.3 ug/l	1.3	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Trichloroethene	< 1.5 ug/l	1.5	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Trichlorofluoromethane	< 2.6 ug/l	2.6	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2,3-Trichloropropane	< 1.3 ug/l	1.3	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,2,4-Trimethylbenzene	< 0.93 ug/l	0.93	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
1,3,5-Trimethylbenzene	< 0.46 ug/l	0.46	5.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Vinyl acetate	< 3.9 ug/l	3.9	10	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Vinyl chloride	< 0.34 ug/l	0.34	2.0	V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	99.5 %			V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Dibromofluoromethane (85.0-115%)	98.9 %			V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	
Toluene-D8 (85.0-120%)	100 %			V9529-1	09Nov18 0824 by 271	09Nov18 1315 by 271	



8100 National Dr.
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

SUBCONTRACT CHAIN OF CUSTODY RECORD 228527

CLIENT INFORMATION			Project Description			Turnaround Time		Preservation Codes:											
Arkansas Analytical, Inc.			1811040			1 Day		1. Cool, 6 Degrees Centigrade					4. Thiosulfate for Dechlorination						
8100 National Dr.			Volatiles Samples			2 Day		2. Sulfuric Acid (H ₂ SO ₄), pH < 2					5. Hydrochloric Acid(HCl)						
Little Rock, AR 72209			Reporting Information			3 Day		3. Nitric Acid (HNO ₃), pH < 2					6. Sodium Hydroxide (NaOH), pH > 12						
			Telephone: 501-455-3233			Routine		TEST PARAMETERS										Bottle Type Code	
Attn: Norma James			Fax: 501-455-6118			Preservative Code: 1												G = Glass; P = Plastic	
						Bottle Type: GV												V = Septum; A = Amber	
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		**Volatiles (8260-J-Vaues)**									Lab Number:	
	11/2/2018	1240	X		1	Water	1811040-01 -- NAB-4		X										
	11/5/2018	0900	X		1	Water	1811040-03 -- TB		X										
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB					REMARKS / SAMPLE COMMENTS						
Sydney James			11-6-18, 1015		Parrish			1. CUSTODY SEALS: ☒ Yes ☐ No					Please Email Results :						
								2. CONTAINERS CORRECT: ☒ Yes ☐ No					njames@arkansasanalytical.com						
								3. COC/LABELS AGREE: ☒ Yes ☐ No					sjames@arkansasanalytical.com						
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			4. RECEIVED ON ICE: ☒ Yes ☐ No											
Parrish					Sydney James			5. TEMPERATURE ON RECEIPT: °C 5.41					** Please report Volatiles by 8260, and report J Values.						
					11-6-18 15:18														
FOR COMPLETION BY LAB ONLY																			

Appendix C

Historical Database

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NABORS Landfill Historic Data

	Date	pH	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chloride	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	
	(S.U.)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	
CAO-1	10/11/2005	n/a	<0.006	0.0157	0.0626	0.000447	0.0109	46	0.0036	0.0476	0.00517	12.3	0.0124	8.43	n/a	0.0954	<0.01	<0.003	
	1/16/2006	6.1	n/a	0.0164	<0.1	<0.00018	0.000915	29.5	0.00275	0.0651	<0.002	12.2	<0.001	8.56	n/a	0.121	<0.003	<0.00039	
	4/5/2006	6.7	<0.006	0.0184	<0.1	<0.0008	0.000559	30	0.000891	0.102	<0.008	15.1	<0.005	10.1	n/a	0.125	<0.01	<0.0017	
	7/27/2006	6.8	<0.001	0.017	0.2	<0.002	<0.005	24	0.039	0.06	<0.02	17	0.0068	10	n/a	0.075	0.033	<0.01	
	9/6/2006	6.63	<0.001	0.023	0.21	<0.002	<0.005	23	<0.01	0.064	<0.02	18	0.005	10	<0.0002	0.064	0.03	<0.01	
	2/7/2007	6.48	<0.001	0.022	0.22	<0.002	<0.005	25	<0.01	0.066	<0.02	17	<0.005	11	<0.0002	0.052	<0.02	<0.01	
	5/24/2007	6.94	<0.001	0.025	0.23	<0.002	<0.005	27	<0.01	0.066	<0.02	19	<0.005	11	<0.0002	0.07	<0.02	<0.01	
	8/25/2007	6.65	<0.001	0.024	0.22	<0.002	<0.005	2.7	<0.01	0.06	<0.02	21	0.015	10	<0.0002	0.063	0.063	<0.01	
	11/6/2007	6.3	<0.001	0.031	0.24	<0.002	<0.005	24	<0.01	0.064	<0.02	22	<0.005	10	<0.0002	0.065	<0.02	<0.01	
	2/22/2008	6.2	<0.001	0.03	0.24	<0.002	<0.005	14	<0.01	0.064	<0.02	24	<0.005	7.2	<0.0002	0.051	<0.02	<0.01	
	4/29/2008	7.08	<0.001	0.032	0.19	<0.001	<0.005	15	<0.01	0.07	<0.001	26	<0.005	7.8	<0.0002	0.062	0.0022	<0.01	
	8/19/2008	6.64	<0.001	0.035	0.28	<0.001	<0.005	15	<0.01	0.068	<0.02	29	<0.005	7.6	<0.0002	0.06	<0.02	<0.01	
	11/18/2008	6.48	<0.001	0.036	0.22	<0.002	<0.005	14	<0.01	0.068	<0.02	27	0.0062	6.6	<0.0002	0.052	<0.02	<0.01	
	2/20/2009	7.43	<0.001	<0.001	0.087	<0.001	<0.005	3	<0.01	0.012	<0.001	1	0.0012	0.98	<0.0002	<0.02	<0.001	<0.01	
	5/20/2009	6.43	<0.001	0.024	0.15	<0.001	<0.005	20	<0.01	0.054	<0.001	24	<0.001	5	<0.0002	0.034	<0.001	<0.01	
	8/19/2009	5.83	<0.001	0.049	0.19	<0.001	<0.005	28	<0.01	0.078	<0.002	36	<0.001	6.3	<0.0002	0.068	0.0019	<0.01	
	12/15/2009	6.58	n/a	0.033	0.28	<0.002	<0.005	33	0.012	0.03	<0.02	20	0.029	2.1	<0.0002	0.038	<0.04	<0.01	
	3/22/2010	6.28	<0.001	0.0045	0.17	<0.001	<0.0005	48	0.0021	0.011	0.0018	4.5	0.0018	0.95	<0.0002	0.01	0.001	0.0043	
	6/17/2010	n/a	0.00021	0.046	0.17	<0.001	0.00055	47	<0.01	0.075	0.00065	35	0.001	5.8	<0.0002	0.07	0.00092	<0.01	
	9/23/2010	6.22	<0.001	0.035	0.2	0.00018	0.0022	44	0.0057	0.045	0.0057	29	0.01	4.5	<0.0002	0.032	0.00078	0.028	
	12/8/2010	6.08	<0.001	0.019	0.22	<0.001	<0.0005	44	<0.01	0.052	<0.002	37	<0.001	5	<0.0002	0.048	0.0011	<0.01	
	3/23/2011	6.36	<0.001	0.024	0.21	<0.001	<0.0005	49	<0.01	0.046	0.00092	27	0.0014	5.2	<0.0002	0.037	0.00045	<0.01	
	6/29/2011	6.21	<0.001	0.036	0.21	<0.001	<0.0005	48	<0.01	0.063	0.0018	36	0.0022	5.7	<0.0002	0.083	<0.001	<0.01	
	9/29/2011	n/a	0.00028	0.013	0.26	0.00044	0.00049	40	0.006	0.037	<0.01	38	0.0018	4.3	5.00E-05	0.032	<0.005	<0.01	
	6/21/2012	n/a	<0.001	0.021	0.24	<0.001	0.001	74	<0.01	0.042	0.0024	39	0.0039	4.8	<0.0002	0.029	0.0012	<0.01	
	9/19/2012	n/a	<0.001	0.016	0.22	<0.001	<0.0005	67	<0.01	0.02	<0.002	36	<0.001	3	<0.0002	<0.02	0.0012	<0.01	
	3/11/2015	n/a	<0.00021	0.03	0.24	<0.00012	<0.00016	81	<0.0014	0.02	<0.00052	24	0.01	2	<4.9E-05	0.028	<0.00038	<0.0028	
	3/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/10/2015	n/a	<0.00021	0.054	0.29	<0.00012	<0.00016	12	<0.0014	0.036	<0.00052	38	<0.00024	3.4	<4.9E-05	0.049	<0.00038	<0.0028	
	9/16/2015	n/a	<0.00021	0.0328	0.284	<0.00012	<0.00016	123	<0.00054	0.0219	0.00504	26.5	<0.00024	2	<4.9E-05	0.0357	<0.00038	<0.00031	
	12/16/2015	n/a	<0.00021	0.052	0.296	<0.00012	<0.00016	108	<0.00054	0.0264	<0.00052	32	<0.00024	2.42	<4.9E-05	0.0348	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	0.112	0.222	<0.00012	<0.00016	121	<0.00054	0.0441	<0.00052	39.6	<0.00024	2.42	<4.9E-05	0.0689	<0.00038	<0.00031	
	6/29/2016	n/a	<0.000754	0.135	0.229	<0.00012	<0.00016	99.9	<0.00054	0.0391	<0.00052	41.2	<0.00024	1.95	<4.9E-05	0.064	<0.00038	<0.00031	
	9/20/2016	n/a	<0.002	0.132	0.206	<0.002	<0.001	91.1	<0.002	0.0321	<0.005	34.5	<0.002	1.21	<0.0002	0.0585	<0.002	<0.002	
	12/21/2016	n/a	<0.002	0.122	0.25	<0.002	<0.001	95.9	<0.002	0.0286	<0.005	36.3	<0.002	1.2	<0.0002	0.0571	<0.002	<0.002	
	3/29/2017	n/a	<0.002	0.0379	0.249	<0.002	<0.001	109	<0.002	0.0127	<0.005	22	0.00331	1.05	<0.0002	0.0236	<0.002	<0.002	
	9/28/2017	n/a	<0.002	0.142	0.255	<0.002	<0.001	112	<0.002	0.0249	<0.005	35.1	<0.002	0.993	<0.0002	0.0508	<0.002	<0.002	
	4/30/2018	n/a	<0.01*	0.0578	0.318	<0.000416*	0.000358	65	<0.0125*	0.0124	<0.005*	26.4	<0.0156*	0.886	<0.0002*	0.03	<0.052*	<0.0208*	
	10/29/2018	n/a	<0.036*	0.108	0.26	<0.000624*	<0.0012*	82	<0.0125*	0.015	<0.005*	33	<0.0156*	0.611	<0.0002*	0.033	<0.052*	<0.0208*	
	CAO-2	10/11/2005	n/a	<0.006	0.0138	0.0275	<0.0012	0.00115	25	<0.0047	<0.05	0.00318	12.2	0.0319	0.498	n/a	0.0266	<0.01	<0.003
1/16/2006		6.52	n/a	0.00226	<0.1	<0.00018	<0.0003	24.5	0.00139	0.0115	<0.002	0.483	0.00376	0.127	n/a	0.0279	<0.003	<0.00039	
4/5/2006		7.2	<0.006	<0.01	<0.1	<0.0008	<0.0015	18.5	0.00241	<0.2	<0.008	<0.05	<0.005	0.0686	n/a	<0.2	<0.01	<0.0017	
7/27/2006		7.33	<0.001	<0.01	0.078	<0.002	<0.005	14	<0.01	<0.01	<0.02	0.22	<0.005	0.18	n/a	<0.02	0.028	<0.01	
9/6/2006		7.04	<0.001	0.0017	0.13	<0.002	<0.005	12	<0.01	<0.01	<0.02	<0.1	0.0062	0.058	<0.0002	<0.02	<0.02	<0.01	
2/7/2007		6.48	<0.001	0.001	0.079	<0.002	<0.005	25	<0.01	<0.01	<0.02	17	<0.005	11	<0.0002	<0.02	<0.02	<0.01	
5/24/2007		8.55	<0.001	<0.001	0.086	<0.002	<0.005	25	<0.01	<0.01	<0.02	<0.1	<0.005	0.05	<0.0002	<0.02	<0.02	<0.01	
8/25/2007		n/a	<0.001	0.0014	0.065	<0.002	<0.005	12	<0.01	<0.01	<0.02	0.44	0.0069	0.13	<0.0002	<0.02	0.048	<0.01	
11/6/2007		7.01	<0.001	0.0021	0.07	<0.002	<0.005	12	<0.01	<0.01	<0.02	0.27	<0.005	0.31	<0.0002	<0.02	<0.02	<0.01	
2/22/2008		6.87	<0.001	0.001	0.076	<0.002	<0.005	22	<0.01	<0.01	<0.02	<0.1	<0.005	0.056	<0.0002	<0.02	<0.02	<0.01	
4/29/2008		7.25	<0.001	0.0012	0.074	<0.001	<0.0005	25	<0.01	<0.01	<0.001	0.2	<0.005	0.042	<0.0002	<0.02	<0.001	<0.01	
8/19/2008		7.11	<0.001	0.0014	0.076	<0.001	<0.005	12	<0.01	<0.01	<0.02	<0.1	<0.005	0.0076	<				

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	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)
Class_I_Draw	4/29/2008	7.5	<0.001	<0.001	0.043	<0.001	<0.0005	4.1	<0.01	<0.01	<0.001	0.13	<0.005	<0.01	<0.0002	<0.02	<0.001	<0.01
	8/19/2008	7.05	<0.001	<0.001	0.053	<0.001	<0.005	3.7	<0.01	<0.01	<0.02	0.048	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
	11/18/2008	6.97	<0.001	<0.001	0.051	<0.002	<0.005	4.2	<0.01	<0.01	<0.02	<0.1	<0.005	0.085	<0.0002	<0.02	<0.02	<0.01
	2/20/2009	7.04	<0.001	<0.001	0.042	<0.001	0.00054	3.4	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01
	5/20/2009	6.73	<0.001	<0.001	0.04	<0.001	<0.005	4.7	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01
	8/19/2009	6	<0.001	<0.001	0.047	<0.001	0.00056	5.4	<0.01	<0.01	<0.002	0.11	<0.001	0.026	<0.0002	<0.02	<0.001	<0.01
	12/16/2009	7.06	<0.001	0.0029	0.054	<0.002	<0.005	3.9	<0.01	<0.01	<0.02	2.2	0.022	0.044	<0.0002	<0.02	<0.02	<0.01
	3/22/2010	6.94	<0.001	<0.001	0.042	<0.001	<0.0005	1.8	<0.01	<0.01	0.00052	0.39	0.00075	0.0078	<0.0002	<0.02	<0.001	<0.01
	6/16/2010	n/a	<0.001	0.0004	0.047	<0.001	0.00059	5.2	<0.01	<0.01	0.00059	0.51	0.0012	0.012	<0.0002	<0.02	0.00038	<0.01
	9/22/2010	6.83	0.0004	0.00089	0.048	0.00085	0.0013	9.1	0.004	<0.01	0.00072	0.17	0.0013	0.011	<0.0002	<0.02	<0.001	<0.01
	12/6/2010	7.07	0.00039	0.00076	0.042	0.00052	0.001	11	<0.01	<0.01	0.0012	0.21	0.001	0.018	<0.0002	<0.02	<0.001	<0.01
	3/21/2011	6.83	<0.001	0.00084	0.041	<0.001	<0.0005	3.6	<0.01	<0.01	0.0045	0.67	0.0029	0.034	<0.0002	<0.02	<0.001	<0.01
	6/27/2011	6.58	<0.001	<0.001	0.047	<0.001	<0.0005	3.6	0.004	<0.01	<0.002	0.49	<0.001	0.011	<0.0002	<0.02	<0.001	<0.01
	9/27/2011	n/a	0.00026	0.0012	0.045	0.00036	0.00056	15	<0.01	<0.01	0.00069	<0.1	0.00073	<0.01	<0.0002	<0.02	0.0013	<0.01
	6/20/2012	n/a	<0.001	0.0018	0.047	<0.001	0.0014	10	<0.01	<0.01	0.0044	1.5	0.0084	0.065	<0.0002	<0.02	<0.001	<0.01
	9/20/2012	n/a	<0.001	0.0016	0.045	<0.001	0.00054	5.2	<0.01	<0.01	<0.002	0.73	0.0034	0.033	<0.0002	<0.02	<0.001	<0.01
	3/11/2015	n/a	<0.00021	<0.00025	0.039	<0.00012	<0.00016	4.3	<0.0014	<0.0023	<0.00052	<0.014	0.0081	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028
	3/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/9/2015	n/a	<0.00021	<0.00025	0.045	<0.00012	<0.00016	12	<0.0014	<0.0023	<0.00052	0.92	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028
	9/15/2015	n/a	<0.00021	<0.00025	0.0435	<0.00012	<0.00016	20.5	<0.00054	<0.00026	0.0116	<0.015	<0.00024	0.0125	<4.9E-05	<0.00035	<0.00038	<0.00031
	12/15/2015	n/a	<0.00021	<0.00025	0.0417	<0.00012	<0.00016	11.4	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00577	<4.9E-05	0.0024	<0.00038	<0.00031
	3/29/2016	n/a	<0.00021	<0.00025	0.039	<0.00012	<0.00016	8.98	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031
	6/28/2016	n/a	<0.000754	<0.00025	0.0404	<0.00012	<0.00016	18.2	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00537	<4.9E-05	<0.00035	<0.00038	<0.00031
	9/20/2016	n/a	<0.002	<0.002	0.0396	<0.002	<0.001	22.3	<0.002	<0.002	<0.005	0.129	<0.002	0.0282	<0.0002	0.00233	<0.002	<0.002
	12/21/2016	n/a	<0.002	<0.002	0.0412	<0.002	<0.001	17.9	<0.002	<0.002	<0.005	<0.1	<0.002	0.0084	<0.0002	<0.002	<0.002	<0.002
	3/29/2017	n/a	<0.002	<0.002	0.0407	<0.002	<0.001	7.32	<0.002	<0.002	<0.005	0.128	0.0023	<0.005	<0.0002	<0.002	<0.002	<0.002
	9/29/2017	n/a	<0.002	<0.002	0.0456	<0.002	0.00143	13.9	<0.002	<0.002	<0.005	0.69	0.00268	0.0102	<0.0002	0.00218	<0.002	<0.002
	4/18/2018	n/a	<0.01*	<0.0234*	0.0368	<0.000416*	<0.0012*	7.84	<0.0125*	<0.01*	<0.005*	0.319	<0.0156*	<0.0104*	<0.0002*	<0.01*	<0.052*	<0.0208*
	10/29/2018	n/a	<0.036*	<0.0235*	0.0396	<0.000624*	<0.0012*	10.9	<0.0125*	<0.0135*	<0.005*	0.108	<0.0156*	<0.0104*	<0.0002*	0.004	<0.052*	<0.0208*
Class_IV_Draw	6/10/2015	n/a	0.002	0.037	0.17	<0.00012	0.001	25	<0.0014	<0.0023	<0.00052	51	0.0045	2.6	<4.9E-05	<0.0049	<0.00038	<0.0028
	9/16/2015	n/a	<0.00021	0.0029	0.0426	<0.00012	<0.00016	33.6	<0.00054	<0.00026	<0.00052	1.12	0.00287	0.149	<4.9E-05	0.00393	<0.00038	<0.00031
	12/16/2015	n/a	<0.00021	0.00321	0.0506	<0.00012	<0.00016	31.3	0.002	<0.00026	<0.00052	2.09	0.00465	0.149	<4.9E-05	0.00414	<0.00038	<0.00031
	3/30/2016	n/a	<0.00021	<0.00025	0.0751	<0.00012	0.00232	10.9	<0.00054	<0.00026	<0.00052	0.951	0.00256	0.622	<4.9E-05	0.00255	<0.00038	<0.00031
	6/28/2016	n/a	<0.000754	<0.00278	0.0528	<0.00012	<0.00016	42.2	<0.00054	<0.00026	<0.00052	1.25	0.00224	0.171	<4.9E-05	0.00461	<0.00038	<0.00031
	9/21/2016	n/a	<0.002	0.00319	0.0446	<0.002	<0.001	39.9	<0.002	<0.002	<0.005	0.947	<0.002	0.17	<0.0002	0.00403	<0.002	<0.002
	12/21/2016	n/a	<0.002	<0.002	0.0661	<0.002	<0.001	45	<0.002	<0.002	<0.005	0.567	<0.002	0.464	<0.0002	0.00333	<0.002	<0.002
	9/28/2017	n/a	<0.002	<0.002	0.0689	<0.002	<0.001	48.7	<0.002	<0.002	<0.005	0.285	<0.002	0.0693	<0.0002	0.00475	<0.002	<0.002
	4/17/2018	n/a	<0.01*	<0.0234*	0.0435	<0.000416*	<0.0012*	11	<0.0125*	<0.01*	<0.005*	0.205	<0.0156*	0.0137	<0.0002*	<0.01*	<0.052*	<0.0208*
	6/10/2015	n/a	<0.00021	<0.00025	0.096	<0.00012	0.0019	13	<0.0014	<0.0023	<0.00052	1.4	0.0036	0.67	<4.9E-05	<0.0049	<0.00038	<0.0028
LEACHATE	9/16/2015	n/a	<0.00021	0.00401	0.0996	<0.00012	0.00319	13.6	<0.00054	0.000595	<0.00052	3.92	0.00596	3.68	<4.9E-05	0.00589	<0.00038	<0.00031
	12/16/2015	n/a	<0.00021	<0.00025	0.0538	<0.00012	<0.00016	5.98	<0.00054	<0.00026	<0.00052	0.655	0.00274	0.328	<4.9E-05	<0.00035	<0.00038	<0.00031
	3/30/2016	n/a	<0.00021	0.00363	0.066	<0.00012	<0.00016	44.2	0.00224	0.00204	0.00509	3.39	0.00393	0.363	<4.9E-05	0.00624	<0.00038	<0.00031
	9/21/2016	n/a	<0.002	<0.002	0.0529	<0.002	0.00178	11.9	<0.002	<0.002	<0.005	<0.1	<0.002	0.223	<0.0002	0.00263	<0.002	<0.002
	10/18/2018	n/a	<0.036*	0.0056	0.056	<0.000624*	0.000966	9.24	<0.0125*	<0.0135*	<0.005*	0.335	<0.0156*	0.335	<0.0002*	0.004	<0.052*	<0.0208*
	12/17/2009	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/23/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/16/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/22/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LF_Entrance_Seep	6/28/2011	n/a	n/a	n/a	n/a	n/a	n/a											

NABORS Landfill Historic Data

Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)
10/11/2005	6.47	0.00487	<0.004	<0.05	<0.0008	0.00221	6.5	0.00156	<0.05	<0.01	0.122	<0.005	<0.05	n/a	<0.05	<0.01	<0.003
4/4/2006	7.19	0.00244	<0.005	<0.05	0.0008	0.00198	5.5	0.00134	<0.1	<0.002	<0.03	<0.001	<0.03	n/a	<0.1	<0.005	<0.0005
7/26/2006	7.25	<0.001	<0.001	0.054	<0.002	<0.005	2.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	n/a	<0.02	0.025	<0.01
9/5/2006	7.07	<0.001	0.0011	0.058	<0.002	<0.005	2.5	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
2/7/2007	6.87	<0.001	0.0013	0.058	<0.002	<0.005	3.5	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
5/24/2007	8.21	<0.001	<0.001	0.065	<0.002	<0.005	3.3	<0.01	<0.01	<0.02	0.35	<0.005	0.013	<0.0002	<0.02	<0.02	<0.01
8/25/2007	6.12	<0.001	<0.001	0.059	<0.002	<0.005	2.6	<0.01	<0.01	<0.02	<0.1	0.0063	<0.01	<0.0002	<0.02	0.035	<0.01
11/6/2007	6.7	<0.001	<0.001	0.065	<0.002	<0.005	4.4	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
2/22/2008	6.78	<0.001	<0.001	0.06	<0.002	<0.005	4.4	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
4/29/2008	6.97	<0.001	<0.001	0.06	<0.001	0.0017	2.5	<0.01	<0.01	0.0011	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.001	<0.01
8/19/2008	6.97	<0.001	<0.001	0.061	<0.001	<0.005	2.8	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
11/18/2008	6.81	<0.001	0.0011	0.064	<0.002	<0.005	3.5	<0.01	<0.01	<0.02	<0.1	0.0076	<0.01	<0.0002	<0.02	<0.02	<0.01
2/20/2009	6.94	<0.001	0.0011	0.061	<0.001	0.002	2.8	<0.01	<0.01	<0.001	<0.1	<0.001	0.014	<0.0002	<0.02	<0.001	<0.01
5/20/2009	6.6	<0.001	0.001	0.068	<0.001	0.001	5.8	<0.01	<0.01	<0.001	<0.1	<0.001	0.064	0.00081	<0.02	<0.001	<0.01
8/19/2009	6.81	<0.001	0.0012	0.08	<0.001	0.0014	6.4	<0.01	<0.01	<0.002	<0.1	<0.001	0.38	0.00092	<0.02	<0.001	<0.01
12/16/2009	7.05	<0.001	0.0025	0.094	0.00031	0.0014	7.6	0.0023	0.036	<0.02	0.63	<0.005	0.93	0.0017	0.0091	0.024	<0.01
3/22/2010	n/a	<0.001	0.0019	0.11	<0.001	0.00038	13	<0.01	0.055	0.00076	0.31	0.00072	1.1	0.00082	0.033	<0.001	<0.01
3/23/2010	6.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6/16/2010	n/a	<0.001	0.0028	0.12	<0.001	0.0023	25	<0.01	0.053	0.0012	0.37	0.0027	1.1	0.0038	0.034	0.00054	0.0076
9/22/2010	6.46	0.00054	0.0026	0.12	0.00031	0.0024	30	<0.01	0.028	0.0011	0.23	0.0038	0.86	0.0044	0.03	0.0012	<0.01
12/8/2010	6.42	<0.001	0.0021	0.1	<0.001	0.00016	30	<0.01	0.029	<0.002	0.31	0.00069	0.77	0.0012	0.029	0.00044	<0.01
3/23/2011	6.57	<0.001	0.0025	0.1	<0.001	<0.0005	27	<0.01	0.032	0.00055	0.73	0.00025	0.79	0.00059	0.028	<0.001	<0.01
6/29/2011	6.77	<0.001	0.013	0.12	<0.001	<0.0005	37	<0.01	0.095	0.00077	4.1	0.00073	0.78	0.00067	0.057	<0.001	<0.01
9/29/2011	n/a	0.00037	0.012	0.14	0.00029	0.00042	40	0.004	0.073	<0.01	1.5	0.00089	1.1	0.00015	0.055	0.0026	<0.01
6/20/2012	n/a	<0.001	0.0083	0.17	<0.001	<0.0005	81	<0.01	0.064	<0.002	4.4	<0.001	1.1	<0.0002	0.063	0.0011	<0.01
9/19/2012	n/a	<0.001	0.013	0.16	<0.001	<0.0005	73	<0.01	0.085	<0.002	2.5	<0.001	1.1	<0.0002	0.088	0.0011(P1)	<0.01
12/15/2015	n/a	<0.00021	0.0242	0.195	<0.00012	<0.00016	133	<0.00054	0.041	<0.00052	6.1	<0.00024	0.789(V)	<4.9E-05	0.0581	<0.00038	<0.00031
3/29/2016	n/a	<0.00021	0.0121	0.189	<0.00012	<0.00016	127	<0.00054	0.0336	<0.00052	5.4	<0.00024	0.773(V)	<4.9E-05	0.0471	<0.00038	<0.00031
6/28/2016	n/a	<0.000754	0.0471	0.196	<0.00012	<0.00016	137	<0.00054	0.0466	<0.00052	5.68	<0.00024	0.804	<4.9E-05	0.0835	<0.00038	<0.00031
9/20/2016	n/a	<0.0002	0.0398	0.172	<0.002	<0.001	119	0.00366	0.0452	<0.005	6.3	0.00393	0.73	<0.0002	0.0636	<0.002	<0.002
12/20/2016	n/a	<0.002	0.071	0.201	<0.002	<0.001	122	0.00588	0.109	0.0104	6.3	0.0029	0.78	<0.0002	0.158	<0.002	<0.002
3/28/2017	n/a	<0.002	0.0174	0.176	<0.002	<0.001	117	<0.002	0.0578	<0.005	3.91	<0.002	0.983	<0.0002	0.0612	<0.002	<0.002
9/27/2017	n/a	<0.002	0.0238	0.19	<0.002	<0.001	123	<0.002	0.0613	<0.005	6.34	<0.002	0.889	<0.0002	0.0836	<0.002	<0.002
4/18/2018	n/a	<0.01*	0.0373	0.179	<0.000416*	<0.0012*	98.1	<0.0125*	0.12	<0.005*	3.43	<0.0156*	1.32	<0.0002*	0.09	<0.052*	<0.0208*
10/29/2018	n/a	<0.036*	0.0441	0.171	<0.000624*	<0.0012*	91.3	0.127	0.0477	0.003	9.63	<0.0156*	0.596	<0.0002*	0.147	<0.052*	<0.0208*
MW-1R d	6/21/2012	n/a	0.0014	0.091	0.35	0.004	0.036	0.065	0.16	0.071	62	0.24	4.8	<0.0002	0.16	<0.001	<0.01
	9/20/2012	n/a	<0.001	0.0028	0.13	<0.001	0.002	34	<0.01	0.048	<0.002	0.21	<0.001	1	0.007	0.043	<0.001
	3/10/2015	n/a	<0.00021	0.034	0.18	<0.00012	<0.00016	100	<0.0014	0.096	<0.00052	11	0.0079	0.59	0.00096(J3)	0.083	<0.00038
	3/10/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/8/2015	n/a	<0.00021	0.048	0.19	<0.00012	<0.00016	110	<0.0014	0.087	<0.00052	15	<0.00024	0.51	0.00083	0.083	<0.00038
	9/15/2015	n/a	<0.00021	0.0492	0.165	<0.00012	<0.00016	121	<0.00054	0.0761	<0.00052	13.4	<0.00024	0.442	0.000231	0.0824	<0.00038
	12/15/2015	n/a	<0.00021	0.0258	0.17	<0.00012	0.00406	112	0.00503	0.0659	<0.00052	9.81	0.0179	0.528	0.00307	0.0768(B)	<0.00038
	3/29/2016	n/a	<0.00021	0.0599	0.175	<0.00012	<0.00016	117	<0.00054	0.0753	<0.00052	19.7	0.00256	0.433	0.000327	0.0803	<0.00038
	6/28/2016	n/a	<0.000754	0.0529	0.169	<0.00012	<0.00016	116	<0.00054	0.0674	<0.00052	15.4	<0.00024	0.353	0.00022	0.0763	<0.00038
	9/20/2016	n/a	<0.002	0.0604	0.166	<0.002	<0.001	114	<0.002	0.0649	<0.005	19.5	<0.002	0.32	0.000683	0.0784	<0.002
	12/20/2016	n/a	<0.002	0.0627	0.173	<0.002	<0.001	102	<0.002	0.0692	<0.005	23.7	0.00241	0.346	0.000715	0.0802	<0.002
	3/28/2017	n/a	<0.002	0.0646	0.173	<0.002	<0.001	103	0.00292	0.0754	<0.005	22.9	<0.002	0.364	0.000206	0.0828	<0.002
	9/27/2017	n/a	<0.002	0.075	0.169	<0.002	<0.001	118	<0.002	0.0656	<0.005	28	<0.002	0.279	<0.0002	0.082	<0.002
	4/30/2018	n/a	<0.01*	0.0738	0.162	<0.000416*	0.000521	83.1	<0.0125*	0.065	<0.005*	26.8	<0.0156*	0.271	0.000625	0.08	<0.052*
	10/29/2018	n/a	<0.036*	0.0856	0.163	<0.000624*	<0.0012*	97.6	<0.0125*	0.0586	<0.005*	32.9	<0.0156*	0.231	0.000225	0.083	<0.052*
MW-2 d	4/13/1999	7.08	<0.006	<0.005	<0.1	<0.002	<0.003	12.5	<0.01	<0.02	<0.005	0.204	<0.005	<0.05	n/a	<0.01	<0.01
	7/28/1999	7.17	<0.006	<0.005	<0.1	<0.002	<0.003	5.25	<0.01	<0.02	<0.005	0.059	<0.005	<0.05	n/a	<0.01	<0.01
	10/12/1999	7.05	<0.006	<0.005	<0.1	<0.002	<0.003	5.75	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01
	1/25/2000	7.45	<0.006	0.013	<0.1	<0.002	<0.003	4.5	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01
	4/26/2000	7.08	<0.006	<0.005	<0.1	<0.002	<0.003	3.8	<0.01	<0.02	<0.005	0.065	<0.005	<0.05	n/a	<0.01	<0.01
	10/18/2000	7.04	<0.006	0.008	<0.1	<0.002	<0.003	3.8	<0.01	<0.02	<0.005	0.03	<0.005	<0.05	n/a	<0.01	<0.01
	4/19/2001	7.18	<0.006	0.00749	<0.1	<0.002	<0.003	4.7	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01
	10/25/2001	7.06	<0.006	0.0061	<0.01	0.004	<0.003	5	<0.01	<0.02	<0.005	0.05	<0.005	<0.05	n/a	<0.01	<0.01
	4/18/2002	7.1	<0.006	0.005	0.051	<0.002	<0.003	4.5	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01
	10/31/2002	7.1	<0.006	0.006	0.184	<0.002	<0.003	5	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01
	4/15/2003	7.07	<0.006	0.006	<0.01	<0.002	<0.003	4.3	<0.01	<0.02	<0.005	0.03	<0.005	<0.05	n/a	<0.01	<0.01
	10/29/200																

LABORS Landfill Historic Data																			
	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	
MW-3	6/21/2012	n/a	<0.001	0.0015	0.017	<0.001	<0.0005	12	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	0.0016	<0.01	
	9/19/2012	n/a	<0.001	0.0018	0.029	<0.001	<0.0005	10	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	3/11/2015	n/a	<0.00021	0.004	0.031	<0.00012	<0.00016	3.3	<0.0014	<0.0023	<0.00052	<0.014	0.01	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	3/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	6/8/2015	n/a	<0.00021	0.0046	0.029	<0.00012	<0.00016	5.4	<0.0014	<0.0023	<0.00052	<0.014	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	9/15/2015	n/a	<0.00021	0.0055	0.0281	<0.00012	<0.00016	4.82	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.0112	<4.9E-05	<0.00035	<0.00038	<0.00031	
	12/15/2015	n/a	<0.00021	0.00476	0.0303	<0.00012	<0.00016	3.6	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.0142	<4.9E-05	<0.00035	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	0.00448	0.0274	<0.00012	<0.00016	4.12	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00762	<4.9E-05	0.00208(B)	<0.00038	<0.00031	
	6/29/2016	n/a	<0.000754	0.004	0.029	<0.00012	<0.00016	4.1	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00749	<4.9E-05	<0.00035	<0.00038	<0.00031	
	9/20/2016	n/a	<0.002	0.00419	0.0262	<0.002	<0.001	3.07	<0.002	<0.002	<0.005	<0.1	<0.002	0.00812	<0.0002	<0.002	<0.002	<0.002	
	12/20/2016	n/a	<0.002	0.00466	0.0315	<0.002	<0.001	3.6	<0.002	<0.002	<0.005	0.118	<0.002	0.0104	<0.0002	0.00979	<0.002	<0.002	
	3/29/2017	n/a	<0.002	0.00532	0.0278	<0.002	<0.001	4.23	<0.002	<0.002	<0.005	0.152	<0.002	0.012	<0.0002	<0.002	<0.002	<0.002	
	9/28/2017	n/a	<0.002	0.00474	0.0264	<0.002	<0.001	6.49	<0.002	<0.002	<0.005	<0.1	<0.002	0.00643	<0.0002	<0.002	<0.002	<0.002	
	4/30/2018	n/a	<0.01*	<0.00751	0.0315	5.68E-05	<0.0012*	<0.0012*	3.76	<0.0125*	<0.0104*	<0.005*	0.167	<0.0156*	0.00806	<0.0002*	<0.01*	<0.052*	<0.0208*
	10/30/2018	n/a	<0.036*	<0.0235*	0.0305	<0.000624*	<0.0012*	2.73	<0.0125*	<0.0135*	<0.005*	0.171	<0.0156*	0.0074	<0.0002*	<0.01*	<0.052*	<0.0208*	
	d																		
	4/13/1999	6.49	<0.006	<0.005	<0.1	<0.002	<0.003	10	<0.01	<0.02	<0.005	0.166	<0.005	<0.05	n/a	<0.01	<0.01	<0.01	
	7/28/1999	6.89	<0.006	<0.005	<0.1	<0.002	<0.003	9.25	<0.01	<0.02	<0.005	0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01	
	10/12/1999	6.77	<0.006	<0.005	<0.1	<0.002	<0.003	7.5	<0.01	<0.02	<0.005	0.03	<0.005	<0.05	n/a	<0.01	<		

NABORS Landfill Historic Data

	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	
MW-5	11/6/2007	7.08	<0.001	<0.001	0.03	<0.002	<0.005	3	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	0.0002	<0.02	<0.02	<0.01	
	2/22/2008	7.45	<0.001	<0.001	0.03	<0.002	<0.005	3	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	0.0002	<0.02	<0.02	<0.01	
	4/29/2008	7.26	<0.001	<0.001	0.031	<0.001	0.00056	2.5	<0.01	<0.01	0.0013	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2008	7.37	<0.001	<0.001	0.031	<0.001	<0.005	2.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	11/18/2008	7.26	<0.001	<0.001	0.03	<0.002	<0.005	3.2	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/20/2009	7.3	<0.001	<0.001	0.03	<0.001	0.00081	3.9	<0.01	<0.01	0.0014	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	5/20/2009	7.12	<0.001	<0.001	0.029	<0.001	<0.005	4.8	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2009	6.14	<0.001	<0.001	0.033	<0.001	0.00087	5.2	0.032	<0.01	<0.002	0.37	<0.001	<0.01	<0.0002	0.029	<0.001	<0.01	
	12/17/2009	7.21	<0.001	<0.001	0.032	<0.002	<0.005	4.2	<0.01	<0.01	<0.02	0.03	<0.005	0.0013	4.00E-05	<0.02	<0.02	<0.01	
	3/23/2010	7.16	<0.001	<0.001	0.032	<0.001	0.00021	4.1	<0.01	<0.01	<0.002	0.02	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	6/16/2010	n/a	<0.001	0.00027	0.033	<0.001	0.00057	4.6	<0.01	<0.01	<0.002	0.025	<0.001	<0.01	2.00E-05	<0.02	<0.001	<0.01	
	9/22/2010	7.1	0.00036	0.00084	0.032	0.00084	0.0012	4.6	0.003	<0.01	<0.002	0.021	0.00093	<0.01	<0.0002	<0.02	0.00049	<0.01	
	12/6/2010	7.06	0.00034	0.00055	0.032	0.00048	0.00095	4.9	<0.01	<0.01	<0.002	<0.1	0.00043	<0.01	<0.0002	<0.02	<0.001	<0.01	
	3/21/2011	7.17	<0.001	<0.001	0.03	<0.001	<0.0005	4.9	<0.01	<0.01	<0.002	0.033	<0.001	0.0015	<0.0002	<0.02	<0.001	<0.01	
	6/28/2011	6.95	<0.001	<0.001	0.032	<0.001	0.00036	5.1	<0.01	<0.01	<0.002	0.026	0.00066	<0.01	<0.0002	<0.02	<0.001	<0.01	
	9/27/2011	n/a	0.00021	0.00091	0.031	0.00034	0.00099	5.3	<0.01	<0.01	0.00065	0.042	0.001	<0.01	5.00E-05	<0.02	<0.001	<0.01	
	6/21/2012	n/a	<0.001	<0.001	0.038	<0.001	0.00077	5.5	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	9/19/2012	n/a	<0.001	<0.001	0.035	<0.001	<0.0005	5.5	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	3/11/2015	n/a	<0.00021	<0.00025	0.036	<0.00012	<0.00016	6.8	<0.0014	<0.0023	<0.00052	<0.014	0.0086	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	3/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/9/2015	n/a	<0.00021	<0.00025	0.037	<0.00012	0.001	7	<0.0014	<0.0023	<0.00052	<0.014	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	9/15/2015	n/a	<0.00021	<0.00025	0.0343	<0.00012	<0.00016	7.08	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	12/15/2015	n/a	<0.00021	<0.00025	0.0354	<0.00012	<0.00016	7.15	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	<0.00025	0.0346	<0.00012	<0.00016	6.94	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	6/29/2016	n/a	<0.000754	<0.00025	0.0355	<0.00012	<0.00016	7.13	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	9/20/2016	n/a	<0.002	<0.002	0.0334	<0.002	<0.001	7.19	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	12/21/2016	n/a	<0.002	<0.002	0.0358	<0.002	<0.001	7.31	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	3/29/2017	n/a	<0.002	<0.002	0.0353	<0.002	0.00104	7.21	<0.002	<0.002	<0.005	0.11	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	9/28/2017	n/a	<0.002	<0.002	0.0347	<0.002	<0.001	7.46	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	4/19/2018	n/a	<0.01*	<0.0234*	0.0394	<0.000416*	0.000943	6.49	<0.0125*	<0.0104*	<0.005*	0.103	<0.0156*	0.000956	2.50E-05	<0.01*	<0.052*	<0.0208*	
	10/24/2018	n/a	<0.036*	<0.0235*	0.0427	<0.000624*	0.000961	6.45	0.0019	<0.0135*	<0.005*	0.16	<0.0156*	<0.0104*	2.50E-05	0.003	<0.052*	<0.0208*	
	MW-509D	4/13/1999	6.58	<0.006	<0.005	<0.1	<0.002	<0.003	3.5	<0.01	<0.02	<0.005	0.296	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		7/28/1999	7.09	<0.006	<0.005	<0.1	<0.002	<0.003	3.5	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/12/1999	7.04	<0.006	<0.005	<0.1	<0.002	<0.003	4.25	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		1/25/2000	7.21	<0.006	<0.005	<0.1	<0.002	<0.003	2.75	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/26/2000	7.13	<0.006	<0.005	<0.1	<0.002	<0.003	3.2	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/18/2000	7.1	<0.006	<0.005	<0.1	<0.002	<0.003	3	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/19/2001	7.05	<0.006	<0.005	<0.1	<0.002	<0.003	3.7	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.05	<0.01	<0.01
		10/25/2001	7.03	<0.006	<0.005	<0.01	<0.002	<0.003	4	<0.01	<0.02	<0.005	0.05	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/18/2002	6.97	<0.006	<0.005	0.037	<0.002	<0.003	4	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/31/2002	7.2	<0.006	<0.005	0.145	<0.002	<0.003	4.3	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/15/2003	6.99	<0.006	<0.005	<0.01	<0.002	<0.003	4	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/29/2003	7.13	<0.006	<0.005	<0.01	<0.002	<0.003	4.3	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/13/2004	7.14	<0.006	<0.005	0.0432	<0.002	<0.003	4	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/20/2004	6.96	<0.006	<0.005	<0.03	<0.002	<0.003	4	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/14/2005	7.02	<0.002	<0.0015	<0.025	<0.00018	0.000502	5.5	0.000384	<0.02	<0.002	0.1	<0.001	<0.03	n/a	<0.01	<0.003	<0.001
10/11/2005		6.71	<0.006	<0.004	<0.05	<0.0008	<0.0015	<5	0.000631	<0.05	<0.01	0.0479	<0.005	<0.05	n/a	<0.05	<0.01	<0.003	
4/4/2006		7.6	<0.002	<0.005	<0.05	<0.00018	<0.0003	5	0.00184	<0.1	<0.002	<0.03	<0.001	<0.03	n/a	<0.1	<0.005	<0.0057	
7/26/2006		7.64	<0.001	<0.01	0														

NABORS Landfill Historic Data

	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	
MW-577	8/25/2007	7.08	<0.001	<0.01	0.028	<0.002	<0.005	2.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	0.044	<0.01	
	11/6/2007	6.82	<0.001	0.0014	0.029	<0.002	<0.005	2	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/22/2008	6.82	<0.001	<0.001	0.035	<0.002	<0.005	3.3	<0.01	<0.01	<0.02	0.12	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	4/29/2008	6.95	<0.001	0.0012	0.031	<0.001	0.0029	3.4	<0.01	<0.01	<0.001	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2008	7.16	<0.001	0.0014	0.029	<0.001	0.0055	2.6	<0.01	<0.01	<0.02	0.23	<0.005	0.012	<0.0002	<0.02	<0.02	<0.01	
	11/18/2008	6.87	<0.001	0.0012	0.029	<0.002	0.006	3.5	<0.01	<0.01	<0.02	0.21	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/20/2009	6.94	<0.001	<0.001	0.032	<0.001	0.0037	3.4	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	5/20/2009	6.39	<0.001	<0.001	0.026	<0.001	0.0025	3.4	<0.01	<0.01	<0.001	0.12	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2009	6.76	<0.001	<0.001	0.028	<0.001	0.0062	4	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	12/16/2009	7.11	0.00037	0.02	0.11	0.0047	0.017	4.1	0.015	0.012	0.015	18	0.09	0.78	0.00022	<0.02	<0.02	<0.01	
	3/23/2010	6.81	<0.001	0.005	0.052	0.00087	0.0062	2.8	0.0086	0.0021	0.0088	7.3	0.02	0.18	<0.0002	0.01	<0.001	<0.01	
	6/17/2010	n/a	<0.001	0.002	0.035	0.0002	0.0047	4.5	<0.01	<0.01	0.0028	2.2	0.0058	0.05	<0.0002	<0.02	0.00041	<0.01	
	9/23/2010	6.72	<0.001	0.0027	0.04	0.00014	0.0064	5.3	0.0031	<0.01	0.0039	2.4	0.01	0.075	<0.0002	<0.02	0.00047	<0.01	
	12/7/2010	6.54	0.00055	0.013	0.11	0.0031	0.02	7.1	0.028	0.007	0.022	25	0.059	0.57	0.00015	0.021	0.0014	<0.01	
	3/22/2011	6.83	<0.001	0.015	0.069	0.0013	0.012	5.4	0.014	0.0044	0.028	14	0.043	0.28	<0.0002	<0.02	0.0005	<0.01	
	6/29/2011	6.65	<0.001	0.0019	0.039	<0.001	0.005	6.4	<0.01	<0.01	0.0031	2.4	0.0076	0.063	4.00E-05	<0.02	<0.001	0.077	
	9/28/2011	n/a	<0.001	0.0058	0.049	0.00044	0.011	5.4	0.0058	0.0038	0.0088	5.1	0.025	0.2	3.00E-05	0.012	<0.001	<0.01	
	6/21/2012	n/a	<0.001	0.018	0.094	0.0028	0.021	4.4	0.023	<0.01	0.029	22	0.073	0.52	<0.0002	<0.02	0.0012	<0.01	
	9/20/2012	n/a	<0.001	0.028	0.14	0.0062	0.039	4.4	0.037	0.014	0.053	34	0.16	1.1	0.00039	0.025	<0.001	<0.01	
	3/9/2015	n/a	<0.00021	<0.00025	0.027	<0.00012	0.0031	3.9	<0.0014	<0.0023	<0.00052	<0.014	0.006	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	3/9/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/9/2015	n/a	<0.00021	<0.00025	0.031	<0.00012	0.0038	5.5	<0.0014	<0.0023	<0.00052	0.24	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	9/16/2015	n/a	<0.00021	<0.00025	0.0321	<0.00012	0.0048	6.2	0.00309	<0.00026	<0.00052	0.497	<0.00024	0.00757	<4.9E-05	0.00276	<0.00038	<0.00031	
	12/15/2015	n/a	<0.00021	<0.00025	0.0292	<0.00012	0.00393	4.87	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	<0.00025	0.0317	<0.00012	0.00432	6.16	0.00421(B)	<0.00026	<0.00052	1.01	<0.00024	0.00869	<4.9E-05	0.00326(B)	<0.00038	<0.00031	
	6/28/2016	n/a	<0.000754	<0.00025	0.0326	<0.00012	0.00392	5.78	<0.00054	<0.00026	<0.00052	0.534	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	9/20/2016	n/a	<0.002	<0.002	0.0309	<0.002	0.00534	6.05	0.00262	<0.002	<0.005	1.13	0.00294	0.0171	<0.0002	0.00282	<0.002	<0.002	
	12/20/2016	n/a	<0.002	<0.002	0.034	<0.002	0.00621	6.42	0.00232	<0.002	<0.005	0.882	0.0029	0.0149	<0.0002	0.00282	<0.002	<0.002	
	3/28/2017	n/a	<0.002	<0.002	0.0277	<0.002	0.00378	5.19	<0.002	<0.002	<0.005	0.43	<0.002	0.00651	<0.0002	<0.002	<0.002	<0.002	
	9/27/2017	n/a	<0.002	<0.002	0.0327	<0.002	0.00614	7	0.00321	<0.002	0.00645	0.989	0.00271	0.0165	<0.0002	0.00282	<0.002	<0.002	
	4/20/2018	n/a	<0.01*	<0.0234*	0.0303	<0.000416*	0.0038	4.68	<0.0125*	<0.0104*	0.001	0.347	<0.0156*	0.00331	<0.0002*	<0.01*	<0.052*	<0.0208*	
	10/26/2018	n/a	<0.036*	<0.0235*	0.0348	<0.000624*	0.00462	4.82	0.0017	<0.0135*	0.002	0.701	<0.0156*	0.00944	<0.0002*	<0.01*	<0.052*	<0.0208*	
	MW-6	2/7/2007	7.02	<0.001	0.0029	0.03	<0.002	<0.005	1.1	<0.01	<0.01	<0.02	0.49	<0.005	0.013	<0.0002	<0.02	<0.02	<0.01
		5/24/2007	8.2	<0.001	0.0027	0.029	<0.002	<0.005	1.8	<0.01	<0.01	<0.02	0.32	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
		8/25/2007	7.15	<0.001	0.0023	0.027	<0.001	<0.0005	1.3	<0.01	<0.01	<0.02	<0.1	0.0063	<0.01	<0.0002	<0.02	<0.02	<0.01
		11/6/2007	6.93	<0.001	0.0028	0.027	<0.001	<0.0005	1.3	<0.01	<0.01	<0.02	0.16	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
		2/22/2008	7.49	<0.001	0.0013	0.029	<0.002	<0.005	1.7	<0.01	<0.01	<0.02	0.18	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
		4/29/2008	7.1	0.0011	0.0027	0.031	<0.001	0.00073	6.3	<0.01	<0.01	0.0018	0.21	<0.005	<0.01	<0.0002	<0.02	<0.001	<0.01
		8/19/2008	7.18	<0.001	<0.001	0.024	<0.001	<0.005	1.2	<0.01	<0.01	<0.02	0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
		11/18/2008	7.03	<0.001	0.0021	0.024	<0.002	<0.005	1.6	<0.01	<0.01	<0.02	0.13	0.0069	<0.01	<0.0002	<0.02	<0.02	<0.01
2/20/2009		7.12	<0.001	0.0021	0.028	<0.001	<0.005	1	<0.01	<0.01	<0.001	0.14	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
5/20/2009		6.77	<0.001	0.0018	0.026	<0.001	<0.0005	1.6	<0.01	<0.01	<0.001	0.13	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
8/27/2009		6.27	0.001	0.002	0.028	<0.001	0.00062	1.8	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
12/17/2009		6.97	<0.001	0.004	0.035	0.00051	<0.005	2.6	0.0048	<0.01	<0.02	2.5	0.012	0.035	3.00E-05	<0.02	0.0091	<0.01	
3/23/2010		6.9	<0.001	0.0016	0.031	<0.001	<0.0005	1.3	<0.01	<0.01	0.00089	0.46	0.00059	0.0097	<0.0002	<0.02	<0.001	0.0036	
6/15/2010		n/a	<0.001	0.0014	0.027	<0.001	<0.0005	1.5	<0.01	<0.01	0.0007	0.17	0.00048	0.007	<0.0002	<0.02	<0.001	<0.01	
9/22/2010		6.9	0.00034	0.0025	0.028	0.00088	0.0005	1.4	0.003	<0.01	0.00057	0.35	0.0012	0.008	<0.0002	<0.02	<0.001	<0.01	
12/8/2010		7.23	0.0011	0.018	0.039	0.001	0.00043	5.1	0.0054	<0.01	0.0087	3.3	0.02	0.06	2.00E-05	0.0076	0.0004	0.006	
3/22/2011		6.91	<0.001	0.0023	0.025	<0.001	<0.0005	1.6	<0.01	<0.01	<0.002	0.3	0.00036	0.0068	<0.0002	<0.02	<0.001	<0.01	
6/28/2011		6.88																	

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	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	
MW-633D	11/6/2007	6.91	<0.001	<0.001	0.044	<0.002	<0.005	5	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	0.00022	<0.02	<0.02	<0.01	
	2/22/2008	7.05	<0.001	<0.001	0.042	<0.002	<0.005	5.1	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	4/29/2008	7.37	<0.001	<0.001	0.042	<0.001	<0.0005	4.2	<0.01	<0.01	0.0011	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2008	7.25	<0.001	<0.001	0.042	<0.001	<0.005	4.2	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	11/18/2008	7.19	<0.001	<0.001	0.044	<0.002	<0.005	5	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	0.064	
	2/20/2009	7.18	<0.001	<0.001	0.044	<0.001	<0.0005	6	<0.01	<0.01	0.0011	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	5/20/2009	6.92	<0.001	<0.001	0.041	<0.001	<0.005	6.4	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2009	6.19	<0.001	<0.001	0.043	<0.001	<0.0005	6.6	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	12/17/2009	7.01	<0.001	0.00032	0.043	<0.002	<0.005	6.2	<0.01	<0.01	<0.02	0.11	0.0033	0.0032	0.00033	<0.02	0.015	<0.01	
	3/23/2010	7.03	0.00037	0.00025	0.044	<0.001	<0.0005	5.7	<0.01	<0.01	0.0039	0.058	0.00049	0.0012	0.00018	0.0056	<0.001	0.0041	
	6/16/2010	n/a	<0.001	0.00032	0.044	<0.001	<0.0005	6.5	<0.01	<0.01	<0.002	0.048	<0.001	<0.01	0.00052	<0.02	<0.001	<0.01	
	9/22/2010	6.98	0.0016	0.0016	0.045	0.00087	0.00092	6.4	0.003	<0.01	<0.002	0.044	0.0012	<0.01	0.00035	<0.02	0.00088	<0.01	
	12/8/2010	6.64	0.00043	0.00062	0.04	0.00052	0.00059	6.9	<0.01	<0.01	0.0033	0.027	0.00047	<0.01	0.00023	<0.02	<0.001	<0.01	
	3/21/2011	7.16	<0.001	<0.001	0.05	<0.001	<0.0005	7.4	<0.01	<0.01	<0.002	0.046	0.00078	0.0024	0.00041	<0.02	<0.001	<0.01	
	6/28/2011	6.83	<0.001	<0.001	0.044	<0.001	<0.0005	8	<0.01	<0.01	<0.002	0.1	<0.001	0.0032	0.00076	<0.02	<0.001	<0.01	
	9/27/2011	n/a	<0.001	0.0011	0.042	0.00034	0.0005	8.4	<0.01	<0.01	<0.002	0.04	0.00061	<0.01	0.00032	0.01	<0.001	<0.01	
	6/21/2012	n/a	<0.001	<0.001	0.051	<0.001	<0.0005	9.8	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	9/19/2012	n/a	<0.001	<0.001	0.045	<0.001	<0.0005	11	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	3/11/2015	n/a	<0.00021	<0.00025	0.046	<0.00012	<0.00016	16	<0.0014	<0.0023	<0.00052	<0.014	0.0098	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	3/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/9/2015	n/a	<0.00021	<0.00025	0.047	<0.00012	<0.00016	16	<0.0014	<0.0023	<0.00052	<0.014	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	9/15/2015	n/a	<0.00021	<0.00025	0.0459	<0.00012	<0.00016	16.6	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	12/16/2015	n/a	<0.00021	<0.00025	0.0473	<0.00012	<0.00016	17.9	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	<0.00025	0.0451	<0.00012	<0.00016	17.6	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	<0.00035	<0.00038	<0.00031	
	6/29/2016	n/a	<0.000754	<0.00025	0.0465	<0.00012	<0.00016	18.5	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	0.00205	<0.00038	<0.00031	
	9/20/2016	n/a	<0.002	<0.002	0.0437	<0.002	<0.001	19.1	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	12/21/2016	n/a	<0.002	<0.002	0.0465	<0.002	<0.001	21	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	3/29/2017	n/a	<0.002	<0.002	0.0438	<0.002	<0.001	22.4	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	9/28/2017	n/a	<0.002	<0.002	0.0468	<0.002	<0.001	26.4	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	<0.002	<0.002	<0.002	
	4/21/2018	n/a	<0.01*	<0.0234*	0.0498	7.73E-05	0.000479	30	<0.0125*	<0.0104*	<0.005*	0.11	<0.0156*	0.00154	0.00025	<0.01*	<0.052*	<0.0208*	
	10/23/2018	n/a	<0.036*	<0.0235*	0.0526	<0.000624*	0.000437	30.5	0.00273	<0.0135*	0.001	0.163	<0.0156*	<0.0104*	0.00045	0.004	<0.052*	<0.0208*	
MW-689D	7/25/2006	7.74	<0.001	<0.01	0.038	<0.002	<0.005	4.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	n/a	<0.02	0.026	0.014	
	9/8/2006	7.51	<0.001	<0.01	0.037	<0.002	<0.005	4.9	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/7/2007	7.23	<0.001	<0.01	0.037	<0.002	<0.005	4.7	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	5/24/2007	12.84	<0.001	0.0015	0.038	<0.002	<0.005	4.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	8/25/2007	7.19	<0.001	<0.01	0.033	<0.002	<0.005	6.4	<0.01	<0.01	<0.02	<0.1	0.0065	<0.01	<0.0002	<0.02	0.033	<0.01	
	11/6/2007	6.99	<0.001	<0.001	0.033	<0.002	<0.005	6.4	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/22/2008	7.18	<0.001	0.001	0.035	<0.002	<0.005	5.3	<0.01	0.0013	<0.02	0.21	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	4/29/2008	7.39	<0.001	<0.001	0.038	<0.001	0.00067	6	<0.01	<0.01	<0.001	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2008	7.3	<0.001	0.001	0.036	<0.001	<0.005	4.8	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	11/18/2008	7.1	<0.001	<0.001	0.037	<0.002	<0.005	5.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/20/2009	7.53	<0.001	<0.001	0.037	<0.001	0.0015	4.5	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	5/20/2009	7.05	<0.001	<0.001	0.035	<0.001	0.00053	5.5	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	8/19/2009	6.14	<0.001	<0.001	0.036	<0.001	0.00097	5.5	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	12/14/2009	6.97	<0.001	0.0035	0.043	<0.002	<0.005	6	<0.01	<0.01	<0.02	2	0.032	0.092	<0.0002	<0.02	<0.02	<0.01	
	3/22/2010	6.95	<0.001	0.0005	0.038	<0.001	0.00055	6.3	<0.01	<0.01	0.00056	0.38	0.001	0.02	<0.0002	<0.02	<0.001	<0.01	
	6/17/2010	n/a	<0.001	0.00093	0.04	<0.001	0.0016	6.3	<0.01	<0.01	0.00077	0.59	0.0018	0.033	<0.0002	<0.02	<0.001	<0.01	
	9/22/2010	6.93	0.00053	0.0013	0.036	0.00091	0.0017	5.8	0.004	<0.01	0.00077	0.36	0.0017	0.017	<0.0002	<0.02	<0.001	<0.01	
	12/7/2010	6.81	0.00																

NABORS Landfill Historic Data

	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	
MW-7	3/10/2015	n/a	<0.00021	<0.00025	0.03	<0.00012	<0.00016	2.4	<0.0014	<0.0023	<0.00052	0.2	0.0067	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	3/10/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	6/8/2015	n/a	<0.00021	<0.00025	0.03	<0.00012	<0.00016	2.4	<0.0014	<0.0023	<0.00052	0.27	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	9/15/2015	n/a	<0.00021	<0.00025	0.0296	<0.00012	<0.00016	2.43	<0.00054	<0.00026	<0.00052	<0.015	0.002	0.0174	<4.9E-05	<0.00035	<0.00038	<0.00031	
	12/15/2015	n/a	<0.00021	<0.00025	0.0277	<0.00012	<0.00016	2.11	<0.00054	<0.00026	<0.00052	0.125	<0.00024	0.0143	<4.9E-05	<0.00035	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	<0.00025	0.0274	<0.00012	<0.00016	2.53	<0.00054	<0.00026	<0.00052	0.155	<0.00024	0.00655	<4.9E-05	<0.00035	<0.00038	<0.00031	
	6/28/2016	n/a	<0.000754	<0.00025	0.0289	<0.00012	<0.00016	2.09	<0.00054	<0.00026	<0.00052	0.147	<0.00024	0.00741	<4.9E-05	<0.00035	<0.00038	<0.00031	
	9/20/2016	n/a	<0.002	<0.002	0.0257	<0.002	<0.001	2.28	<0.002	<0.002	<0.005	0.338	<0.002	0.00864	<0.0002	<0.002	<0.002	<0.002	
	12/20/2016	n/a	<0.002	<0.002	0.0277	<0.002	<0.001	2.48	<0.002	<0.002	<0.005	0.143	<0.002	0.00802	<0.0002	<0.002	<0.002	<0.002	
	3/28/2017	n/a	<0.002	<0.002	0.0271	<0.002	<0.001	2.26	0.00313	<0.002	<0.005	0.181	<0.002	0.0058	<0.0002	<0.002	<0.002	<0.002	
	9/27/2017	n/a	<0.002	<0.002	0.0268	<0.002	<0.001	2.91	<0.002	<0.002	<0.005	<0.1	<0.002	0.00569	<0.0002	<0.002	<0.002	<0.002	
	4/20/2018	n/a	<0.01*	<0.0234*	0.0359	<0.000416*	<0.0012*	1.72	<0.0125*	0.000699	<0.005*	0.5	<0.0156*	0.00954	2.50E-05	<0.01*	<0.052*	<0.0208*	
	10/23/2018	n/a	<0.036*	<0.0235*	0.0311	<0.000624*	<0.0012*	1.67	0.00233	<0.0135*	<0.005*	0.321	<0.0156*	0.0241	2.50E-05	0.003	<0.052*	<0.0208*	
	d																		
		4/13/1999	6.74	<0.006	<0.005	<0.1	<0.002	<0.003	9	<0.01	<0.02	<0.005	0.277	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		7/28/1999	6.93	<0.006	<0.005	<0.1	<0.002	<0.003	7	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/12/1999	7.06	<0.006	<0.005	0.53	<0.002	<0.003	7	<0.01	<0.02	<0.005	0.069	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		1/25/2000	7.07	<0.006	0.005	0.43	<0.002	<0.003	8	<0.01	<0.02	<0.005	0.07	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/26/2000	6.96	<0.006	<0.005	0.38	<0.002	<0.003	8	<0.01	<0.02	<0.005	0.2	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/18/2000	6.96	<0.006	<0.005	0.4	<0.002	<0.003	6.5	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/19/2001	7.05	<0.006	<0.005	<0.1	<0.002	<0.003	7	<0.01	<0.02	<0.005	0.037	<0.005	<0.05	n/a	<0.05	<0.01	<0.01
		10/25/2001	7.01	<0.006	<0.005	0.18	<0.002	<0.003	7.25	<0.01	<0.02	<0.005	0.15	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/18/2002	6.96	<0.006	<0.005	0.318	<0.002	<0.003	4	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/31/2002	7.12	<0.006	<0.005	2.67	<0.002	<0.003	6.5	<0.01	<0.02	<0.005	0.118	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/15/2003	6.98	<0.006	<0.005	0.026	<0.002	<0.003	7	<0.01	<0.02	<0.005	0.046	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/29/2003	7.07	<0.006	<0.005	0.279	<0.002	<0.003	6.2	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/13/2004	7.16	<0.006	<0.005	0.432	<0.002	<0.003	5	<0.01	<0.02	<0.005	0.153	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		10/20/2004	7.02	<0.006	<0.005	0.071	<0.002	<0.003	4.5	<0.01	<0.02	<0.005	<0.03	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
		4/14/2005	6.77	<0.002	0.00158	0.0254	<0.00018	0.000506	<5	0.000293	<0.02	<0.002	0.539	0.00114	<0.03	n/a	<0.01	<0.003	<0.001
		10/11/2005	6.62	<0.006	0.00153	0.0775	0.00187	0.000421	9	<0.00045	<0.05	<0.01	0.179	<0.005	0.632	n/a	0.0145	<0.01	<0.003
		4/4/2006	7.6	<0.002	<0.005	<0.05	<0.00018	<0.0003	<5	0.000705	<0.1	<0.002	<0.03	<0.001	0.124	n/a	<0.1	<0.005	<0.00057
		7/27/2006	7.62	<0.001	<0.01	0.18	<0.002	<0.005	1.7	<0.01	<0.01	<0.02	<0.1	<0.005	0.1	n/a	<0.02	0.021	<0.01
		9/6/2006	7.41	<0.001	<0.01	0.19	<0.002	<0.005	1.6	<0.01	<0.01	<0.02	<0.1	<0.005	0.2	<0.0002	<0.02	<0.02	<0.01
		2/7/2007	7.36	<0.001	<0.001	0.15	<0.002	<0.005	1.7	<0.01	<0.01	<0.02	<0.1	<0.005	0.16	<0.0002	<0.02	<0.02	<0.01
		5/24/2007	8.27	<0.001	<0.001	0.16	<0.002	<0.005	2.5	<0.01	<0.01	<0.02	<0.1	<0.005	0.091	<0.0002	<0.02	<0.02	<0.01
		8/25/2007	7.26	<0.001	<0.001	0.15	<0.002	<0.005	1.7	<0.01	<0.01	<0.02	<0.1	0.005	0.13	<0.0002	<0.02	0.039	<0.01
	11/6/2007	6.93	<0.001	<0.001	0.16	<0.002	<0.005	2.7	<0.01	<0.01	<0.02	<0.1	<0.005	0.086	<0.0002	<0.02	<0.02	<0.01	
	2/22/2008	7.21	<0.001	<0.001	0.14	<0.002	<0.005	2.3	<0.01	<0.01	<0.02	<0.1	<0.005	0.036	<0.0002	<0.02	<0.02	<0.01	
	4/29/2008	7.35	<0.001	<0.001	0.12	<0.001	<0.005	2.1	<0.01	<0.01	<0.001	<0.1	<0.005	0.025	<0.0002	<0.02	<0.001	<0.01	
	8/19/2008	7.26	<0.001	<0.001	0.14	<0.001	<0.005	1.7	<0.01	<0.01	<0.02	<0.1	<0.005	0.07	<0.0002	<0.02	<0.02	<0.01	
	11/18/2008	7.18	<0.001	<0.001	0.14	<0.002	<0.005	2.9	<0.01	<0.01	<0.02	<0.1	<0.005	0.099	<0.0002	<0.02	<0.02	<0.01	
	2/20/2009	7.3	<0.001	<0.001	0.12	<0.001	<0.0005	2.8	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	5/20/2009	6.98	<0.001	<0.001	0.1	<0.001	<0.005	3.7	<0.01	<0.01	<0.001	<0.1	<0.001	0.027	<0.0002	<0.02	<0.001	0.034	
	8/27/2009	6.12	<0.001	0.0015	0.15	<0.001	0.001	2.8	<0.01	<0.01	0.0022	0.35	0.002	0.85	<0.0002	<0.02	<0.001	<0.01	
	12/18/2009	6.9	<0.001	0.00045	0.13	<0.002	<0.005	3.5	<0.01	0.0073	0.0045	0.29	<0.005	0.74	8.00E-05	0.0054	0.02	<0.01	
	3/23/2010	7.09	<0.001	<0.001	0.12	<0.001	<0.0005	2.1	<0.01	0.005	0.0012	0.11	<0.001	0.41	<0.0002	0.054	<0.001	0.0037	
	6/17/2010	n/a	<0.001	0.00052	0.12	<0.001	<0.0005	2.5	<0.01	<0.01	0.00059	0.085	<0.001	0.34	<0.0002	0.0074	<0.001	<0.01	
	9/23/2010	6.91	<0.001	0.00041	0.082	<0.001	<0.0005	2.5	<0.01	<0.01	<0.002	<0.1	<0.001	0.086	<0.0002	<0.02	<0.001	<0.01	
	12/8/2010	6.72	0.00039	0.00073	0.07	0.00049	0.00034	3.2	<0.01	0.0025	0.00095	0.067	0.0008	0.36	<0.0002	0			

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	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)
NAB-2	9/20/2012 d	n/a	<0.001	0.0081	0.034	<0.001	<0.0005	3	<0.01	<0.01	<0.002	0.41	0.0018	0.033	<0.0002	<0.02	<0.001	<0.01
	7/25/2006	7.63	<0.001	0.02	0.028	<0.002	<0.005	2.2	<0.01	<0.01	<0.02	<0.1	<0.005	0.023	n/a	<0.02	0.023	<0.01
	9/7/2006	7.35	<0.001	0.11	0.031	<0.002	<0.005	3.9	<0.01	<0.01	<0.02	0.33	<0.005	0.033	<0.0002	<0.02	<0.02	<0.01
	2/7/2007	7.18	<0.001	0.012	0.024	<0.002	<0.005	1.7	<0.01	<0.01	<0.02	0.1	<0.005	0.016	<0.0002	<0.02	<0.02	<0.01
	5/24/2007	8.36	<0.001	0.013	0.024	<0.002	<0.005	2.4	<0.01	<0.01	<0.02	<0.1	<0.005	0.014	<0.0002	<0.02	<0.02	<0.01
	8/25/2007	7.21	<0.001	0.0079	0.02	<0.002	<0.005	1.5	<0.01	<0.01	<0.02	<0.1	<0.025	0.01	<0.0002	<0.02	<0.02	<0.01
	11/6/2007	6.9	<0.001	0.044	0.023	<0.002	<0.005	1.9	<0.01	<0.01	<0.02	0.14	0.016	0.019	<0.0002	<0.02	<0.02	<0.01
	2/22/2008	7.01	<0.001	0.013	0.024	<0.002	<0.005	2.2	<0.01	<0.01	<0.02	<0.1	<0.005	0.016	<0.0002	<0.02	<0.02	<0.01
	4/29/2008	7.07	<0.001	0.021	0.023	<0.001	<0.0005	1.6	<0.01	<0.01	<0.001	<0.1	<0.005	0.013	<0.0002	<0.02	<0.001	<0.01
	8/19/2008	7.33	<0.001	0.027	0.023	<0.001	<0.005	1.7	<0.01	<0.01	<0.02	<0.1	<0.005	0.013	<0.0002	<0.02	<0.02	<0.01
	11/18/2008	7.15	<0.001	0.025	0.023	<0.002	<0.005	2.6	0.011	<0.01	<0.02	0.3	0.0055	0.013	<0.0002	0.044	<0.02	<0.01
	2/20/2009	7.19	<0.001	0.018	0.022	<0.001	<0.005	2.5	<0.01	<0.01	0.001	<0.1	0.0017	<0.01	<0.0002	<0.02	<0.001	<0.01
	5/20/2009	6.9	<0.001	0.013	0.022	<0.001	<0.005	2.5	<0.01	<0.01	<0.001	<0.1	<0.001	0.015	<0.0002	<0.02	<0.001	<0.01
	8/19/2009	6.13	<0.001	0.011	0.025	<0.001	<0.0005	2.3	<0.01	<0.01	<0.002	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01
	12/16/2009	7.39	0.00063	0.028	0.023	<0.002	<0.005	2.6	<0.01	<0.01	<0.02	0.14	0.0023	0.0084	3.00E-05	<0.02	0.0098	<0.01
	3/23/2010	7.29	<0.001	0.046	0.024	<0.001	<0.0005	3.2	<0.01	0.0023	<0.002	0.35	0.0019	0.015	<0.0002	<0.02	<0.001	0.0058
	6/17/2010	n/a	0.00091	0.042	0.023	<0.001	<0.0005	2.3	<0.01	<0.01	0.00065	0.43	0.0029	0.012	<0.0002	<0.02	<0.001	<0.01
	9/21/2010	6.77	0.00043	0.12	0.025	<0.001	<0.0005	2.2	<0.01	<0.01	0.00065	1	0.0068	0.027	<0.0002	<0.02	<0.001	<0.01
	12/7/2010	6.86	0.00082	0.11	0.025	0.00056	0.00034	2.4	0.003	<0.01	0.0013	1.6	0.01	0.041	<0.0002	<0.02	<0.001	<0.01
	3/22/2011	7.04	<0.001	0.052	0.023	<0.001	<0.0005	2.5	<0.01	<0.01	<0.002	0.48	0.0028	0.019	<0.0002	<0.02	<0.001	<0.01
	6/29/2011	6.82	<0.001	0.052	0.023	<0.001	<0.0005	2.6	<0.01	<0.01	<0.002	0.44	0.0032	0.013	<0.0002	<0.02	<0.001	<0.01
	9/28/2011	n/a	<0.001	0.039	0.025	<0.001	<0.0005	2.7	<0.01	<0.01	<0.002	0.42	0.0033	0.019	3.00E-05	0.0078	<0.001	<0.01
	6/21/2012	n/a	<0.001	0.082	0.032	<0.001	<0.0005	3	<0.01	<0.01	0.0031	1.1	0.0086	0.03	<0.0002	<0.02	<0.001	<0.01
	9/20/2012	n/a	<0.001	0.11	0.035	<0.001	<0.0005	2.9	<0.01	<0.01	<0.002	2.6	0.02	0.066	<0.0002	<0.02	<0.001	<0.01
	3/9/2015	n/a	<0.00021	0.0066	0.048	<0.00012	<0.00016	4.2	<0.0014	<0.0023	<0.00052	<0.014	0.0062	0.013	<4.9E-05	<0.0049	<0.00038	<0.0028
	3/9/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/9/2015	n/a	<0.00021	0.0051	0.048	<0.00012	<0.00016	4.7	<0.0014	<0.0023	<0.00052	0.16	<0.00024	0.017	<4.9E-05	<0.0049	<0.00038	<0.0028
	9/16/2015	n/a	<0.00021	0.00352	0.0344	<0.00012	<0.00016	5.27	<0.00054	<0.00026	<0.00052	0.19	0.0029	0.0224	<4.9E-05	0.00626	<0.00038	<0.00031
	12/15/2015	n/a	<0.00021	0.00557	0.0506	<0.00012	<0.00016	5.72	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.017	<4.9E-05	0.00308	<0.00038	<0.00031
	3/29/2016	n/a	<0.00021	0.00642	0.0317	<0.00012	<0.00016	6.98	<0.00054	<0.00026	<0.00052	0.103	<0.00024	0.0167	<4.9E-05	0.00322(B)	<0.00038	<0.00031
	6/28/2016	n/a	<0.000754	0.00524	0.0501	<0.00012	<0.00016	6.5	<0.00054	<0.00026	<0.00052	0.108	<0.00024	0.0159	<4.9E-05	0.00329	<0.00038	<0.00031
	9/20/2016	n/a	<0.002	0.0183	0.041	<0.002	<0.001	8.12	0.0803	<0.002	0.0124	1.86	0.0105	0.056	<0.0002	0.0512	<0.002	<0.002
	12/20/2016	n/a	<0.002	0.00628	0.0394	<0.002	<0.001	10.4	0.00577	<0.002	<0.005	0.536	0.00316	0.0174	<0.0002	0.00586	<0.002	<0.002
	3/29/2017	n/a	<0.002	0.00466	0.062	<0.002	<0.001	9.73	<0.002	<0.002	<0.005	<0.1	<0.002	0.0147	<0.0002	0.00252	<0.002	<0.002
	10/26/2018	n/a	<0.036*	<0.0235*	0.0661	<0.000624*	<0.0012*	11.9	<0.0125*	<0.0135*	0.002	0.184	<0.0156*	0.0252	<0.0002*	0.005	<0.052*	<0.0208*
NAB-3	d																	
	7/25/2006	7.89	<0.001	<0.01	0.031	<0.002	<0.005	1.9	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	n/a	<0.02	<0.02	<0.01
	9/8/2006	7.58	<0.001	<0.01	0.032	<0.002	<0.005	1.7	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
	2/7/2007	7.18	<0.001	<0.01	0.036	<0.002	<0.005	1.7	<0.01	<0.01	<0.02	0.13	<0.005	0.031	<0.0002	<0.02	<0.02	<0.01
	5/24/2007	8.11	<0.001	0.0012	0.04	<0.002	<0.005	2.9	<0.01	<0.01	<0.02	<0.1	<0.005	0.076	<0.0002	<0.02	<0.02	<0.01
	8/25/2007	7.29	<0.001	<0.01	0.032	<0.002	<0.005	1.9	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
	11/6/2007	6.87	<0.001	<0.01	0.036	<0.002	<0.005	2.3	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
	2/22/2008	6.28	<0.001	<0.001	0.032	<0.002	<0.005	2.6	<0.01	<0.01	<0.02	0.13	<0.005	0.02	<0.0002	<0.02	<0.02	<0.01
	4/29/2008	7.34	<0.001	<0.001	0.036	<0.001	<0.0005	3.1	<0.01	<0.01	0.0011	<0.1	<0.005	<0.01	0.00012	<0.02	<0.001	<0.01
	8/19/2008	7.26	<0.001	0.0066	0.037	<0.001	<0.005	2.7	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	0.12
	11/18/2008	7.03	<0.001	<0.001	0.038	<0.002	<0.005	4.5	0.011	<0.01	<0.02	<0.1	<0.005	0.018	<0.0002	0.044	<0.02	<0.01
	2/20/2009	7.06	<0.001	<0.001	0.042	<0.001	0.00056	4.6	<0.01	<0.01	0.0012	0.12	<0.001	0.016	<0.0002	<0.02	<0.001	<0.01
	5/20/2009	6.81	<0.001	<0.001	0.036	<0.001	<0.005	3.7	<0.01	<0.01	<0.001	<0.1	<0.001	0.021	<0.0002	<0.02	<0.001	<0.01
	8/19/2009	6.07	<0.001	0.0011	0.044	<0.001	0.00068	3.7	<0.01	<0.01	<0.001	<0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01
	12/15/2009	6.83	<0.001	0.001	0.05	<0.002	<0.005	3.9	<0.01	<0.01	<0.02	0.16	<0.005	0.17	0.00028	<0.02	<0.1	<0.01
	3/23/2010	6.89	<0.001	0.002	0.039	<0.001	<0.0005	2.4	0.0017	0.0029	0.00062	0.12	<0.001	0.095	5.00E-05	<0.02	<0.001	0.004
	6/17/2010	n/a	<0.001	0.0009	0.047	<0.001	0.00049	2.8	0.0018	<0.01	0.0012	0.42	0.00075	0.16	0.00018	<0.02	<0.001	<0.01
	9/21/2010	6.31	<0.001	0.0013	0.052	<0.001	0.0011	4.4	<0.01	0.002	0.002	0.44	0.0022	0.32	0.0002	<0.02	<0.001	<0.01
	12/7/2010	6.57	0.0004	0.00095	0.048	0.00051	0.00088	4.4	<0.01	<0.01	0.0013	0.13	0.0011	0.14	9.00E-05	<0.02	<0.001	0.0091
	3/22/2011	6.83	<0.001	<0.001	0.052	<0.001	0.00024	4.2	<0.01	<0.01	0.0014	0.22	0.0013	0.34	3.00E-05	<0.02	<0.001	<0.01
	6/29/2011	6.57	<0.001	<0.001	0.042	<0.001	<0.0005	3.6	<0.01	<0.01	0.0016	0.16	0.0008	0.27	8.00E-05	<0.02	<0.001	<0.01
	9/28/2011	n/a	0.00055	0.0023	0.044	0.00038	0.002	3.3	<0.01	0.004	0.0029	0.82	0.0041	0.79	0.00019	0.011	<0.001	<0.01
	6/20/2012	n/a	<0.001	0.0018	0.054	<0.001	0.0026	3.5	<0.01	<0.01	0.0043	0.98	0.0045	0.82	<0.0002	<0.02	<0.001	<

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	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	
NAB-7	12/8/2010	6.82	<0.001	0.0039	0.024	<0.001	0.0023	4	<0.01	<0.01	<0.002	0.31	0.0022	0.019	<0.0002	0.013	<0.001	0.0099	
	3/22/2011	6.9	<0.001	0.0053	0.024	<0.001	0.0016	3.9	<0.01	<0.01	0.00083	0.23	0.0024	0.018	<0.0002	0.0097	<0.001	<0.01	
	6/28/2011	6.62	<0.001	0.011	0.028	<0.001	0.0018	3.7	0.003	0.002	<0.002	0.25	0.0031	0.019	<0.0002	0.012	<0.001	<0.01	
	9/28/2011	n/a	0.0021	0.016	0.03	0.00032	0.0032	3.8	<0.01	<0.01	0.0032	0.37	0.0037	0.021	3.00E-05	0.016	<0.005	0.0041	
	6/21/2012	n/a	<0.001	0.011	0.033	<0.001	0.0024	3.9	<0.01	<0.01	0.005	0.43	0.0028	0.027	<0.0002	<0.02	<0.001	<0.01	
	9/20/2012	n/a	<0.001	0.02	0.032	<0.001	0.0017	3.7	<0.01	<0.01	<0.002	0.74	0.0054	0.04	<0.0002	<0.02	<0.001	<0.01	
	3/10/2015	n/a	<0.00021	0.0033	0.043	<0.00012	0.0012	3.7	<0.0014	<0.0023	<0.00052	<0.014	<0.0019	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	3/10/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	6/9/2015	n/a	<0.00021	0.0027	0.05	<0.00012	0.0016	3.7	<0.0014	<0.0023	<0.00052	<0.014	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028	
	9/15/2015	n/a	<0.00021	0.00362	0.0495	<0.00012	0.00134	4.05	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00806	<4.9E-05	0.0147	<0.00038	<0.00031	
	12/15/2015	n/a	<0.00021	0.00338	0.0483	<0.00012	0.00142	3.41	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00768	<4.9E-05	0.0102	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	0.00213	0.0565	<0.00012	0.00165	3.87	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	0.0111(B)	<0.00038	<0.00031	
	6/28/2016	n/a	<0.000754	<0.00025	0.0587	<0.00012	0.00156	3.59	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	0.011	<0.00038	<0.00031	
	9/20/2016	n/a	<0.002	0.00237	0.04	<0.002	0.00104	4.03	<0.002	<0.002	<0.005	<0.1	<0.002	<0.005	<0.0002	0.0117	<0.002	<0.002	
	12/20/2016	n/a	<0.002	0.00458	0.0419	<0.002	0.00128	4.11	0.00571	<0.002	<0.005	0.247	<0.002	0.0166	<0.0002	0.0187	<0.002	<0.002	
	3/28/2017	n/a	<0.002	0.00446	0.0446	<0.002	0.0012	3.7	<0.002	<0.002	<0.005	<0.1	<0.002	0.00621	<0.0002	0.00969	<0.002	<0.002	
	4/18/2018	n/a	<0.01*	<0.0234*	0.0462	<0.000416*	<0.0012*	3.41	<0.0125*	<0.01*	<0.005*	0.145	<0.0156*	<0.0104*	<0.0002*	0.01	<0.052*	<0.0208*	
	11/2/2018	n/a	<0.036*	0.00696	0.0435	<0.000624*	0.00133	4.38	<0.0125*	<0.0135*	<0.005*	0.176	<0.0156*	0.00745	<0.0002*	0.015	<0.052*	<0.0208*	
	d																		
	7/25/2006	7.89	<0.001	<0.01	0.019	<0.002	<0.005	1.4	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	n/a	<0.02	<0.02	<0.01	
	9/8/2006	7.5	<0.001	<0.01	0.017	<0.002	<0.005	1.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/7/2007	7.39	<0.001	0.0056	0.02	<0.002	<0.005	1.5	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	5/24/2007	8.18	<0.001	0.0017	0.026	<0.002	<0.005	2.5	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	8/25/2007	7.3	<0.001	0.0014	0.018	<0.002	<0.005	1.5	<0.01	<0.01	<0.02	<0.1	0.0066	<0.01	<0.0002	<0.02	0.024	<0.01	
	11/6/2007	6.91	<0.001	0.0029	0.019	<0.002	<0.005	1.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	2/22/2008	7.35	0.0016	0.0055	0.022	<0.002	<0.005	3.4	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	4/29/2008	7.14	<0.001	0.0055	0.02	<0.001	<0.0005	2	<0.01	<0.01	<0.001	<0.1	<0.005	0.012	<0.0002	<0.02	<0.001	<0.01	
	8/19/2008	7.47	<0.001	<0.001	0.019	<0.001	<0.005	1.6	<0.01	<0.01	<0.02	<0.1	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
11/18/2008	7.22	0.0012	0.0067	0.02	<0.002	<0.005	2.5	<0.01	<0.01	<0.02	<0.1	0.0086	<0.01	<0.0002	<0.02	<0.02	<0.01		
2/20/2009	7.29	0.001	0.0013	0.02	<0.001	0.00056	3.1	<0.01	<0.01	<0.001	0.04	0.001	<0.01	<0.0002	<0.02	<0.001	<0.01		
5/20/2009	6.81	<0.001	0.0021	0.018	<0.001	0.00058	2.6	<0.01	<0.01	<0.001	<0.1	<0.001	0.01	<0.0002	<0.02	<0.001	<0.01		
8/27/2009	6.14	<0.001	0.0038	0.027	<0.001	0.00062	2.2	<0.01	<0.01	<0.002	0.14	0.0029	0.014	<0.0002	<0.02	<0.001	<0.01		
12/18/2009	7.03	0.00024	0.014	0.023	0.00086	<0.005	3.3	0.0023	0.0017	<0.02	0.89	0.04	0.024	7.00E-05	<0.02	0.0086	<0.01		
3/23/2010	7.11	<0.001	0.0046	0.02	<0.001	<0.0005	2.8	<0.01	0.002	0.00069	0.53	0.016	0.024	<0.0002	0.0099	<0.001	0.0033		
6/17/2010	n/a	0.00051	0.0021	0.022	<0.001	<0.0005	2.4	<0.01	<0.01	<0.002	0.12	0.0043	0.0073	<0.0002	0.0083	<0.001	<0.01		
9/23/2010	7.02	<0.001	0.0075	0.021	<0.001	<0.0005	2	<0.01	<0.01	<0.002	0.35	0.018	0.0052	<0.0002	0.0054	<0.001	<0.01		
12/8/2010	6.8	0.00066	0.041	0.022	0.0006	0.00026	2.1	<0.01	<0.01	0.00053	3	0.094	0.02	<0.0002	0.0095	<0.001	<0.01		
3/22/2011	7.09	<0.001	0.016	0.021	<0.001	<0.0005	4.3	<0.01	0.0023	<0.002	1.1	0.042	0.016	<0.0002	0.0094	<0.001	<0.01		
6/28/2011	6.91	<0.001	0.013	0.021	<0.001	<0.0005	2.2	<0.01	<0.01	<0.002	1.1	0.041	0.023	<0.0002	0.0057	<0.001	<0.01		
9/28/2011	n/a	<0.001	0.012	0.02	<0.001	<0.0005	2	<0.01	<0.01	<0.002	0.72	0.021	0.0074	3.00E-05	0.013	<0.001	<0.01		
6/21/2012	n/a	<0.001	0.13	0.028	<0.001	<0.0005	2.2	<0.01	<0.01	<0.002	10	0.36	0.027	<0.0002	<0.02	<0.001	<0.01		
9/20/2012	n/a	<0.001	0.042	0.024	<0.001	<0.0005	2	<0.01	0.036	<0.002	3	0.13	0.25	<0.0002	<0.02	<0.001	<0.01		
3/10/2015	n/a	<0.00021	<0.00025	0.029	<0.00012	<0.00016	6.7	<0.0014	<0.0023	<0.00052	<0.014	<0.0019	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028		
3/10/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
6/9/2015	n/a	<0.00021	0.0022	0.025	<0.00012	<0.00016	3.4	<0.0014	<0.0023	<0.00052	0.16	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028		
9/15/2015	n/a	<0.00021	0.0049	0.0234	<0.00012	<0.00016	3.08	<0.00054	<0.00026	<0.00052	0.262	0.00579	0.00846	<4.9E-05	0.0074	<0.00038	<0.00031		
12/15/2015	n/a	<0.00021	0.00283	0.0346	<0.00012	<0.00016	3.53	<0.00054	<0.00026	<0.00052	0.12	0.00232	0.00603	<4.9E-05	0.00468	<0.00038	<0.00031		
3/29/2016	n/a	<0.00021	0.00912	0.0287	<0.00012	<0.00016	3.28	<0.00054	<0.00026	<0.00052	0.805	0.0101	0.00972	<4.9E-05	0.0065(B)	<0.00038	<0.00031		
6/28/2016	n/a	<0.000754	0.00341	0.0241	<0.00012	<0.00016	2.03	<0.00054	0.00207	<0.00052	0.172	<0.00024	0.0154	<4.9E-05	0.00442	<0.00038	<0.00031		
9/20/2016	n/a	<0.002	0.00497	0.0206	<0														

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	Date	pH (S.U.)	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)
NE-3	3/10/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/8/2015	n/a	<0.00021	0.0069	0.018	<0.00012	<0.00016	36	<0.0014	<0.0023	<0.00052	5	<0.00024	0.069	<4.9E-05	0.03	<0.00038	<0.0028
	9/16/2015	n/a	<0.00021	0.00392	0.0199	<0.00012	<0.00016	30.6	<0.00054	0.00266	<0.00052	0.988	0.00208	0.066	<4.9E-05	0.012	<0.00038	<0.00031
	12/14/2015	n/a	<0.00021	0.00377	0.0246	<0.00012	<0.00016	28.9	<0.00054	<0.00026	<0.00052	1.02	<0.00024	0.0591	<4.9E-05	0.0125	<0.00038	<0.00031
	3/28/2016	n/a	<0.00021	0.00409	0.0186	<0.00012	<0.00016	27.9	<0.00054	<0.00026	<0.00052	1.83	<0.00024	0.0454	<4.9E-05	0.0113(B)	<0.00038	<0.00031
	6/27/2016	n/a	<0.000754	0.00472	0.0192	<0.00012	<0.00016	25.9	<0.00054	0.00236	<0.00052	1.52	<0.00024	0.0528	<4.9E-05	0.0108	<0.00038	<0.00031
	9/19/2016	n/a	<0.002	0.00469	0.0199	<0.002	<0.001	25.1	<0.002	0.00282	<0.005	1.67	<0.002	0.0656(01)	<0.0002	0.00944	<0.002	<0.002
	12/19/2016	n/a	<0.002	<0.002	0.0185	<0.002	<0.001	24.9	<0.002	<0.002	<0.005	0.6	<0.002	0.022	<0.0002	0.00719	<0.002	<0.002
	3/27/2017	n/a	<0.002	<0.002	0.019	<0.002	<0.001	24.7	<0.002	<0.002	<0.005	0.276	<0.002	0.0266	<0.0002	0.00784	<0.002	<0.002
	9/26/2017	n/a	<0.002	<0.002	0.0202	<0.002	<0.001	24.9	<0.002	<0.002	<0.005	0.414	<0.002	0.0344	<0.0002	0.00786	<0.002	<0.002
	4/21/2018	n/a	0.003	<0.0234*	0.0207	0.000121	<0.0012*	23.1	<0.0125*	0.00494	<0.005*	0.631	<0.0156*	0.0822	2.50E-05	0.007	<0.052*	<0.0208*
	10/30/2018 d	n/a	<0.036*	0.0256	0.132	<0.000624*	<0.0012*	18.3	0.0179	0.00945	0.008	5.22	0.0272	0.229	<0.0002*	0.04	<0.052*	<0.0208*
	NE-4	6/20/2012	n/a	<0.001	0.016	0.16	<0.001	0.0015	2.2	0.05	0.012	0.019	14	0.039	0.48	<0.0002	0.032	0.0013
9/20/2012		n/a	<0.001	0.0037	0.12	<0.001	0.00072	1.8	<0.01	<0.01	<0.002	1.4	0.023	0.055	<0.0002	<0.02	<0.001	<0.01
3/11/2015		n/a	<0.00021	<0.00025	0.15	<0.00012	<0.00016	5.5	<0.0014	<0.0023	<0.00052	<0.014	0.0067	0.026	<4.9E-05	<0.0049	<0.00038	<0.0028
3/11/2015		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6/10/2015		n/a	<0.00021	0.0034	0.18	<0.00012	<0.00016	6.3	<0.0014	<0.0023	<0.00052	1	0.0031	0.096	<4.9E-05	<0.0049	<0.00038	<0.0028
9/16/2015		n/a	<0.00021	0.00229	<0.00036	<0.00012	<0.00016	6.56	<0.00054	<0.00026	<0.00052	0.151	<0.00024	0.0494	<4.9E-05	0.00337	<0.00038	<0.00031
12/15/2015		n/a	<0.00021	0.00281	0.131	<0.00012	<0.00016	5.61	0.00893	0.00206	<0.00052	1.21	0.00393	0.0768	<4.9E-05	0.0102	<0.00038	<0.00031
3/29/2016		n/a	<0.00021	<0.00025	0.131	<0.00012	<0.00016	6.2	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.026	<4.9E-05	0.00395	<0.00038	<0.00031
6/28/2016		n/a	<0.000754	<0.00025	0.153	<0.00012	<0.00016	5.89	<0.00054	<0.00026	<0.00052	0.127	<0.00024	0.0534	<4.9E-05	0.00332	<0.00038	<0.00031
9/20/2016		n/a	<0.002	<0.002	0.197	<0.002	<0.001	5.64	<0.002	<0.002	<0.005	<0.1	<0.002	0.0627(01)	<0.0002	<0.002	<0.002	<0.002
12/20/2016		n/a	<0.002	<0.002	0.128	<0.002	<0.001	5.54	<0.002	<0.002	<0.005	<0.1	<0.002	0.0329	<0.0002	0.00364	<0.002	<0.002
3/28/2017		n/a	<0.002	<0.002	0.152	<0.002	<0.001	5.8	<0.002	<0.002	<0.005	<0.1	<0.002	0.0191	<0.0002	0.00418	<0.002	<0.002
9/27/2017		n/a	<0.002	<0.002	0.167	<0.002	<0.001	6.9	<0.002	<0.002	<0.005	<0.1	<0.002	0.0562	<0.0002	<0.002	<0.002	<0.002
4/17/2018	n/a	<0.01*	<0.0234*	0.14	<0.000416*	<0.0012*	3.38	<0.0125*	<0.01*	<0.005*	0.125	<0.0156*	0.0268	<0.0002*	<0.01*	<0.052*	<0.0208*	
10/22/2018 d	n/a	<0.036*	<0.0235*	0.131	<0.000624*	<0.0012*	2.9	0.00183	<0.0135*	<0.005*	0.122	<0.0156*	0.0721	<0.0002*	0.006	<0.052*	<0.0208*	
NE-6	9/27/2017	n/a	<0.002	0.00311	0.0314	<0.002	<0.001	3.96	<0.002	<0.002	<0.005	0.145	<0.002	0.0119	<0.0002	0.00919	<0.002	<0.002
	4/30/2018	n/a	<0.01*	0.00787	0.0332	6.39E-05	<0.0012*	2.62	<0.0125*	0.000934	<0.005*	0.357	0.00428	0.0244	<0.0002*	0.008	<0.052*	<0.0208*
	10/30/2018 d	n/a	<0.036*	<0.0235*	0.047	<0.000624*	<0.0012*	5.31	<0.0125*	<0.0135*	<0.005*	0.164	<0.0156*	0.0202	<0.0002*	0.008	0.00566	<0.0208*
	RD-Spring	6/20/2012	n/a	<0.001	0.0063	0.031	<0.001	0.00085	2	<0.01	<0.01	<0.002	2.7	0.0023	0.036	<0.0002	<0.02	<0.001
9/20/2012		n/a	<0.001	0.004	0.033	<0.001	0.0005	2.1	<0.01	<0.01	<0.002	2	0.0023	0.027	<0.0002	<0.02	<0.001	<0.01
3/11/2015		n/a	<0.00021	<0.00025	0.03	<0.00012	<0.00016	2	<0.0014	<0.0023	<0.00052	<0.014	0.007	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028
3/11/2015		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6/9/2015		n/a	0.0037	<0.00025	0.032	<0.00012	<0.00016	2.3	<0.0014	<0.0023	<0.00052	<0.014	<0.00024	<0.0012	<4.9E-05	<0.0049	<0.00038	<0.0028
9/15/2015		n/a	<0.00021	<0.00025	0.0289	<0.00012	<0.00016	2.36	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00611	<4.9E-05	0.00475	<0.00038	<0.00031
12/14/2015		n/a	<0.00021	<0.00025	0.03	<0.00012	<0.00016	2.09	0.00405	<0.00026	<0.00052	<0.015	<0.00024	<0.00025	<4.9E-05	0.00499	<0.00038	<0.00031
3/29/2016		n/a	<0.00021	<0.00025	0.0292	<0.00012	<0.00016	2.42	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.00504	<4.9E-05	0.00472	<0.00038	<0.00031
6/28/2016		n/a	<0.000754	<0.00025	0.0326	<0.00012	<0.00016	2.08	<0.00054	<0.00026	<0.00052	0.185	<0.00024	0.0243	<4.9E-05	0.00397	<0.00038	<0.00031
9/20/2016		n/a	<0.002	<0.002	0.0293	<0.002	<0.001	2.24	<0.002	<0.002	<0.005	0.27	<0.002	0.00759	<0.0002	0.00331	<0.002	<0.002
12/21/2016		n/a	<0.002	<0.002	0.0328	<0.002	<0.001	2.3	0.00312	<0.002	<0.005	0.345	<0.002	0.0152	<0.0002	0.00782	<0.002	<0.002
3/29/2017		n/a	<0.002	<0.002	0.0311	<0.002	<0.001	2.21	<0.002	<0.002	<0.005	<0.1	<0.002	0.0095	<0.0002	0.00471	<0.002	<0.002
9/28/2017		n/a	<0.002	<0.002	0.0316	<0.002	<0.001	2.82	<0.002	<0.002	<0.005	0.309	<0.002	0.0201	<0.0002	0.00293	<0.002	<0.002
4/17/2018	n/a	<0.01*	<0.0234*	0.0299	0.000511	<0.0012*	1.56	<0.0125*	<0.0104*	<0.005*	0.139	<0.0156*	0.00466	2.50E-05	0.004	<0.052*	<0.0208*	
10/22/2018 d	n/a	<0.036*	<0.0235*	0.0343	<0.000624*	<0.0012*	1.83	0.00362	<0.0135*	<0.005*	0.246	<0.0156*	0.0122	<0.0002*	0.009	<0.052*	<0.0208*	
SP-5	7/18/2007 d	n/a	<0.001	0.0011	0.05	<0.002	<0.005	n/a	<0.01	<0.01	<0.02	1.6	<0.005	0.077	<0.0002	<0.02	<0.02	<0.01
	4/29/2008 d	8.23	<0.001	0.0015	0.14	<0.001	<0.0005	11	<0.01	<0.01	0.0011	<0.1	<0.005	1.2	<0.0002	<0.02	<0.001	<0.01
SP-7	7/18/2007	n/a	<0.001	0.0035	0.076	<0.002												

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	Date	pH	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chloride	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	
	(S.U.)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	
SPRINGB	8/25/2007	n/a	<0.001	<0.001	0.026	<0.002	<0.005	1.3	<0.01	<0.01	<0.02	0.36	<0.005	0.052	<0.0002	<0.02	<0.02	<0.01	
	11/6/2007	n/a	<0.001	0.001	0.062	<0.002	<0.005	1.4	<0.01	<0.01	<0.02	3.3	0.005	0.13	<0.0002	<0.02	<0.02	<0.01	
	2/22/2008	6.22	<0.001	0.0021	0.045	<0.002	<0.005	2.8	<0.01	<0.01	<0.02	2.6	<0.005	0.044	<0.0002	<0.02	<0.02	<0.01	
	4/29/2008	7.45	<0.001	0.0011	0.034	<0.001	<0.0005	2.3	<0.01	<0.01	<0.001	0.62	<0.005	0.15	<0.0002	<0.02	<0.001	<0.01	
	11/18/2008	8.04	<0.001	<0.001	0.034	<0.002	<0.005	2.1	<0.01	<0.01	<0.02	0.26	<0.005	0.081	<0.0002	<0.02	<0.02	<0.01	
	2/20/2009	7.64	<0.001	<0.001	0.045	<0.001	0.00054	2.8	<0.01	<0.01	<0.001	0.55	0.0012	0.062	<0.0002	<0.02	<0.001	<0.01	
	5/20/2009	7.15	<0.001	<0.001	0.029	<0.001	<0.005	2.5	<0.01	<0.01	<0.001	0.15	<0.001	0.059	<0.0002	<0.02	<0.001	<0.01	
	8/27/2009	6.29	<0.001	<0.001	0.041	<0.001	0.0018	3.9	<0.01	<0.01	<0.002	0.22	<0.001	0.12	<0.0002	<0.02	<0.001	<0.01	
	12/18/2009	n/a	<0.001	<0.001	0.044	<0.001	0.0012	5.2	<0.01	<0.01	<0.002	0.078	0.00029	0.12	3.00E-05	<0.02	<0.001	<0.01	
	3/23/2010	6.32	<0.001	<0.001	0.045	<0.001	0.00062	3.5	<0.01	<0.01	0.0012	0.58	0.00046	0.14	<0.0002	<0.02	<0.001	0.0034	
	6/17/2010	n/a	<0.005	<0.005	0.046	<0.001	0.0011	4.4	<0.01	<0.01	<0.01	0.098	<0.005	0.09	2.00E-05	<0.02	<0.005	<0.01	
	9/23/2010	6.92	<0.001	0.00089	0.034	<0.001	0.00035	2.2	<0.01	<0.01	<0.002	0.6	0.0014	0.074	<0.0002	<0.02	<0.001	<0.01	
	12/8/2010	7.61	0.0005	0.00054	0.039	0.0005	0.00068	3.5	<0.01	<0.01	<0.002	0.11	0.00048	0.038	<0.0002	<0.02	<0.001	<0.01	
	3/22/2011	7.24	<0.001	<0.001	0.043	<0.001	<0.0005	3.5	<0.01	<0.01	<0.002	0.11	<0.001	0.05	<0.0002	<0.02	<0.001	<0.01	
	6/28/2011	7.25	<0.001	<0.001	0.047	<0.001	<0.0005	4.9	<0.01	<0.01	<0.002	0.12	0.00038	0.056	<0.0002	<0.02	<0.001	<0.01	
	9/28/2011	n/a	<0.001	0.0031	0.037	<0.001	0.0003	3.2	<0.01	<0.01	<0.002	0.082	0.0008	0.14	5.00E-05	0.008	<0.001	<0.01	
	6/20/2012	n/a	<0.001	<0.001	0.041	<0.001	0.0013	4.6	<0.01	<0.01	<0.002	<0.1	<0.001	0.19	<0.0002	<0.02	<0.001	<0.01	
	9/19/2012	n/a	<0.001	<0.001	0.042	<0.001	<0.0005	3.9	<0.01	<0.01	<0.002	<0.1	<0.001	0.2	<0.0002	<0.02	<0.001	<0.01	
	3/11/2015	n/a	<0.00021	<0.00025	0.038	<0.00012	<0.00016	2	<0.0014	<0.0023	<0.00052	0.29	0.0098	0.02	<4.9E-05	<0.0049	<0.00038	<0.0028	
	3/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	6/10/2015	n/a	0.0028	<0.00025	0.049	<0.00012	<0.00016	3.6	<0.0014	<0.0023	<0.00052	<0.014	<0.00024	0.019	<4.9E-05	<0.0049	<0.00038	<0.0028	
	9/16/2015	n/a	<0.00021	<0.00025	0.0327	<0.00012	<0.00016	1.86	<0.00054	<0.00026	<0.00052	0.248	<0.00024	0.0795	<4.9E-05	<0.00035	<0.00038	<0.00031	
	12/16/2015	n/a	<0.00021	<0.00025	0.0328	<0.00012	<0.00016	1.03	<0.00054	<0.00026	<0.00052	0.516	<0.00024	0.0175	<4.9E-05	<0.00035	<0.00038	<0.00031	
	3/29/2016	n/a	<0.00021	<0.00025	0.0402	<0.00012	<0.00016	2.95	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.0327	<4.9E-05	<0.00035	<0.00038	<0.00031	
	6/28/2016	n/a	<0.000754	<0.00025	0.0278	<0.00012	<0.00016	1.88	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.0349	<4.9E-05	<0.00035	<0.00038	<0.00031	
	9/21/2016	n/a	<0.002	<0.002	0.0399	<0.002	<0.001	2.73	<0.002	<0.002	<0.005	<0.1	<0.002	0.229	<0.0002	0.00447	<0.002	<0.002	
	12/21/2016	n/a	<0.002	<0.002	0.0418	<0.002	0.00161	2.37	<0.002	<0.002	<0.005	0.118(B)	<0.002	0.327	<0.0002	0.00446	<0.002	<0.002	
	10/23/2018	n/a	<0.036*	<0.0235*	0.0384	<0.000624*	<0.0012*	1.1	<0.0125*	<0.0135*	<0.005*	0.143	<0.0156*	0.0192	2.50E-05	<0.01*	<0.052*	<0.0208*	
	TSP-1	1/31/2007	n/a	<0.001	0.001	0.084	<0.002	<0.005	4.1	<0.01	<0.01	<0.02	<0.1	<0.005	0.082	<0.0002	<0.02	<0.02	<0.01
		2/22/2008	4.67	<0.001	<0.001	0.068	<0.002	<0.005	6.6	<0.01	<0.01	<0.02	0.32	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01
		4/29/2008	7.5	<0.001	0.0034	0.099	<0.001	<0.0005	9	<0.01	0.013	0.0014	3.4	<0.005	2.6	<0.0002	<0.02	<0.001	<0.01
		2/20/2009	7.7	<0.001	<0.001	0.13	<0.001	<0.0005	15	<0.01	<0.01	<0.001	<0.1	<0.001	0.38	<0.0002	<0.02	<0.001	<0.01
12/18/2009		n/a	<0.001	0.0014	0.12	<0.001	<0.0005	39	<0.01	0.0046	<0.002	3.4	<0.001	1.4	3.00E-05	<0.02	0.00086	<0.01	
3/23/2010		7.56	<0.001	0.0022	0.056	<0.001	<0.0005	15	0.0035	0.0027	0.0032	2.5	0.0033	0.16	<0.0002	<0.02	0.00071	0.0036	
3/22/2011		7.55	<0.001	<0.001	0.14	<0.001	<0.0005	80	<0.01	<0.01	<0.002	0.18	<0.001	0.16	<0.0002	<0.02	<0.001	<0.01	
3/9/2015		n/a	<0.00021	<0.00025	0.12	<0.00012	<0.00016	76	<0.0014	<0.0023	<0.00052	0.37	0.0063	0.32	<4.9E-05	<0.0049	<0.00038	<0.0028	
3/9/2015		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
6/10/2015		n/a	0.0026	<0.00025	0.15	<0.00012	<0.00016	110	<0.0014	<0.0023	<0.00052	0.53	<0.00024	0.82	<4.9E-05	<0.0049	<0.00038	<0.0028	
9/16/2015		n/a	<0.00021	<0.00025	0.0931	<0.00012	<0.00016	109	<0.00054	<0.00026	<0.00052	<0.015	<0.00024	0.0742	<4.9E-05	0.00819	<0.00038	<0.00031	
12/16/2015		n/a	<0.00021	<0.00025	0.106	<0.00012	<0.00016	77.3	<0.00054	<0.00026	<0.00052	0.134	<0.00024	0.141	<4.9E-05	0.00585	<0.00038	<0.00031	
3/30/2016		n/a	<0.00021	<0.00025	0.103	<0.00012	<0.00016	99.3	<0.00054	<0.00026	<0.00052	0.111	<0.00024	0.0678	<4.9E-05	0.00633	<0.00038	<0.00031	
TSP-2	1/31/2007	n/a	<0.001	0.001	0.047	<0.002	<0.005	3.3	<0.01	<0.01	<0.02	0.34	<0.005	<0.01	<0.0002	<0.02	<0.02	<0.01	
	7/18/2007	n/a	<0.001	<0.001	0.052	<0.002	<0.005	4.2	<0.01	<0.01	<0.02	0.58	<0.005	0.081	<0.0002	<0.02	0.04	<0.01	
	2/22/2008	7.45	<0.001	<0.001	0.046	<0.002	<0.005	4.2	<0.01	<0.01	<0.02	0.72	<0.005	0.01	<0.0002	<0.02	<0.02	<0.01	
	4/29/2008	7.56	<0.001	<0.001	0.072	<0.001	0.00066	3.3	<0.01	<0.01	0.0037	3.5	0.013	0.064	<0.0002	<0.02	<0.001	<0.01	
	11/18/2008	7.71	<0.001	<0.001	0.042	<0.002	<0.005	5	<0.01	<0.01	<0.02	0.16	<0.005	0.032	<0.0002	<0.02	<0.02	<0.01	
	2/20/2009	7.86	<0.001	<0.001	0.048	<0.001	<0.001	4.4	<0.01	<0.01	<0.001	0.1	<0.001	<0.01	<0.0002	<0.02	<0.001	<0.01	
	12/17/2009	n/a	0.00021	0.001	0.048	<0.001	0.0006	6.2	0.0018	<0.01	0.00088	1.4	0.0032	0.093	5.00E-05	<0.02	<0.001	<0.01	
	3/23/2010	7.79	<0.001	<0.001	0.043														

NABORS Landfill Histo

CAO-1

Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
31.2	<0.002	n/a	0.00643	1.37	<0.5	1.62	4.57	4.9	13.2	82.1	<0.25	<0.5
28.5	<0.001	n/a	<0.01	1.14	1	2.29	3.68	7.46	29.8	86.3	<0.25	<0.5
20.8	<0.002	n/a	<0.01	1.14	1.28	2.34	4.48	7.76	23	100	<0.25	<0.5
17	<0.001	n/a	<0.01	1.2	1.6	2	5.8	10	18	100	<1	<1
15	<0.001	n/a	<0.01	1.2	<1	1.2	<1	8.4	16	77	<1	<1
18	<0.001	n/a	<0.01	0.96	1.9	1.9	6.4	15	26	110	<1	<1
15	<0.01	n/a	<0.01	1.1	1.5	<1	<1	12	12	100	<1	<1
15	<0.01	n/a	<0.01	1.2	2.2	1.5	3.9	15	10	83	<1	<1
14	<0.01	<0.02	<0.01	1.2	2.1	<1	3.9	15	13	78	<1	<1
13	<0.001	0.025	<0.01	0.75	3.5	0.84	6.3	8.3	12	50	<1	<1
9.6	<0.001	<0.02	<0.01	0.73	2.4	<1	5.3	6.4	8.5	39	<1	<1
11	<0.001	<0.02	<0.01	0.77	2.9	<1	7	11	11	54	<1	<1
9.7	<0.001	<0.02	<0.01	0.63	1.8	<1	4.2	7.7	6.1	35	<1	<1
7.5	<0.001	<0.001	<0.01	0.062	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.001	<0.01	0.22	1.7	<1	3.7	5.1	<5	21	<1	<1
15	<0.001	<0.001	<0.01	0.73	4.4	1.6	5.5	9.1	5.6	27	<1	<1
29	<0.001	0.077	0.022	1.1	0.42	<1	1.3	0.81	1.1	3.7	<1	<1
28	<0.001	<0.001	0.0027	0.1	0.43	<1	2.2	0.92	<5	3.3	<1	<1
13	<0.001	0.00051	<0.01	0.59	2.9	<1	2.2	2.1	2.4	7.9	<1	<1
13	0.00024	0.00079	0.0062	0.64	2.9	<1	4.5	1.5	3.9	7.5	<1	<1
11	<0.001	<0.001	0.0035	0.15	3.8	0.88	2.9	3.9	3.8	12	<1	<1
17	<0.001	<0.001	<0.01	0.27	2.3	0.6	2.3	2.8	2.1	8.1	<1	<1
11	<0.001	0.0003	<0.01	0.23	3.9	0.44	3.4	3.5	2.6	11	<1	<1
4.4	<0.001	0.00066	<0.01	0.14	4.3	0.61	4.2	3.4	3.5	12	<1	<1
<5	<0.001	<0.001	0.022	0.35	2.4	<1	2.1	2	<5	6.9	<1	<1
<5	<0.001	<0.001	<0.01	0.13	2.7	<1	2.7	1.9	<5	7.7	<1	<1
5	<0.00019	<0.0003	<0.0024	<0.0026	1.5	<0.4	1.6	<0.26	<0.45	1.8	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.077	<0.00019	<0.0003	<0.0024	<0.0026	3.2	<0.4	2.2	1	<0.45	3	<0.38	<0.319
9.36	<0.00019	<0.0003	<0.00018	<0.00256	2.84	<0.398	2.17	<0.26	<0.453	3.55	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	2.8	<0.398	1.59	<0.26	<0.453	4.31	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	0.0294	4.25	<0.398	2.52	1.21	<0.453	4.67	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	5.08	<0.398	2.96	1.12	<0.453	5.81	<0.385	<0.319
<5	<0.002	<0.002	<0.005	0.0766	4.04	<1	3.53	<1	<5	4.69	<1	<1
<5	<0.002	<0.002	<0.005	0.0272	4.34	<1	2.6	<1	<5	5.43	<1	<1
7.66	<0.002	<0.002	<0.005	0.0259	4.28	<1	2.28	1.19	<5	3.55	<1	<1
<5	<0.002	<0.002	<0.005	0.0362	4.12	<1	2.69	<1	<5	3.83	<1	<1
12.1	<0.073*	<0.0416*	<0.02*	0.0192	4.9	<5*	2.25	0.596	<50*	3.31	<5*	<5*
<0.5*	<0.073*	<0.728*	<0.021*	0.0225	4.83	<5*	2.41	0.533	<50*	3.6	<5*	<5*

CAO-2

15.7	<0.002	n/a	0.0084	0.0692	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
25.2	<0.001	n/a	<0.01	0.0194	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
6.06	<0.002	n/a	<0.01	<0.2	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
8.8	<0.001	n/a	<0.01	0.058	<1	<1	<1	<1	<1	<1	<1	<1
8.3	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
18	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
5.4	<0.001	n/a	<0.01	0.091	<1	<1	<1	<1	<1	<1	<1	<1
17	<0.001	n/a	<0.01	0.04	<1	<1	<1	<1	<1	<1	<1	<1
36	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
<5	<0.001	0.022	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
5.9	<0.001	<0.02	<0.01	0.039	<1	<1	<1	<1	<5	<1	<1	<1
8.1	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
6.9	<0.001	0.072	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
5.9	<0.001	<0.001	<0.01	0.013	<1	<1	<1	<1	<5	<1	<1	<1
8.2	<0.001	<0.001	<0.01	0.046	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.001	<0.01	0.011	<1	<1	<1	<1	<5	<1	<1	<1
12	0.0033	<0.4	0.071	0.37	<1	<1	<1	<1	<5	<1	<1	<1
10	0.00049	<0.001	0.016	0.13	<1	<1	<1	<1	<5	<1	<1	<1
7.1	<0.001	<0.001	<0.01	0.016	<1	<1	<1	<1	<5	<1	<1	<1
10	0.00021	<0.001	0.0026	0.025	<1	<1	<1	<1	<5	<1	<1	<1
11	0.0002	0.00039	<0.01	0.016	<1	<1	<1	<1	<5	<1	<1	<1
7.6	<0.001	<0.001	<0.01	0.014	<1	<1	<1	<1	<5	<1	<1	<1
8.6	<0.001	<0.001	<0.01	0.017	<1	<1	<1	<1	<5	<1	<1	<1
10	0.0003	<0.001	<0.01	0.0041	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	0.028	0.016	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.001	<0.01	<0.01	<1	<1	<1	<1	<5	<1	<1	<1
<0.077	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.077	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	0.0266	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	0.0284	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
<5	<0.002	<0.002	<0.005	0.0255	<1	<1	<1	<1	<5	<1	<1	<1
<5	<0.002	<0.002	<0.005	0.0429	<1	<1	<1	<1	<5	<1	<1	<1
<5	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
8.68	<0.073*	<0.0416*	0.0005	0.0086	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
10.4	<0.073*	<0.728*	<0.021*	0.0162	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*

CAO-3

16.1	<0.002	n/a	<0.01	0.0657	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
64.6	<0.001	n/a	0.0142	0.112	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
10.5	<0.002	n/a	<0.01	<0.2	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
9.2	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
11	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
11	<0.001	n/a	<0.01	0.031	<1	<1	<1	<1	<1	<1	<1	<1
71	<0.001	n/a	<0.01	0.098	<1	<1	<1	<1	<1	<1	<1	<1
86	<0.001	n/a	<0.01	0.049	<1	<1	<1	<1	<1	<1	<1	<1
160	<0.001	0.032	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
21	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1

NABORS Landfill Histo

	Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
	20	<0.001	<0.02	<0.01	0.044	<1	<1	<1	<1	<5	<1	<1	<1
	22	<0.001	<0.02	<0.01	0.038	<1	<1	<1	<1	<5	<1	<1	<1
	21	<0.001	0.072	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
	21	<0.001	<0.001	<0.01	0.028	<1	<1	<1	<1	<5	<1	<1	<1
	16	<0.001	<0.001	<0.01	0.027	<1	<1	<1	<1	<5	<1	<1	<1
	19	<0.001	<0.001	<0.01	0.037	<1	<1	<1	<1	<5	<1	<1	<1
	21	<0.001	<0.1	<0.01	0.055	<1	<1	<1	<1	<5	<1	<1	<1
	9.8	<0.001	<0.001	<0.01	0.033	<1	<1	<1	<1	<5	<1	<1	<1
	19	<0.001	<0.001	<0.01	0.031	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.001	<0.01	0.026	<1	<1	<1	<1	<5	<1	<1	<1
	15	<0.001	0.00035	<0.01	0.025	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.001	<0.01	0.057	<1	<1	<1	<1	<5	<1	<1	<1
	15	<0.001	<0.001	<0.01	0.022	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.001	<0.01	0.017	<1	<1	<1	<1	<5	<1	<1	<1
	24	<0.001	<0.001	0.034	0.069	<1	<1	<1	<1	<5	<1	<1	<1
	66	<0.001	<0.001	<0.01	0.043	<1	<1	<1	<1	<5	<1	<1	<1
	10	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8.6	<0.00019	<0.0003	<0.0024	0.031	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	6.19	<0.00019	<0.0003	<0.00018	0.0275	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	6.96	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	6.38	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	5.19	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	6.01	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	7.41	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	12.5	<0.002	<0.002	<0.005	0.0326	<1	<1	<1	<1	<5	<1	<1	<1
	9.2	<0.073*	<0.0416*	<0.02*	0.024	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
	30.2	<0.073*	<0.728*	<0.021*	0.0274	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
Class_I_Draw	<0.077	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	6.34	<0.00019	<0.0003	<0.00018	0.0335	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	44.9	<0.00019	<0.0003	<0.00018	0.0565	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	<5	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	<5	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	13.2	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	8.86	<0.073*	<0.0416*	<0.02*	<0.016*	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
Class_IV_Draw	49	<0.00019	<0.0003	<0.0024	0.04	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	34.7	<0.00019	<0.0003	<0.00018	0.1	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	37.8	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	5.24	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	40	<0.002	<0.002	<0.005	0.0459	<1	<1	<1	<1	<5	<1	<1	<1
	29	<0.073*	<0.728*	<0.02*	0.0374	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
LEACHATE	n/a	n/a	n/a	n/a	n/a	10	<1	6.1	<1	1.7	2	<1	<1
	n/a	n/a	n/a	n/a	n/a	16	<1	14	0.6	2.6	1.8	<1	<1
	n/a	n/a	n/a	n/a	n/a	2	<1	2.8	<1	1.4	1.2	<1	<1
	n/a	n/a	n/a	n/a	n/a	11	<1	1.7	0.41	1.9	1.4	<1	<1
	n/a	n/a	n/a	n/a	n/a	<1	<1	0.53	<1	1.4	0.53	<1	<1
	n/a	n/a	n/a	n/a	n/a	0.64	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	0.0015	0.0023	0.018	1.2	<1	0.68	<1	<5	0.51	<1	<1
	<5	<0.001	0.0039	<0.01	0.021	<1	<1	<1	<1	<5	<1	<1	<1
	<5	<0.001	0.001	<0.01	<0.01	3.6	<1	<1	<1	<5	<1	<1	<1
	5.91	<0.00019	0.00469	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	7.42	<0.00019	0.00893	0.0333	0.169	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	<0.0774	<0.00019	0.0052	<0.00018	<0.00256	2.02	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	11.2	<0.002	0.00632	<0.005	0.0666	<1	<1	<1	<1	<5	<1	<1	<1
	6.75	<0.002	0.00664	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	9.18	n/a	n/a	n/a	0.0588	<1	<1	<1	<1	<5	<1	<1	<1
LF_Entrance_Seep	<5	<0.001	<0.001	<0.01	<0.01	<1	<1	<1	<1	<5	<1	<1	<1
	8.2	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	7.74	<0.00019	<0.0003	0.011	0.0957	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	6.72	<0.00019	<0.0003	0.0089	0.0678	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	<5	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	6	2.14	<1	<1
	<5	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
	<5	<0.002	<0.002	<0.005	0.0493	<1	<1	<1	<1	<5	<1	<1	<1
	8.68	<0.073*	<0.0416*	<0.02*	<0.0156*	<5*	<5*	<2*	0.498	1.54	3.44	<5*	<5*
	5.82	<0.073*	<0.728*	<0.021*	<0.0156*	<5*	<5*	<2*	0.341	2.2	0.88	<5*	<5*
MW-1	<5	<0.001	n/a	<0.4	0.075	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	5.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	5.6	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	5.9	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	<5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	<5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	7.2	<0.001	n/a	<0.4	0.131	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	6.7	<0.002	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	8.2	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	9.2	<0.001	n/a	<0.4	0.0987	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	7.8	<0.001	n/a	<0.4	0.1137	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	9.3	<0.001	n/a	<0.4	0.156	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	9.6	<0.001	n/a	<0.4	0.1472	<0.05	<0.5	<1	<1	<1	1.2	<1	<0.1
	9.06	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<0.6	<1	<1	1.44	<1	<1
	11.8	<0.001	n/a	0.00216	0.183	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1

NABORS Landfill Histo

	Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
	9.43	<0.002	n/a	<0.01	0.233	<1	<1	<1	<2	<10	10.3	<1	<1
	9.64	<0.001	n/a	<0.002	0.27	<0.5	0.86	<0.5	1.02	1.33	11.7	<0.25	<0.5
	9.4	<0.001	n/a	<0.01	0.22	<1	<1	<1	1.4	<1	12	<1	<1
	8.8	<0.001	n/a	<0.01	0.2	<1	<1	<1	<1	<1	9.2	<1	<1
	9.2	<0.001	n/a	<0.01	0.23	1.1	1.1	<1	2.4	3.4	18	<1	<1
	8.8	<0.001	n/a	<0.01	0.25	1.3	1.1	<1	2.7	<1	17	<1	<1
	9.5	<0.001	n/a	<0.01	0.26	2	1.5	<1	3.6	<5	18	<1	<1
	9.3	<0.001	<0.02	<0.01	0.24	1.8	1	<1	3	<5	17	<1	<1
	9.1	<0.001	0.038	<0.01	0.23	1.4	2.7	1.3	4	4	20	<1	<1
	8.9	<0.001	<0.02	<0.01	0.23	<1	<1	<1	<1	<5	17	<1	<1
	9.6	<0.001	<0.02	<0.01	0.25	<1	1.6	2.8	4.7	<5	22	<1	<1
	9.9	<0.001	<0.02	<0.01	0.26	<1	1.5	2.1	4.6	<5	20	<1	<1
	9.9	<0.001	<0.001	<0.01	0.25	<1	1.6	1.6	5.3	<5	21	<1	<1
	10	<0.001	<0.001	<0.01	0.35	<1	1.9	1.9	5.1	<5	20	<1	<1
	11	<0.001	<0.001	<0.01	0.45	0.62	1.7	2.8	5.9	4.8	24	<1	<1
	9.7	0.0002	<0.02	<0.01	0.52	0.42	1.5	1.1	4.4	<5	14	<1	<1
	11	<0.001	<0.001	<0.01	0.65	1	2.8	6.6	9.2	3.6	27	<1	<1
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	13	0.00028	<0.001	<0.01	0.78	1	1.8	4.8	9	4.9	28	<1	<1
	13	0.0008	0.0006	0.0086	0.64	0.68	1.3	2.2	6.7	1.6	16	<1	<1
	12	<0.001	<0.001	<0.01	0.46	0.5	1.4	1.7	4.8	2.5	13	<1	<1
	12	<0.001	<0.001	<0.01	0.42	0.63	1.6	2	5.6	2.3	14	<1	<1
	6.5	<0.001	<0.001	<0.01	0.11	0.7	1.2	2.2	6.7	1.8	15	<1	<1
	11	0.00075	0.00033	<0.05	0.24	0.91	2	4	7.4	3.6	18	<1	<1
	16	<0.001	<0.001	0.042	0.12	1.3	2	3.5	8.3	<5	17	<1	<1
	20	<0.001	<0.001	<0.01	0.18	1	1.3	3.2	8	<5	15	<1	<1
	26.4	<0.00019	<0.0003	<0.00018	0.163(01)	1.06	<0.398	1.71	7.83	<0.453	11.6	<0.385	<0.319
	21.2	<0.00019	<0.0003	<0.00018	0.101	1.62	1.4	3.32	12.3	<0.453	15.4	<0.385	<0.319
	22	<0.00019	<0.0003	<0.00018	0.154	1.69	1.37	5.16	13.1	<0.453	18.3	<0.385	<0.319
	21	<0.002	<0.002	<0.005	0.243	<1	1.25	3.73	10.7	<5	14.2	<1	<1
	23.6	<0.002	<0.002	<0.005	0.619	<1	<1	1.36	7.76	<5	11.1	<1	<1
	25.4	<0.002	<0.002	<0.005	0.493	<1	1.06	3.52	10.9	<5	13.4	<1	<1
	19.3	<0.002	<0.002	<0.005	0.327	<1	<1	4.86	12	<5	14.7	<1	<1
	45	<0.073*	<0.0416*	<0.02*	1.62	<5*	<5*	3.36	8.9	<50*	16.8	<5*	<5*
	17.2	<0.073*	<0.728*	<0.021*	0.151	0.815	<5*	5.12	9.33	<50*	16.7	<5*	<5*
MW-1R													
	16	0.0066	0.002	0.083	4.8	<1	1.3	4.2	6.3	<5	14	<1	<1
	14	<0.001	<0.001	<0.01	0.85	<1	<1	3.8	5.3	<5	11	<1	<1
	23	<0.00019	<0.0003	<0.0024	1.5	<0.33	<0.4	3	6.8	<0.45	12	<0.38	<0.319
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	20	<0.00019	<0.0003	<0.0024	1.3(01)	1.3	1.5	3.6	9.6	<0.45	15	<0.38	<0.319
	21	0.00223	<0.0003	<0.00018	1.49	1.23	1.18	2	8.78	<0.453	12.1	<0.385	<0.319
	26.9	0.00203	<0.0003	<0.00018	1.65	1.18	<0.398	3.18	9.65	<0.453	16.2	<0.385	<0.319
	21.7	0.00202	<0.0003	<0.00018	1.63	1.14	1.42	2.97	9.83	<0.453	14.8	<0.385	<0.319
	22.7	0.00207	<0.0003	<0.00018	1.59	1.19	1.26	4.13	13.1	<0.453	17.9	<0.385	<0.319
	23	<0.002	<0.002	<0.005	1.76	<1	1.33	4.69	11.3	<5	15.6	<1	<1
	23.7	<0.002	<0.002	<0.005	1.6	<1	1.11	3.69	10.2	<5	16.2	<1	<1
	21.7	<0.002	<0.002	<0.005	1.42	<1	<1	2.57	9.68	<5	15.1	<1	<1
	21.8	<0.002	<0.002	<0.005	1.37	<1	1.08	3.96	9.76	<5	13.8	<1	<1
	25.7	<0.073*	<0.0416*	<0.02*	1.39	0.753	0.676	3.23	8.99	<50*	19.7	<5*	<5*
	22.7	<0.073*	<0.728*	<0.021*	1.34	1.05	0.694	3.85	9.51	<50*	18.6	<5*	<5*
MW-2													
	16.6	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	16.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	17.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	18.1	0.011	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	15.2	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	13.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	16.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	16.3	<0.002	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	16.2	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	17	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	15.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	17.5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	13.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
	12	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
	14	<0.001	n/a	<0.02	<0.01	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
	12.4	<0.002	n/a	<0.01	<0.03	<1	<1	<1	<2	<10	<1	<1	<1
	16.6	<0.001	n/a	<0.002	<0.1	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
	14	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	14	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	16	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	3.9	<1	<1
	12	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	13	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	14	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	14	<0.001	0.021	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.02	<0.01	0.016	<1	<1	<1	<1	<5	1.1	<1	<1
	13	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
	12	<0.001	<0.001	<0.01	<0.01	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	<0.01	0.018	<1	<1	<1	<1	<5	1.2	<1	<1
	16	<0.001	<0.001	<0.01	0.028	<1	<1	<1	<1	<5	0.92	<1	<1
	39	<0.001	<0.02	0.0048	<0.03	<1	<1	0.69	<1	<5	8.9	<1	<1
	33	<0.001	<0.001	0.006	0.0075	<1	<1	1.1	<1	<5	8.5	<1	<1
	44	<0.001	<0.001	0.0066	0.0071	<1	<1	0.99	<1	1.5	9.6	<1	<1
	44	<0.001	<0.001	0.0096	0.0077	<1	<1	0.82	<1	<5	8.3	<1	<1
	24	<0.001	<0.001	0.0043	0.0033	<1	<1	<1	<1	<5	2.9	<1	<1
	19	<0.001	<0.001	<0.01	0.0033	<1	<1	<1	<1	<5	2	<1	<1
	27	<0.001	<0.001	0.0044	<0.01	<1	<1	<1	<1	0.92	7.3	<1	<1
	26	<0.001	0.0077	0.0043	<0.05	<1	<1	<1	<1	<5	3.5	<1	<1

	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
28	<0.001	<0.001	0.018	<0.01	<1	<1	<1	<1	<5	3.5	<1	<1
25	<0.0001	<0.001	0.01	<0.01	<1	<1	<1	<1	<5	2.4	<1	<1
16	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
17	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
17.6	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
17	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
15.5	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
16.3	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
14.9	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
14.7	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
13.9	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
16.1	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
15.6	<0.073*	<0.0416*	<0.02*	<0.0156*	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
13.8	<0.073*	<0.728*	<0.021*	0.00561	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
13.8	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
18.6	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
19.6	0.012	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
14	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
13.4	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
13.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
14.4	<0.002	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
9.1	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
14.1	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
10.2	<0.001	n/a	<0.4	<0.07	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
14.1	<0.001	n/a	<0.4	0.0884	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
9.7	<0.001	n/a	<0.4	0.035	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
10.12	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
9.36	<0.001	n/a	<0.02	0.0173	<0.05	<0.5	<0.6	<1	<1	<0.5	&lt	

MW-4

MW-5

Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
10	<0.001	<0.02	<0.01	0.066	<1	<1	<1	<1	<1	<1	<1	<1
10	<0.001	0.021	<0.01	0.071	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.02	<0.01	0.08	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.02	<0.01	0.11	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	0.064	<0.01	0.13	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.001	<0.01	0.08	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.001	<0.01	0.077	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.001	<0.01	0.086	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.02	<0.01	0.091	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.001	<0.01	0.1	<1	<1	<1	<1	<5	<1	<1	<1
13	<0.001	<0.001	0.028	0.085	<1	<1	<1	<1	<5	<1	<1	<1
13	<0.001	0.00035	<0.01	0.081	<1	<1	<1	<1	<5	<1	<1	<1
13	<0.001	0.00034	<0.01	0.081	<1	<1	<1	<1	<5	<1	<1	<1
13	<0.001	<0.001	<0.01	0.092	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	<0.01	0.091	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	<0.01	0.079	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	0.023	0.081	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	0.012	0.082	<1	<1	<1	<1	<5	<1	<1	<1
16	<0.00019	<0.0003	<0.0024	0.093	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
16	<0.00019	<0.0003	<0.0024	0.09	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
15.6	<0.00019	<0.0003	<0.00018	0.0967	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
16.5	<0.00019	<0.0003	<0.00018	0.0964	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
14.9	<0.00019	<0.0003	<0.00018	0.0988	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
16.3	<0.00019	<0.0003	<0.00018	0.0959	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
14.8	<0.002	<0.002	<0.005	0.0941	<1	<1	<1	<1	<5	<1	<1	<1
14.9	<0.002	<0.002	<0.005	0.105	<1	<1	<1	<1	<5	<1	<1	<1
15.5	<0.002	<0.002	<0.005	0.108	<1	<1	<1	<1	<5	<1	<1	<1
15.8	<0.002	<0.002	<0.005	0.101	<1	<1	<1	<1	<5	<1	<1	<1
17.2	<0.073*	<0.0416*	<0.02*	0.106	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
17.8	<0.073*	<0.728*	<0.021*	0.1	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
<5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.9	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
6.1	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.6	0.008	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
<5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.9	<0.002	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
7.9	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
7.1	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
7.5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
7.79	<0.001	n/a	<0.02	<0.01	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
5.15	<0.002	n/a	<0.01	0.0157	<1	<1	<1	<2	<10	<1	<1	<1
5.51	<0.001	n/a	<0.002	<0.1	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
6.1	<0.001	n/a	<0.01	0.047	<1	<1	<1	<1	<1	<1	<1	<1
5.8	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
7.5	<0.001	n/a	<0.01	0.032	<1	<1	<1	<1	<1	<1	<1	<1
6.2	<0.001	n/a	<0.01	0.042	<1	<1	<1	<1	<1	<1	<1	<1
7.7	<0.01	n/a	<0.01	0.043	<1	<1	<1	<1	<1	<1	<1	<1
6.6	<0.01	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
7.2	<0.001	0.022	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
7.2	<0.001	<0.02	<0.01	0.032	<1	<1	<1	<1	<5	<1	<1	<1
7.6	<0.001	<0.02	<0.01	0.042	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	0.074	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
7.6	<0.001	<0.001	<0.01	0.035	<1	<1	<1	<1	<5	<1	<1	<1
8.5	<0.001	<0.001	<0.01	0.034	<1	<1	<1	<1	<5	<1	<1	<1
7.8	<0.001	<0.001	<0.01	0.049	<1	<1	<1	<1	<5	<1	<1	<1
7.4	<0.001	<0.02	<0.01	0.026	<1	<1	<1	<1	<5	<1	<1	<1
7.8	<0.001	<0.001	<0.01	0.033	<1	<1	<1	<1	<5	<1	<1	<1
9.7	<0.001	<0.001	0.03	0.029	<1	<1	<1	<1	<5	<1	<1	<1
9.6	<0.001	0.00034	<0.01	0.027	<1	<1	<1	<1	<5	<1	<1	<1
9.1	<0.001	0.00039	<0.01	0.027	<1	<1	<1	<1	<5	<1	<1	<1
16	<0.001	<0.001	<0.01	0.028	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.001	<0.01	0.021	<1	<1	<1	<1	<5	<1	<1	<1
9	<0.001	<0.001	0.0029	0.025	<1	<1	<1	<1	<5	<1	<1	<1
7.8	<0.001	<0.001	0.03	0.032	<1	<1	<1	<1	<5	<1	<1	<1
7	<0.001	<0.001	<0.01	0.03	<1	<1	<1	<1	<5	<1	<1	<1
8	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
8.7	<0.00019	<0.0003	<0.0024	0.026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
7.53	<0.00019	<0.0003	<0.00018	0.0304	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
8.44	<0.00019	<0.0003	<0.00018	0.025	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
7.56	<0.00019	<0.0003	<0.00018	0.0261	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
7.91	<0.00019	<0.0003	<0.00018	0.0287	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
7.35	<0.002	<0.002	<0.005	0.0258	<1	<1	<1	<1	<5	<1	<1	<1
7.07	<0.002	<0.002	<0.005	0.0268	<1	<1	<1	<1	<5	<1	<1	<1
7.02	<0.002	<0.002	<0.005	0.0313	<1	<1	<1	<1	<5	<1	<1	<1
8.56	<0.002	<0.002	<0.005	0.0287	<1	<1	<1	<1	<5	<1	<1	<1
9.56	<0.073*	<0.0416*	<0.02*	0.0261	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
9.01	<0.073*	<0.728*	<0.021*	0.0285	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
8.4	<0.001	n/a	<0.01	0.47	<1	<1	<1	<1	<1	<1	<1	<1
11	<0.001	n/a	<0.01	0.42	<1	<1	<1	<1	<1	<1	<1	<1
5	<0.001	n/a	<0.01	0.38	<1	<1	<1	<1	<1	<1	<1	<1
6	<0.001	n/a	<0.01	0.71	<1	<1	<1	<1	<1	<1	<1	<1

MW-577

Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
7.9	<0.001	0.1	<0.01	0.43	<1	<1	<1	<1	<1	<1	<1	<1
9	<0.001	<0.02	<0.01	0.38	<1	<1	<1	<1	<1	<1	<1	<1
7.3	<0.001	<0.02	<0.01	0.41	<1	<1	<1	<1	<5	<1	<1	<1
4.8	<0.001	<0.02	<0.01	0.29	<1	<1	<1	<1	<5	<1	<1	<1
7.9	<0.001	<0.02	<0.01	0.49	<1	<1	<1	<1	<5	<1	<1	<1
7	<0.001	<0.02	<0.01	0.41	<1	<1	<1	<1	<5	<1	<1	<1
6.1	<0.001	<0.001	<0.01	0.38	<1	<1	<1	<1	<5	<1	<1	<1
6.1	<0.001	<0.001	<0.01	0.33	<1	<1	<1	<1	<5	<1	<1	<1
6.1	<0.001	0.41	<0.01	0.41	<1	<1	<1	<1	<5	<1	<1	<1
8.1	0.00054	<0.02	0.035	1.5	<1	<1	<1	<1	<5	<1	<1	<1
5.3	<0.001	<0.001	0.018	0.58	<1	<1	<1	<1	<5	<1	<1	<1
8.5	<0.001	<0.001	0.0056	0.44	<1	<1	<1	<1	<5	<1	<1	<1
8.7	<0.001	<0.001	0.012	0.52	<1	<1	<1	<1	<5	<1	<1	<1
5.9	0.00038	0.0006	0.048	1.2	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	0.00082	0.027	8.2	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.001	0.0083	0.5	<1	<1	<1	<1	<5	<1	<1	<1
9.2	<0.001	<0.001	0.012	0.69	<1	<1	<1	<1	<5	<1	<1	<1
9.2	<0.001	<0.001	0.074	1.5	<1	<1	<1	<1	<5	<1	<1	<1
9.2	0.0013	<0.001	0.077	2.8	<1	<1	<1	<1	<5	<1	<1	<1
9.7	<0.00019	<0.0003	<0.0024	0.29	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
13	<0.00019	<0.0003	<0.0024	0.38	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
13.9	<0.00019	<0.0003	<0.00018	0.415	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
11.6	<0.00019	<0.0003	<0.00018	0.366	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
12	<0.00019	<0.0003	<0.00018	0.431	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
12.3	<0.00019	<0.0003	<0.00018	0.402	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
16.1	<0.002	<0.002	<0.005	0.436	<1	<1	<1	<1	<5	<1	<1	<1
16	<0.002	<0.002	<0.005	0.457	<1	<1	<1	<1	<5	<1	<1	<1
9.04	<0.002	<0.002	<0.005	0.35	<1	<1	<1	<1	<5	<1	<1	<1
10.2	<0.002	<0.002	<0.005	0.518	<1	<1	<1	<1	<5	<1	<1	<1
8.48	<0.073*	<0.0416*	0.0006	0.379	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
11	<0.073*	<0.728*	<0.021*	0.423	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
48	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
56	<0.001	n/a	<0.01	0.042	<1	<1	<1	<1	<1	<1	<1	<1
50	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
55	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
82	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
63	<0.001	<0.02	<0.01	<0.01	<1	<1	<1	<1	<5	<1	<1	<1
45	<0.001	0.13	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
42	<0.001	<0.02	<0.01	0.07	<1	<1	<1	<1	<5	<1	<1	<1
76	<0.001	<0.001	<0.01	<0.01	<1	<1	<1	<1	<5	<1	<1	<1
79	<0.001	<0.001	<0.01	0.0069	<1	<1	<1	<1	<5	<1	<1	<1
46	<0.001	<0.001	<0.01	0.053	<1	<1	<1	<1	<5	<1	<1	<1
40	<0.001	<0.02	0.0053	0.026	<1	<1	<1	<1	<5	<1	<1	<1
75	<0.001	<0.001	<0.01	0.0061	<1	<1	<1	<1	<5	<1	<1	<1
64	<0.001	<0.001	<0.01	0.017	<1	<1	<1	<1	<5	<1	<1	<1
55	<0.001	0.00031	<0.01	0.0058	<1	<1	<1	<1	<5	<1	<1	<1
48	<0.001	0.00078	<0.01	0.043	<1	<1	<1	<1	<5	<1	<1	<1
55	<0.001	<0.001	<0.01	0.0084	<1	<1	<1	<1	<5	<1	<1	<1
48	<0.001	0.00047	<0.01	0.0099	<1	<1	<1	<1	<5	<1	<1	<1
43	<0.001	<0.001	0.0042	0.01	<1	<1	<1	<1	<5	<1	<1	<1
39	<0.001	<0.001	0.029	<0.01	<1	<1	<1	<1	<5	<1	<1	<1
41	<0.001	<0.001	<0.01	<0.01	<1	<1	<1	<1	<5	<1	<1	<1
45	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
26	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
22.8	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
22.9	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
24.2	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
21.4	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
21.4	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
20.2	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
24.7	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
25.1	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
22.7	<0.073*	<0.0416*	<0.02*	<0.016*	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
24.3	<0.073*	<0.728*	<0.021*	<0.0156*	<5*	<5*	<2*	0.388	<50*	<5*	<5*	<5*
45	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.1	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
45	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
45	0.006	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
45	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
45	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.4	<0.002	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
45	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
8.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
6.5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
8	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
6.1	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
6	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
7.15	<0.001	n/a	<0.02	0.0103	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
5.82	<0.002	n/a	<0.01	0.0398	<1	<1	<1	<2	<10	<1	<1	<1
5.97	<0.001	n/a	<0.002	<0.01	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
6.2	<0.001	n/a	<0.01	0.046	<1	<1	<1	<1	<1	<1	<1	<1
5.9	<0.001	n/a	<0.01	0.034	<1	<1	<1	<1	<1	<1	<1	<1
5.9	<0.001	n/a	<0.01	0.043	<1	<1	<1	<1	<1	<1	<1	<1
5.9	<0.001	n/a	<0.01	0.053	<1	<1	<1	<1	<1	<1	<1	<1
6.3	<0.001	n/a	<0.01	0.058	<1	<1	<1	<1	<1	<1	<1	<1

NABORS Landfill Histc

	Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
	5.8	<0.001	<0.02	<0.01	0.04	<1	<1	<1	<1	<1	<1	<1	<1
	5.6	<0.001	0.025	<0.01	0.037	<1	<1	<1	<1	<5	<1	<1	<1
	5.8	<0.001	<0.02	<0.01	0.05	<1	<1	<1	<1	<5	<1	<1	<1
	5.7	<0.001	<0.02	<0.01	0.04	<1	<1	<1	<1	<5	<1	<1	<1
	6.1	<0.001	0.082	<0.01	0.04	<1	<1	<1	<1	<5	<1	<1	<1
	6	<0.001	<0.001	<0.01	0.038	<1	<1	<1	<1	<5	<1	<1	<1
	7	<0.001	<0.001	<0.01	0.051	<1	<1	<1	<1	<5	<1	<1	<1
	7.1	<0.001	<0.001	<0.01	0.051	<1	<1	<1	<1	<5	<1	<1	<1
	6.4	<0.001	<0.02	<0.01	0.042	<1	<1	<1	<1	<5	<1	<1	<1
	6.1	<0.001	<0.001	<0.01	0.045	<1	<1	<1	<1	<5	<1	<1	<1
	6.6	<0.001	<0.001	0.043	0.039	<1	<1	<1	<1	<5	<1	<1	<1
	6.8	<0.001	0.0027	<0.01	0.039	<1	<1	<1	<1	<5	<1	<1	<1
	7.4	<0.001	0.00039	<0.01	0.036	<1	<1	<1	<1	<5	<1	<1	<1
	6.6	<0.001	<0.001	<0.01	0.056	<1	<1	<1	<1	<5	<1	<1	<1
	6.8	<0.001	<0.001	<0.01	0.034	<1	<1	<1	<1	<5	<1	<1	<1
	6.7	<0.001	<0.001	<0.01	0.035	<1	<1	<1	<1	<5	<1	<1	<1
	6.9	<0.001	<0.001	0.027	0.043	<1	<1	<1	<1	<5	<1	<1	<1
	6.5	<0.001	<0.001	<0.01	0.035	<1	<1	<1	<1	<5	<1	<1	<1
	8.4	<0.00019	<0.0003	<0.0024	0.036	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8.8	<0.00019	<0.0003	<0.0024	0.037	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	8.02	<0.00019	<0.0003	<0.00018	0.0427	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	8.66	<0.00019	<0.0003	<0.00018	0.0401	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	7.86	<0.00019	<0.0003	<0.00018	0.0379	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	8.23	<0.00019	<0.0003	<0.00018	0.041	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	7.81	<0.002	<0.002	<0.005	0.037	<1	<1	<1	<1	<5	<1	<1	<1
	7.76	<0.002	<0.002	<0.005	0.0415	<1	<1	<1	<1	<5	<1	<1	<1
	7.28	<0.002	<0.002	<0.005	0.0432	<1	<1	<1	<1	<5	<1	<1	<1
	8.25	<0.002	<0.002	<0.005	0.0449	<1	<1	<1	<1	<5	<1	<1	<1
	8.62	<0.073*	<0.0416*	<0.02*	0.0391	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
	8.58	<0.073*	<0.728*	<0.021*	0.0462	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
MW-633D													
	16	<0.001	n/a	<0.01	0.18	<1	<1	<1	<1	<1	<1	<1	<1
	12	<0.001	n/a	<0.01	0.14	<1	<1	<1	<1	<1	<1	<1	<1
	16	<0.001	n/a	<0.01	0.13	<1	<1	<1	<1	<1	<1	<1	<1
	11	<0.001	n/a	<0.01	0.23	<1	<1	<1	<1	<1	<1	<1	<1
	13	<0.001	0.11	<0.01	0.25	<1	<1	<1	<1	<1	<1	<1	<1
	20	<0.001	<0.02	<0.01	0.032	<1	<1	<1	<1	<1	<1	<1	<1
	20	<0.001	<0.02	<0.01	0.16	<1	<1	<1	<1	<5	<1	<1	<1
	15	<0.001	<0.02	<0.01	0.19	<1	<1	<1	<1	<5	<1	<1	<1
	12	<0.001	<0.02	<0.01	0.32	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	0.08	<0.01	0.26	<1	<1	<1	<1	<5	<1	<1	<1
	12	<0.001	<0.001	<0.01	0.25	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.001	<0.01	0.23	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.001	<0.01	0.2	<1	<1	<1	<1	<5	0.84	<1	<1
	15	<0.001	<0.2	<0.01	0.27	<1	<1	<1	<1	<5	0.62	<1	<1
	14	<0.001	<0.001	<0.01	0.22	<1	<1	<1	<1	<5	1.2	<1	<1
	14	<0.001	<0.001	<0.01	0.25	<1	<1	<1	<1	<5	0.81	<1	<1
	14	<0.001	0.00056	<0.01	0.22	<1	<1	<1	<1	<5	0.92	<1	<1
	14	<0.001	0.00044	0.0025	0.21	<1	<1	<1	<1	<5	1.1	<1	<1
	17	<0.001	<0.001	<0.01	0.2	<1	<1	<1	<1	<5	0.63	<1	<1
	14	<0.001	<0.001	<0.01	0.21	<1	<1	<1	<1	<5	1.3	<1	<1
	15	<0.001	0.0021	0.0045	0.18	<1	<1	<1	<1	<5	1.1	<1	<1
	13	<0.001	<0.001	<0.01	0.19	<1	<1	<1	<1	<5	<1	<1	<1
	15	<0.001	<0.001	<0.01	0.2	<1	<1	<1	<1	<5	<1	<1	<1
	12	<0.00019	<0.0003	<0.0024	0.24	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12	<0.00019	<0.0003	<0.0024	0.27	<0.33	<0.4	<0.26	<0.26	<0.45	1.4	<0.38	<0.319
	11.4	<0.00019	<0.0003	<0.00018	0.257	<0.331	<0.398	<0.259	<0.26	<0.453	1.55	<0.385	<0.319
	10.4	<0.00019	<0.0003	<0.00018	0.268	<0.331	<0.398	<0.259	<0.26	<0.453	1.89	<0.385	<0.319
	8.55	<0.00019	<0.0003	<0.00018	0.256	<0.331	<0.398	<0.259	<0.26	<0.453	2.83	<0.385	<0.319
	9.08	<0.00019	<0.0003	<0.00018	0.285	<0.331	<0.398	<0.259	<0.26	<0.453	2.68	<0.385	<0.319
	9.31	<0.002	<0.002	<0.005	0.286	<1	<1	<1	<1	<5	1.99	<1	<1
	10.6	<0.002	<0.002	<0.005	0.283	<1	<1	<1	<1	<5	1.97	<1	<1
	10.6	<0.002	<0.002	<0.005	0.274	<1	<1	<1	<1	<5	1.52	<1	<1
	11.5	<0.002	<0.002	<0.005	0.325	<1	<1	<1	<1	<5	1.56	<1	<1
	11.1	<0.073*	<0.0416*	<0.02*	0.277	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
	11.6	<0.073*	<0.728*	<0.021*	0.33	<5*	<5*	<2*	0.393	0.599	1.45	<5*	<5*
MW-689D													
	8.3	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	13	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	14	<0.001	0.046	<0.01	0.032	<1	<1	<1	<1	<1	<1	<1	<1
	14	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	14	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.02	<0.01	0.031	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.02	<0.01	0.014	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	0.077	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
	6.1	<0.001	<0.001	<0.01	0.024	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	<0.01	0.011	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	<0.01	0.018	<1	<1	<1	<1	<5	<1	<1	<1
	7.3	<0.001	<0.1	0.015	0.067	<1	<1	<1	<1	<5	<1	<1	<1
	8	<0.001	<0.001	0.003	0.022	<1	<1	<1	<1	<5	<1	<1	<1
	5.6	<0.001	0.00031	0.012	0.062	<1	<1	<1	<1	<5	<1	<1	<1
	8.8	0.00033	0.00059	0.05	0.14	<1	<1	<1	<1	<5	<1	<1	<1
	12	0.00038	0.0009	0.017	0.15	<1	<1	<1	<1	<5	<1	<1	<1
	8.1	<0.001	<0.001	0.022	0.12	<1	<1	<1	<1	<5	<1	<1	<1
	15	<0.001	<0.001	<0.01	0.027	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	<0.01	0.016	<1	<1	<1	<1	<5	<1	<1	<1
	<5	<0.001	<0.001	0.023	0.013	<1	<1	<1	<1	<5	<1	<1	<1
	16	<0.001	<0.001	0.014	0.043	<1	<1	<1	<1	<5	<1	<1	<1

MW-7

Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
15 n/a	<0.00019 n/a	<0.0003 n/a	<0.0024 n/a	<0.0026 n/a	<0.33 n/a	<0.4 n/a	<0.26 n/a	<0.26 n/a	<0.45 n/a	<0.26 n/a	<0.38 n/a	<0.319 n/a
14	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
13.7	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
13.7	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
12.9	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
13.8	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
13.8	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
14.2	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
12.8	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
13.7	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
13.6	<0.073*	<0.0416*	0.0005	0.00789	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
13.2	<0.073*	<0.728*	<0.021*	0.00534	<5*	<5*	<5*	<5*	<50*	<5*	<5*	<5*

NAB-1

27.7	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
9.8	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.2	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.9	0.006	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
33.4	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.8	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
16.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
<5	<0.002	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
9.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
5.8	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
11.6	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
9.3	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
10.5	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<1	<1	<1	<0.5	<1	<0.1
6.1	<0.001	n/a	<0.4	<0.03	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
13.8	<0.001	n/a	<0.02	<0.01	<0.05	<0.5	<0.6	<1	<1	<0.5	<1	<1
7	<0.002	n/a	<0.01	0.0118	<1	<1	<1	<2	<10	<1	<1	<1
10.5	<0.001	n/a	<0.002	<0.1	<0.5	<0.25	<0.5	<0.5	<1	<0.2	<0.25	<0.5
8.9	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
7.9	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
9.9	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
9.1	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
8.5	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
8	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
12	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.02	<0.01	0.011	<1	<1	<1	<1	<5	<1	<1	<1
9.6	<0.001	<0.02	<0.01	0.012	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
13	<0.001	<0.001	<0.01	0.011	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	<0.01	0.023	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.001	<0.01	0.071	<1	<1	<1	<1	<5	<1	<1	<1
8.9	<0.001	<0.02	<0.01	0.019	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.001	<0.001	<0.01	0.021	<1	<1	<1	<1	<5	<1	<1	<1
7.9	<0.001	<0.001	0.04	0.015	<1	<1	<1	<1	<5	<1	<1	<1
9.2	<0.001	<0.001	0.0056	0.0098	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	0.00034	<0.01	0.013	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.001	<0.01	0.085	<1	<1	<1	<1	<5	<1	<1	<1
8.1	<0.001	<0.001	<0.01	0.026	<1	<1	<1	<1	<5	<1	<1	<1
9.9	<0.001	<0.001	<0.01	0.008	<1	<1	<1	<1	<5	<1	<1	<1
8.1	<0.001	<0.001	0.025	0.019	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.001	<0.01	0.035	<1	<1	<1	<1	<5	<1	<1	<1
9.7	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
7.2	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
7.19	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
7.59	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
6.66	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
6.16	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
6.49	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
6.39	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
6.07	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
5.68	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<5	<1	<1	<1
8.1	<0.073*	<0.0416*	<0.02*	0.00942	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
12.2	<0.073*	<0.728*	<0.021*	0.00629	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
26	<0.001	n/a	<0.01	0.034	<1	<1	<1	<1	<1	<1	<1	<1
16	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
21	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
16	<0.001	n/a	<0.01	0.064	<1	<1	<1	<1	<1	<1	<1	<1
16	<0.001	0.051	<0.01	0.03	<1	<1	<1	<1	<1	<1	<1	<1
16	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
22	<0.001	0.022	<0.01	0.066	<1	<1	<1	<1	<5	<1	<1	<1
21	<0.001	<0.02	<0.01	0.1	<1	<1	<1	<1	<5	<1	<1	<1
19	<0.001	<0.02	<0.01	0.14	<1	<1	<1	<1	<5	<1	<1	<1
24	<0.001	<0.02	<0.01	0.14	<1	<1	<1	<1	<5	<1	<1	<1
27	<0.001	<0.001	<0.01	0.14	<1	<1	<1	<1	<5	<1	<1	<1
24	<0.001	<0.001	<0.01	0.16	<1	<1	<1	<1	<5	<1	<1	<1
28	<0.001	<0.001	<0.01	0.12	<1	<1	<1	<1	<5	<1	<1	<1
27	<0.001	<0.02	<0.01	0.17	<1	<1	<1	<1	<5	<1	<1	<1
26	<0.001	<0.001	<0.01	0.19	<1	<1	<1	<1	<5	<1	<1	<1
25	<0.001	<0.001	0.055	0.2	<1	<1	<1	<1	<5	<1	<1	<1
23	<0.001	0.00042	0.013	0.28	<1	<1	<1	<1	<5	<1	<1	<1
28	<0.001	0.00038	<0.01	0.15	<1	<1	<1	<1	<5	<1	<1	<1
39	<0.001	<0.001	<0.01	0.22	<1	<1	<1	<1	<5	<1	<1	<1
27	<0.001	<0.001	<0.01	0.16	<1	<1	<1	<1	<5	<1	<1	<1
27	<0.001	<0.001	<0.01	0.12	<1	<1	<1	<1	<5	<1	<1	<1
28	<0.001	<0.001	0.036	0.21	<1	<1	<1	<1	<5	<1	<1	<1

NABORS Landfill Histo

	Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
NAB-2	29	<0.001	<0.001	<0.01	0.14	<1	<1	<1	<1	<5	<1	<1	<1
	24	<0.001	n/a	<0.01	0.03	<1	<1	<1	<1	<1	<1	<1	<1
	53	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	24	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
	19	<0.001	n/a	<0.01	0.031	<1	<1	<1	<1	<1	<1	<1	<1
	18	<0.001	0.11	<0.01	0.049	<1	<1	<1	<1	<5	<1	<1	<1
	20	<0.001	<0.02	<0.01	0.072	<1	<1	<1	<1	<5	<1	<1	<1
	26	<0.001	0.022	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
	18	<0.001	<0.02	<0.01	0.062	<1	<1	<1	<1	<5	<1	<1	<1
	17	<0.001	<0.02	<0.01	0.047	<1	<1	<1	<1	<5	<1	<1	<1
	22	<0.001	<0.02	<0.01	0.061	<1	<1	<1	<1	<5	<1	<1	<1
	25	<0.001	<0.001	<0.01	0.035	<1	<1	<1	<1	<5	<1	<1	<1
	23	<0.001	<0.001	<0.01	0.032	<1	<1	<1	<1	<5	<1	<1	<1
	19	<0.001	<0.001	<0.01	0.037	<1	<1	<1	<1	<5	<1	<1	<1
	18	<0.001	<0.02	<0.01	0.024	<1	<1	<1	<1	<5	<1	<1	<1
	18	<0.001	<0.001	<0.01	0.029	<1	<1	<1	<1	<5	<1	<1	<1
	17	<0.001	0.00039	0.017	0.028	<1	<1	<1	<1	<5	<1	<1	<1
	17	<0.001	<0.001	0.0056	0.023	<1	<1	<1	<1	<5	<1	<1	<1
	15	<0.001	0.00077	<0.01	0.037	<1	<1	<1	<1	<5	<1	<1	<1
	18	<0.001	<0.001	<0.01	0.028	<1	<1	<1	<1	<5	<1	<1	<1
	16	<0.001	<0.001	<0.01	0.037	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	<0.01	0.026	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	0.026	0.034	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	<0.01	0.036	<1	<1	<1	<1	<5	<1	<1	<1
	19	<0.00019	<0.0003	<0.0024	0.046	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	18	<0.00019	<0.0003	<0.0024	0.045	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	14.1	<0.00019	<0.0003	<0.00018	0.0566	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	17	<0.00019	<0.0003	<0.00018	0.0371	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	14.7	<0.00019	<0.0003	<0.00018	0.0403	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	14.7	<0.00019	<0.0003	<0.00018	0.0348	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	13.2	<0.002	<0.002	<0.005	0.0904	<1	<1	<1	<1	<5	<1	<1	<1
	13.5	<0.002	<0.002	<0.005	0.0602	<1	<1	<1	<1	<5	<1	<1	<1
	15	<0.002	<0.002	<0.005	0.039	<1	<1	<1	<1	<5	<1	<1	<1
	18.1	<0.073*	<0.728*	<0.021*	0.0443	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
NAB-3	9.7	<0.001	n/a	<0.01	0.086	<1	<1	<1	<1	<1	<1	<1	<1
	9.7	<0.001	n/a	<0.01	0.054	<1	<1	<1	<1	<1	<1	<1	<1
	7.2	<0.001	n/a	<0.01	0.089	<1	<1	<1	<1	<1	<1	<1	<1
	6.1	<0.001	n/a	<0.01	0.079	<1	<1	<1	<1	<1	<1	<1	<1
	8.7	<0.001	0.048	<0.01	0.11	<1	<1	<1	<1	<1	<1	<1	<1
	10	<0.001	<0.02	<0.01	0.11	<1	<1	<1	<1	<1	<1	<1	<1
	12	<0.001	0.022	<0.01	0.13	<1	<1	<1	<1	<5	<1	<1	<1
	12	<0.001	<0.02	<0.01	0.14	<1	<1	<1	<1	<5	<1	<1	<1
	11	<0.001	<0.02	<0.01	0.12	<1	<1	<1	<1	<5	<1	<1	<1
	13	<0.001	<0.02	<0.01	0.15	<1	<1	<1	<1	<5	<1	<1	<1
	9.4	<0.001	<0.001	<0.01	0.099	<1	<1	<1	<1	<5	<1	<1	<1
	9.3	<0.001	<0.001	<0.01	0.12	<1	<1	<1	<1	<5	<1	<1	<1
	8.6	<0.001	<0.001	<0.01	0.082	<1	<1	<1	<1	<5	<1	<1	<1
	7	<0.001	0.13	<0.01	0.053	<1	<1	<1	<1	<5	<1	<1	<1
	18	<0.001	<0.001	<0.01	0.18	<1	<1	<1	<1	<5	<1	<1	<1
	7.9	<0.001	<0.001	0.046	0.07	<1	<1	<1	<1	<5	<1	<1	<1
	9.8	<0.001	<0.001	<0.01	0.069	<1	<1	<1	<1	<5	<1	<1	<1
	9.8	<0.001	0.00033	0.01	0.059	<1	<1	<1	<1	<5	<1	<1	<1
	12	<0.001	<0.001	<0.01	0.075	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.001	<0.001	<0.01	0.077	<1	<1	<1	<1	<5	<1	<1	<1
	21	<0.001	0.0004	0.0028	0.18	<1	<1	<1	<1	<5	<1	<1	<1
	20	<0.001	<0.001	0.03	0.21	<1	<1	<1	<1	<5	<1	<1	<1
	56	<0.001	<0.001	<0.01	0.24	<1	<1	<1	<1	<5	<1	<1	<1
	14	<0.00019	<0.0003	<0.0024	0.12	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12	<0.00019	<0.0003	<0.0024	0.1	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
	12.1	<0.00019	<0.0003	<0.00018	0.1	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	9.93	<0.00019	<0.0003	<0.00018	0.0963	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	8.03	<0.00019	<0.0003	<0.00018	0.0707	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	97.7	<0.00019	<0.0003	<0.00018	0.0579	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
	11.8	<0.002	<0.002	<0.005	0.093	<1	<1	<1	<1	<5	<1	<1	<1
	8.97	<0.002	<0.002	<0.005	0.0823	<1	<1	<1	<1	<5	<1	<1	<1
	8.24	<0.002	<0.002	<0.005	0.0833	<1	<1	<1	<1	<5	<1	<1	<1
	9.89	<0.002	<0.002	<0.005	0.0603	<1	<1	<1	<1	<5	<1	<1	<1
	10.6	<0.073*	<0.0416*	<0.02*	0.091	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
	11.9	<0.073*	<0.728*	<0.021*	0.0887	<5*	<5*	<2*	0.295	<50*	<5*	<5*	<5*
NAB-4	43	<0.001	n/a	<0.01	0.22	<1	<1	<1	<1	<1	<1	<1	<1
	34	<0.001	n/a	<0.01	0.15	<1	<1	<1	<1	<1	<1	<1	<1
	27	<0.001	n/a	<0.01	0.21	<1	<1	<1	<1	<1	<1	<1	<1
	34	<0.001	n/a	<0.01	0.26	<1	<1	<1	<1	<1	<1	<1	<1
	29	<0.001	0.11	<0.01	0.37	<1	<1	<1	<1	<5	<1	<1	<1
	26	<0.001	<0.02	<0.01	0.28	<1	<1	<1	<1	<5	<1	<1	<1
	22	<0.001	<0.02	<0.01	0.25	<1	<1	<1	<1	<5	<1	<1	<1
	26	<0.001	<0.02	<0.01	0.24	<1	<1	<1	<1	<5	<1	<1	<1
	43	<0.001	<0.02	<0.01	0.7	<1	<1	<1	<1	<5	<1	<1	<1
	33	<0.001	<0.001	<0.01	0.68	<1	<1	<1	<1	<5	<1	<1	<1
	33	<0.001	<0.001	<0.01	0.66	<1	<1	<1	<1	<5	<1	<1	<1
	32	<0.001	<0.001	<0.01	0.34	<1	<1	<1	<1	<5	0.32	<1	<1
	35	<0.001	<0.2	<0.01	0.6	<1	<1	<1	<1	<5	<1	<1	<1
	40	0.00028	<0.001	<0.01	0.62	<1	<1	<1	<1	<5	<1	<1	<1
	57	0.00046	<0.001	0.062	0.67	<1	<1	<1	<1	<5	<1	<1	<1
	76	0.00046	0.00039	<0.01	0.58	<1	<1	<1	<1	<5	<1	<1	<1

NABORS Landfill Histc

	Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
54	<0.001	<0.001	<0.001	<0.01	0.6	<1	<1	<1	<1	<5	<1	<1	<1
42	<0.001	<0.001	<0.001	<0.01	0.64	<1	<1	<1	<1	<5	<1	<1	<1
32	0.0002	<0.001	<0.001	<0.01	0.44	<1	<1	<1	<1	<5	<1	<1	<1
26	0.00028	0.002	<0.001	<0.01	0.28	<1	<1	<1	<1	<5	<1	<1	<1
40	<0.001	<0.001	<0.001	0.031	0.54	<1	<1	<1	<1	<5	<1	<1	<1
38	<0.001	<0.001	<0.001	<0.01	0.4	<1	<1	<1	<1	<5	<1	<1	<1
52	<0.00019	<0.0003	<0.0024	0.83	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
46	<0.00019	<0.0003	<0.0024	0.93	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
34.7	<0.00019	<0.0003	<0.00018	0.66	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
30	<0.00019	<0.0003	<0.00018	0.482	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
46.8	<0.00019	<0.0003	<0.00018	0.808	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
59.2	<0.00019	<0.0003	<0.00018	0.844	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
43.7	<0.002	<0.002	<0.005	0.695	<1	<1	<1	<1	<1	<5	<1	<1	<1
41.8	<0.002	<0.002	<0.005	0.656	<1	<1	<1	<1	<1	<5	<1	<1	<1
22.2	<0.002	<0.002	<0.005	0.46	<1	<1	<1	<1	<1	<5	<1	<1	<1
49.5	<0.073*	<0.0416*	<0.02*	1	<5*	<5*	<2*	<5*	<5*	<50*	<5*	<5*	<5*
43.9	<0.073*	<0.728*	<0.021*	1.12	<0.7	<1.5	<0.34	<0.68	<0.68	<1.7	<1.5	<2.1	<1.2

NAB-7

9.6	<0.001	n/a	<0.01	0.058	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
13	<0.001	n/a	<0.01	0.033	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<0.001	0.043	<0.01	0.042	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
30	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
19	<0.001	<0.02	<0.01	0.022	<1	<1	<1	<1	<1	<5	<1	<1	<1
21	<0.001	<0.02	<0.01	0.032	<1	<1	<1	<1	<1	<5	<1	<1	<1
23	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
27	<0.001	<0.001	<0.01	0.033	<1	<1	<1	<1	<1	<5	<1	<1	<1
17	<0.001	<0.001	<0.01	0.042	<1	<1	<1	<1	<1	<5	<1	<1	<1
21	<0.001	<0.001	<0.01	0.036	<1	<1	<1	<1	<1	<5	<1	<1	<1
21	<0.001	0.0087	<0.01	0.058	<1	<1	<1	<1	<1	<5	<1	<1	<1
25	<0.001	<0.001	<0.01	0.082	<1	<1	<1	<1	<1	<5	<1	<1	<1
22	<0.001	<0.001	<0.01	0.034	0.064	<1	<1	<1	<1	<5	<1	<1	<1
22	<0.001	<0.001	<0.01	0.057	<1	<1	<1	<1	<1	<5	<1	<1	<1
21	<0.001	0.00039	<0.01	0.06	<1	<1	<1	<1	<1	<5	<1	<1	<1
30	<0.001	<0.001	<0.01	0.061	<1	<1	<1	<1	<1	<5	<1	<1	<1
23	<0.001	<0.001	<0.01	0.059	<1	<1	<1	<1	<1	<5	<1	<1	<1
17	<0.001	<0.001	<0.01	0.041	<1	<1	<1	<1	<1	<5	<1	<1	<1
22	<0.001	<0.001	0.025	0.15	<1	<1	<1	<1	<1	<5	<1	<1	<1
18	<0.001	<0.001	<0.01	0.085	<1	<1	<1	<1	<1	<5	<1	<1	<1
29	<0.00019	<0.0003	<0.0024	0.06	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
24	<0.00019	<0.0003	<0.0024	0.051	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
27.9	<0.00019	<0.0003	<0.00018	0.051	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
22.4	<0.00019	<0.0003	<0.00018	0.0368	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
25.6	<0.00019	<0.0003	<0.00018	0.0513	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
20.5	<0.00019	<0.0003	<0.00018	0.0396	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
22.2	<0.002	<0.002	<0.005	0.039	<1	<1	<1	<1	<1	<5	<1	<1	<1
29.7	<0.002	<0.002	<0.005	0.043	<1	<1	<1	<1	<1	<5	<1	<1	<1
21.2	<0.002	<0.002	<0.005	0.0424	<1	<1	<1	<1	<1	<5	<1	<1	<1
22.9	<0.002	<0.002	<0.005	0.0626	<1	<1	<1	<1	<1	<5	<1	<1	<1
15.2	<0.073*	<0.0416*	0.005	0.405	<5*	<5*	<2*	<5*	<50*	<50*	<5*	<5*	<5*
20.9	<0.073*	<0.728*	<0.021*	0.0432	<5*	<5*	<2*	<5*	<50*	<50*	<5*	<5*	<5*

NAB-8

24	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
12	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
15	<0.001	0.04	<0.01	0.039	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.02	<0.01	0.037	<1	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
9.3	<0.001	0.00059	<0.01	0.016	<1	<1	<1	<1	<1	<5	<1	<1	<1
8.4	0.0008	0.0084	0.095	0.7	<1	<1	<1	<1	<1	<5	<1	<1	<1
9.6	<0.001	<0.001	<0.01	0.022	<1	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	<0.01	0.014	<1	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.001	0.0035	0.016	<1	<1	<1	<1	<1	<5	<1	<1	<1
9	<0.001	0.0024	0.028	0.023	<1	<1	<1	<1	<1	<5	<1	<1	<1
9.8	<0.001	<0.001	<0.01	0.011	<1	<1	<1	<1	<1	<5	<1	<1	<1
10	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
10	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
9.96	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
10.7	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
9.25	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
10.3	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.259	<0.259	<0.453	<0.259	<0.385	<0.319
9.94	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<1	<5	<1	<1	<1
11.2	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<1	<5	<1	<1	<1
9.68	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<1	<5	<1	<1	<1
11.6	<0.002	<0.002	<0.005	<0.025	<1	<1	<1	<1	<1	<5	<1	<1	<1
12.7	<0.073*	<0.0416*	<0.02*	0.00502	<5*	<5*	<2*	<5*	<50*	<50*	<5*	<5*	<5*
n/a	<0.073*	<0.728*	0.006	0.0647	<5*	<5*	<2*	<5*	<50*	<50*	<5*	<5*	<5*
15.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

NE-2

2200	<0.001	<0.001	<0.01	<0.01	<1	<1	<1	<1	<1	<5	<1	<1	<1
1600	<0.001	<0.001	<0.01	<0.01	<1	<1	<1	<1	<1	<5	<1	<1	<1
1600	<0.00019	<0.0003	<0.0024	0.032	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319

Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1500	<0.00019	<0.0003	<0.0024	1	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
1180	<0.00019	<0.0003	<0.00018	0.156	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
1060	<0.00019	<0.0003	<0.00018	0.248	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
933	<0.00019	<0.0003	<0.00018	0.214	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
870	<0.00019	<0.0003	<0.00018	0.133	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
849	<0.002	<0.002	<0.005	0.0834	<1	<1	<1	<1	<5	<1	<1	<1
737	<0.002	<0.002	<0.005	0.0797	<1	<1	<1	<1	<5	<1	<1	<1
773	<0.002	<0.002	<0.005	0.205	<1	<1	<1	<1	<5	<1	<1	<1
693	<0.002	<0.002	<0.005	0.273	<1	<1	<1	<1	<5	<1	<1	<1
688	<0.073*	<0.0416*	<0.02*	0.0129	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
570	<0.073*	<0.728*	0.02	0.0562	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
34	<0.001	0.0043	0.017	0.27	<1	<1	<1	<1	<5	<1	<1	<1
27	<0.001	0.018	<0.01	0.07	<1	<1	<1	<1	<5	<1	<1	<1
22	<0.00019	<0.0003	<0.0024	0.047	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
16	<0.00019	<0.0003	<0.0024	0.097	<0.33	<0.4	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
12.2	<0.00019	<0.0003	<0.00018	0.0362	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
24.5	<0.00019	<0.0003	<0.00018	0.0854	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
19.2	<0.00019	<0.0003	<0.00018	0.0441	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
14.1	<0.00019	<0.0003	<0.00018	0.0693	<0.331	<0.398	<0.259	<0.26	<0.453	<0.259	<0.385	<0.319
11	<0.002	<0.002	<0.005	0.0387	<1	<1	<1	<1	<5	<1	<1	<1
15.3	<0.002	<0.002	<0.005	0.0411	<1	<1	<1	<1	<5	<1	<1	<1
32.9	<0.002	<0.002	<0.005	0.0532	<1	<1	<1	<1	<5	<1	<1	<1
12.3	<0.002	<0.002	<0.005	0.0692	<1	<1	<1	<1	<5	<1	<1	<1
13.9	<0.073*	<0.0416*	<0.02*	0.057	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
26.2	<0.073*	<0.728*	<0.021*	0.0493	<5*	<5*	<2*	0.278	<50*	<5*	<5*	<5*
21.9	<0.002	<0.002	<0.005	0.233	<1	<1	<1	<1	<5	<1	<1	<1
28.3	<0.073*	<0.0416*	<0.02*	0.153	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*
26.8	<0.073*	<0.728*										

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NABORS Landfill Histc

	Sulfate (mg/l)	Thallium (mg/l)	Tin (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Benzene (ug/l)	Trichloroethene (ug/l)	Vinyl chloride (ug/l)	cis-1,2- Dichloroethene (ug/l)	Chloroethane (ug/l)	1,1- Dichloroethane (ug/l)	1,1,1,2- Tetrachloroethane (ug/l)	1,1,1- Trichloroethane (ug/l)
	<5	<0.001	n/a	<0.01	0.042	<1	<1	<1	<1	<1	<1	<1	<1
	<5	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1
14	<0.001	<0.02	<0.01	<0.01	0.087	<1	<1	<1	<1	<5	0.41	<1	<1
5.4	<0.001	<0.02	<0.01	<0.01	0.022	<1	<1	<1	<1	<5	<1	<1	<1
6.1	<0.001	<0.02	<0.01	<0.01	<0.03	<1	<1	<1	<1	<5	<1	<1	<1
14	<0.001	<0.001	<0.01	<0.01	0.041	<1	<1	<1	<1	<5	<1	<1	<1
7.1	<0.001	<0.001	<0.01	<0.01	0.021	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.001	<0.01	<0.01	0.19	<1	<1	<1	<1	<5	1.6	<1	<1
16	<0.001	<0.001	<0.01	<0.01	0.098	<1	<1	<1	<1	<5	2.5	<1	<1
16	<0.001	<0.001	<0.01	<0.01	0.091	<1	<1	<1	<1	<5	3.3	<1	<1
17	<0.005	<0.005	0.03	0.12	<1	<1	<1	<1	<1	<5	3.1	<1	<1
5.8	<0.001	<0.001	<0.004	0.004	0.032	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	0.00032	<0.01	0.077	<1	<1	<1	<1	<1	<5	0.44	<1	<1
16	<0.001	<0.001	<0.01	0.064	<1	<1	<1	<1	<1	<5	1.3	<1	<1
20	<0.001	<0.001	<0.01	0.057	<1	<1	<1	<1	<1	<5	1.3	<1	<1
11	<0.001	<0.001	0.0035	0.094	<1	<1	<1	<1	<1	<5	2.4	<1	<1
18	<0.001	<0.001	<0.01	0.15	<1	<1	<1	<1	<1	<5	3	<1	<1
13	<0.001	<0.001	<0.01	0.13	<1	<1	<1	<1	<1	<5	2.9	<1	<1
10	<0.00019	<0.0003	<0.0024	0.045	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
19	<0.00019	<0.0003	<0.0024	0.035	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	0.0364	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
14.1	<0.00019	<0.0003	<0.00018	0.0373	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
9.55	<0.002	<0.002	<0.005	0.117	<1	<1	<1	<1	<1	<5	2.96	<1	<1
8.17	<0.002	<0.002	<0.005	0.122	<1	<1	<1	<1	<1	<5	2.92	<1	<1
6.33	<0.073*	<0.728*	<0.021*	0.0332	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*	<5*
SPRINGB													
13	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	1.6	<1	<1
31	<0.001	<0.02	0.0073	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
6	<0.001	<0.02	<0.01	<0.01	<1	<1	<1	<1	<1	<5	1.6	<1	<1
19	<0.001	0.0016	<0.01	0.049	<1	<1	<1	<1	<1	<5	2	<1	<1
7.6	<0.001	<0.001	<0.01	0.021	<1	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.001	0.0048	0.04	<1	<1	<1	<1	<1	<5	<1	<1	<1
42	<0.001	<0.001	<0.01	0.024	<1	<1	<1	<1	<1	<5	0.8	<1	<1
21	<0.00019	<0.0003	<0.0024	0.031	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.077	<0.00019	<0.0003	<0.0024	0.044	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
17.2	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
10.7	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
TSP-1													
11	<0.001	n/a	<0.01	0.031	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<0.001	n/a	<0.01	0.092	<1	<1	<1	<1	<1	<1	<1	<1	<1
14	<0.001	<0.02	<0.01	0.058	<1	<1	<1	<1	<1	<5	<1	<1	<1
12	<0.001	<0.02	<0.01	0.069	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
10	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
15	<0.001	<0.001	<0.01	0.035	<1	<1	<1	<1	<1	<5	<1	<1	<1
18	<0.001	<0.001	<0.01	0.074	<1	<1	<1	<1	<1	<5	<1	<1	<1
34	<0.001	<0.001	<0.01	0.071	<1	<1	<1	<1	<1	<5	<1	<1	<1
20	<0.001	<0.001	<0.01	0.12	<1	<1	<1	<1	<1	<5	<1	<1	<1
16	<0.001	<0.001	0.0049	0.14	<1	<1	<1	<1	<1	<5	<1	<1	<1
9.52	<0.073*	<0.0416*	<0.02*	0.0336	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*	<5*
14.2	<0.073*	<0.728*	<0.02*	0.044	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*	<5*
TSP-2													
7.3	<0.001	n/a	<0.01	0.074	<1	<1	<1	<1	<1	<1	<1	<1	<1
3.1	<0.001	<0.001	<0.01	0.043	<1	<1	<1	<1	<1	<5	<1	<1	<1
23	<0.001	<0.001	<0.01	0.043	<1	<1	<1	<1	<1	<5	<1	<1	<1
9.2	<0.001	<0.001	0.054	0.18	<1	<1	<1	<1	<1	<5	<1	<1	<1
16	<0.001	<0.001	<0.01	0.0089	<1	<1	<1	<1	<1	<5	<1	<1	<1
7.1	<0.001	0.00042	<0.01	0.17	<1	<1	<1	<1	<1	<5	<1	<1	<1
15	<0.001	<0.001	0.0035	0.06	<1	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.001	0.009	0.1	<1	<1	<1	<1	<1	<5	<1	<1	<1
21	<0.001	<0.001	0.012	0.068	<1	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.001	<0.01	0.074	<1	<1	<1	<1	<1	<5	<1	<1	<1
28.6	0.002	<0.0416*	<0.02*	0.0523	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*	<5*
TSP-3													
<5	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
4.3	<0.001	<0.001	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
13	<0.001	<0.001	0.0025	0.017	<1	<1	<1	<1	<1	<5	<1	<1	<1
11	<0.001	<0.001	<0.01	3.3	<1	<1	<1	<1	<1	<5	<1	<1	<1
8.1	<0.001	<0.001	<0.01	0.017	<1	<1	<1	<1	<1	<5	<1	<1	<1
8.1	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.077	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
6.24	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
<0.0774	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
5.74	<0.073*	<0.0416*	<0.02*	0.00989	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*	<5*
TSP-4													
7.2	<0.001	n/a	<0.01	<0.03	<1	<1	<1	<1	<1	<1	<1	<1	<1
20	<0.001	<0.02	<0.01	<0.03	<1	<1	<1	<1	<1	<5	<1	<1	<1
13	<0.00019	<0.0003	<0.0024	<0.0026	<0.33	<0.4	<0.26	<0.26	<0.26	<0.45	<0.26	<0.38	<0.319
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9.48	<0.00019	<0.0003	<0.00018	<0.00256	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
10.9	<0.00019	<0.0003	<0.00018	0.0304	<0.331	<0.398	<0.259	<0.26	<0.26	<0.453	<0.259	<0.385	<0.319
8.84	<0.073*	<0.0416*	0.006	0.0412	<5*	<5*	<2*	<5*	<50*	<5*	<5*	<5*	<5*

CAQ-1

[illegible]

CAO-3

[illegible]

[illegible]

MW-1

MW-1R

1,1,2,2- Tetrachloroethane (ug/l)	1,1,2- Trichloroethane (ug/l)	1,1- Dichloroethene (ug/l)	1,2,3- Trichloropropane (ug/l)	1,2-Dibromo-3- Chloropropane (ug/l)	1,2- Dibromoethane (ug/l)	1,2- Dichlorobenzene (ug/l)	1,2- Dichloroethane (ug/l)	1,2- Dichloropropane (ug/l)	1,4- Dichlorobenzene (ug/l)
<1	<1	<2	<1	<1	<1	<1	<1	<1	<1
<0.1	<0.5	<0.5	<0.42	<0.2	<0.05	<0.1	<0.2	<0.18	<0.1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<0.02	<0.01	<1	<1	<1	<1
<1	<1	<1	<1	n/a	n/a	<1	<1	<1	<1
<1	<1	<1	<1	n/a	n/a	<1	<1	<1	<1
<1	<1	<1	<1	n/a	n/a	<1	<1	<1	<1
<1	<1	<1	<1	n/a	n/a	<1	<1	<1	<1
<1	<1	<1	<1	n/a	n/a	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
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<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
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<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
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<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
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<1	<1	<1	<1	<5	<1	<1	<1	<1	<1
<1	<1	<1							

MW-5

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

MW-7

[illegible]

[illegible]

NAB-4

SPRINGB

[illegible]

CAO-1

CAO-2CAO-3

<5	<0.6	<0.5	<0.5	<0.2	<0.2	<0.5	<0.5	<0.25	<0.5
<5	<0.6	<0.5	<0.5	<0.2	<0.2	<0.5	<0.5	<0.25	<0.5
<5	<0.6	<0.5	<0.5	<0.2	<0.2	<0.5	<0.5	<0.25	<0.5
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
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<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<5	<5	<1	<1	<1	<5	<1	<1	<1	<1

	2-Butanone [MEK] (ug/l)	2-Hexanone (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)	Carbon disulfide (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	
Class_I_Draw	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
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	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
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	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1	
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
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	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1	
	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1	
	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1	
	<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33	<0.33
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33	<0.33
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327	<0.327
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1	<1
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1	<1
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1	<1
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1	<1
	<50*	<50*	<5*	<5*	<5*	<50*	<50*	<5*	<5*	<5*	<5*
	<50*	<50*	<5*	<5*	<5*	<5*	<50*	<5*	<5*	<5*	<5*
	Class_IV_Draw	<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
		<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
		<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93		<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327	
<15		<10	<1	<1	<1	<5	<1	<1	<1	<1	
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<15		<10	<1	<1	<1	<5	<1	<1	<1	<1	
<50*		<50*	<5*	<5*	<5*	<50*	<5*	<5*	<5*	<5*	
LEACHATE		<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
		<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	

MW-1

MW-1R

2-Butanone [MEK] (ug/l)	2-Hexanone (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)	Carbon disulfide (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)
<50	<5	<1	<1	<1	<1	<2	<2	<3	<2
<5	<0.6	<0.5	<0.5	<0.2	<0.2	<0.5	<0.5	<0.25	<0.5
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<5	<5	<1	<1	<1	<5	<1	<1	<1	<1
<5	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	0.64	<1	<1	<1
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
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9.4	<5	<1	<1	<1	<5	<1	<1	<1	<1
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<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	1	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	1.86	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	2.28	<0.327
<15	<10	<1	<1	<1	<5	<1	<1	1.98	<1
<15	<10	<1	<1	<1	<5	<1	<1	1.2	<1
<15	<10	<1	<1	<1	<5	<1	<1	1.74	<1
<15	<10	<1	<1	<1	<5	<1	<1	2.15	<1
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<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	1.08	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	1.57	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	1.5	<0.327

MW-3

[illegible]

MW-5

[illegible]

MW-577

2-Butanone [MEK] (ug/l)	2-Hexanone (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)	Carbon disulfide (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
6.2	<5	<1	<1	<1	<5	<1	<1	<1	<1
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<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
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<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
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<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
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6.7	<5	<1	<1	<1	<5	<1	<1	<1	<1
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<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
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<15	<5	<1	<1	<1	<5	<1	<1	<1	<1

MW-633D

[illegible]

MW-7

[illegible]

	2-Butanone [MEK] (ug/l)	2-Hexanone (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)	Carbon disulfide (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)
NAB-2	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1
	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1
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	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
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	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<50*	<50*	<5*	<5*	<5*	<5*	<50*	<5*	<5*	<5*
NAB-3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
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	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1
	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1
	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
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	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
	<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
	<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
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<50*	<50*	<5*	<5*	<5*	<5*	<50*	<5*	<5*	<5*	
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NAB-4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
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	<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
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	<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1	

Butanone [MEK] (ug/l)	2-Hexanone (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)	Carbon disulfide (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)
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<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<5	<1	<1	<1	<5	<1	<1	<1	<1
<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<3.93	<3.82	<0.52	<0.38	<0.469	<0.866	<0.275	<0.379	<0.348	<0.327
<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
<15	<10	<1	<1	<1	<5	<1	<1	<1	<1
<50*	<50*	<5*	<5*	<5*	<50*	<50*	<5*	<5*	<5*
<7.3	<6.3	<2.5	<1.1	<1.9	<2.4	<4.6	<1.7	<2.8	n/a
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
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<3.9	<3.8								

<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<10	<10	<1	<1	<1	<5	<1	<1	<1	<1
<3.9	<3.8	<0.52	<0.38	<0.47	<0.87	<0.28	<0.38	<0.35	<0.33

[illegible][illegible]

[illegible]

TSP-4

MW-7

[illegible]

Chloromethane (ug/l)	cis-1,3- Dichloropropene	Dibromomethane (ug/l)	Ethylbenzene (ug/l)	Iodomethane (ug/l)	Styrene (ug/l)	Tetrachloroethene (ug/l)	trans-1,2- Dichloroethene (ug/l)	trans-1,3- Dichloropropene	Trichlorofluoromethane (ug/l)
<2.5	<1	<1	<1	<5	<1	<1	<1	<1	<5
<2.5	<1	<1	<1	<5	<1	<1	<1	<1	<5
<2.5	<1	<1	<1	<5	<1	<1	<1	<1	<5
<2.5	<1	<1	<1	<10	<1	<1	<1	<1	<5
<2.5	<1	<1	<1	<10	<1	<1	<1	<1	<5
<2.5	<1	<1	<1	<10	<1	<1	<1	<1	<5
<0.28	<0.42	<0.35	<0.38	<1.7	<0.31	<0.37	<0.4	<0.42	<1.2
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.28	<0.42	<0.35	<0.38	<1.7	<0.31	<0.37	<0.4	<0.42	<1.2
<0.276	<0.418	<0.346	<0.384	<1.71	<0.307	<0.372	<0.396	<0.419	<1.2
<0.276	<0.418	<0.346	<0.384	<1.71	<0.307	<0.372	<0.396	<0.419	<1.2
<0.276	<0.418	<0.346	<0.384	<1.71	<0.307	<0.372	<0.396	<0.419	<1.2
<0.276	<0.418	<0.346	<0.384	<1.71	<0.307	<0.372	<0.396	<0.419	<1.2
<2.5	<1	<1	<1	<10	<1	<1	<1	<1	<5
<2.5	<1	<1	<1	<10	<1	<1	<1	<1	<5
<2.5	<1	<1	<1	<10	<1	<1	<1	<1	<5
<50*	<5*	<5*	<5*	n/a	<5*	<5*	<5*	<5*	<50*
<1.4	<2.7	<0.71	<0.66	n/a	<0.74	<2.4	<1.1	<2.3	<2.6
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<2.5	<1	<1	<1	<10	<1	<1	<1	<1	<5
<2.5	<1	<1	<1						

NE-2

NABORS Landfill Histc

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
CAO-1	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	715	3.77
	<1.8	<10	<2.4	<2	0.57	<0.5	0.93	<0.25	<10	<0.15	n/a	n/a	738	5.57
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	801	5.78
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	790	2.2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	790	2.3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	770	2.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	780	7.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	850	16
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	810	6.2
	<5	<10	<1	<2.5	<3	<5	<5	0.44	11	n/a	n/a	n/a	650	17
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	660	6.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	740	11
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	630	9.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	120	1.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	530	10
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	570	13
	<10	<10	<10	<2.5	<3	<5	<5	<5	9	n/a	0.0042	<0.05	460	9.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.013	400	11
	<5	<10	<5	<2.5	<3	<5	<5	0.34	<50	n/a	0.0012	0.059	590	5.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	500	6
	<5	<10	<5	<2.5	<3	<5	<5	0.42	<50	n/a	<0.005	<0.05	570	83
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	560	10
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	590	7
	<10	<10	<10	<2.5	<3	<5	1	0.43	15	n/a	<0.005	<0.05	630	7.1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	630	8.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	630	3.9
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	550	12
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	790	18
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	696	14
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	798	9.95
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	0.00625	<0.0065	676	12
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	802	12.7
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	407	11.5
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	794	10.6
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	708	8.53
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	874	10.2
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	0.109	747	5.78
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	0.628	n/a	<50*	n/a	<0.1*	807	8.88
CAO-2	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	440	2.6
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	484	1.62
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	412	5.44
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	410	1.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	410	1.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	770	2.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	440	1.7
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	470	3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	440	1.8
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	7.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	410	2.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	410	3.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	3.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	3.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	470	3.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	440	4.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.018	370	4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0071	450	0.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	1.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.019	400	15
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	1.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.014	400	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	440	1.1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	430	1.4
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	340	1.8
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	550	5
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	445	6.32
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	356	2.33
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	397	3.5
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	494	6.11
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	419	1.8
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	433	5.77
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	349	2.05
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	406	1.54
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	468	2.31
CAO-3	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	296	2.61
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	509	5.15
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	368	4.66
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	1.8
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	300	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	500	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	590	5.8
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	650	2.4
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	4.4

NABORS Landfill Histc

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
Class_I_Draw	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	2.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	1.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	3.9
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	390	1.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.02	260	3.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	0.34
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	330	0.98
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	11
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	0.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	2.1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	390	1.7
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	500	1.7
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	270	<0.1
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	350	1.1
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	289	2.51
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	269	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	0.00626	<0.0065	389	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	280	1.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	293	5.05
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	305	1.64
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	278	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	386	1.02
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	291	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	456	1.2
Class_IV_Draw	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	370	9.9
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	209	6.1
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	250	6.09
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	318	4.2
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	190	7.23
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	194	6.08
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	319	4.23
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	285	5.51
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	257	2.57
LEACHATE	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	420	9.7
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	337	6.29
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	245	4.69
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	246	5.79
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	378	4.79
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	343	1.6
LF_Entrance_Seep	5	<10	<10	<2.5	42	<5	<5	3	23	n/a	n/a	n/a	n/a	n/a
	4.8	<10	<5	<2.5	46	<5	<5	18	53	n/a	n/a	n/a	n/a	n/a
	<5	<10	<5	<2.5	13	<5	<5	0.64	<50	n/a	n/a	n/a	n/a	n/a
	<5	<10	<5	<2.5	34	<5	<5	2.2	<50	n/a	n/a	n/a	n/a	n/a
	<5	<10	<5	<2.5	8	<5	<5	<5	<50	n/a	n/a	n/a	n/a	n/a
	1.8	<10	<5	<2.5	<3	<5	<5	<5	47	n/a	n/a	n/a	n/a	n/a
	2	<10	<10	<2.5	5.5	<5	0.98	0.4	19	n/a	0.013	<0.05	2100	84
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	2200	140
	<10	<10	<10	<2.5	5.4	<5	<5	<5	<50	n/a	<0.005	<0.05	2300	92
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	1800	71.4
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	1570	54.5
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	1350	55.6
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	1820	60
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	1560	64
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	1690	61.9
MW-1	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	310	3
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	300	7.5
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	305	3.39
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	206	5.69
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	295	3.3
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	203	7.42
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	336	3.63
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	335	2.38
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	334	3.72
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	311	2.18
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	288	2.73
	<5	<5	<0.5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	335	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	357	3.3
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	343	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	356	6.7
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	371	<6
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	362	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	363	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	359	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	379	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	394	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	402	1.2
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	400	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	435	<1
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	480	<1
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	561	<1

NABORS Landfill Histc

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
	<5	<20	<20	<10	<1	<2	<1	<1	<20	<1	n/a	n/a	520	1.82
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	553	2.61
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	550	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	500	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	520	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	580	3.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	610	3.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	600	3.8
	<5	<10	<1	<2.5	<3	<5	0.33	<5	<50	n/a	n/a	n/a	550	4.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	590	5.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	620	4.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	630	6.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	600	4.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	620	4.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	680	8.2
	<10	<10	<10	<2.5	<3	<5	0.46	<5	<50	n/a	<0.005	<0.05	690	3.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	33	n/a	n/a	0.014	700	9.8
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<5	<10	<5	<2.5	<3	<5	1.4	<5	<50	n/a	<0.005	0.0072	780	2.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	750	3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	710	68
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	710	3
	<5	<10	<5	<2.5	<3	<5	1	<5	<50	n/a	<0.005	<0.05	780	4.9
	<10	<10	<10	<2.5	<3	<5	1.6	<5	<50	n/a	<0.005	<0.05	830	9.3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.064	880	7.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	910	12
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	1140	9.79
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	1080	9.13
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	1060	11.6(j3)
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	1020	9.47
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	972	9.23
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	992	10.5
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	970	10.2
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	1020	8.62
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	0.267	n/a	<50*	n/a	<0.1*	965	8.62
MW-1R														
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	840	35
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	740	3.4
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	840	11
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	980	17
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	978	12.5
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	868	15.2
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	860	8.63
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	914	11.2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	894	7.74
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	928	7.52
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	764	8.98
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	894	9.34
	<50*	<50*	n/a	n/a	n/a	<5*	0.533	0.367	n/a	<50*	n/a	<0.1*	906	6.51
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	860	7.78
MW-2														
	<5	<5	<0.5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	331	1.96
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	358	2.76
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	340	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	393	<6
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	356	<6
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	350	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	345	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	344	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	341	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	355	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	371	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	363	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	367	<1
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	409	<1
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	411	<1
	<5	<20	<20	<10	<1	<2	<1	<1	<20	<1	n/a	n/a	356	1.55
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	366	2.27
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	1.2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	1.4
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	330	1.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	2.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	1.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	2.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	3.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	280	3.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.013	220	2.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0082	210	1.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	270	1.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	300	12
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	0.38
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	300	1.6
	<10	<10	<10	<2.5	<3	<5	0.88	<5	<50	n/a	<0.005	<0.05	320	0.95

NABORS Landfill Histc

4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	250	1.4
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	310	2
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	360	1.1
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	370	49
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	365	1.54
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	385	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	351	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	419	1.63
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	1.49
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	381	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	362	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	365	<1
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	382	<1*
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	369	<1*

MW-3

<5	<5	<0.5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	252	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	368	4.78
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	388	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	356	<6
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	360	<6
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	401	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	338	1.38
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	421	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	361	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	452	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	412	1.4
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	787	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	437	<1
<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	508	<1
<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	425	<1
<5	<20	<20	<10	<1	<2	<1	<1	<20	<1	n/a	n/a	474	<1
<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	453	2.78
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	480	2.6
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	450	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	460	1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	530	2.7
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	520	2.2
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	2.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	440	2.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	500	3.6
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	470	3.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	1.8
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	530	5.1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	450	3.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.019	300	3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0078	500	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	30	n/a	<0.005	<0.05	500	0.54
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	520	28
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	430	0.36
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	510	1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.046	540	0.84
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	510	1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	590	2.5
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	410	2.4
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	530	2.1
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	525	8.26
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	143	n/a	<0.0018	<0.0065	436	5.48
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	458	1.14(B)
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	499	2.65
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	511	1.6
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	525	2.32
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	411	<1
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	653	6.33

MW-4

<5	<5	<0.5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	292	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	304	4.48
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	293	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	310	<6
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	316	7.2
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	303	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	296	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	299	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	310	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	310	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	311	1.7
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	421	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	316	<1
<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	320	<1
<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	329	<1
<5	<20	<20	<10	<1	<2	<1	<1	<20	<1	n/a	n/a	299	<1
<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	332	2.19
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.6

NABORS Landfill Histc

4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	2.7
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	1.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.8
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	330	1.8
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	270	2.1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	1.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	2.2
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	0.06	<0.05	340	0.68
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0038	330	2.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0043	360	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	7.8
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.028	340	0.72
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	2.4
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	370	1.1
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	420	51
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	396	1.31
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	365	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	366	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	384	1.93
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	368	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	376	1.09
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	388	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	405	<1
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	438	<1*
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	396	<1*

MW-5

<5	<5	<0.5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	330	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	340	5.86
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	320	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	335	<6
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	340	<6
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	333	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	324	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	332	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	338	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	345	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	352	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	358	<1
<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	354	<1
<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	366	<1
<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	393	<1
<5	<20	<20	<10	<1	<2	<1	<1	<20	<1	n/a	n/a	340	<1
<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	362	17.4
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	2.1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	1.7
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	1.7
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	2.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	2.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	2.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	4.2
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	1.5
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.004	370	2.1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.015	370	0.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	8.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	0.33
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.039	400	0.88
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	4.8
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	400	1.7
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	450	<0.1
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	431	1.59
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	419	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	402	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	406	<0.102
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	401	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	416	1.2
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	412	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	444	<1
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	426	<1*
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	443	1.01

MW-509D

<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	270	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.5

NABORS Landfill Histc

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
MW-577	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	2.3
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	290	4.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	270	1.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	1.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	2.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	280	2.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	270	2.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0085	290	2.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0035	340	<1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	0.26
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.029	370	7.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	1.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	470	1.8
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	450	1.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	500	<1
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	290	1.1
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	390	3.8
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	373	1.53
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	300	1.78
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	380	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	361	<0.102
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	391	1.25
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	395	1.23
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	300	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	396	<1
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	330	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	378	<1*
MW-6	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	460	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	460	4.3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	460	2.2
	<5	<10	<1	<2.5	<3	<5	<5	0.31	<50	n/a	n/a	n/a	500	<1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	460	<1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	450	1.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	430	3.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	500	1.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	490	2.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	440	2.4
	<10	<10	<10	<2.5	<3	<5	<5	2.5	<50	n/a	<0.005	0.015	500	1.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.013	510	3.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0073	490	<1
	<5	<10	<5	<2.5	<3	<5	<5	0.54	<50	n/a	<0.005	<0.05	460	0.37
	<5	<10	<5	<2.5	<3	<5	<5	6.7	<50	n/a	<0.005	<0.05	490	52
	<5	<10	<5	<2.5	<3	<5	<5	<5	35	n/a	<0.005	<0.05	460	<1
	<5	<10	<5	<2.5	<3	<5	<5	3.3	<50	n/a	<0.005	<0.05	490	1.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.046	480	1.1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	470	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	470	<1
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	440	1.1
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	430	3.3
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	398	3.17
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	382	1.93
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	390	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	435	<0.102
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	412	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	398	1.14
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	399	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	416	<1
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	408	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	0.421	403	<1*
MW-6	<5	<5	<0.5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	381	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	396	3.41
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	379	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	396	<6
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	401	<6
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	396	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	404	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	404	1.08
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	393	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	403	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	410	1.1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	394	1.08
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	400	1.03
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	405	1.23
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	408	1.82
	<5	<20	<20	<10	<1	<2	<1	<1	<20	<1	n/a	n/a	364	1.88
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	392	3.37
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	2.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	2.6

NABORS Landfill Histc

4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	1.9
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	12
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	3.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	330	3.1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	3.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	2.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	3.7
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	1.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	<0.05	390	2.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0055	400	0.28
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	0.58
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	31
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	0.79
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	0.67
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.022	430	1.2
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	430	2
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	430	5.4
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	410	2.2
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	460	<0.1
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	440	2.65
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	399	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	461	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	430	1.02
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	434	1.29
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	432	1.75
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	432	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	446	1.39
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	453	1.21
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	470	1.58

MW-633D

<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	410	2.1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	1.8
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	4.2
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	2.1
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	3.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	1.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	410	1.7
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	2.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	1.8
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	2
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	2.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0073	380	3.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0087	430	0.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	11
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	0.65
<10	<10	<10	<2.5	<3	<5	0.87	<5	<50	n/a	<0.005	0.016	420	0.55
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	2.7
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	420	2
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	460	3.8
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	425	1.97
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	442	3.29
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	419	1.28
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	466	1.88
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	423	1.73
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	366	1.53
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	406	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	430	1.31
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	413	1.06
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	427	1.19

MW-689D

<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	180	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	1.1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	4.4
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	2.2
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	3.1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	1.6
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	200	2.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.6
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	1.6
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.015	220	2.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	1.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	11
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	2.4
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	0.56
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.029	410	0.6
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	280	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	470	<1

NABORS Landfill Histo

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
MW-7	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	370	1.6
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	410	2.9
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	395	1.19
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	377	2
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	375	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	392	<0.102
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	398	1.05
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	408	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	376	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	393	<1
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	404	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	400	<1*
	<5	<5	<0.5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	263	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	315	7.21
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	341	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	370	<6
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	370	<6
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	355	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	298	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	358	1.25
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	294	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	336	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	316	<1
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	337	1.11
	<5	<5	<5	<1	<0.6	<0.5	<0.1	<0.1	<5	n/a	n/a	n/a	312	1.62
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	316	<1
	<5	<5	<0.5	<1	<1	<0.5	<4	<1	<5	n/a	n/a	n/a	324	2.85
	<5	<20	<20	<10	<1	<2	<1	<1	<20	<1	n/a	n/a	305	1.95
	<1.8	<10	<2.4	<2	<0.2	<0.5	<0.35	<0.25	<10	<0.15	n/a	n/a	324	2.44
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	290	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	300	<1
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	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	4.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	300	1.8
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	290	2
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	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	330	2.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	3.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	2.3
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	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0095	330	<1
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	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	31
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	0.59
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	69
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	1.1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	390	6.4
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	320	1.4
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	330	<0.1
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	341	1.48
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	341	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	274	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	327	<0.102
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	338	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	338	1.06
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	330	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	328	<1
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	315	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	328	1.04
NAB-1	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	20
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	8
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	2.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	1.8
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	5.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	1.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	2.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	3.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	4
	<10	<10	<10	<2.5	<3	<5	<5	0.31	<50	n/a	<0.005	<0.05	420	1.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.011	370	4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	0.33
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	1.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.021	420	25
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	0.37
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.019	420	0.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	440	2

NABORS Landfill Histo

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
NAB-2	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	2.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	470	3.3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.9
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	1.7
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	1.4
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	4.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	1.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	1.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	3.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	3.2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	0.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0092	360	2.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.014	370	<1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	1.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	8.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	<1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	0.68
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	410	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	440	1.3
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	400	<0.1
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	450	<0.1
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	433	2.02
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	412	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	254	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	385	<0.102
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	443	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	443	1.39
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	412	<1
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	440	<1*
NAB-3	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	250	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	300	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	2.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	5.2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	1.6
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	4.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	1.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	2.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	3.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	4.1
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	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	450	3.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0064	400	3.9
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	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	3.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	0.8
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.031	430	1.7
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	1.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	450	<1
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	330	2
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	410	<0.1
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	397	2.17
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	372	1.51
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	368	1.14
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	385	1.58
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	396	1.43
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	425	94.7
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	360	1.72
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	418	1.2
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	407	1.32
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	425	1.89
NAB-4	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	330	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	1.9
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	1.6
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	4.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	1.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	3.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	1.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	390	3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	3.1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	0.0067	<0.05	430	2.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0099	430	5.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0037	460	<1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	470	0.48

NABORS Landfill Histc

4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	33
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	0.68
<10	<10	<10	<2.5	<3	<5	0.95	<5	<50	n/a	<0.005	<0.05	420	0.5
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	450	1.1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	450	1.6
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	420	2.3
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	490	<0.1
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	466	1.97
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	385	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	436	1.01
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	453	1.22
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	466	1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	458	1.79
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	417	<1
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	505	<1*
<6.6	n/a	<3.9	n/a	n/a	<1.2	<4.9	<0.84	<6.7	<0.94	n/a	<0.1*	501	1.07

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<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	330	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	330	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	1.6
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	5.6
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	300	4.5
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	1.6
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	1.5
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	2.3
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	300	2.1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	2.2
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.7
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	3.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0039	320	2.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0088	360	<1
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	0.69
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	31
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	330	0.46
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	0.72
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	<1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	<1
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	310	1.8
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	400	4.4
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	384	1.44
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	303	2.34
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	345	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	388	1.02
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	399	1.61
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	350	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	371	<1
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	336	<1*
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	369	<1*

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<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	380	1
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	1.8
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	310	4.8
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	1.7
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	5.5
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	2
<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	3.9
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	340	1.8
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	2.8
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	0.56
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.028	330	10
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	0.52
<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	0.45
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	1.5
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	1.4
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	1.9
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	340	1.9
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	370	8.4
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	0.007	<0.0065	358	9.86
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	341	2.32
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	322	<0.102
<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	354	<0.102
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	341	<1
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	371	23.3
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	360	3.35
<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	374	5.1
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	406	7.27
<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	n/a	1.53
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	377	n/a

NE-2

<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	3200	100
<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	3300	100
<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	2800	60

NABORS Landfill Histc

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
NE-3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	2800	40
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	2070	23
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	2030	20.2
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	1600	15.2
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	120	14.1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	1590	12.2
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	1660	12.4
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	1560	13.9
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	1420	12.9
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	1520	12.8
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	1320	11.7
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	<1
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	330	1.9
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	360	5.6
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	326	1.37
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	331	3.59
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	306	1.13
NE-4	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	332	<0.102
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	337	11.9
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	347	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	354	1.45
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	352	3.65
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	366	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	352	1.24
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	355	2.31
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	394	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	437	<1*
NE-6	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	390	<1
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	430	<1
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	390	<0.1
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	430	2.4
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	414	1.2
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	407	1.79
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	393	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	406	2.67
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	394	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	398	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	384	<1
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	352	<1
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	409	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	384	<1*
RD-Spring	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SP-5	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	6.2
SP-7	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	260	1.8
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	210	3.9
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	160	4.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	190	3.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	220	5.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	3.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	230	2.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	270	16
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	250	2.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	250	2.7
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.032	250	2.9
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	310(Q)	1.5
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	250	3.8
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	290	5.6
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	210	3.78
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	212	5.17
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	236	2.93
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	228	5.85
SP-7--Spring	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	335	3.01
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	275	2.37
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	228	3.55
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	173	2.86
SP-NE-3	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	144	2.57
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	170	3.6
SPRINGA	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	350	3.6
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	248	2.14
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	205	3.88
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	298	1.45
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	172	2.61
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	199	1.89
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	260	1.5
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	280	2.3

NABORS Landfill Histc

	4-Methyl-2-pentanone [MIBK] (ug/l)	Acrylonitrile (ug/l)	Vinyl acetate (ug/l)	trans-1,4-Dichloro-2- butene (ug/l)	Xylenes, Total (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)	Acetone (ug/l)	Dichlorodifluoromethane (ug/l)	Cyanide (mg/l)	Sulfide (mg/l)	Dissolved Solids (mg/l)	TOC (mg/l)
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	280	3.9
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	270	2.8
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	260	2.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	250	4.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	270	3.4
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	270	2.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	260	2.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	1.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	<0.05	320	3.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	0.014	0.0094	370	0.26
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	290	0.73
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	370	27
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	340	0.59
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	380	1.2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	360	1.2
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	1.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420(Q)	<1
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	250	1.5
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	360	2.9
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	279	1.9
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	208	2.59
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	292	<0.102
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	287	2.3
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	339	1.2
	<10	<10	<10	<2.5	<3	<5	<5	<1	<50	n/a	<0.005	<0.05	359	<1
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	283	1.92
SPRINGB	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	430	2.6
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	6.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	450	11
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	500	3.5
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	550	4.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0091	230	6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	660	3.3
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	570	7.8
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	670	15
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	631	8.19
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	554	7.81
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	609	5.9
TSP-1	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	1.6
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	400	4.5
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	4.5
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	320	4.8
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	3.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	360	2.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	420	1.7
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	<0.05	330	2.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	0.68
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.014	390	0.82
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	294	<1*
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	367	3.06
TSP-2	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	290	<1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	350	2.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.0045	260	2.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.0071	350	1.3
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	300	0.24
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	7.1
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	320	1.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	0.016	320	1.8
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	350	5.4
	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	0.0082	<0.05	460	2.9
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	466	6.46
TSP-3	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	4.6
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	320	6.6
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	370	4.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	n/a	0.013	170	2.9
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	400	2.2
	<5	<10	<5	<2.5	<3	<5	<5	<5	<50	n/a	<0.005	<0.05	420	3
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	270	3.4
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	n/a	<0.0018	<0.0065	450	6.2
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	417	4.58
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	311	3.79
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	386	2.3
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	419	4.89
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	406	3.24
TSP-4	<10	<10	<10	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	240	2.3
	<5	<10	<1	<2.5	<3	<5	<5	<5	<50	n/a	n/a	n/a	260	5
	<2.1	<1.9	<1.6	<0.87	<1.1	<0.32	<1	<0.78	<10	<0.55	<0.0018	<0.0065	310	4.2
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	<0.0018	<0.0065	307	4.01
	<2.14	<1.87	<1.63	<0.866	<1.06	<0.324	<1	<0.78	<10	n/a	0.00596	<0.0065	346	4.4
	<50*	<50*	n/a	n/a	n/a	<5*	<20*	<5*	n/a	<50*	n/a	<0.1*	187	1.65

CAO-1

CAO-2CAO-3[illegible]

[illegible]

MW-1

[illegible]

MW-3

[illegible]

MW-5

[illegible]

MW-577

[illegible]

[illegible]

MW-7

[illegible]

NABORS Landfill Hisc

Alkalinity (mg/l)	Hardness, calcium (mg/l)	Ammonia Nitrogen (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Potassium (mg/l)	Sodium (mg/l)	Acrolein (mg/l)	2-Chloroethyl vinyl ether (mg/l)	1,3- Dichlorobenzene (mg/l)	1,3- Dichloropropane (mg/l)	2,2- Dichloropropane (mg/l)	1,1- Dichloropropane (mg/l)
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
330	240	<0.038	96	46	1.9	2.6	<0.0089	<0.003	<0.00022	<0.00037	<0.00032	<0.00035
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.05*	<0.05*	<0.005*	<0.005*	<0.005*	<0.005*
n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.0047	<0.0047	<0.00058	<0.00083	<0.0019	<0.00073

NAB-7

[illegible]

NAB-8

[illegible]

NE-2

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
550	760	<0.038	300	140	9.7	410	<0.0089	<0.003	<0.00022	<0.00037	<0.00032	<0.00035

[illegible]

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a

CAO-1

[illegible]

CAO-3

[illegible]

[illegible]

MW-1

MW-1R

[illegible]

MW-3

[illegible]

MW-5

[illegible]

NABORS Landfill Hisc

[illegible]

MW-633D

[illegible]

MW-7

[illegible]

[illegible]

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.00036	<0.015	<0.0017	<0.0017	<0.0014	<0.039	<0.013	<0.0012	<0.018	<0.00033	<0.0011	<0.00015	<0.00029	<0.00029

Class_I_Draw

[illegible]

MW-1R

[illegible]

MW-3

MW-4

MW-633D

[illegible]

MW-7

[illegible]

NABORS Landfill Histc

[illegible]

NAB-7

[illegible]

NAB-8

[illegible]

NF-2

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.00041	<0.0019	<0.0042	<0.00016	<0.00065	<0.00021	<0.0056	<0.00029	<0.0002	<0.00033

[illegible]

MW-5

[illegible]

MW-633D

[illegible]

MW-7

[illegible]

[illegible]

[illegible]

NABORS Landfill Histc

[illegible]

MW-1R

[illegible]

MW-3

[illegible]

MW-5

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

MW-7

[illegible]

[illegible]

NAB-7

[illegible]

[illegible]

MW-7

[illegible]

CAO-1

[illegible]

CAO-3

[illegible]

Class_I_Draw

[illegible]

MW-3

MW-4

MW-5

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

MW-7

[illegible]

[illegible]

2,3,4,6-Tetrachlorophenol (mg/l)	Propionitrile (mg/l)	Aldrin (mg/l)	Alpha BHC (mg/l)	Beta BHC (mg/l)	Delta BHC (mg/l)	Gamma BHC (mg/l)	Chlordane (mg/l)	4,4-DDD (mg/l)	4,4-DDE (mg/l)	4,4-DDT (mg/l)	Dieldrin (mg/l)	Endosulfan I (mg/l)	Endosulfan II (mg/l)

[illegible]

[illegible][illegible]

CAO-1

[illegible]

CAO-3

[illegible]

[illegible]

MW-1R

[illegible]

MW-3

[illegible]

MW-5

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

[illegible]

[illegible]

NAB-7

[illegible]

[illegible]

CAO-1

[illegible]

Class_I_Draw

[illegible]

MW-1R

[illegible]

[illegible]

MW-5

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

NAB-1

NABORS Landfill Histc

[illegible]

NAB-7

[illegible]

NAB-8

[illegible]

NE-2

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.00034	<0.00039	<0.00033	<0.0016	<0.00044	<0.00034	<0.00038	<0.00033	<0.0003	<0.00033

[illegible]

NABORS Landfill Histc

[illegible]

[illegible]

MW-577

[illegible]

MW-7

[illegible]

NABORS Landfill Histc

[illegible]

NAB-7

[illegible]

NAB-8

[illegible]

NE-2

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.00028	<0.00034	<0.002	<0.0016	<0.00028	<0.00031	<0.00032	<0.00033	<0.0023

[illegible]

Hexachloroethane (mg/l)	Indeno[1,2,3-cd] pyrene (mg/l)	Isophorone (mg/l)	2-Methylnaphthalene (mg/l)	Naphthalene (mg/l)	2-Nitroaniline (mg/l)	3-Nitroaniline (mg/l)	4-Nitroaniline (mg/l)	Nitrobenzene (mg/l)	n-Nitrosodiphenylamine (mg/l)

[illegible][illegible][illegible]

NABORS Landfill Histc

[illegible]

[illegible]

[illegible]

[illegible]

MW-577

[illegible]

[illegible]

MW-7

[illegible]

[illegible]

[illegible]

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.00036	<0.00028	<0.00027	<0.00031	<0.00037	<0.0019	<0.00031	<0.00035	<0.00037	<0.0003

[illegible][illegible]

[illegible]

NABORS Landfill Hisc

[illegible]

MW-3

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

NABORS Landfill Histc

[illegible]

NAB-7

[illegible]

NAB-8

[illegible]

NE-2

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<0.0004	<0.00037	<0.00028	<0.00071	<0.00027	<0.00028	<0.00028	<0.00028	<0.00033	<0.00026	<0.00028	<0.00031	

[illegible]

CAO-1

[illegible]

CAO-3

[illegible]

Class_I_Draw

[illegible]

MW-1R

[illegible]

MW-3

MW-4

MW-5

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

MW-7

[illegible]

NAB-2

[illegible]

NAB-7

NAB-8

NF-2

SPRINGB

[illegible]

CAO-1

2,4,6-Trichlorophenol (mg/l)	Acetophenone (mg/l)	2-Acetylaminofluorene (mg/l)	4-Aminobiphenyl (mg/l)	Chlorobenzenilate (mg/l)	Diallate (mg/l)	Oil & Grease (mg/l)	Phosphorus, Total (mg/l)	Flashpoint (deg F)	Cyanide [total] (mg/L)	1,2,4- Trimethylbenzene (ug/L)
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
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n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
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n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01*	<5*
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01*	<5*

CAO-3

[illegible]

Class_I_Draw

Class_IV_Draw

LEACHATE

LF_Entrance_Seep

MW-1

[illegible]

MW-1R

MW-2

MW-3

[illegible]

MW-5

[illegible]

MW-577

MW-6

MW-633D

[illegible]

MW-7

[illegible]

NAB-2

[illegible]

[illegible]

CAO-1

[illegible]

[illegible]

MW-3

[illegible]

MW-5

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

MW-7

[illegible]

NAB-7

[illegible]

NABORS Landfill Histc

[illegible]

SPRINGB

[illegible]

MW-577

[illegible]

MW-633D

[illegible]

CAO-1

[illegible][illegible][illegible]

NABORS Landfill Histc

[illegible]

NABORS Landfill Hisc

[illegible]

Dibromochloromethane (ug/l)	m&p-Xylenes (ug/l)	o-Xylene (ug/l)

MW-3

MW-4

[illegible]

MW-5

MW-509D

NABORS Landfill Hisc

[illegible]

MW-577

MW-6

NABORS Landfill Hisc

[illegible]

MW-633D

MW-689D

NABORS Landfill Hisc

[illegible]

MW-7

NAB-1

NAB-2

[illegible]

NAB-4

[illegible]

NABORS Landfill Hisc

[illegible]

NAB-7

NAB-8

NE-2

NABORS Landfill Hisc

[illegible]

NABORS Landfill Hisc

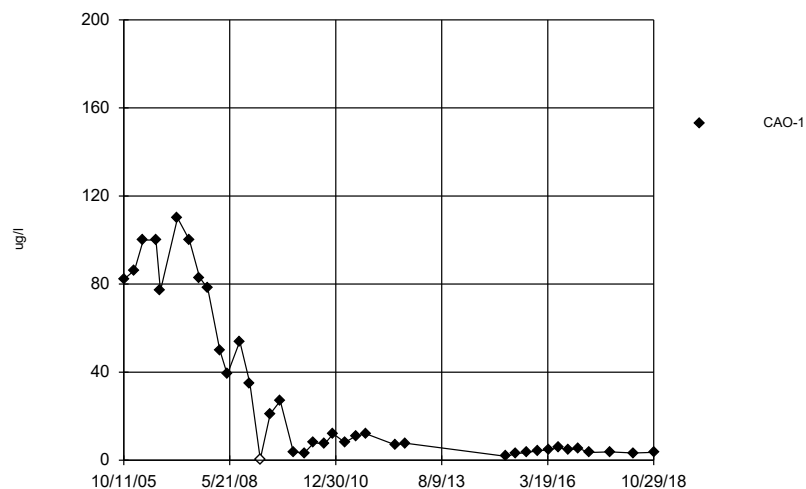
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Appendix D

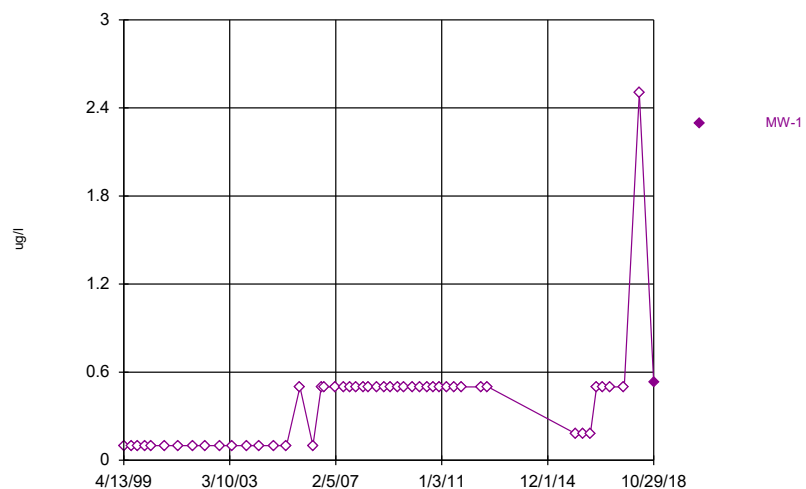
Statistical Plots

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Time Series

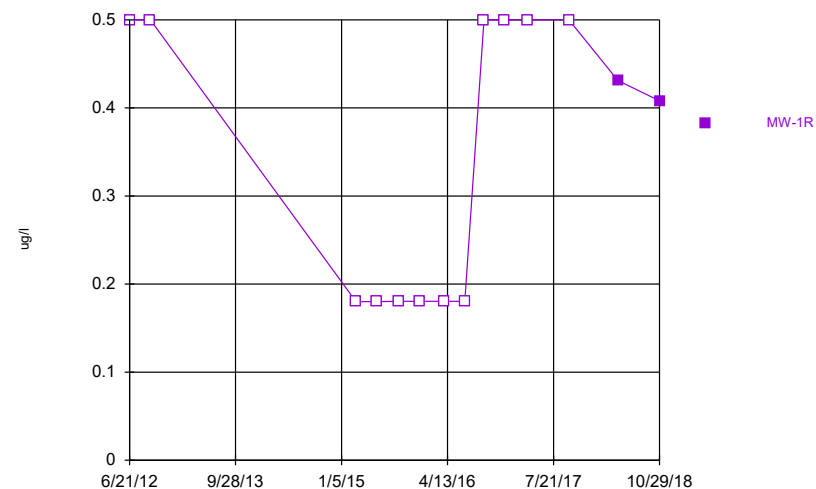


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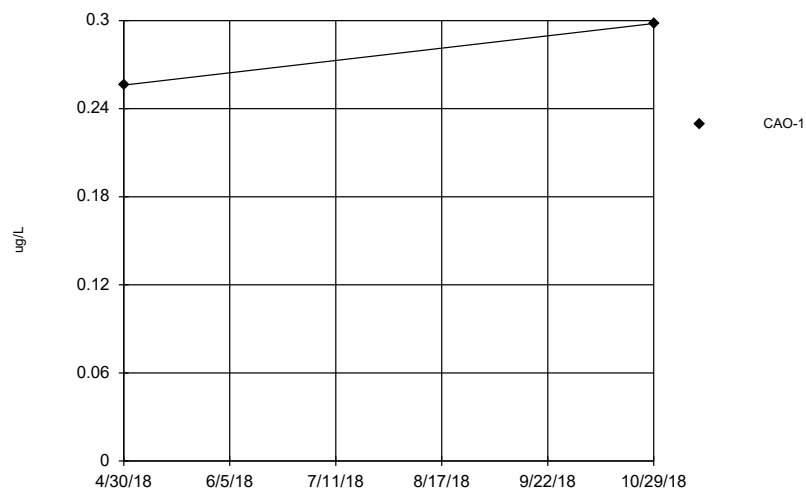
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



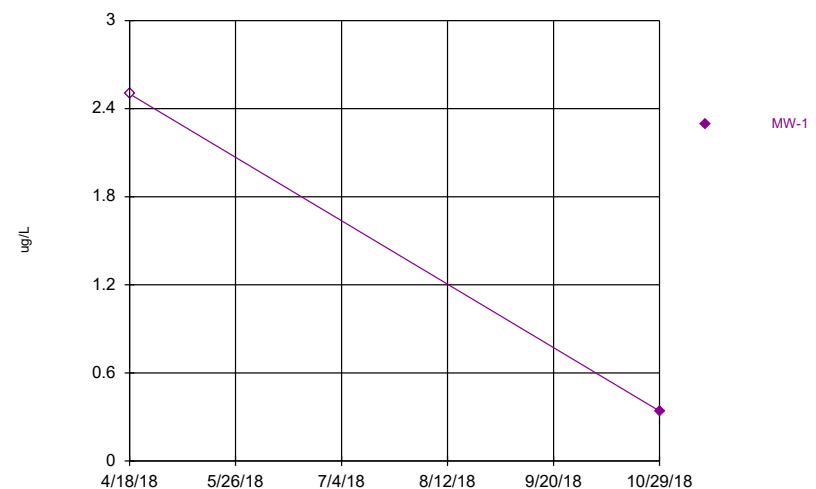
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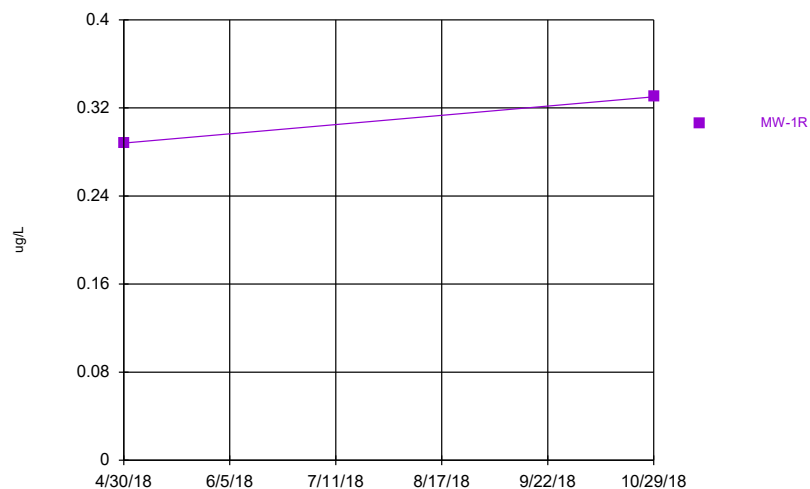
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



Constituent: 1,2-Dimethylbenzene Analysis Run 3/27/2019 11:57 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



Constituent: 1,2-Dimethylbenzene Analysis Run 3/27/2019 11:57 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



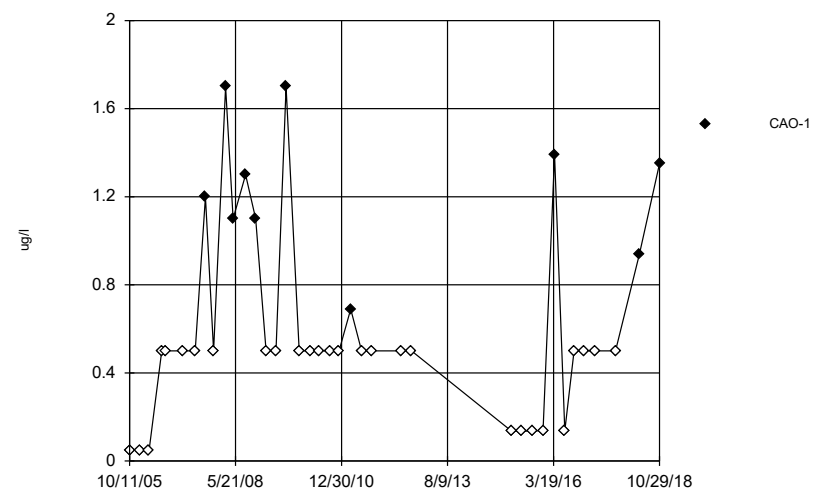
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

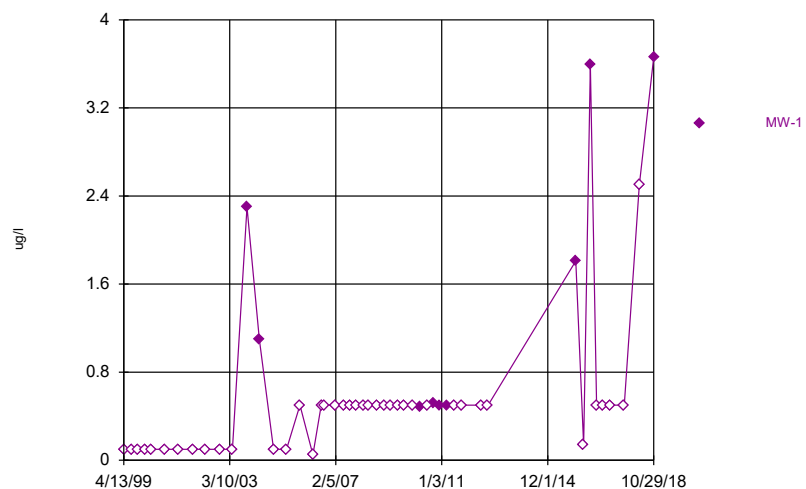


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

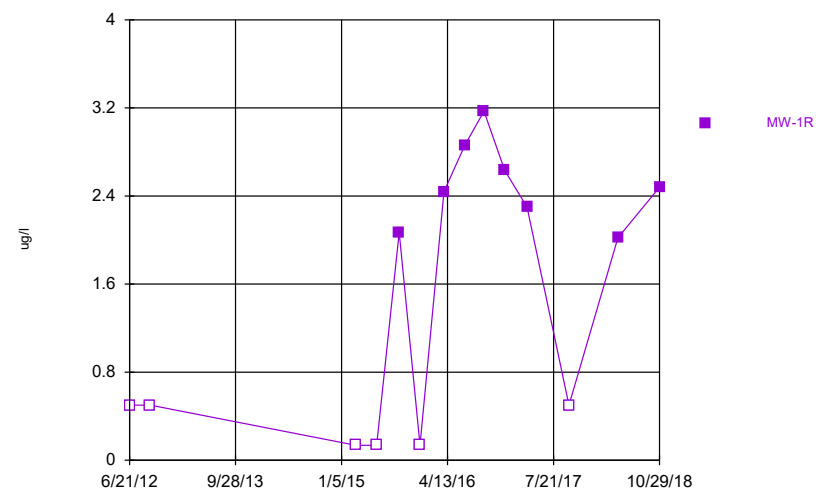
Time Series



Time Series



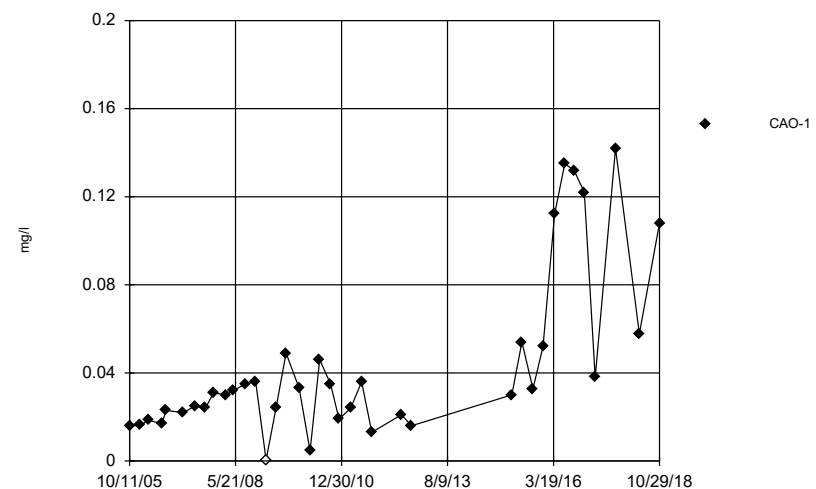
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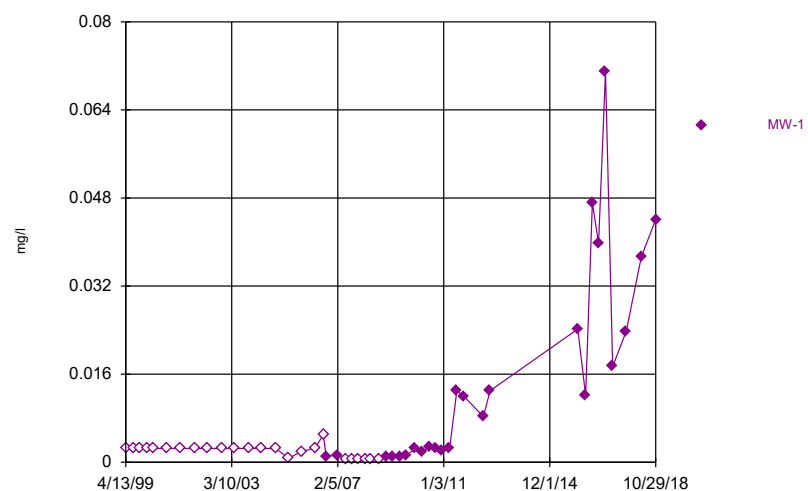
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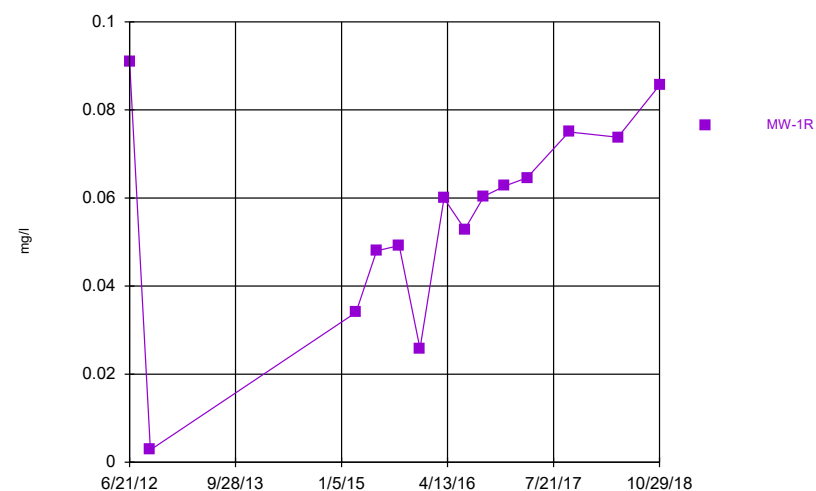
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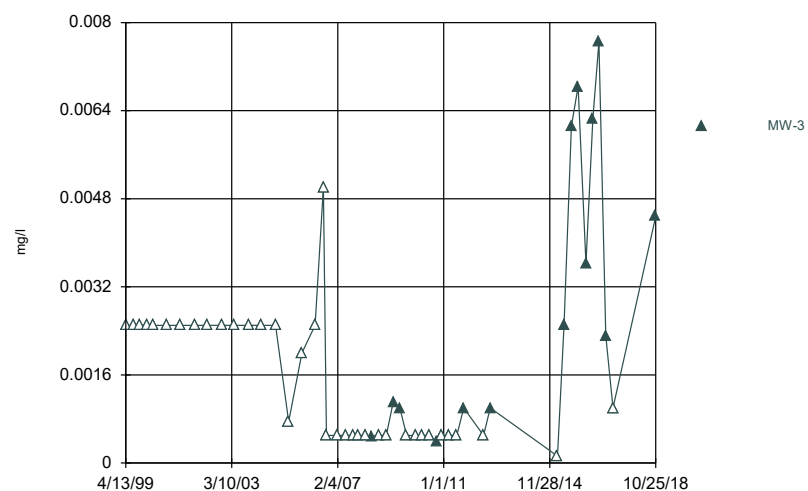
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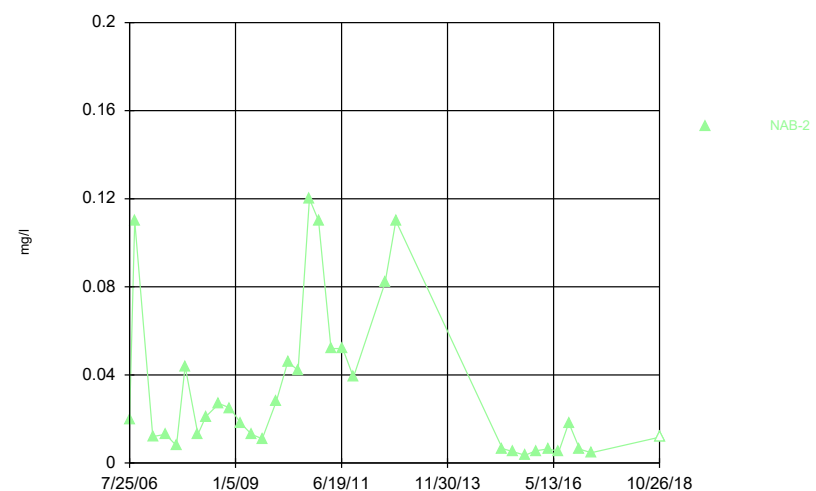
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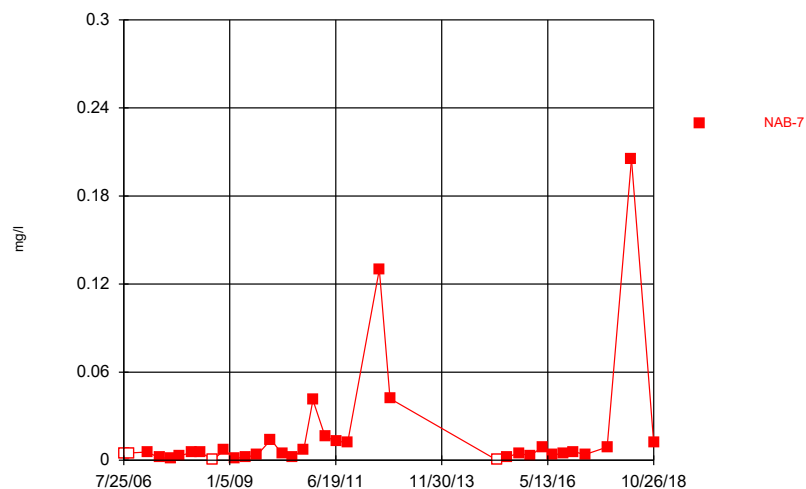
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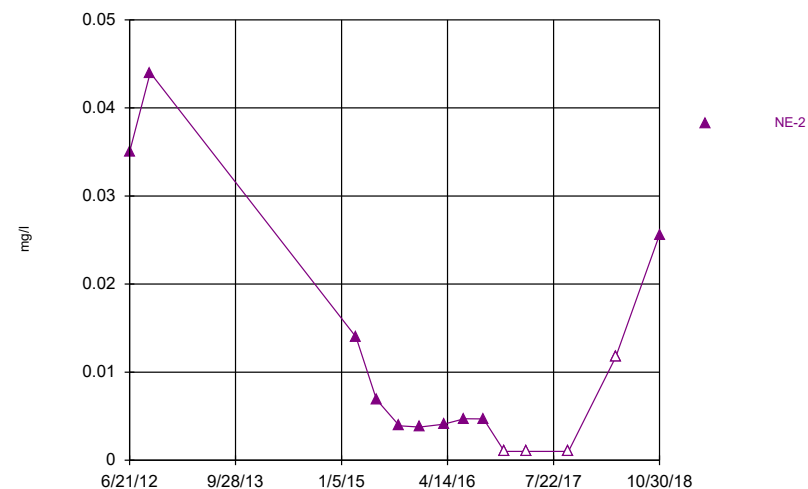
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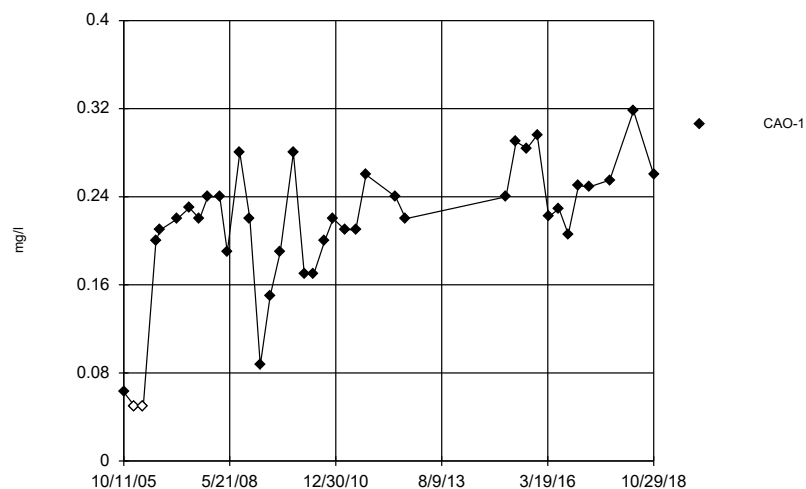
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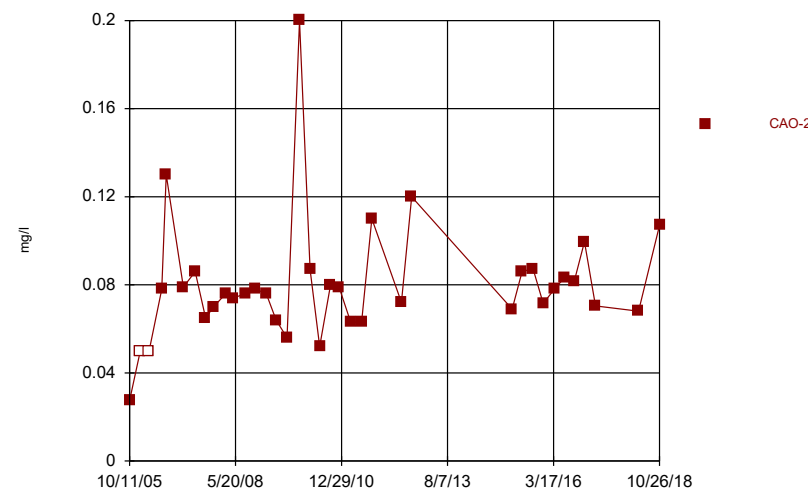
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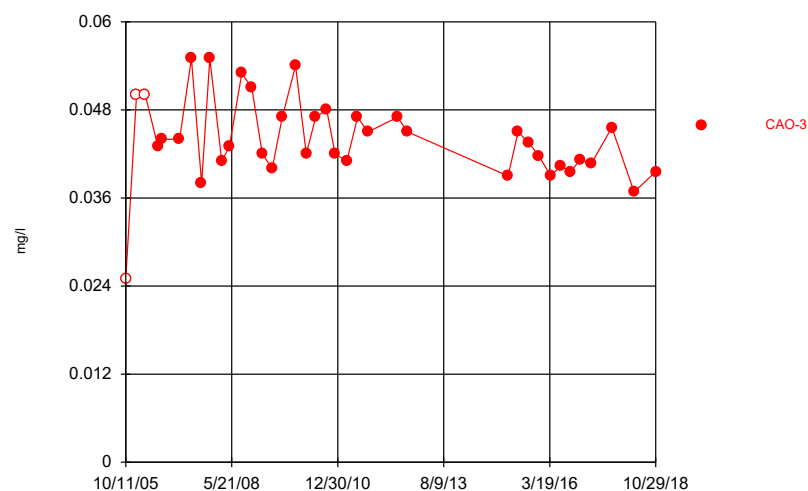
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Time Series

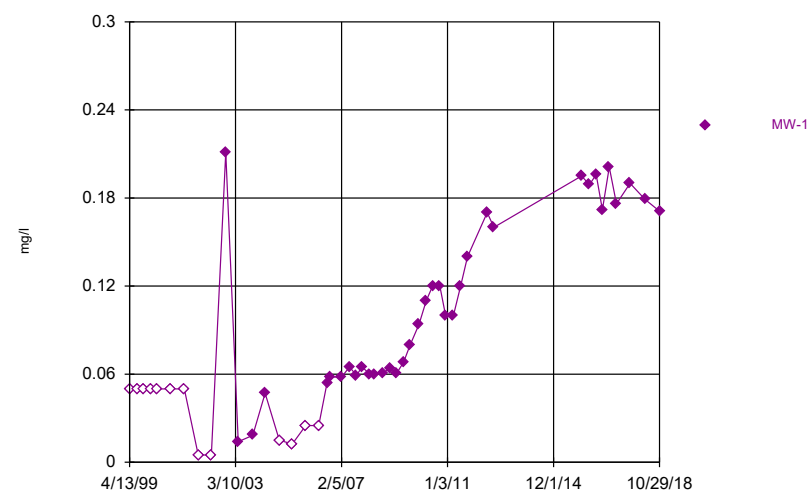


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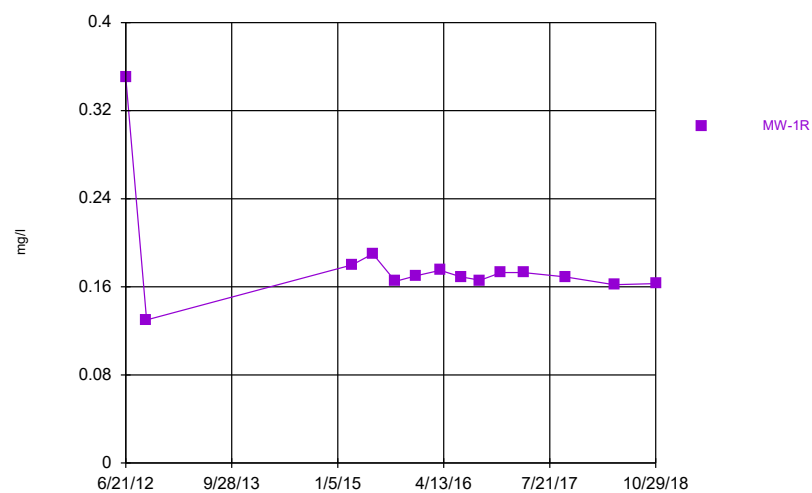
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NABORS Landfill Client: Harbor Environmental Data: NABORS DATABASE SanitasMatrix

Time Series



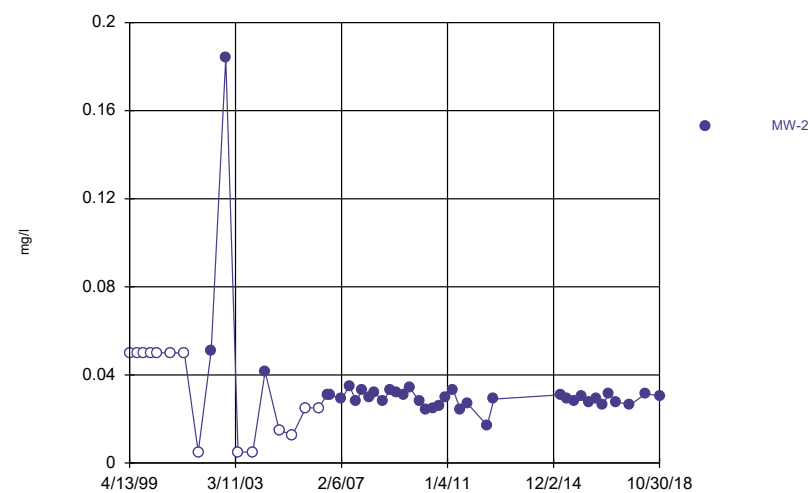
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NABORS Landfill Client: Harbor Environmental Data: NABORS DATABASE SanitasMatrix

Time Series



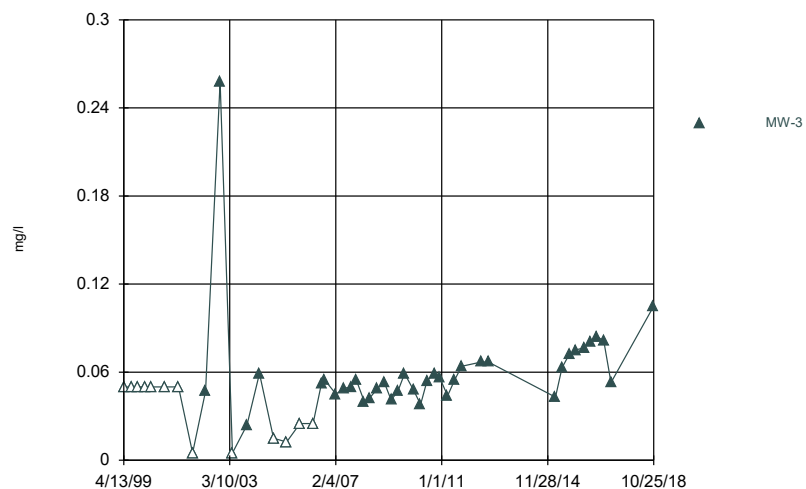
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

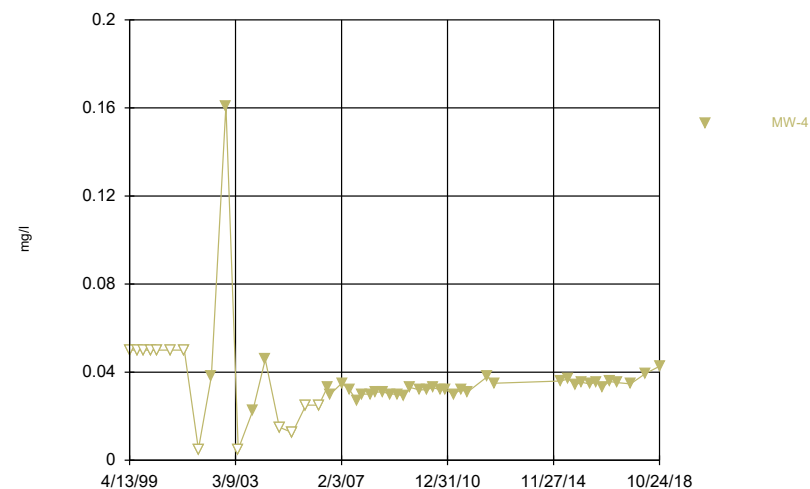


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

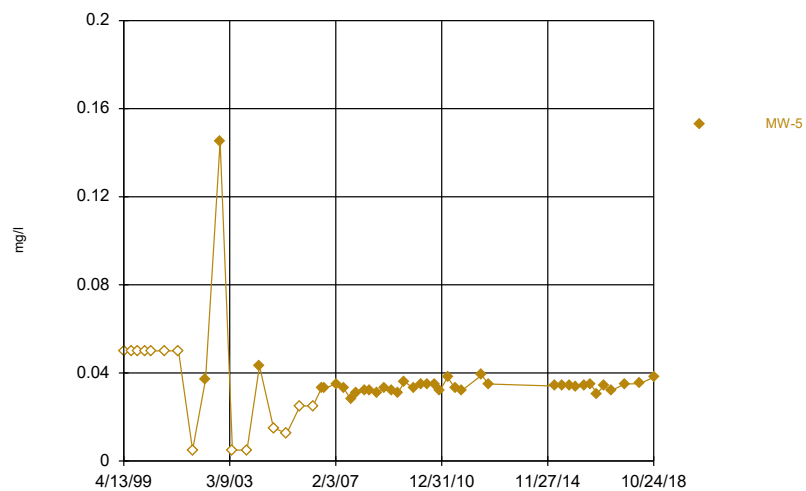
Time Series



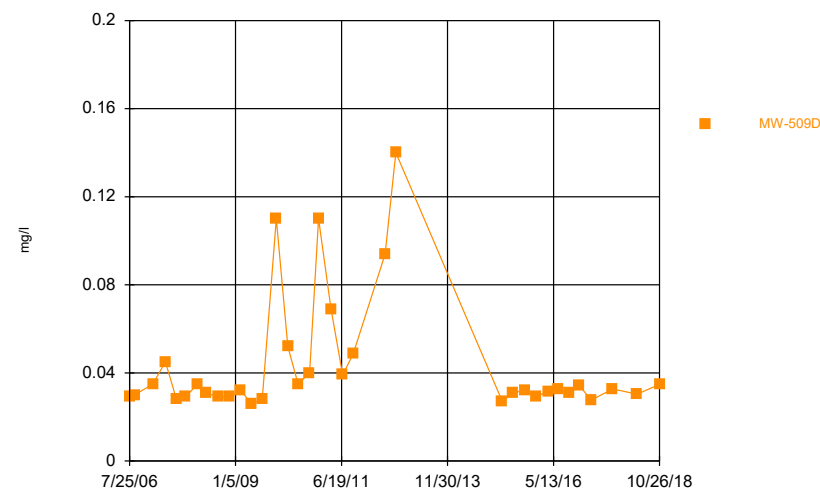
Time Series



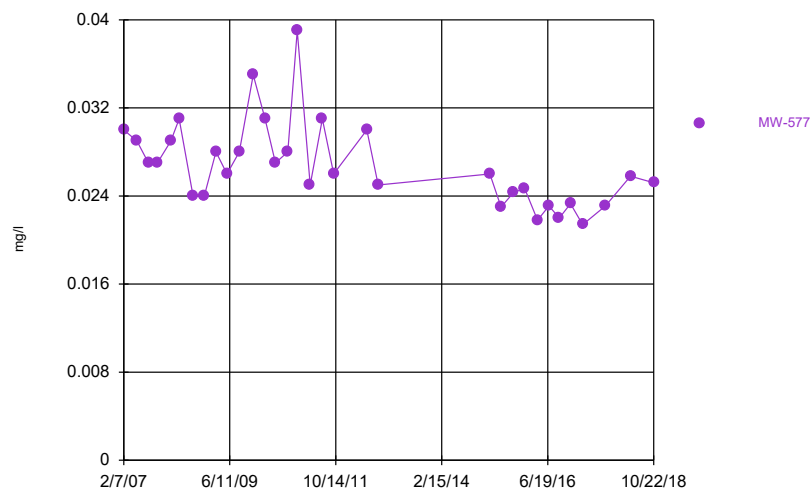
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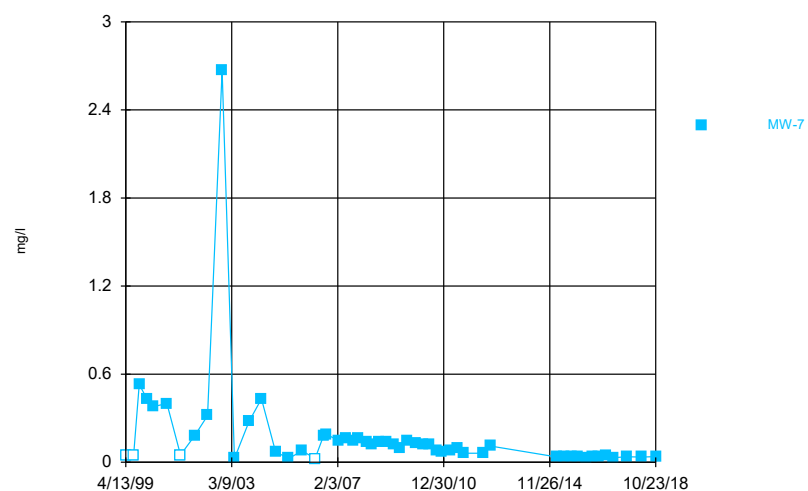
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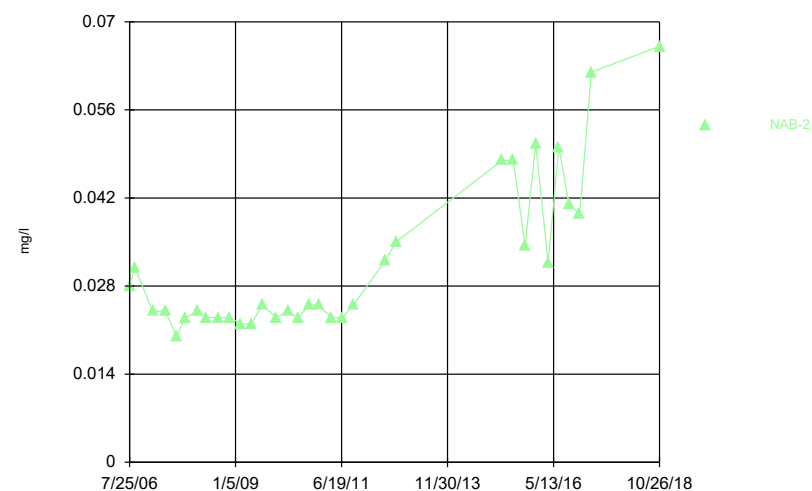
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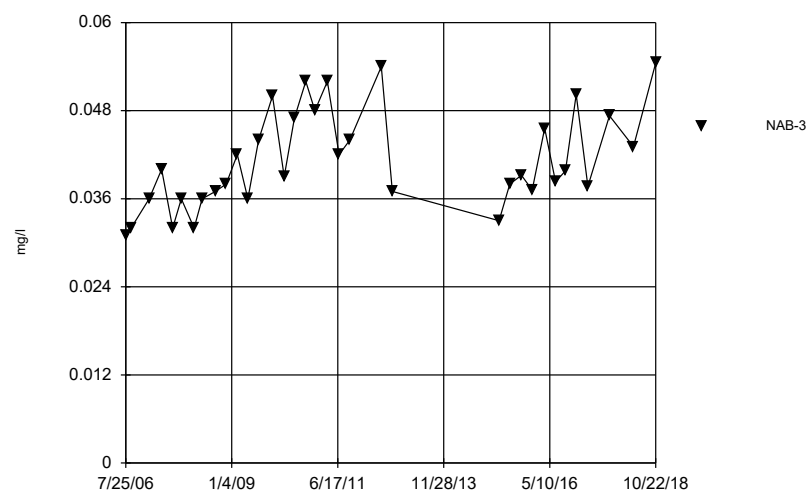
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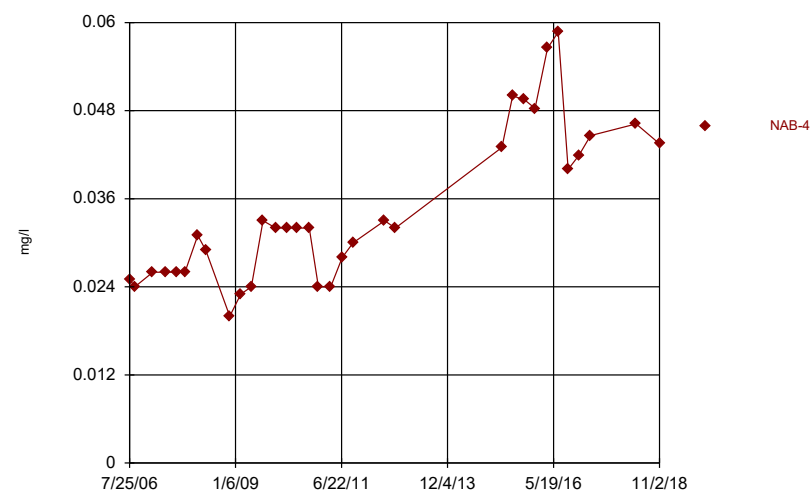
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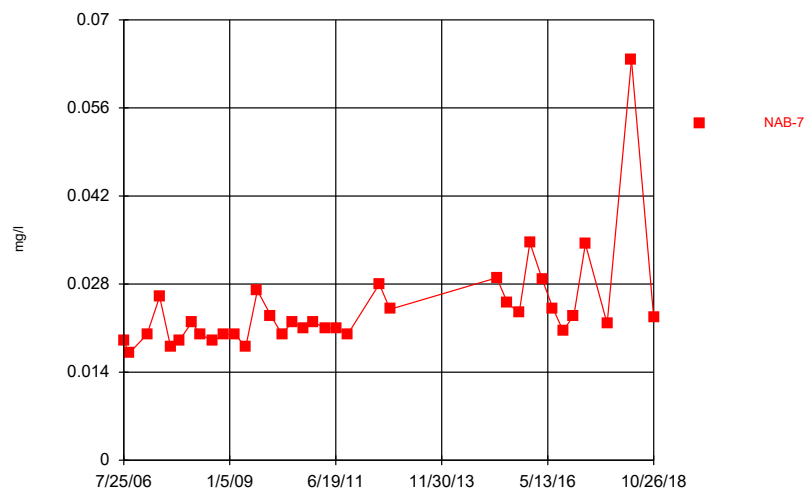
Time Series



Time Series

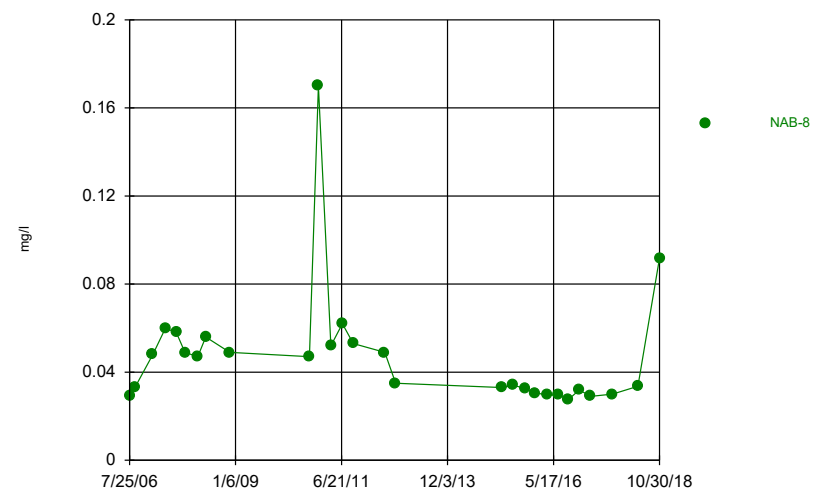


Time Series



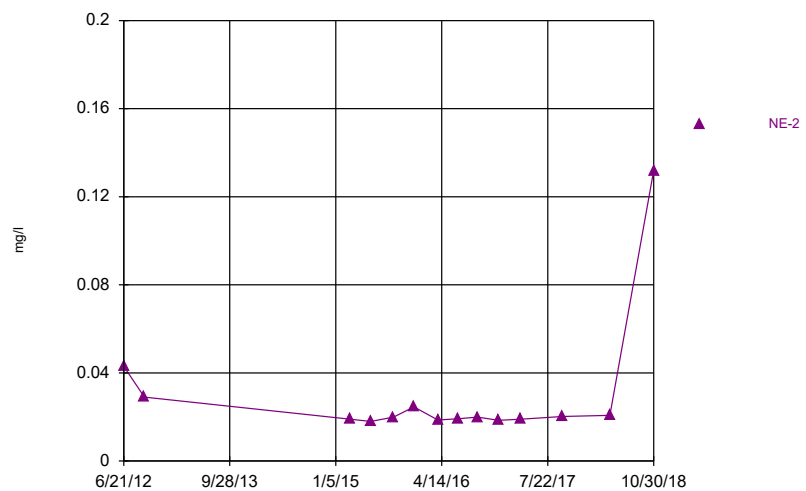
Constituent: Barium Analysis Run 3/27/2019 11:58 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



Constituent: Barium Analysis Run 3/27/2019 11:59 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

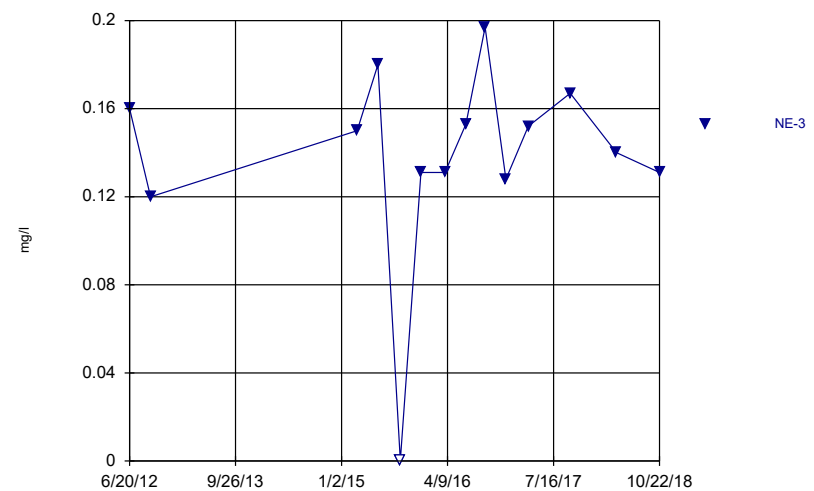
Time Series



Constituent: Barium Analysis Run 3/27/2019 11:59 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

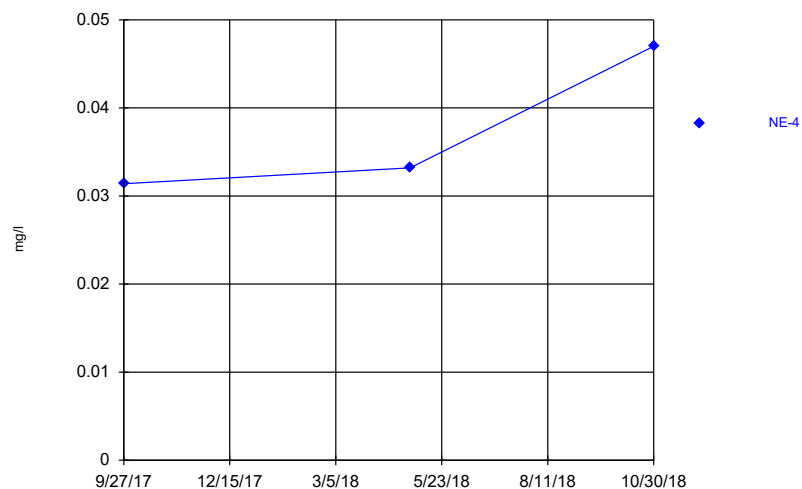
Hollow symbols indicate censored values.

Time Series



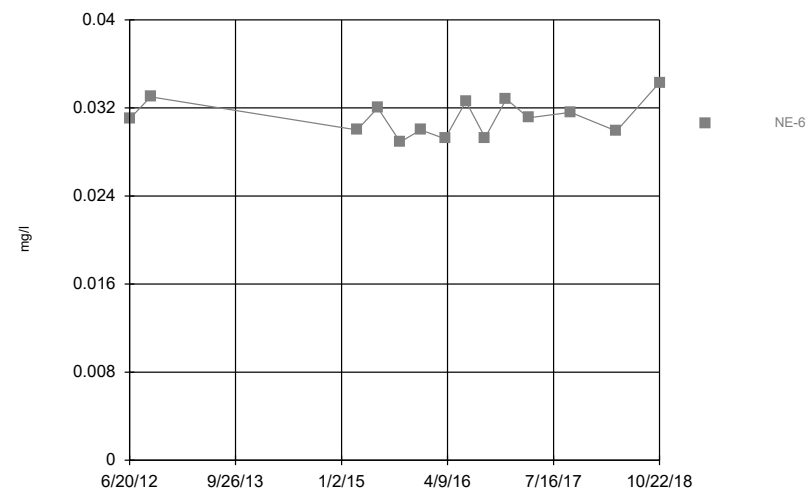
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



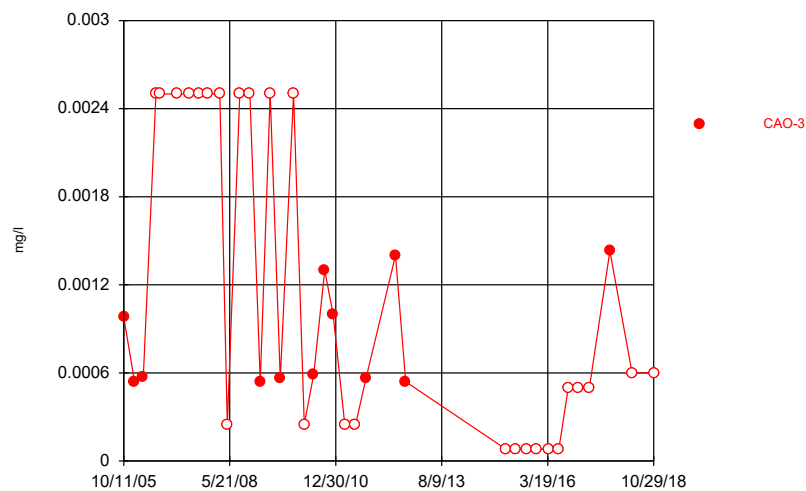
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



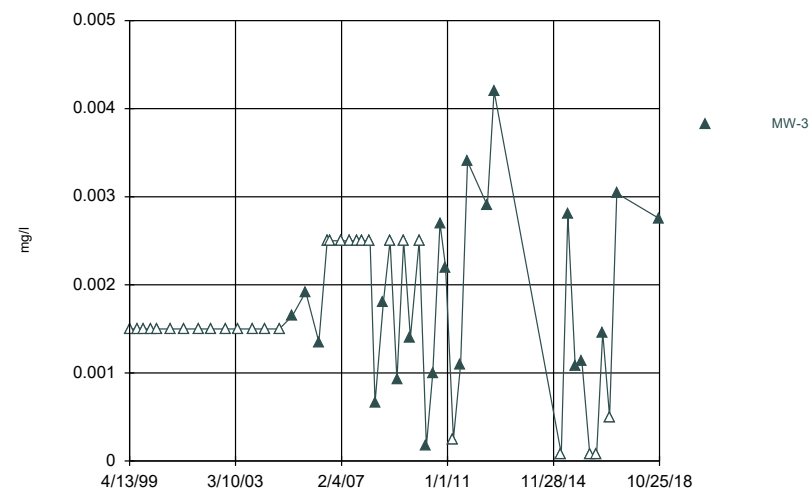
Constituent: Barium Analysis Run 3/27/2019 11:59 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



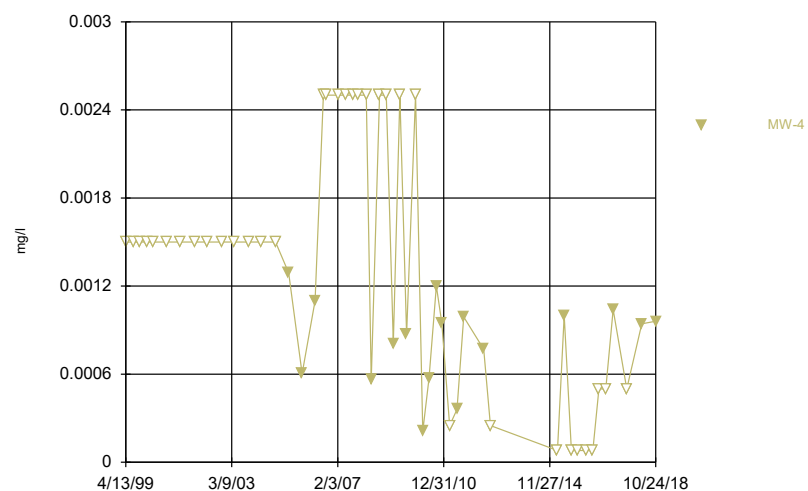
Constituent: Cadmium Analysis Run 3/27/2019 11:59 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

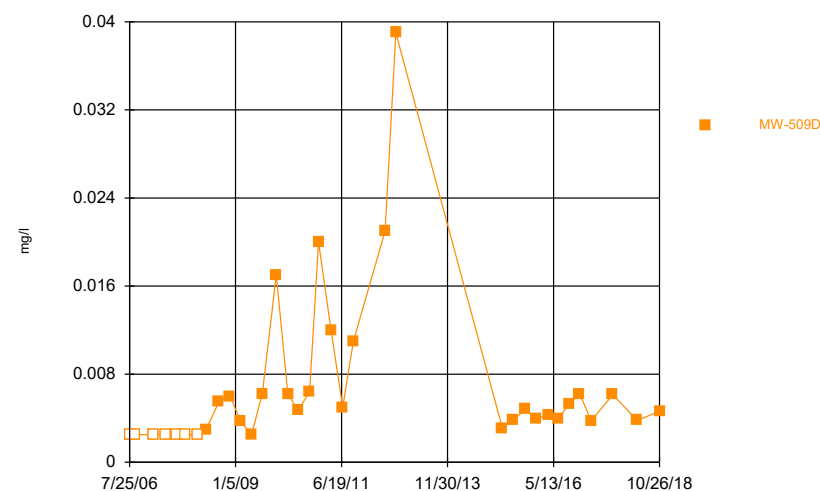


Constituent: Cadmium Analysis Run 3/27/2019 11:59 AM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

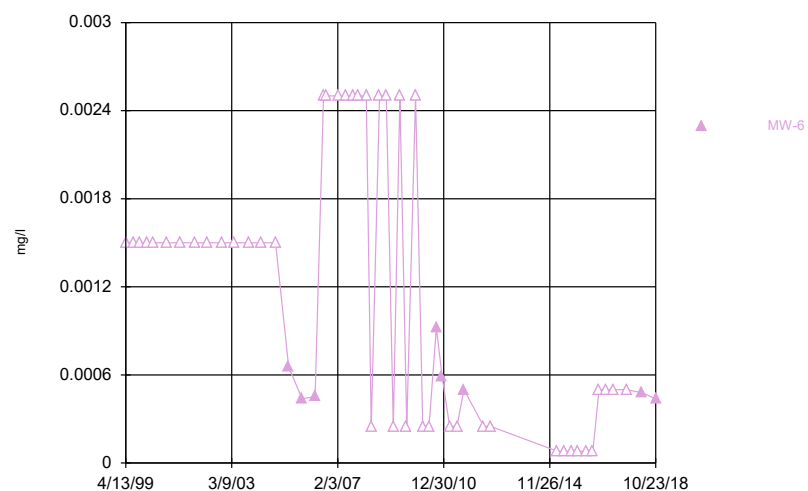
Time Series



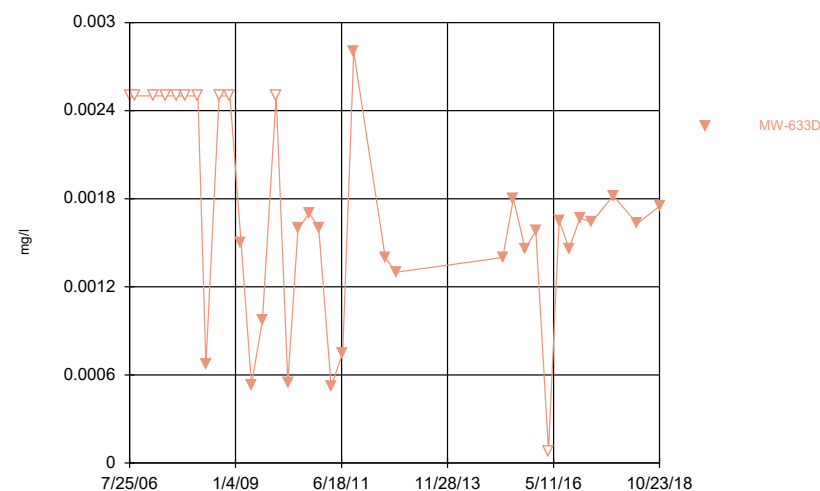
Time Series



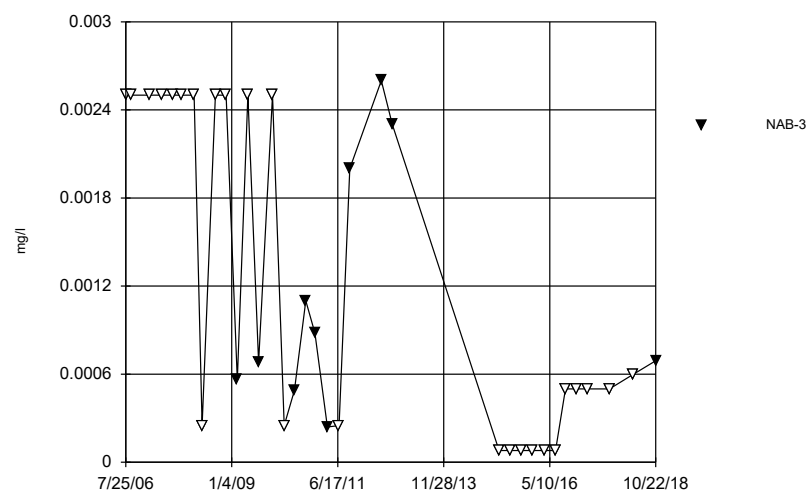
Time Series



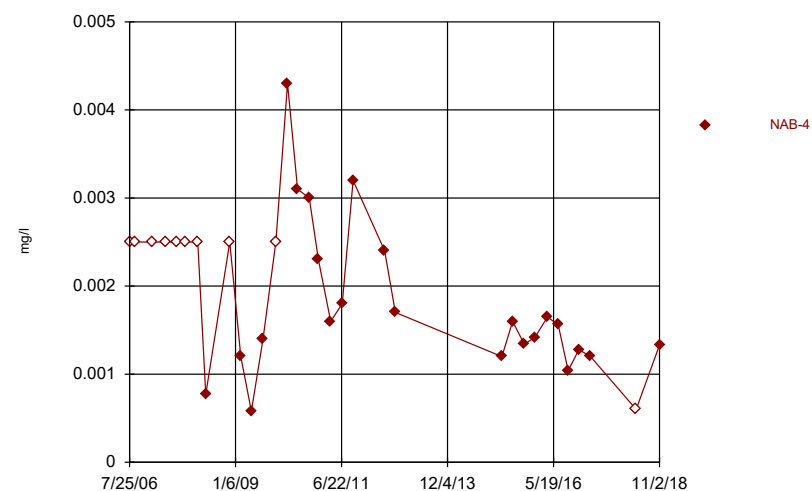
Time Series



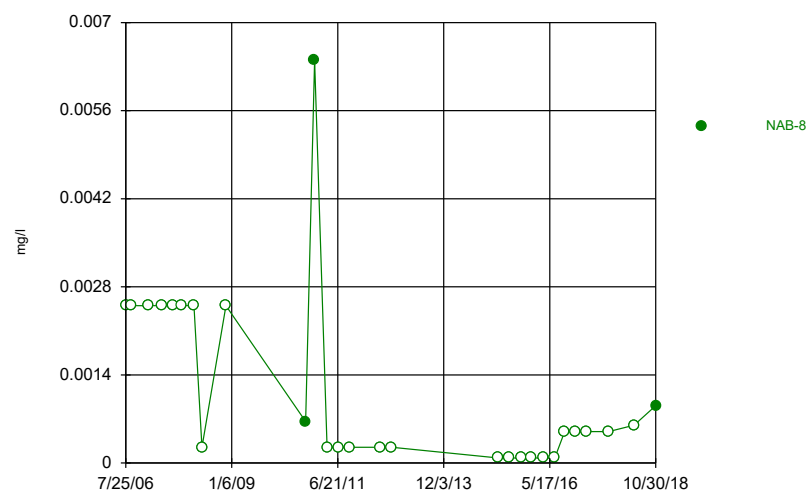
Time Series



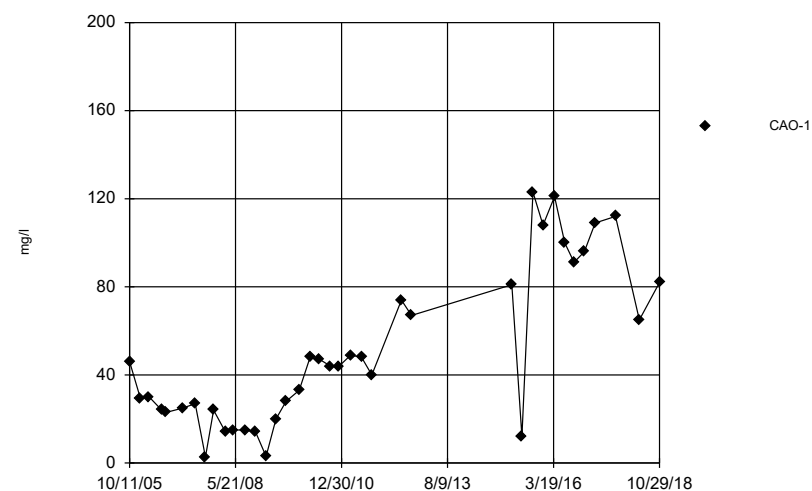
Time Series



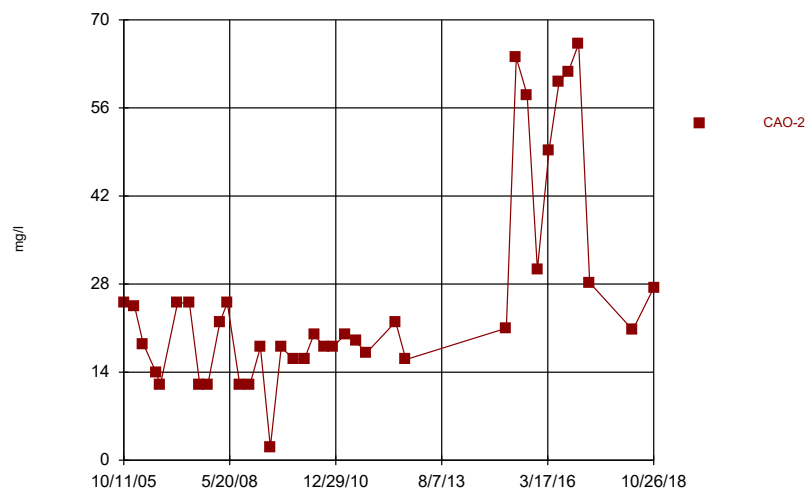
Time Series



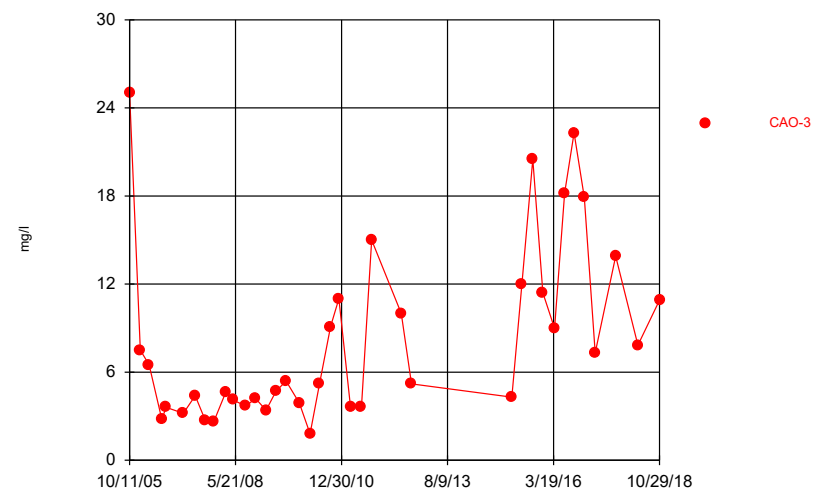
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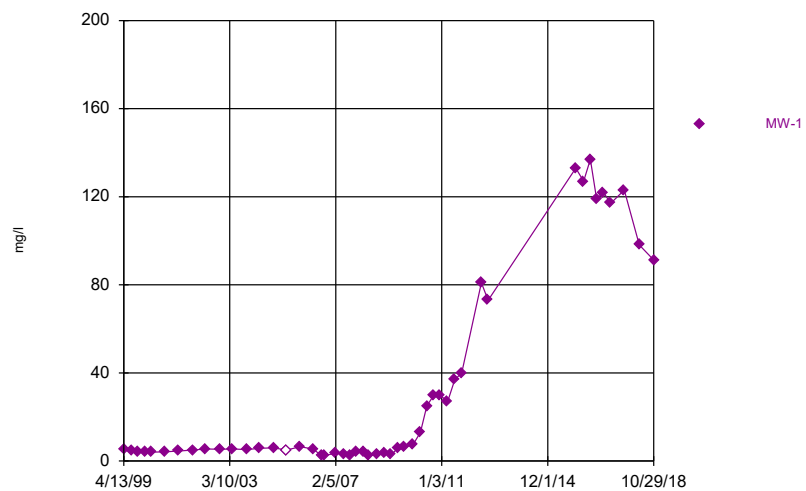
Time Series



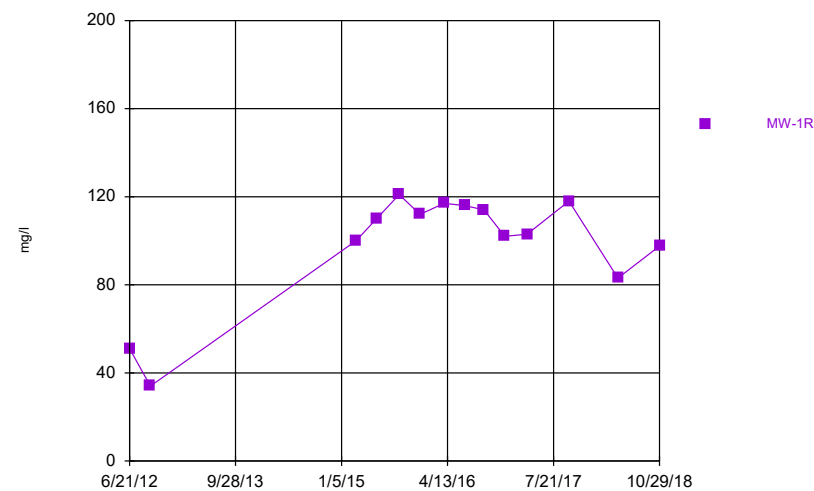
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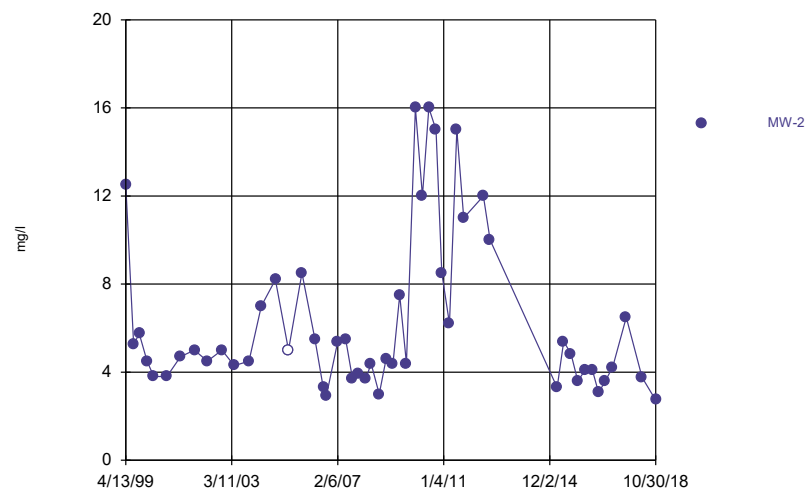
Time Series



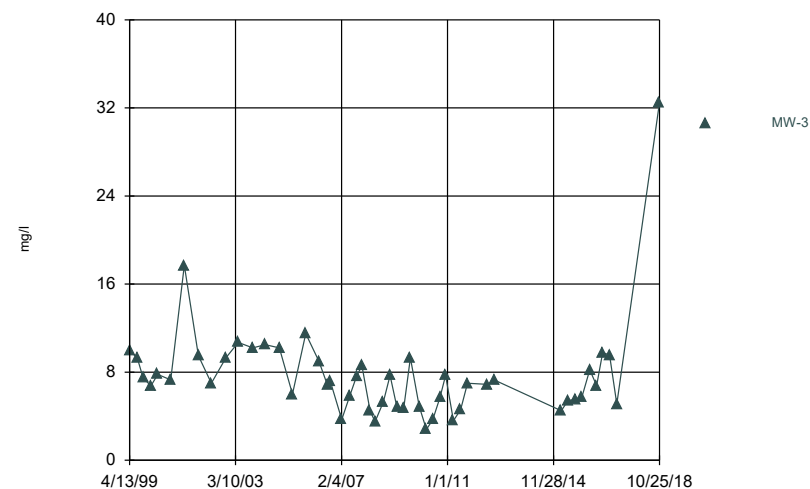
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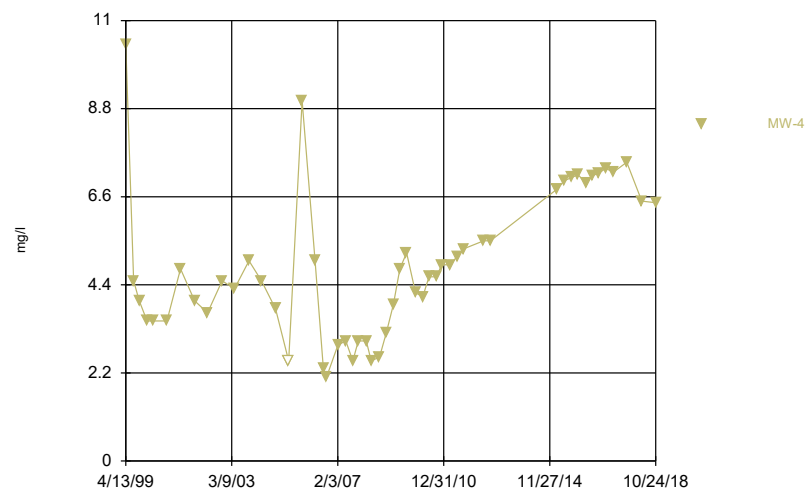
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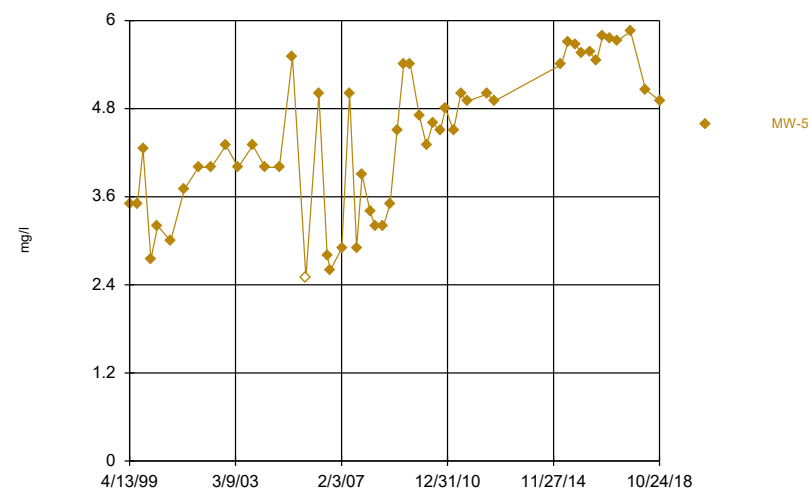
Time Series



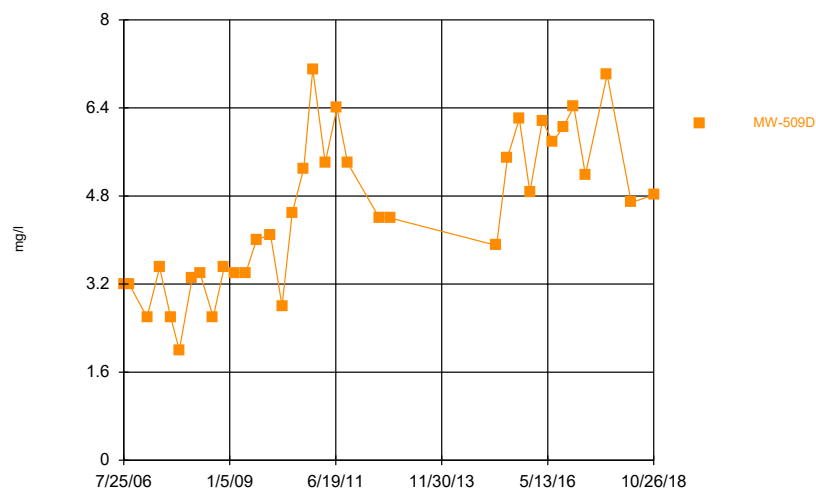
Time Series



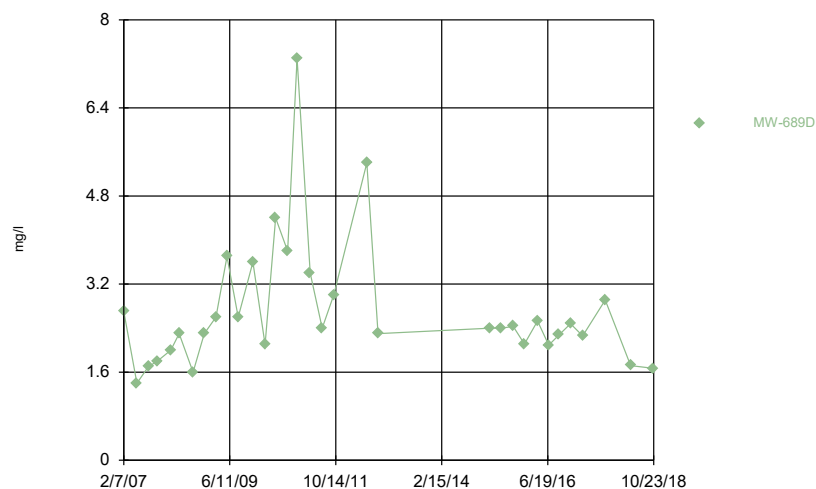
Time Series



Time Series

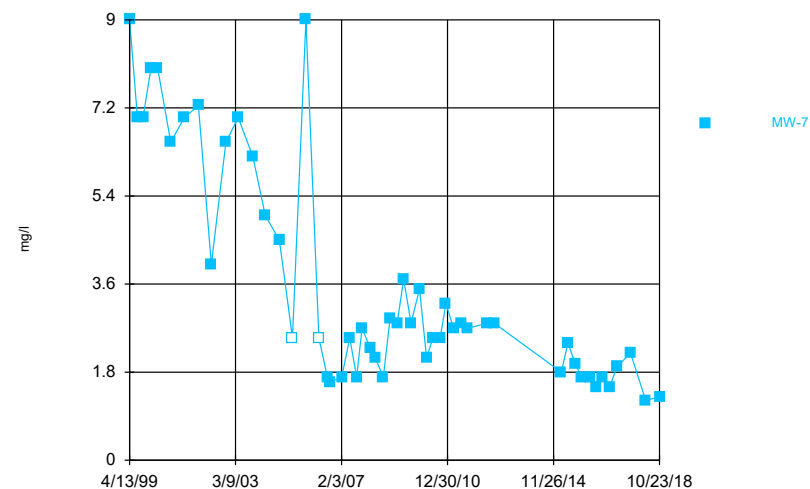


Time Series



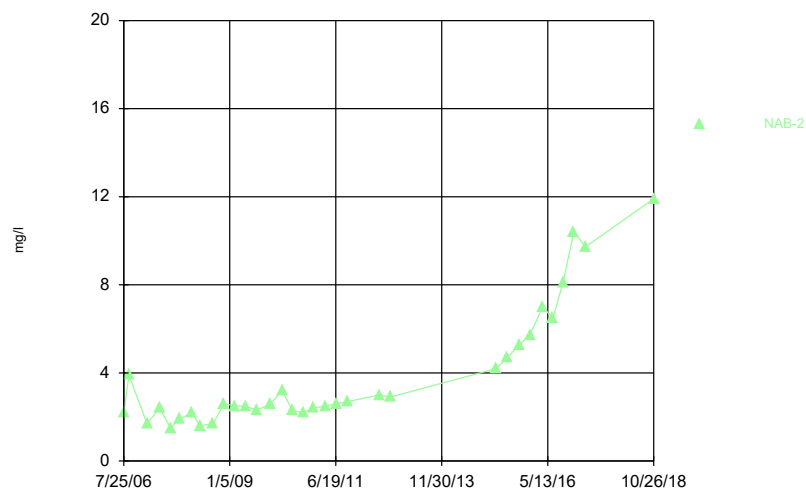
Constituent: Chloride Analysis Run 3/27/2019 12:00 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



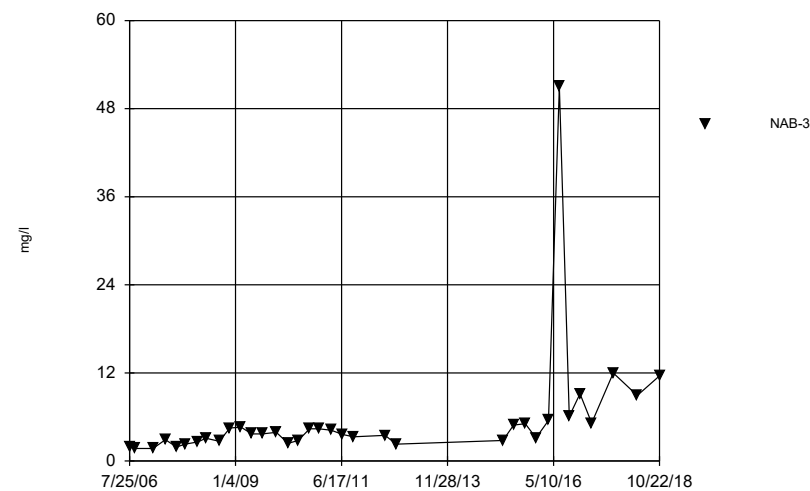
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



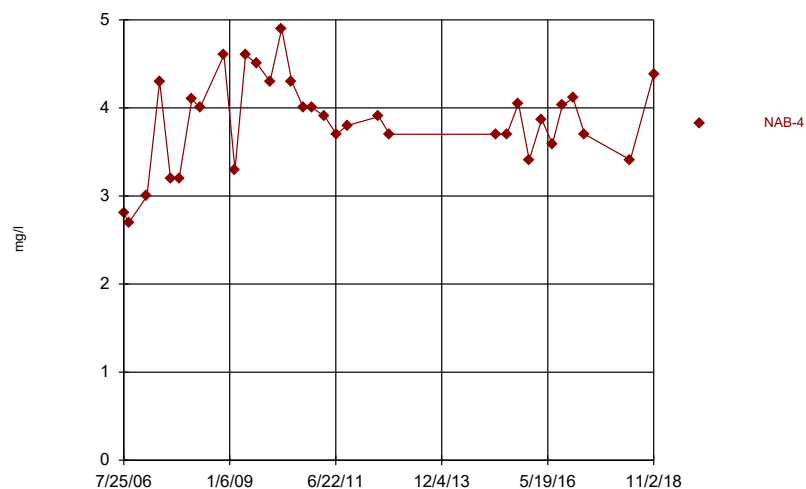
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

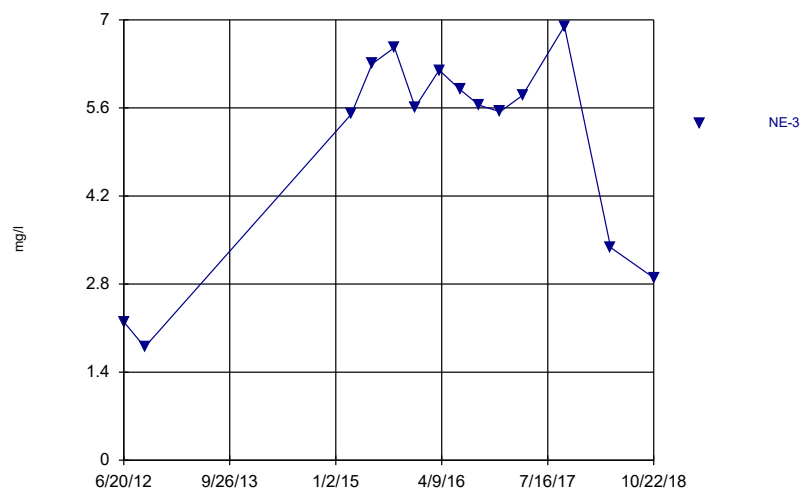


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

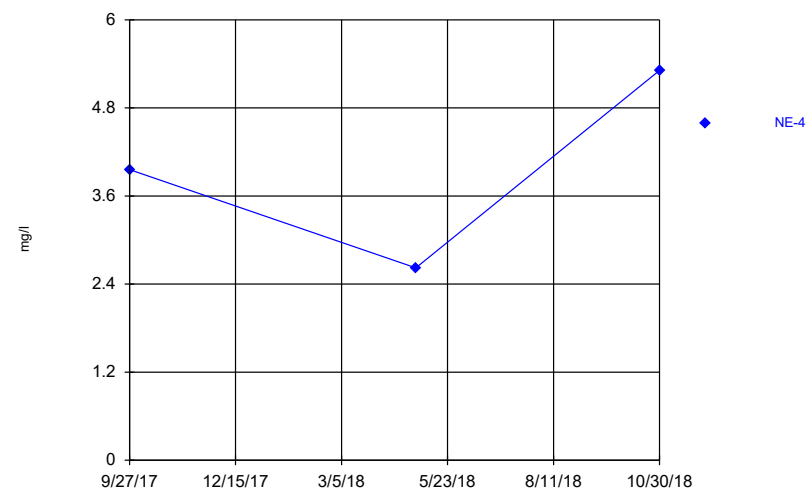


Time Series



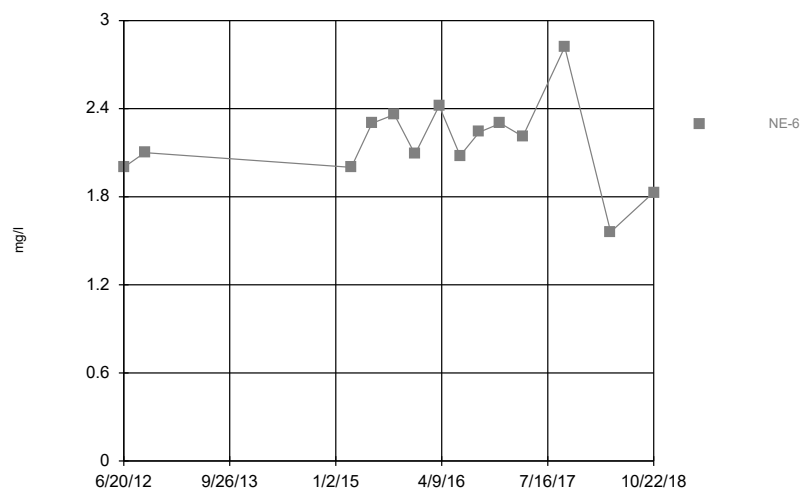
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



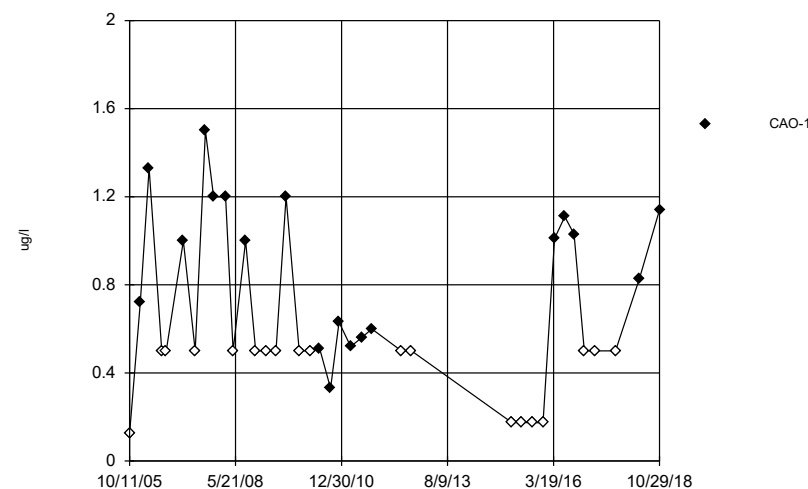
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Time Series

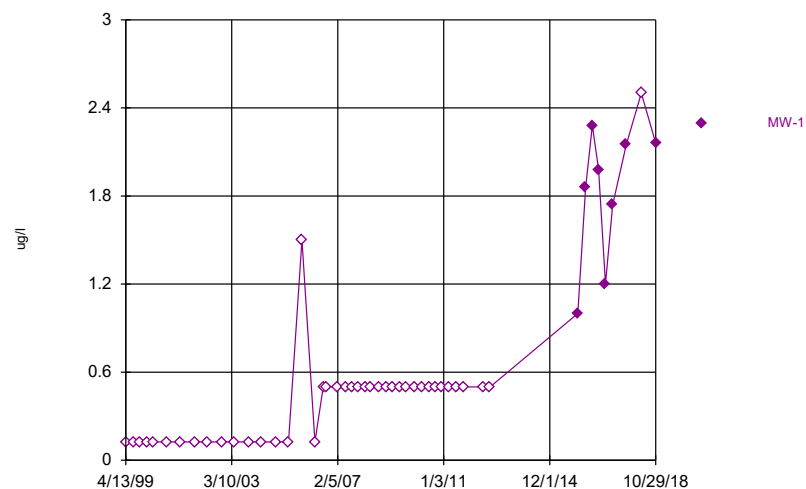


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

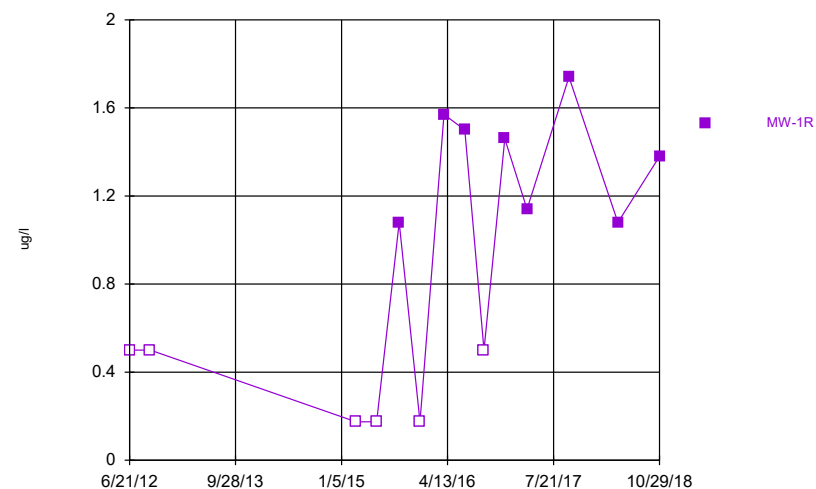
Time Series



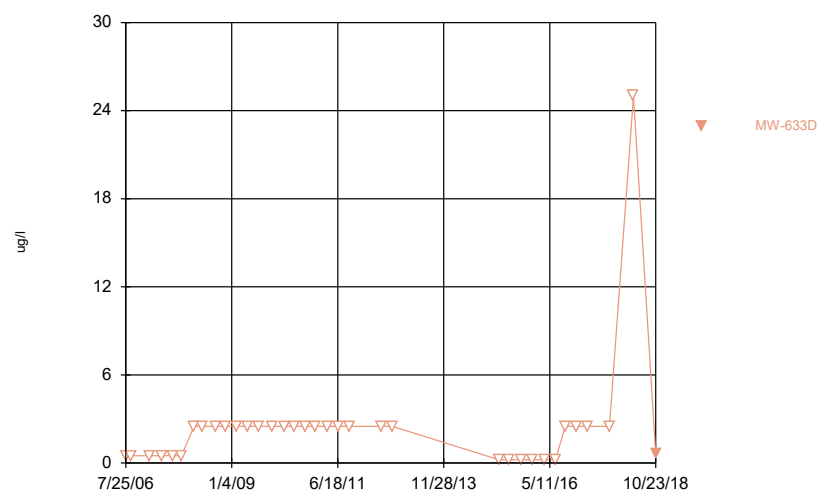
Time Series



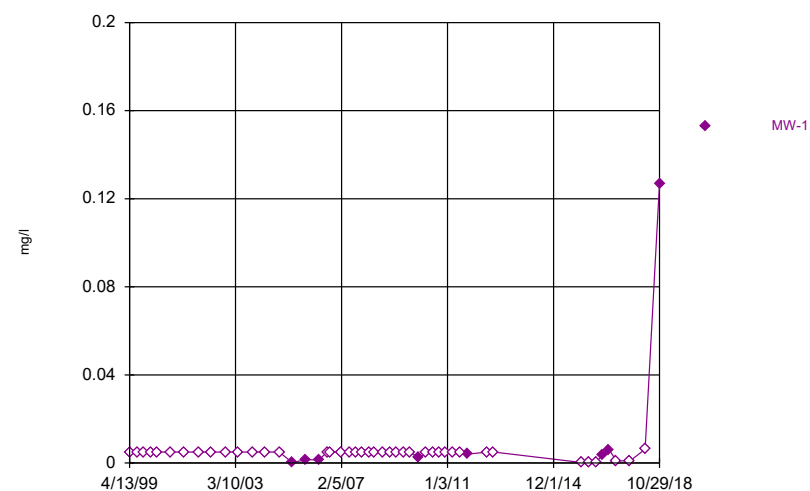
Time Series



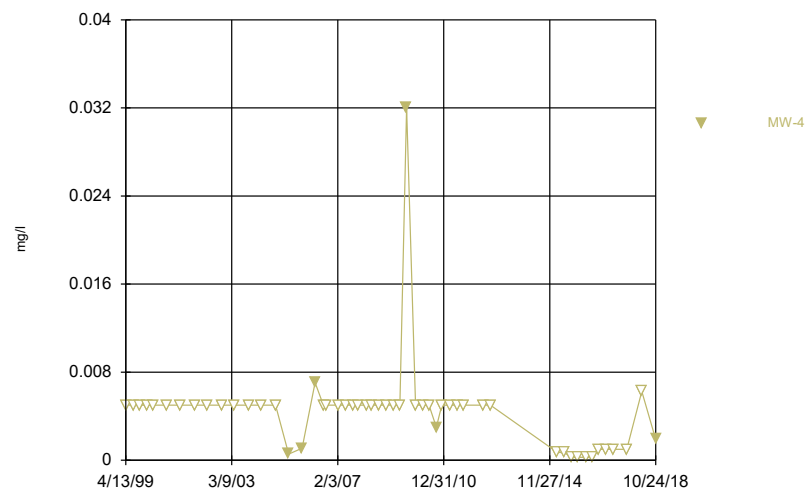
Time Series



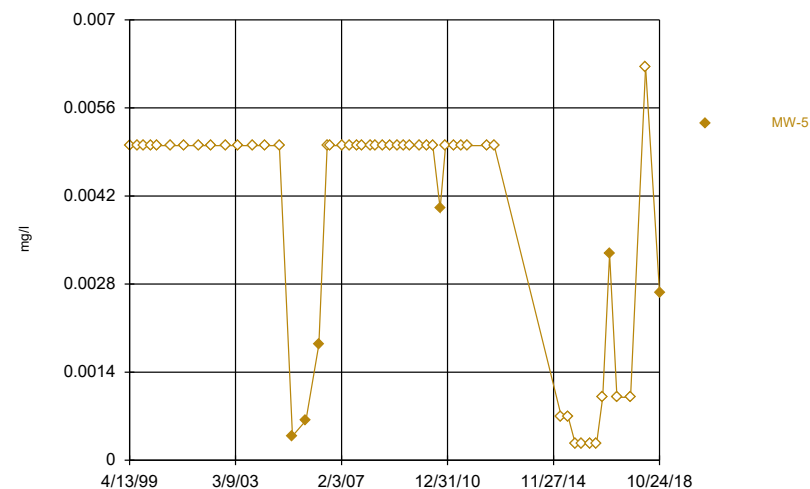
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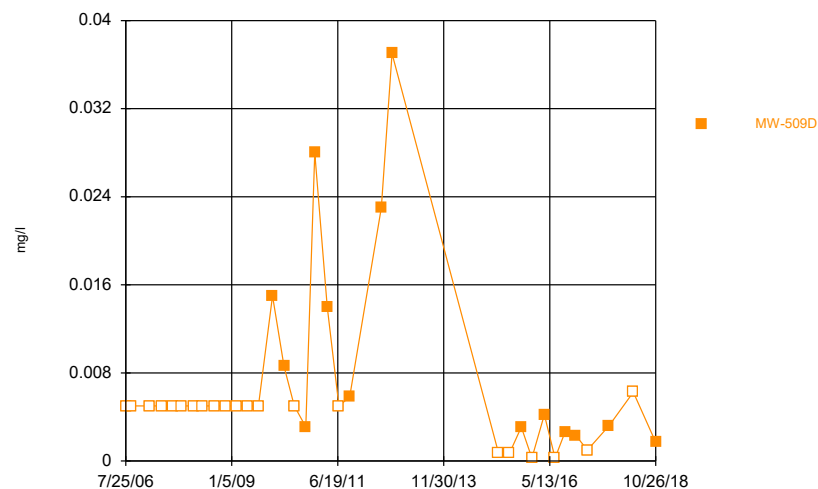
Time Series



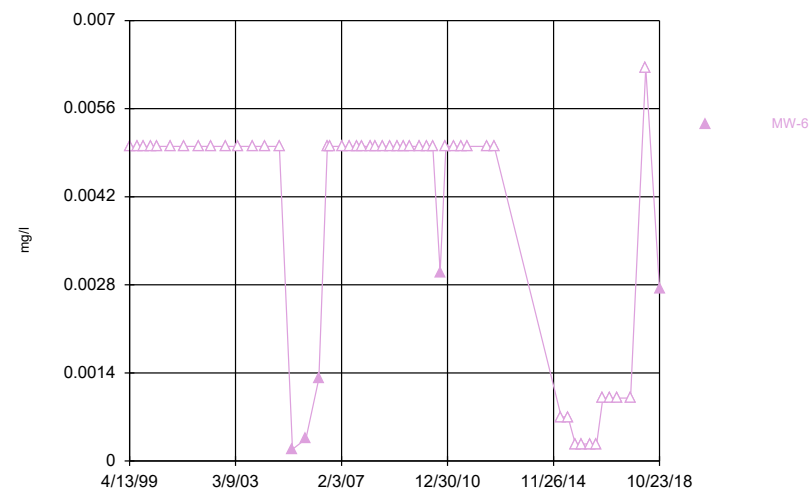
Time Series



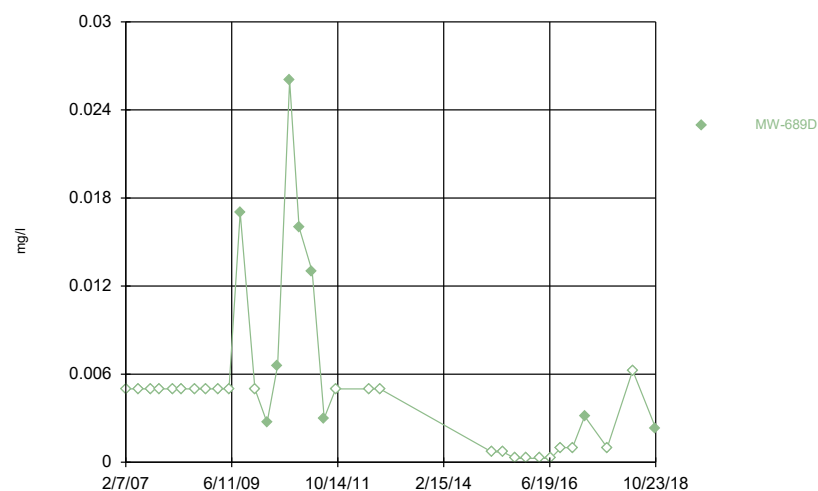
Time Series



Time Series

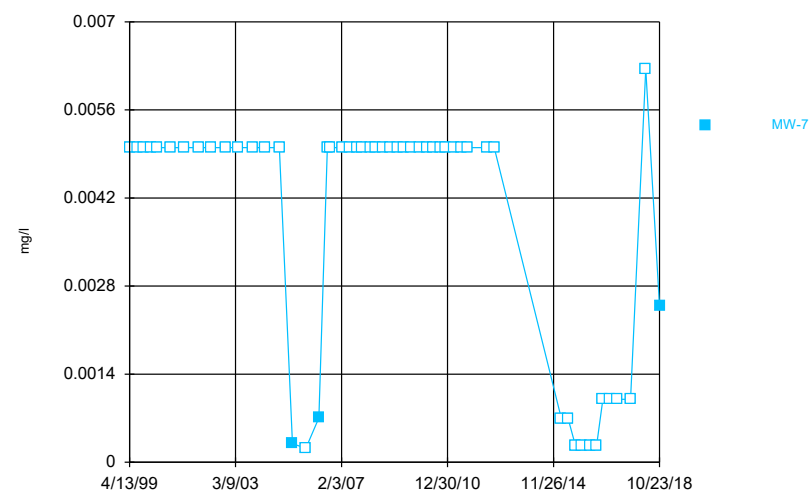


Time Series



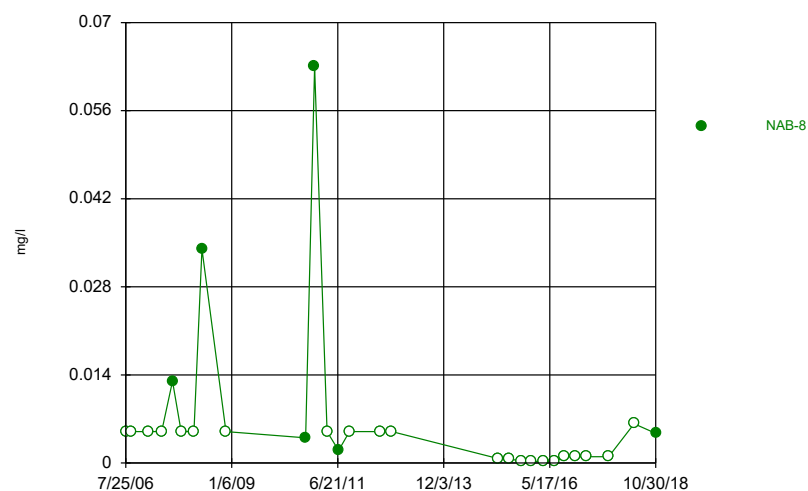
Constituent: Chromium Analysis Run 3/27/2019 12:01 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



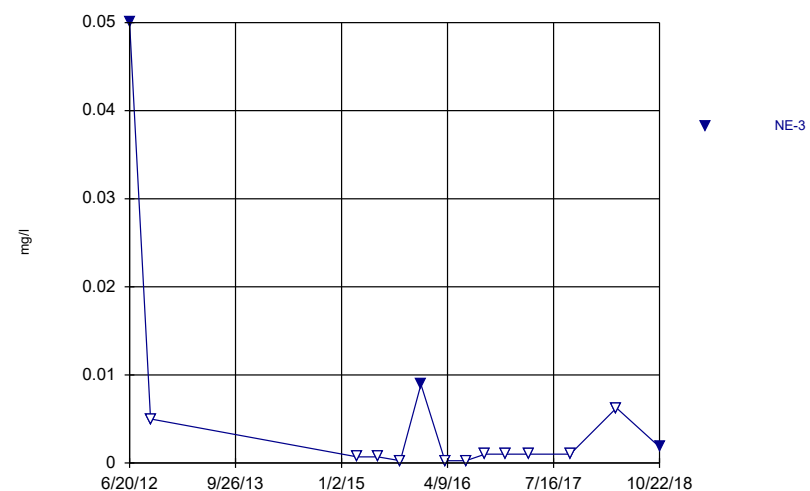
Constituent: Chromium Analysis Run 3/27/2019 12:01 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



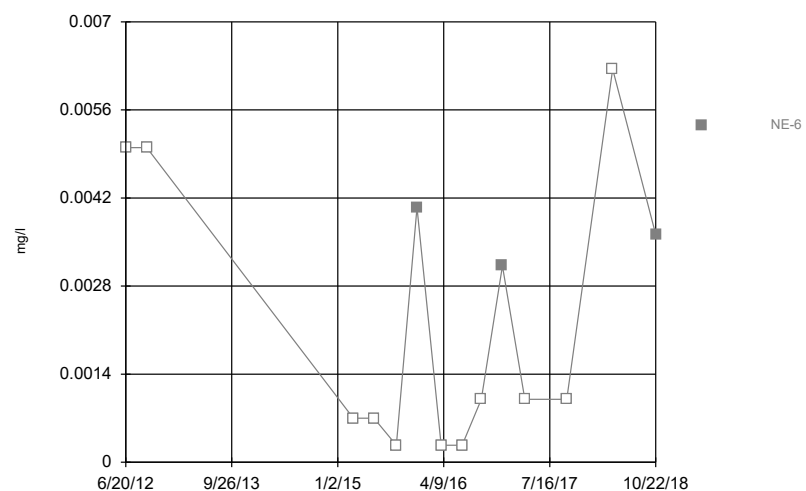
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



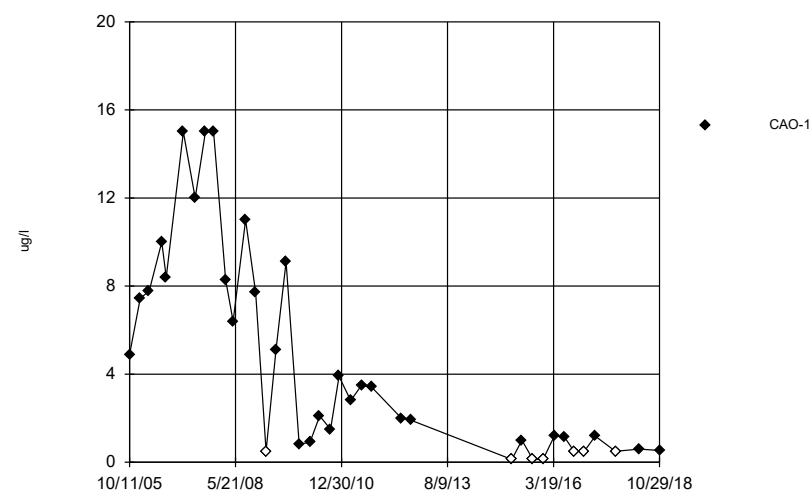
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



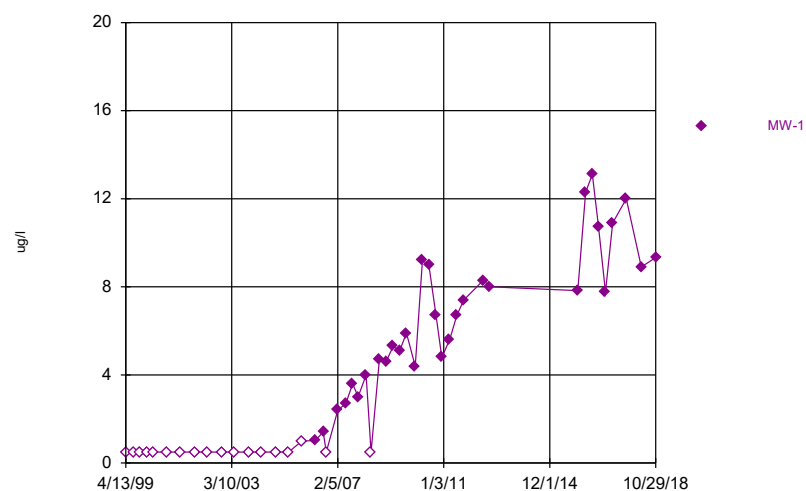
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



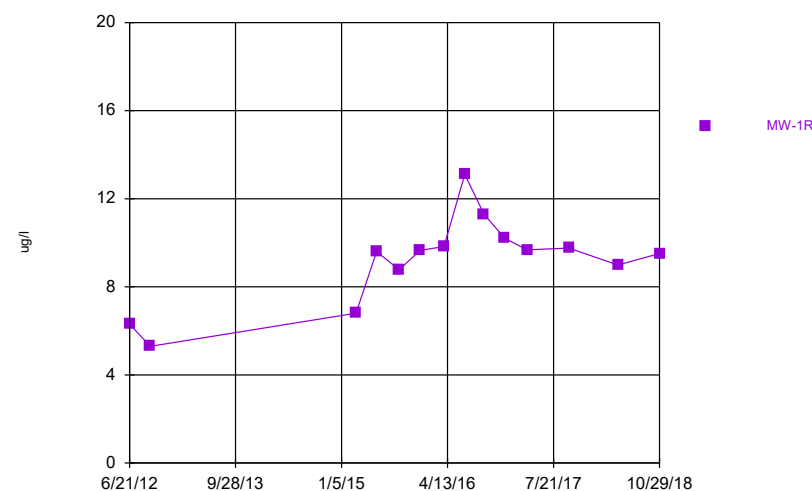
Constituent: cis-1,2-Dichloroethene Analysis Run 3/27/2019 12:01 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



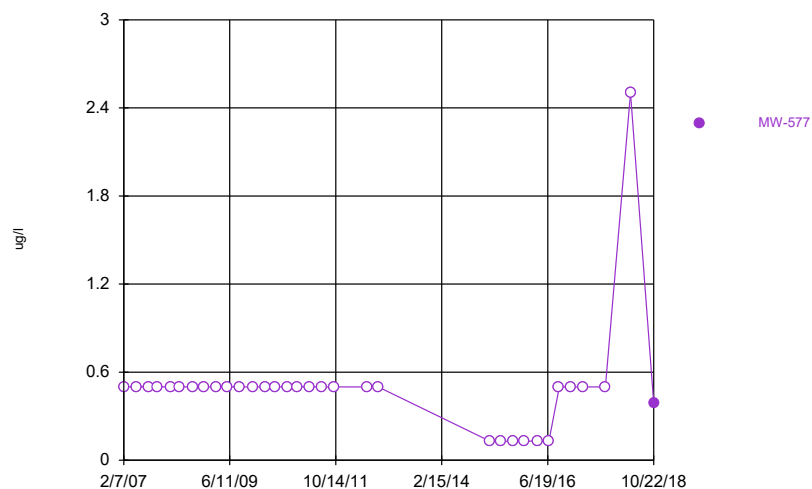
Constituent: cis-1,2-Dichloroethene Analysis Run 3/27/2019 12:01 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



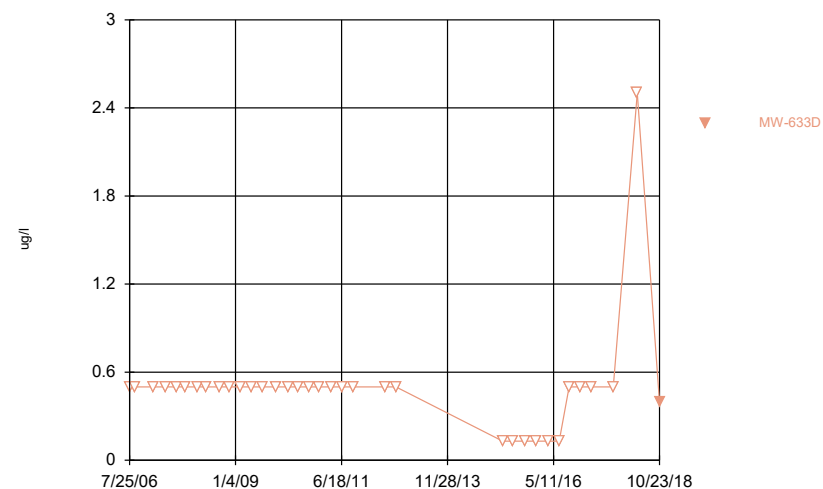
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



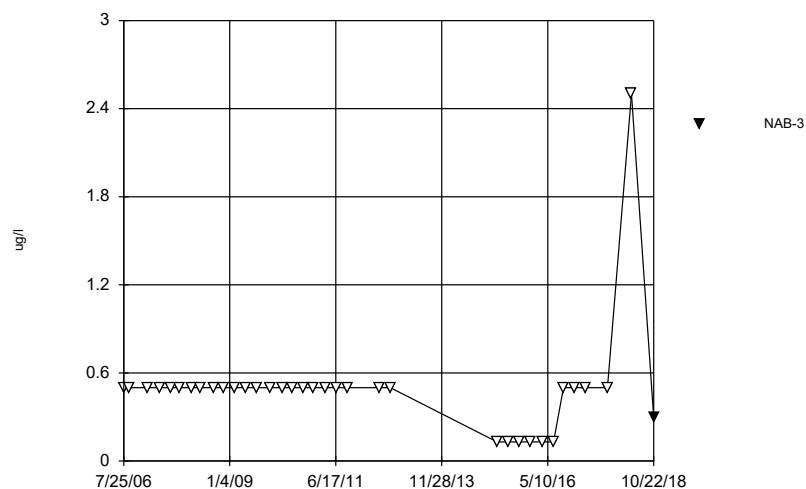
Constituent: cis-1,2-Dichloroethene Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



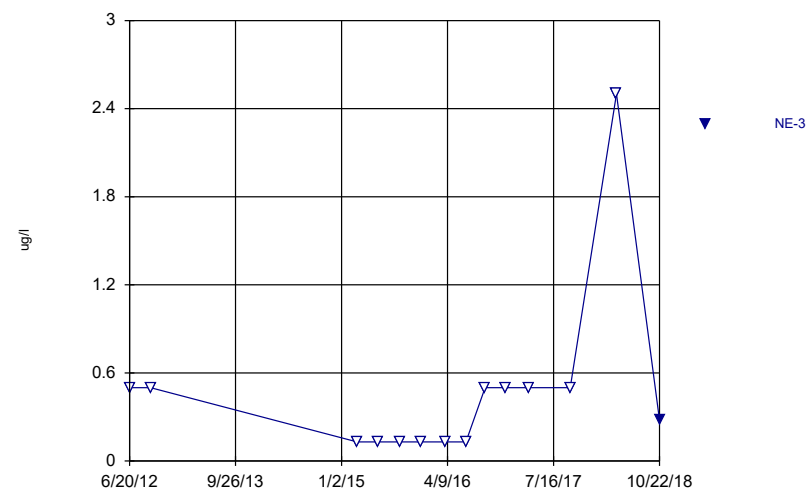
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



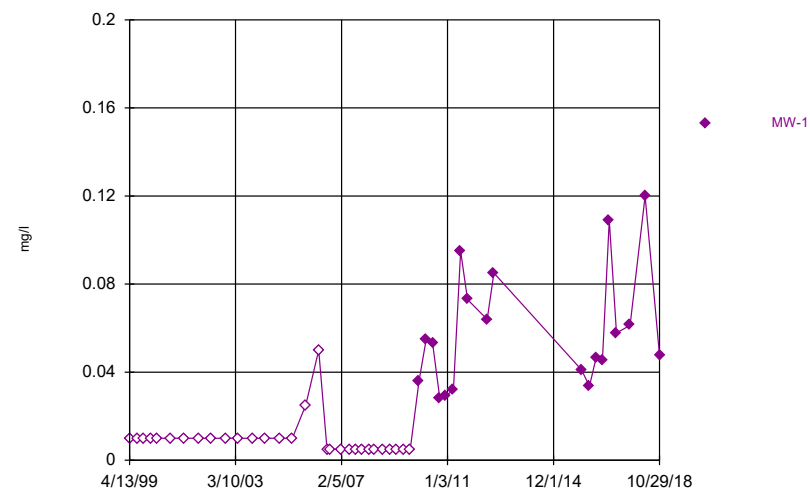
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



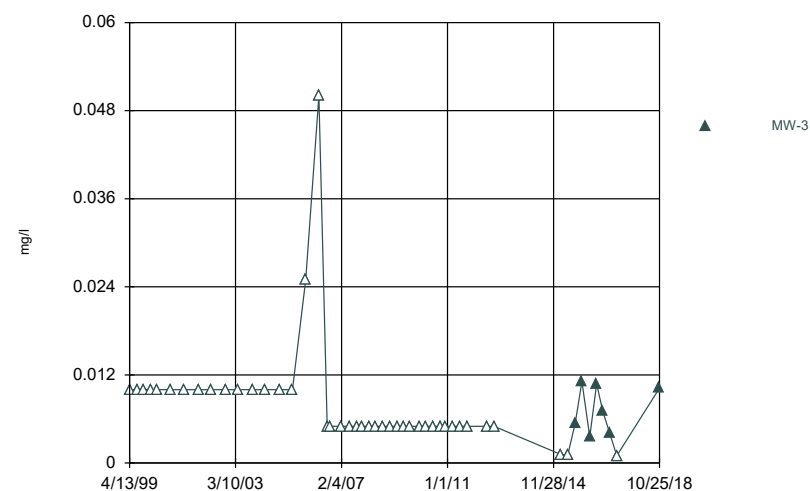
Constituent: cis-1,2-Dichloroethene Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



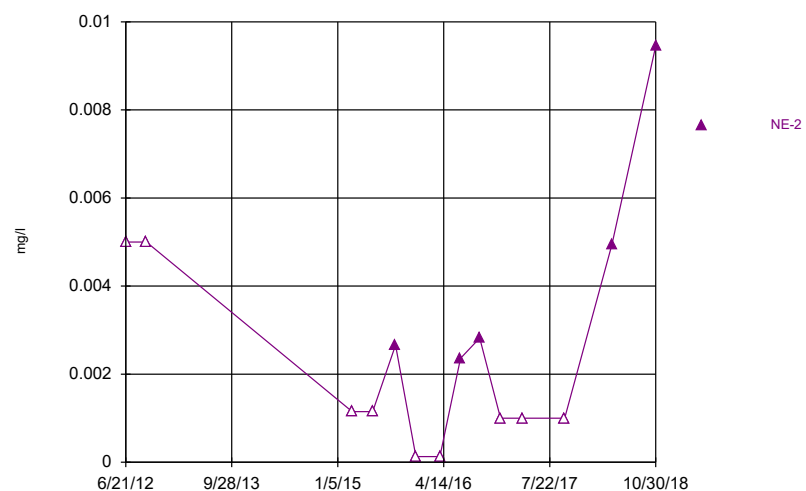
Constituent: Cobalt Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS DATABASE SanitasMatrix

Time Series



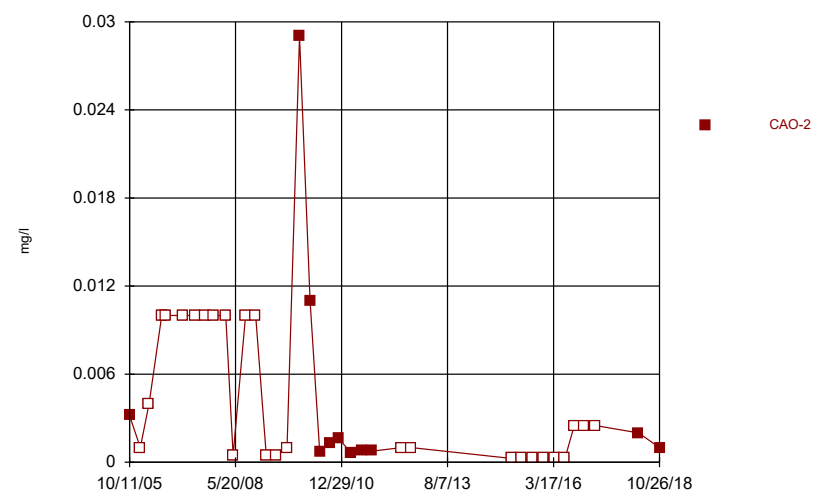
Constituent: Cobalt Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



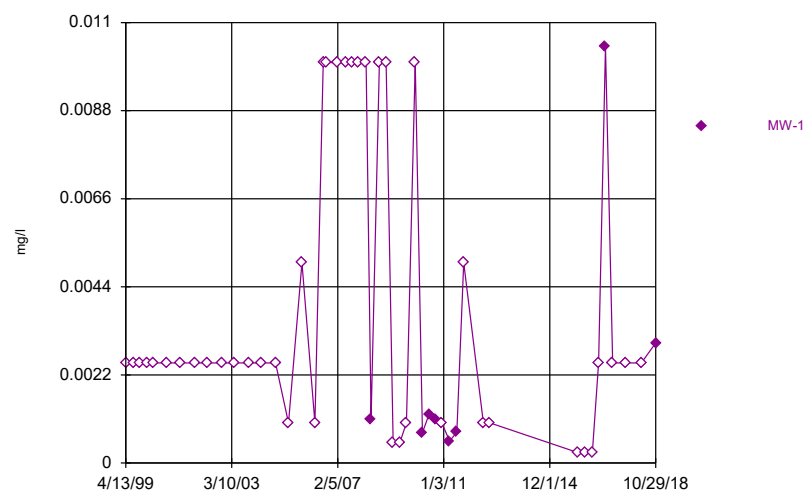
Constituent: Cobalt Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



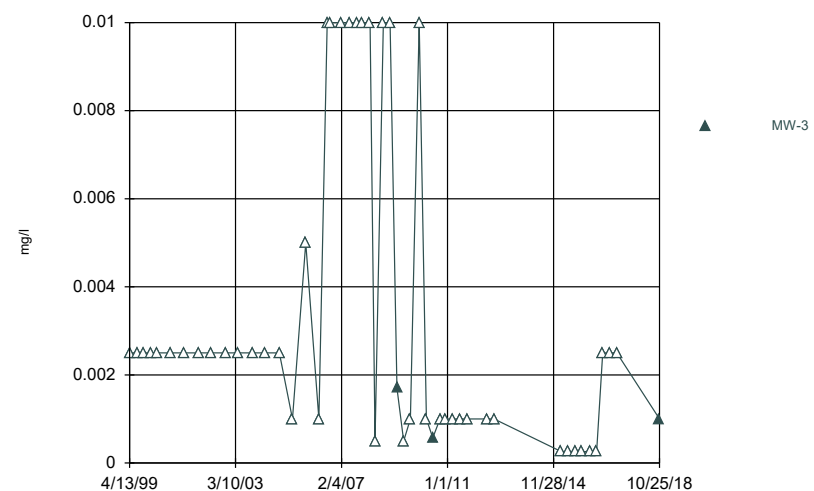
Constituent: Copper Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



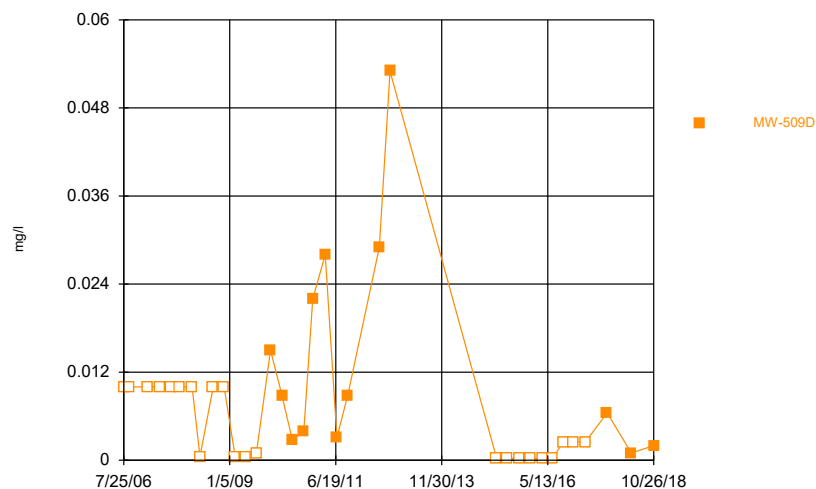
Constituent: Copper Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

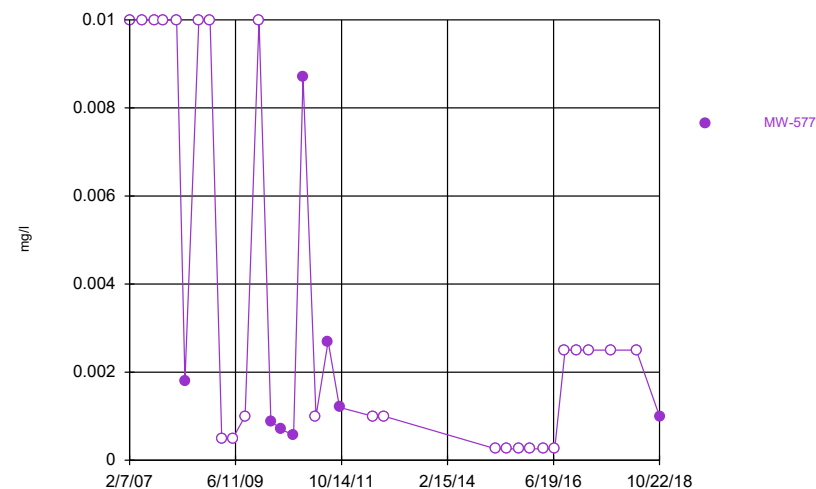


Constituent: Copper Analysis Run 3/27/2019 12:02 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

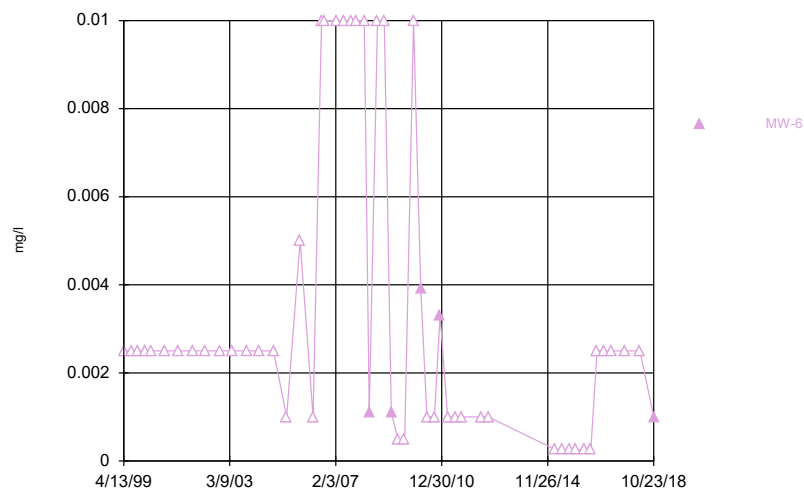
Time Series



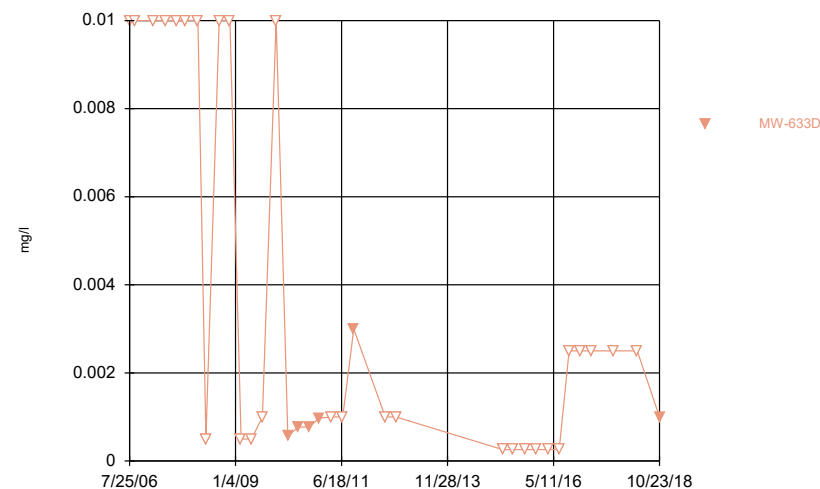
Time Series



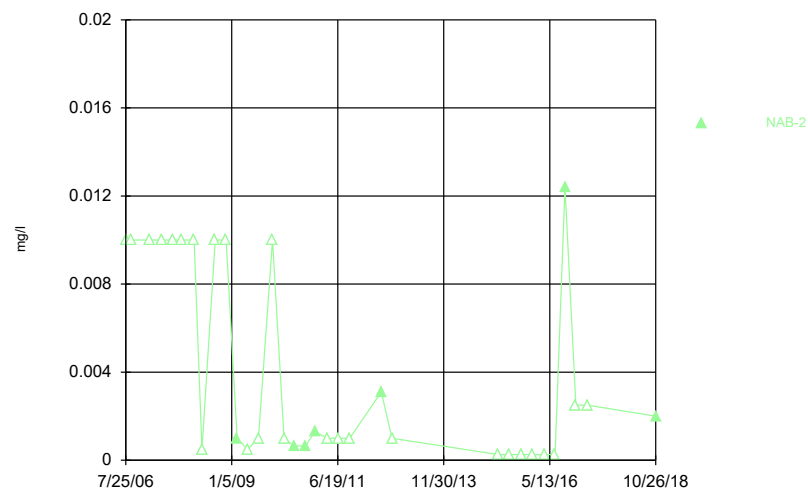
Time Series



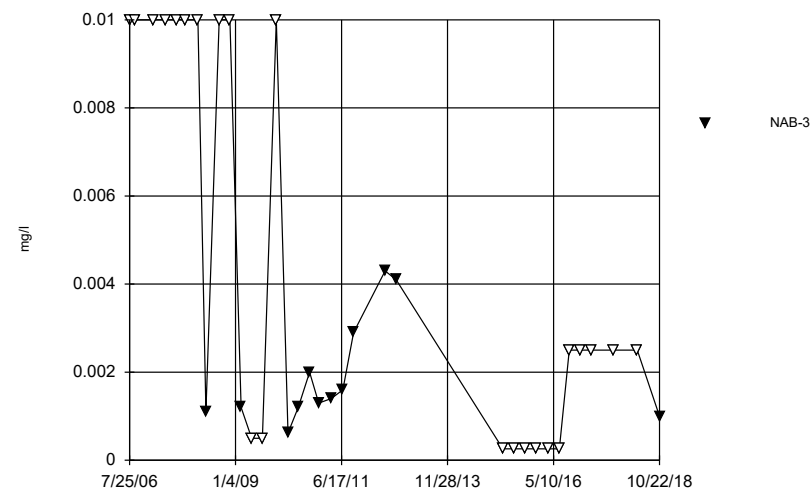
Time Series



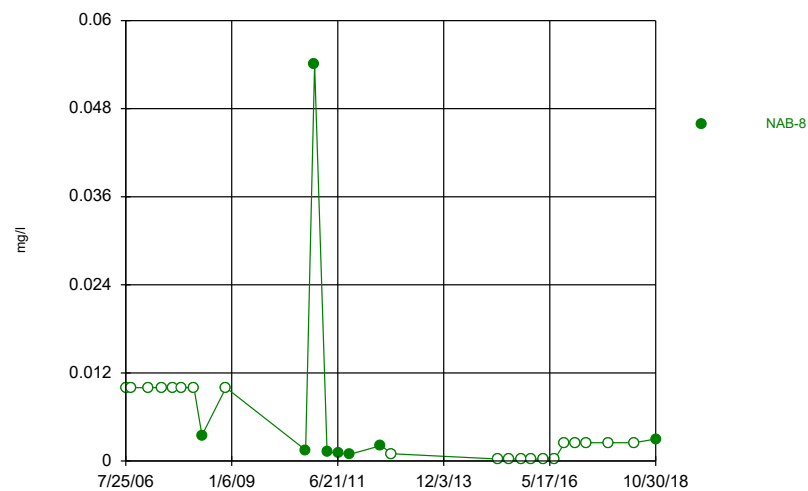
Time Series



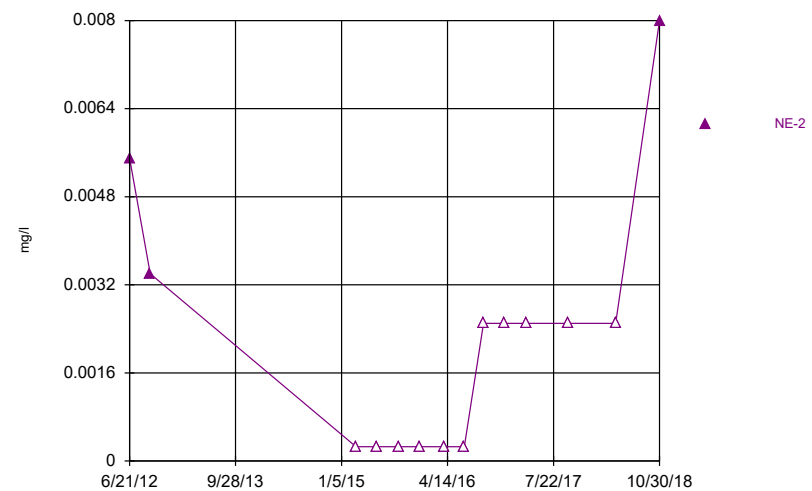
Time Series



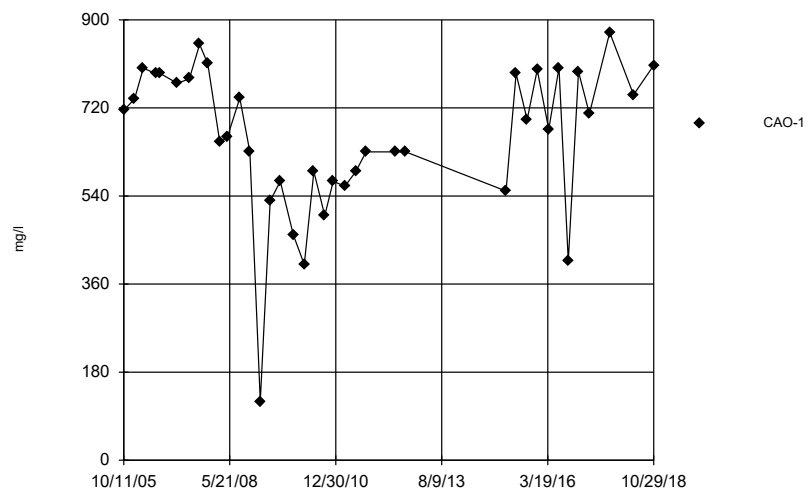
Time Series



Time Series

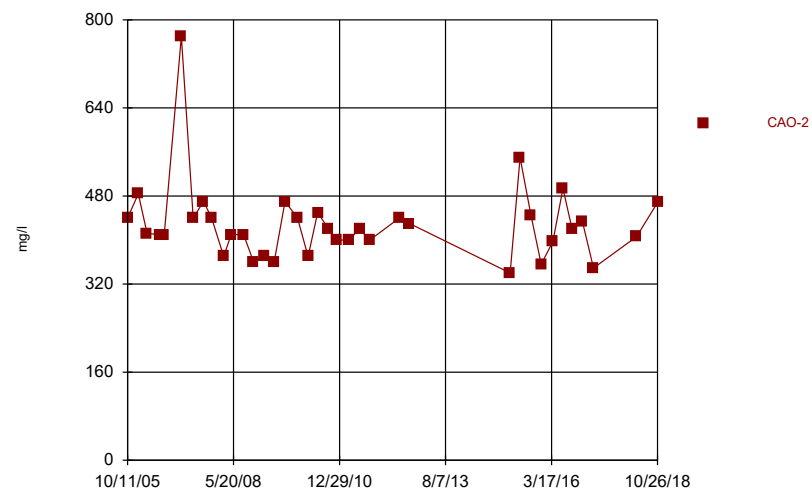


Time Series



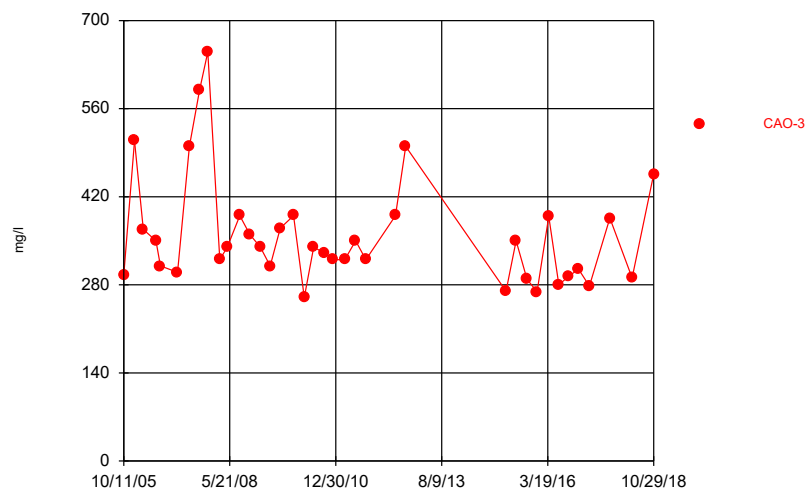
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



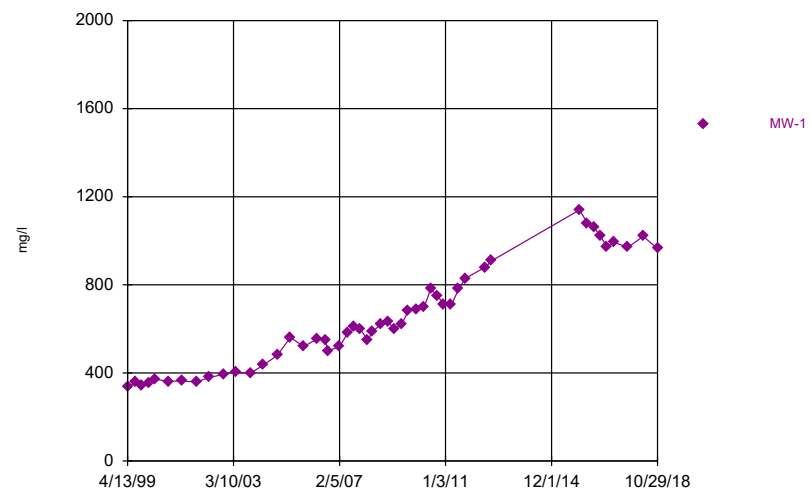
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

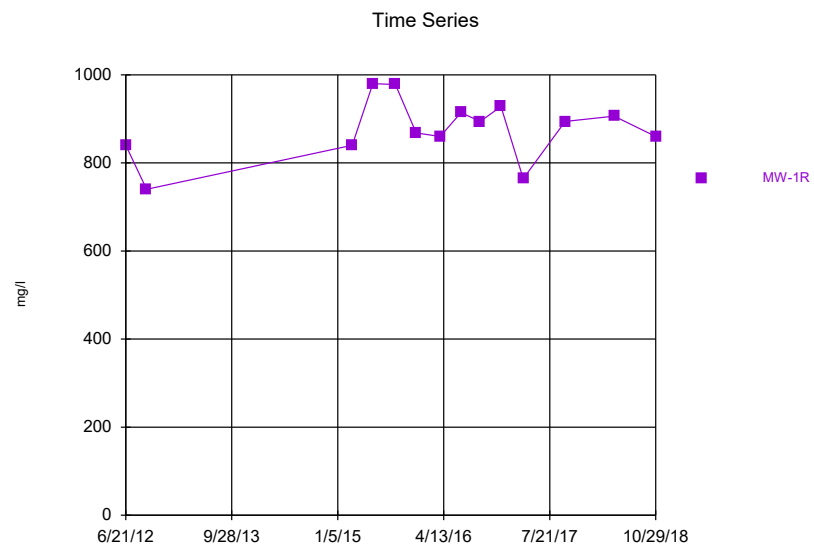


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

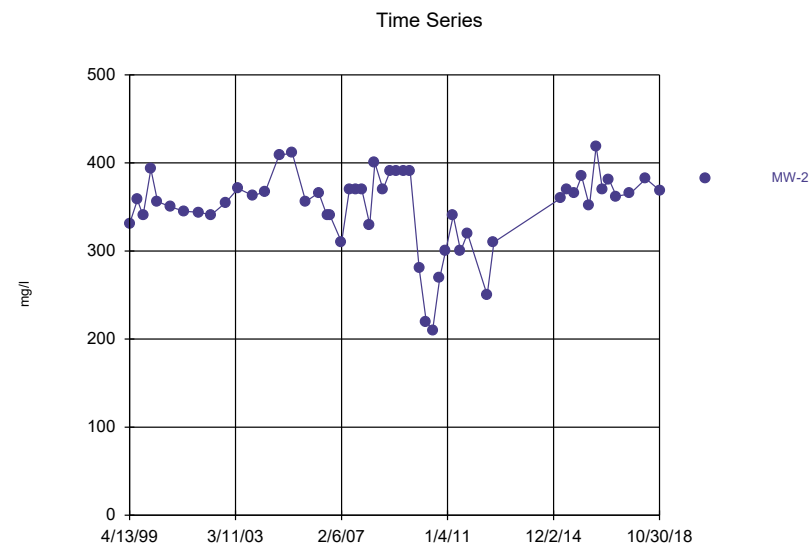
Time Series



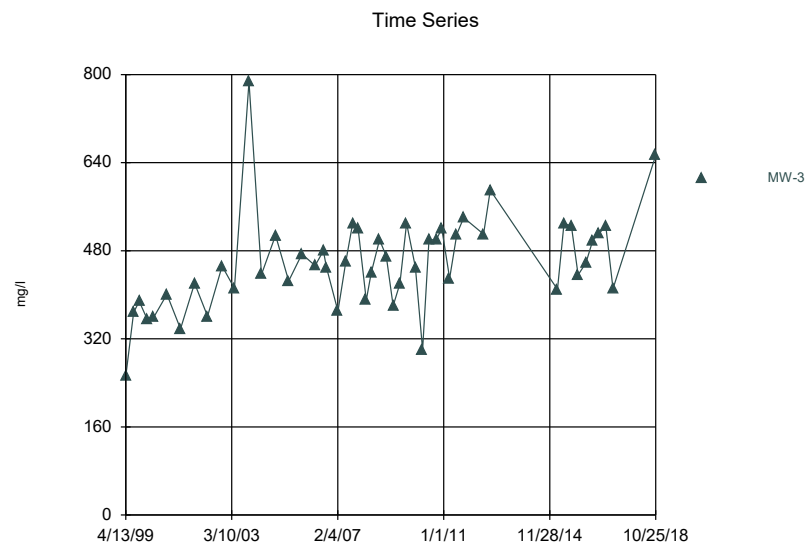
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



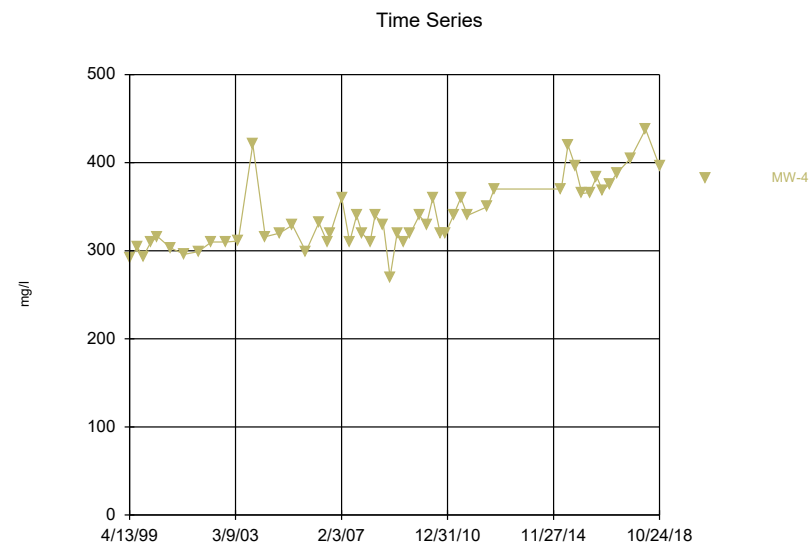
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



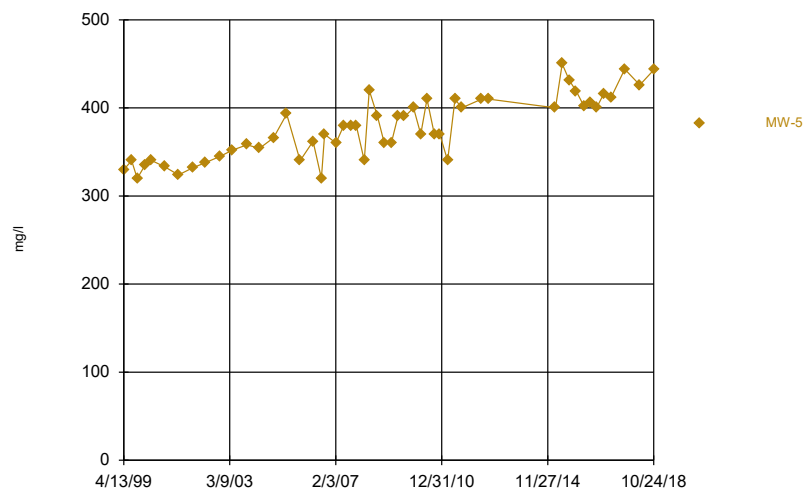
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Constituent: Dissolved Solids Analysis Run 3/27/2019 12:03 PM View: Data through October 2018
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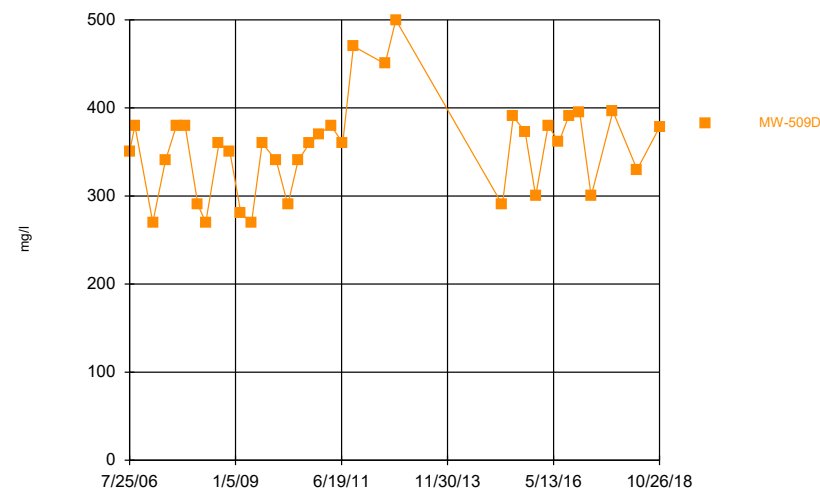


Time Series



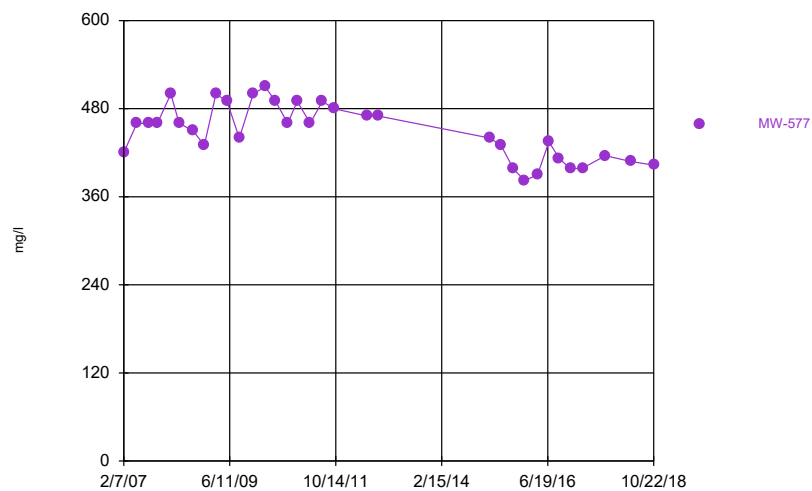
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Time Series



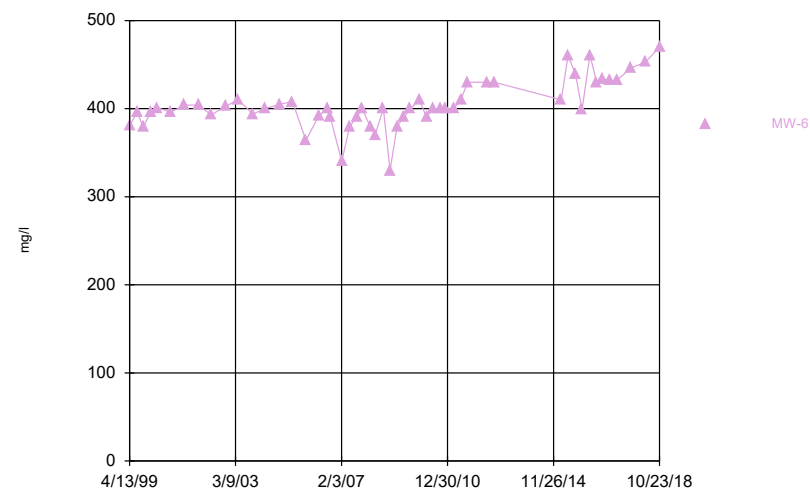
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Time Series



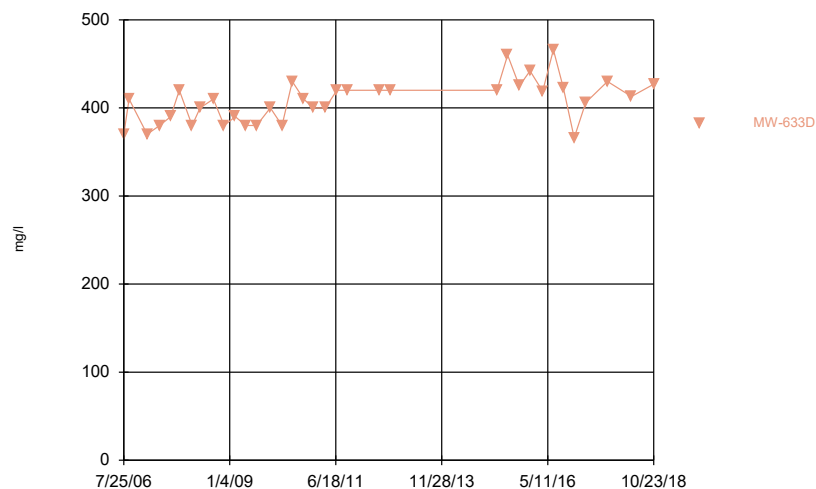
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Time Series



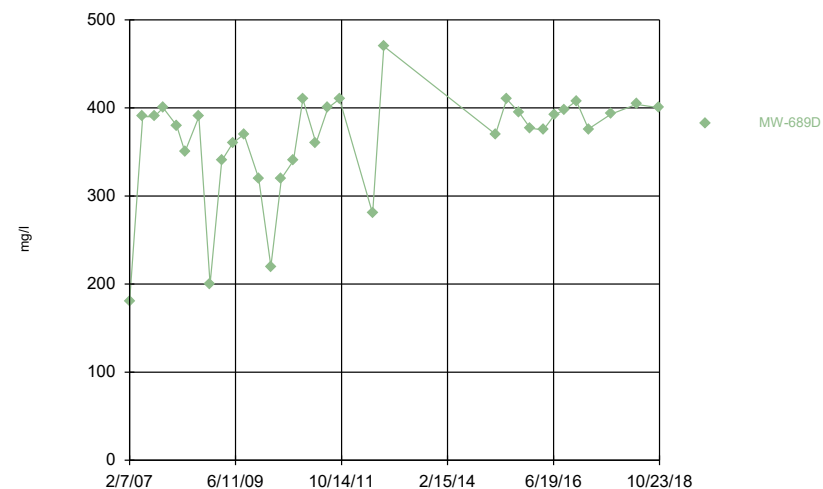
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



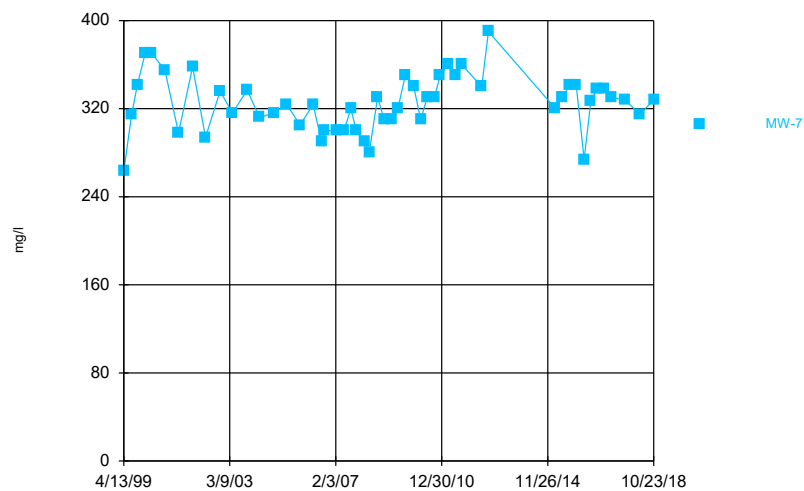
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



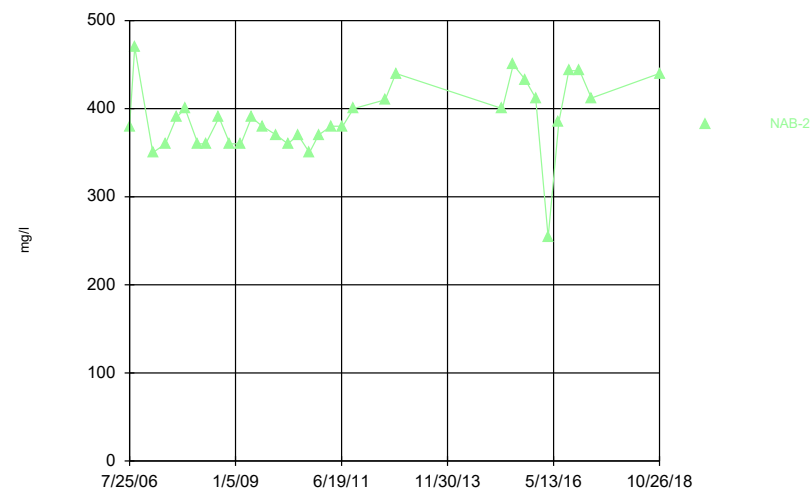
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Time Series



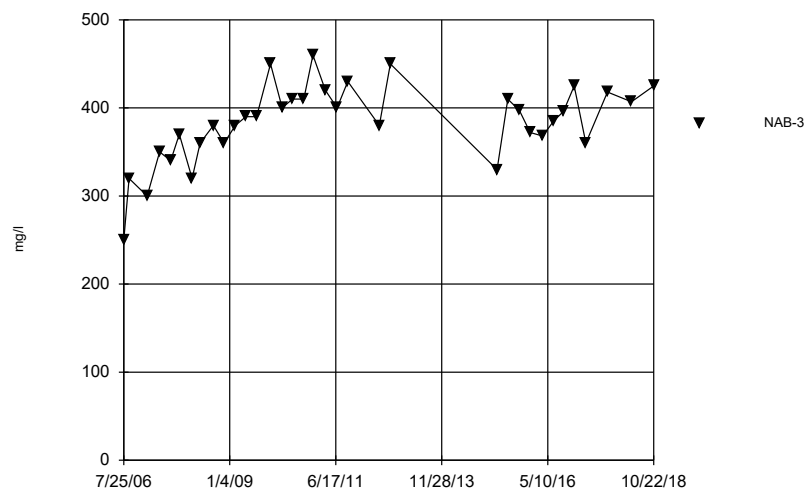
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Time Series



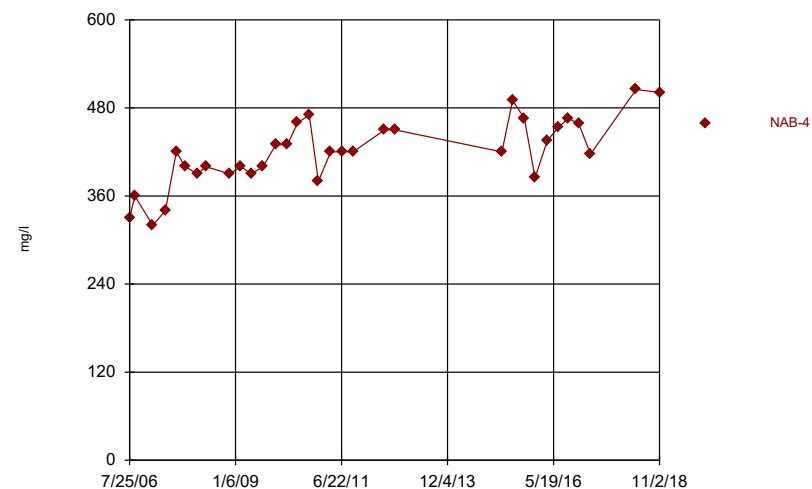
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Time Series



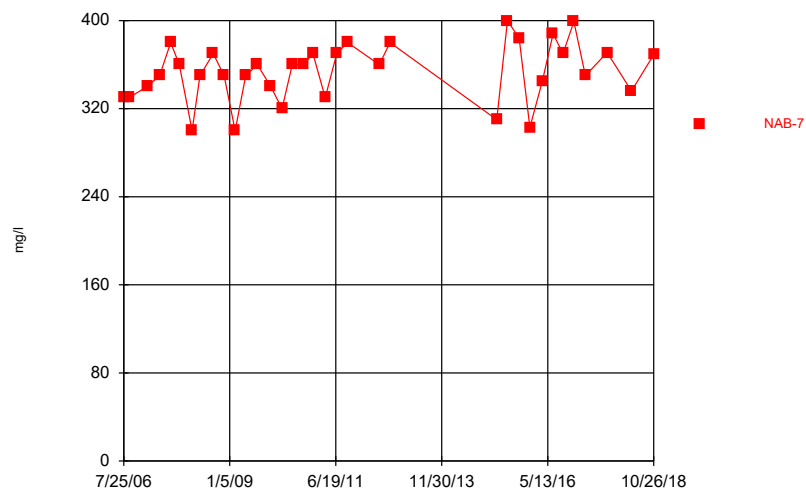
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



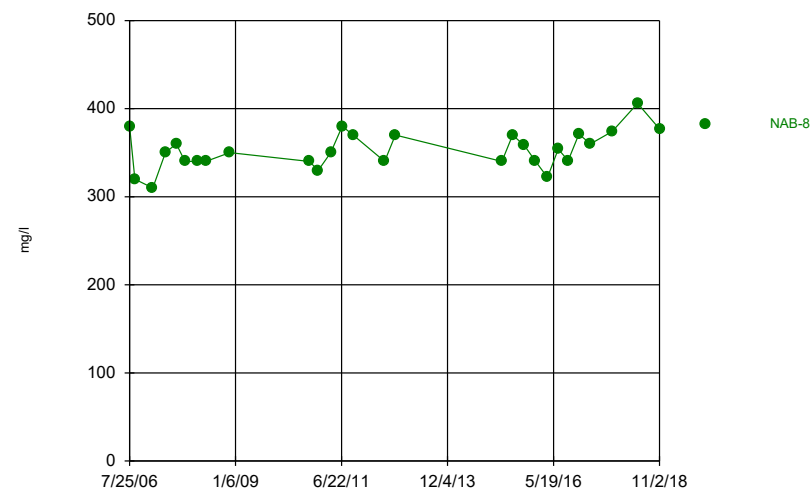
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



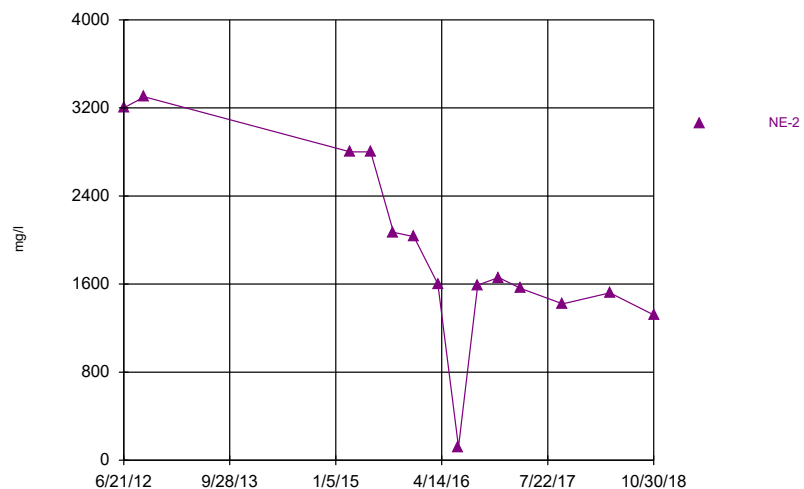
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Time Series



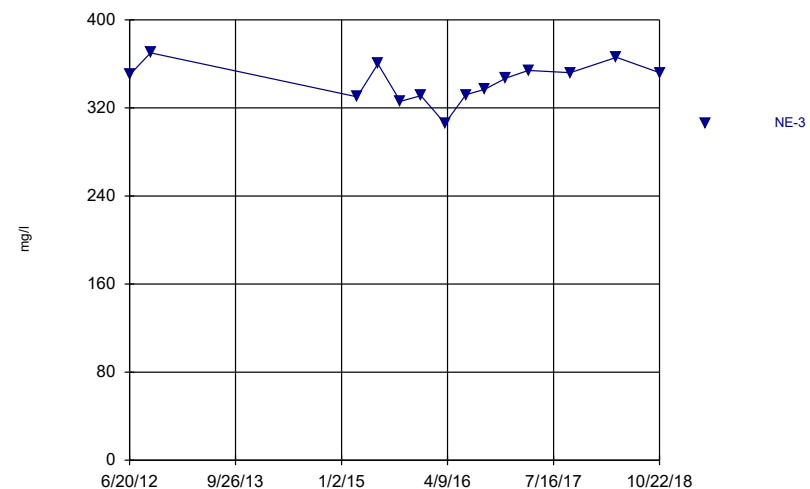
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Time Series



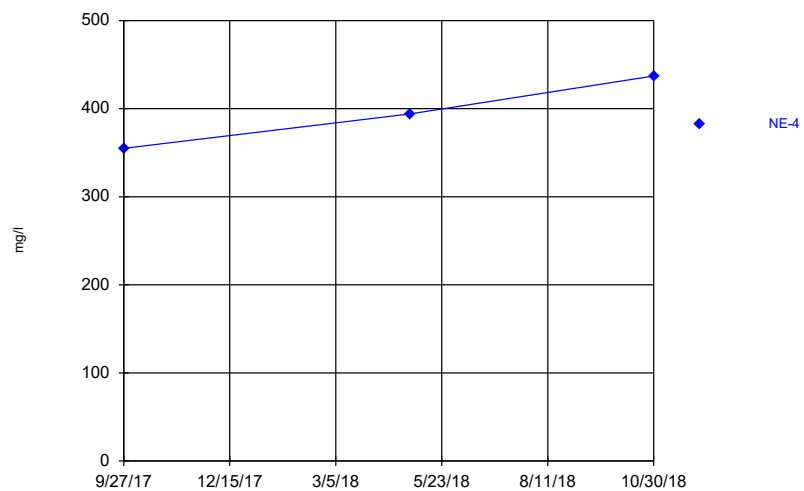
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Time Series



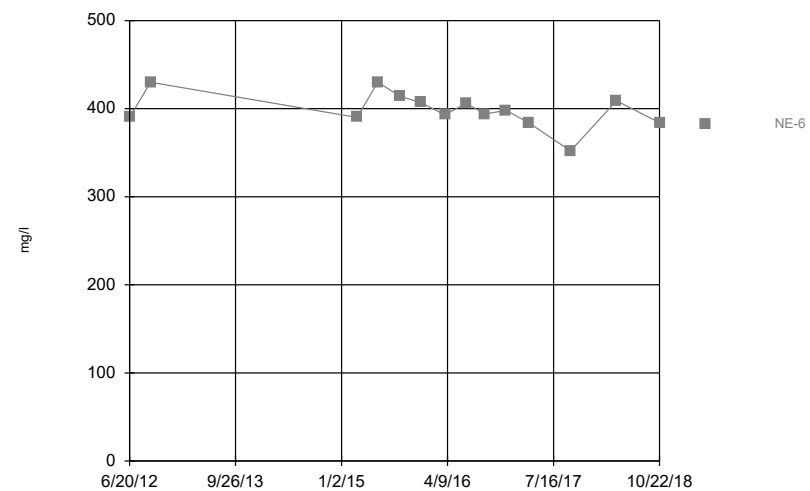
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Time Series



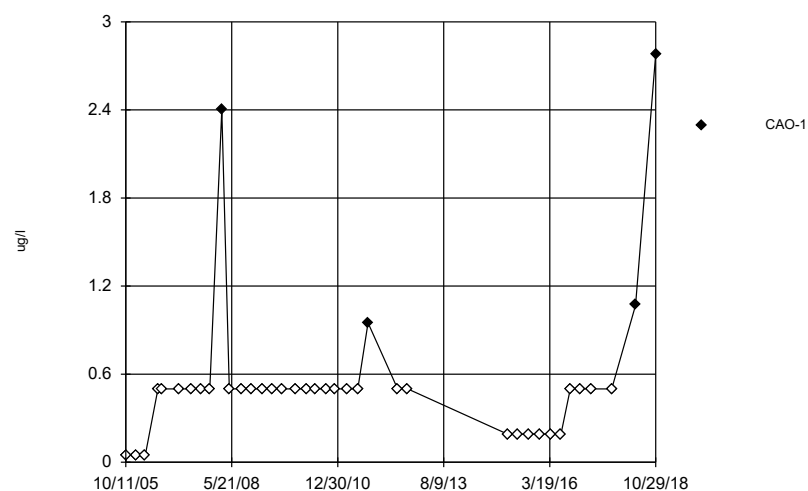
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Time Series

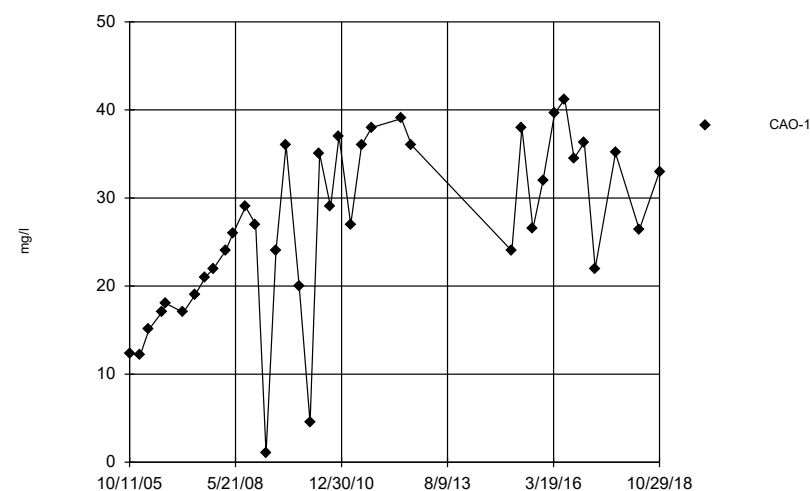


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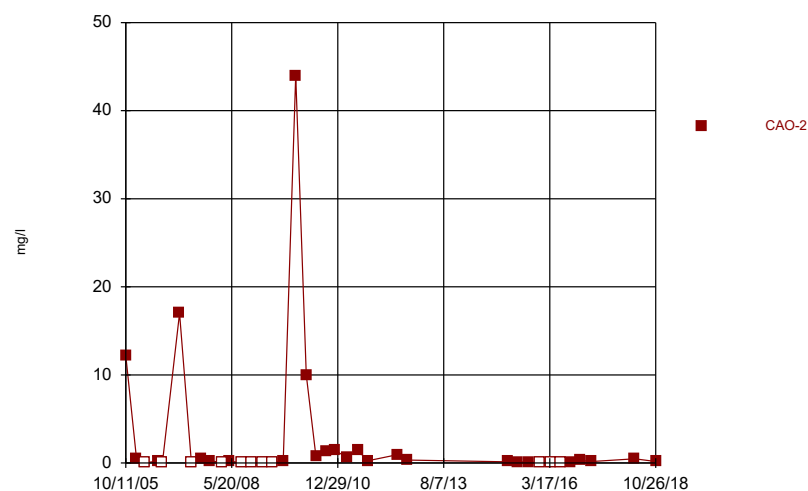
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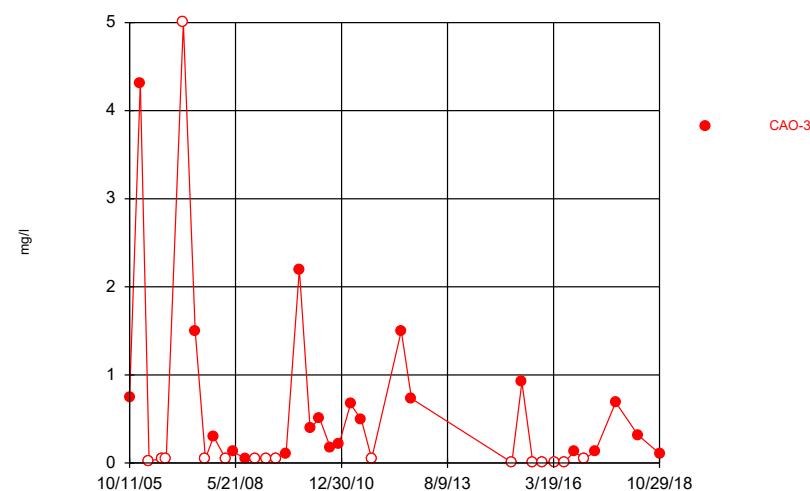
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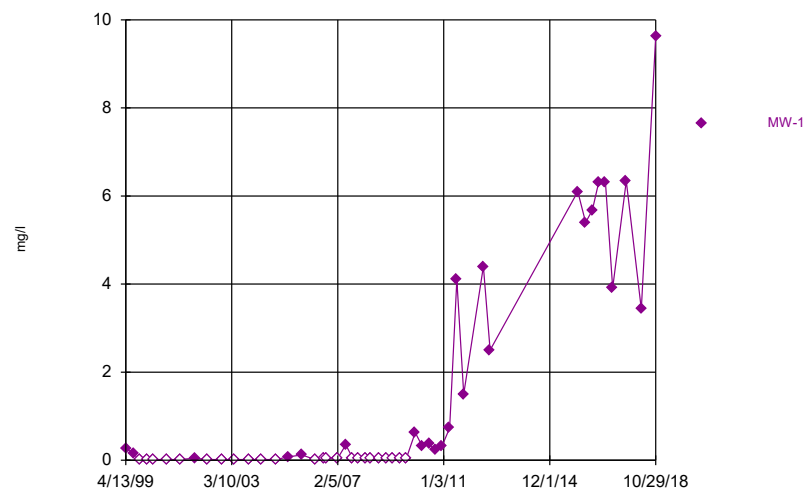
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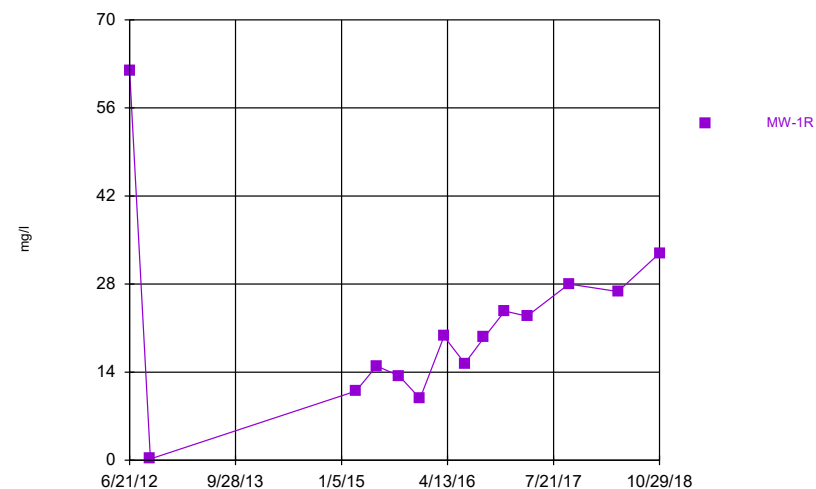
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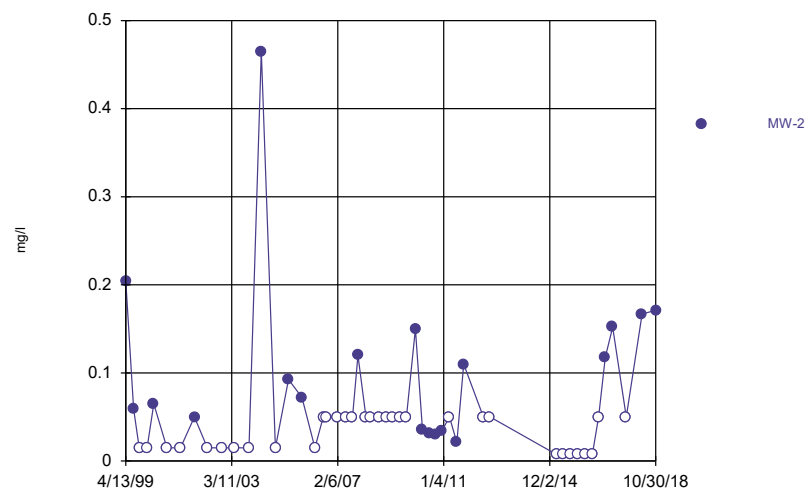
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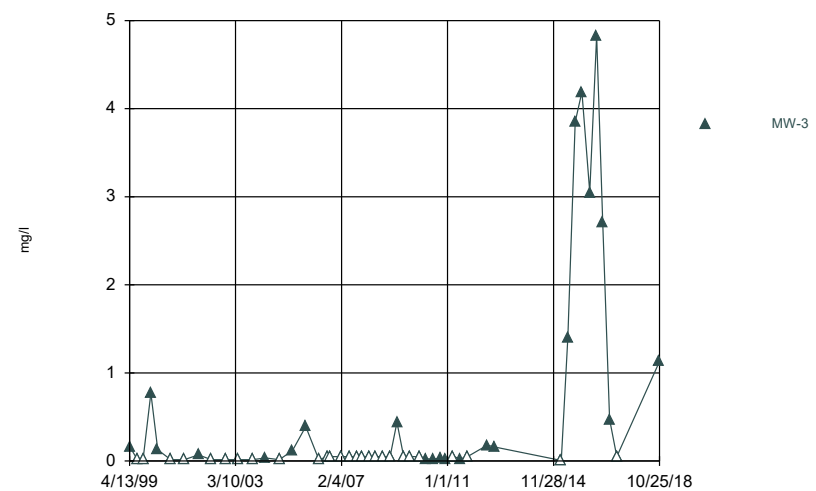
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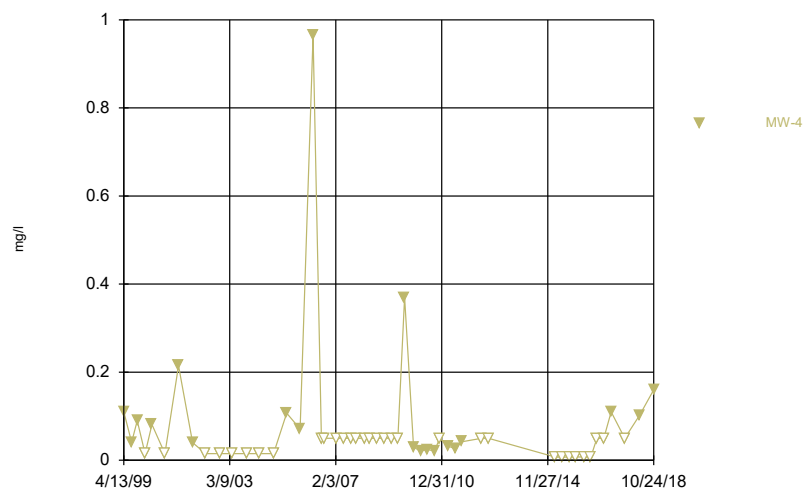
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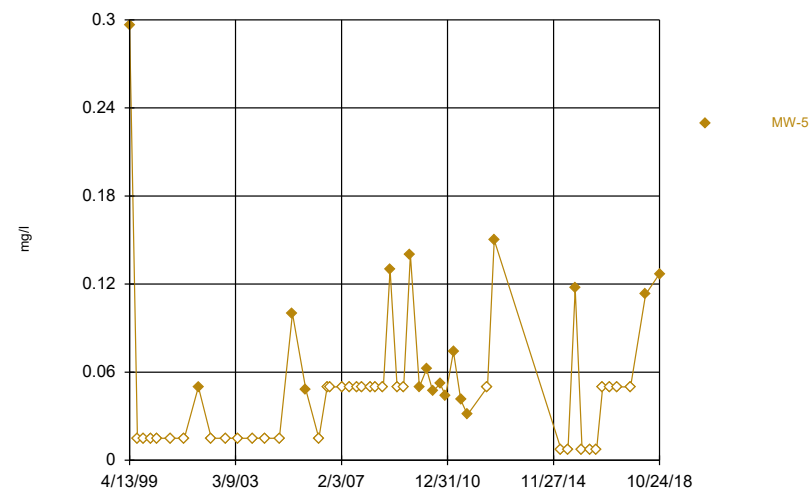
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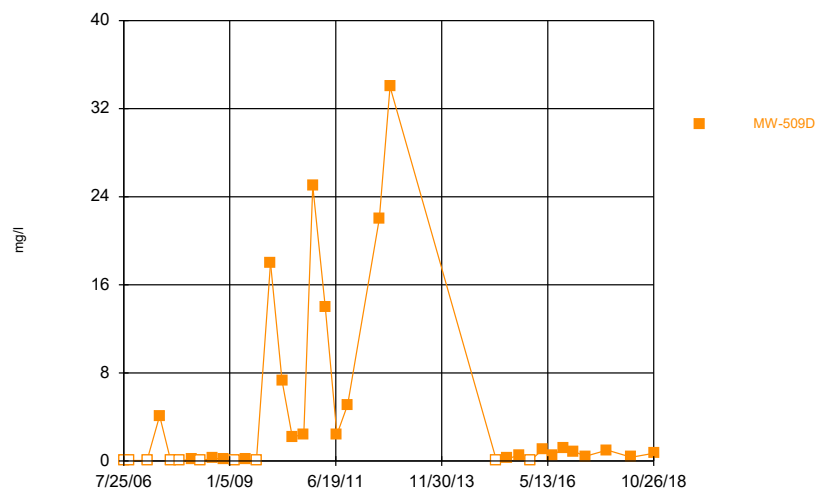
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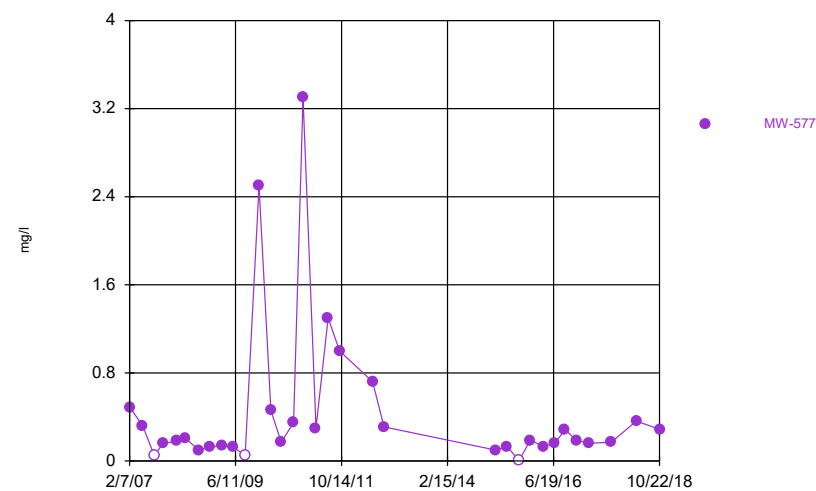
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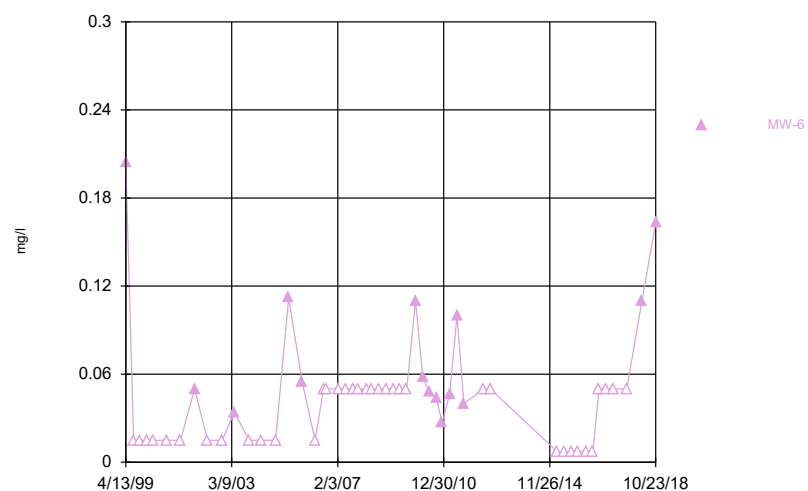
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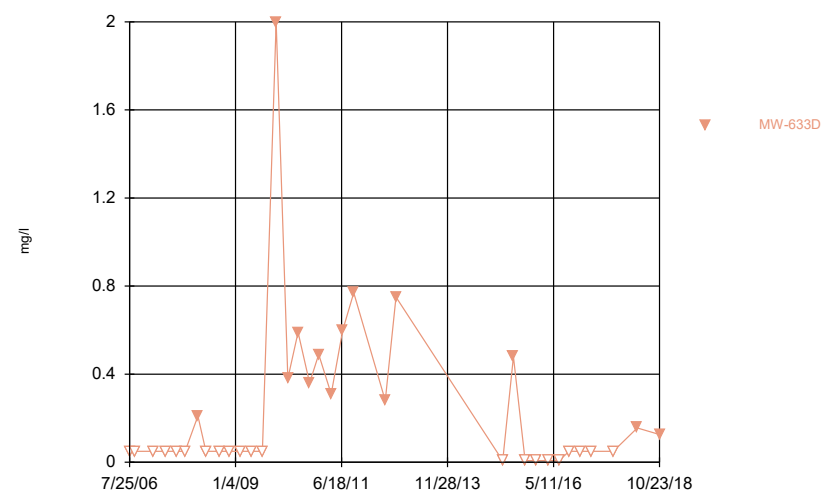
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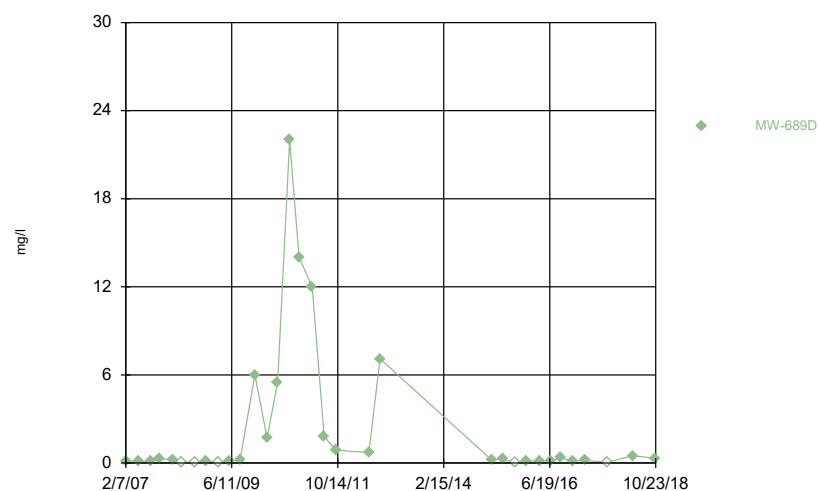
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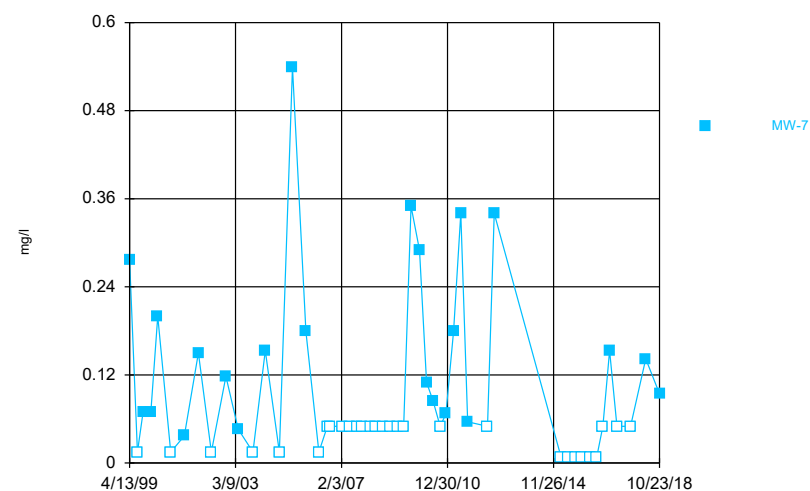
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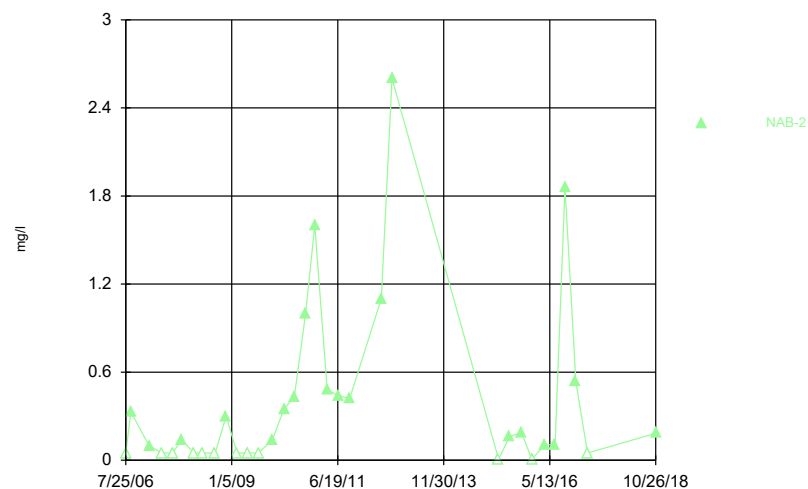
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Time Series

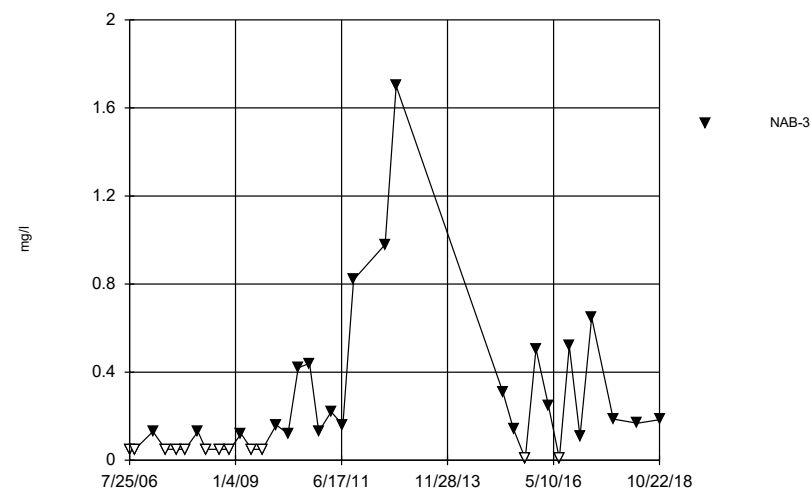


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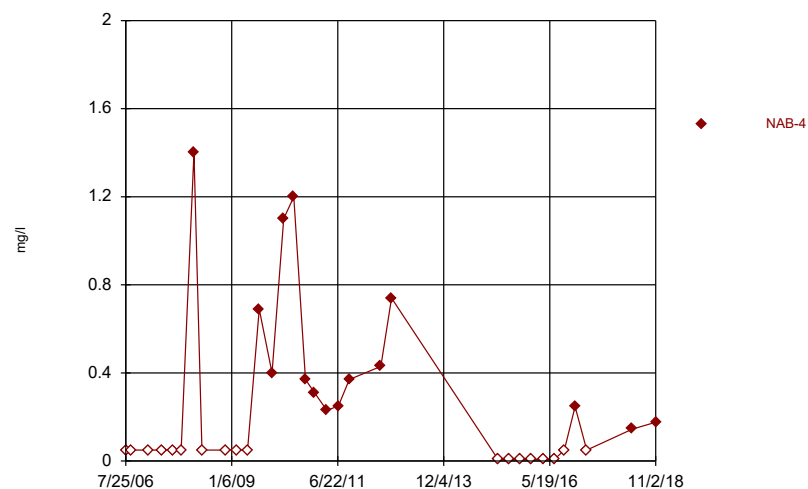
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



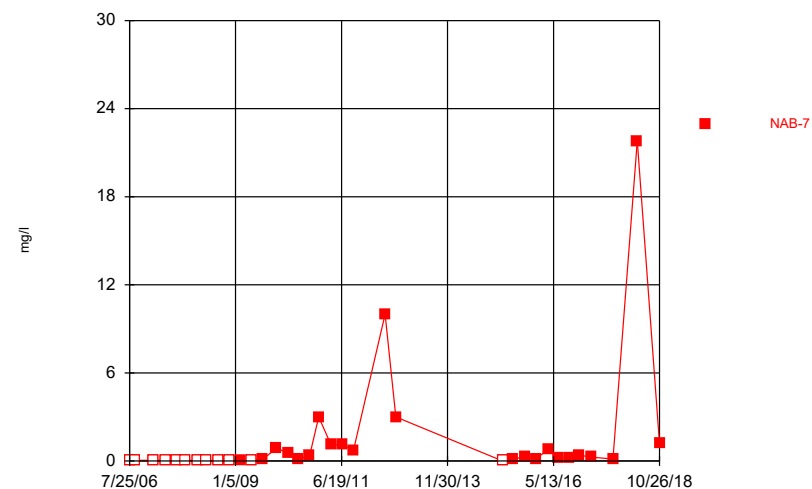
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



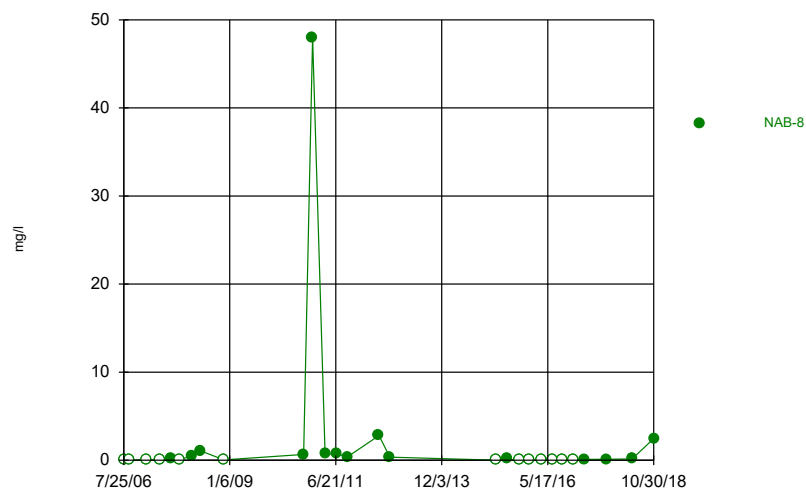
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

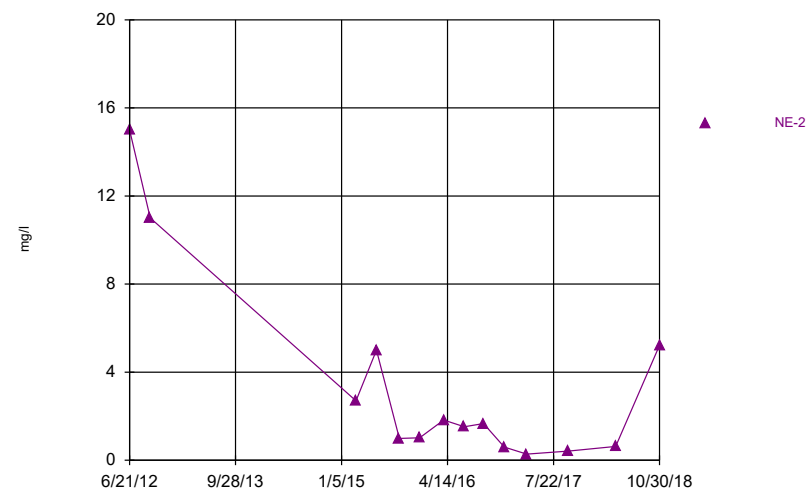


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

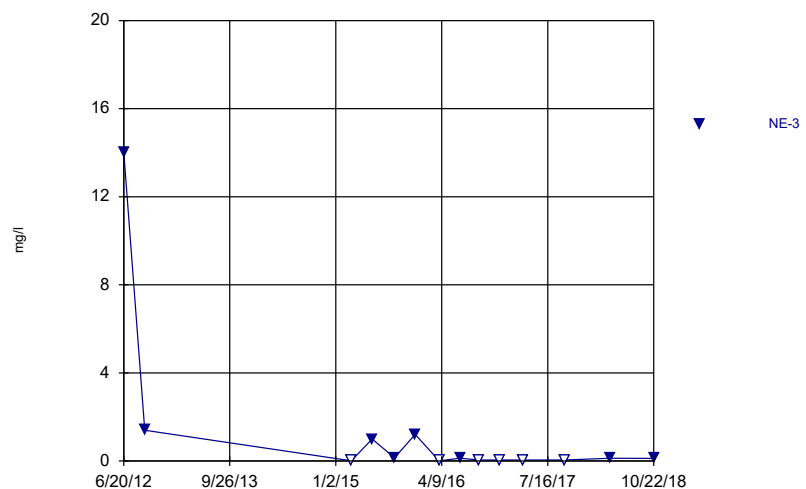
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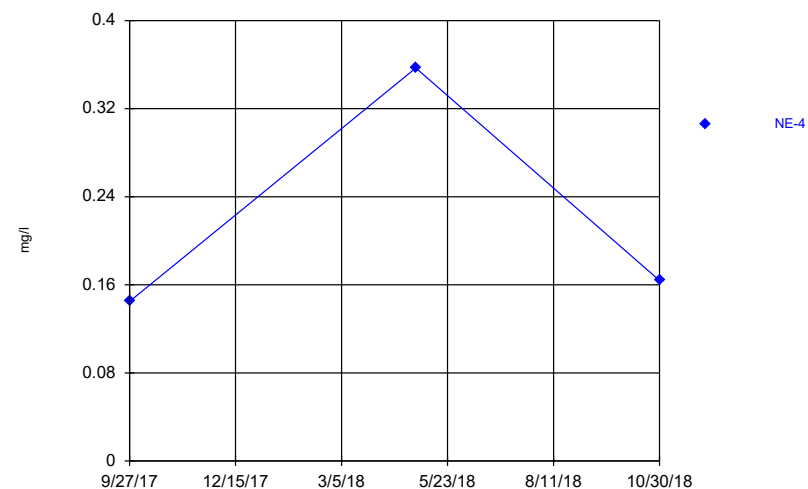
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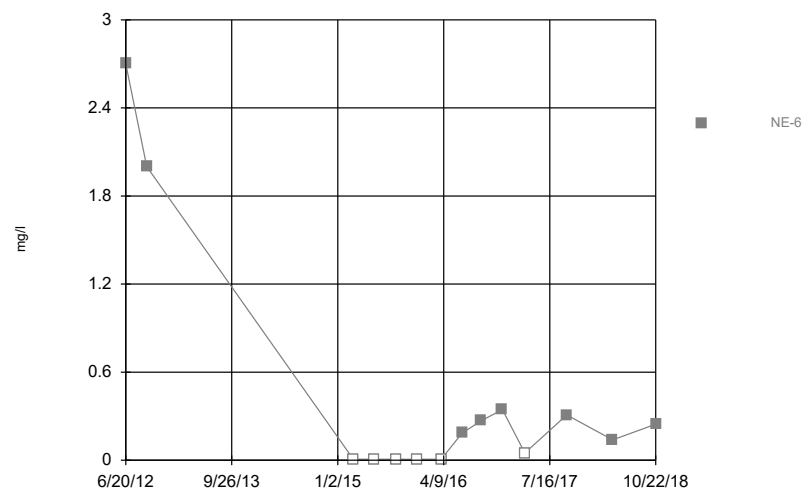
Time Series



Time Series

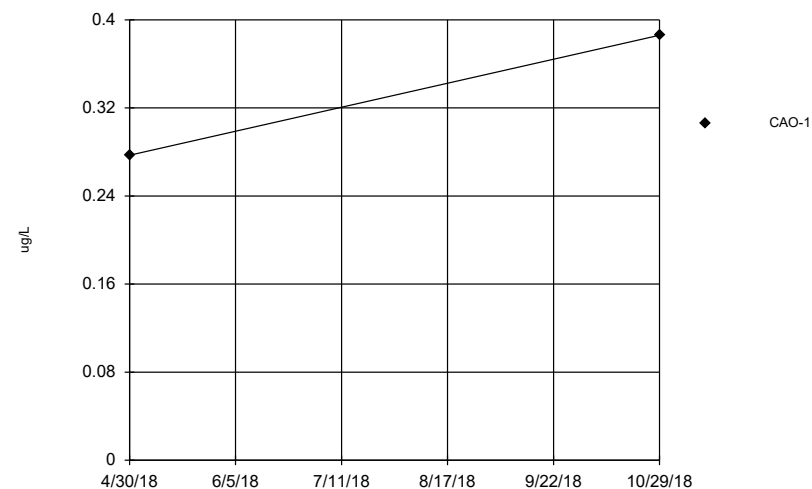


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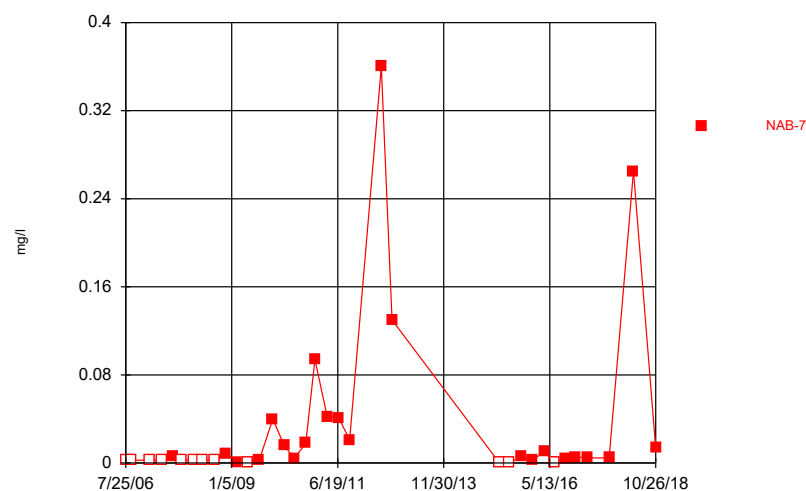
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

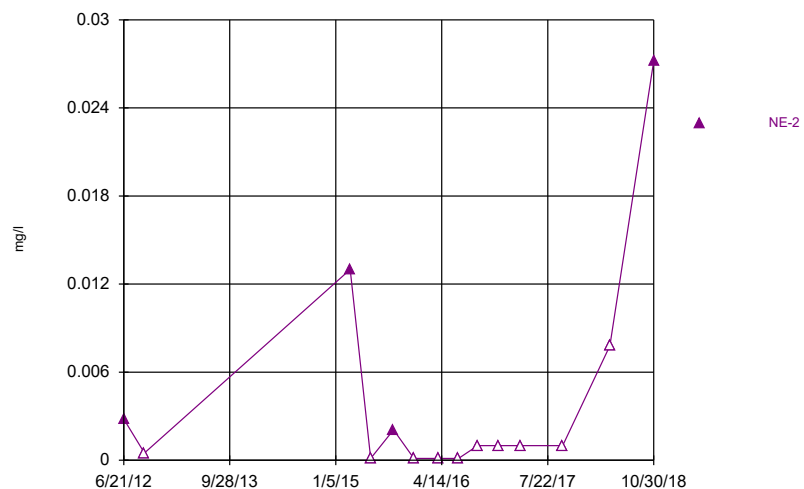


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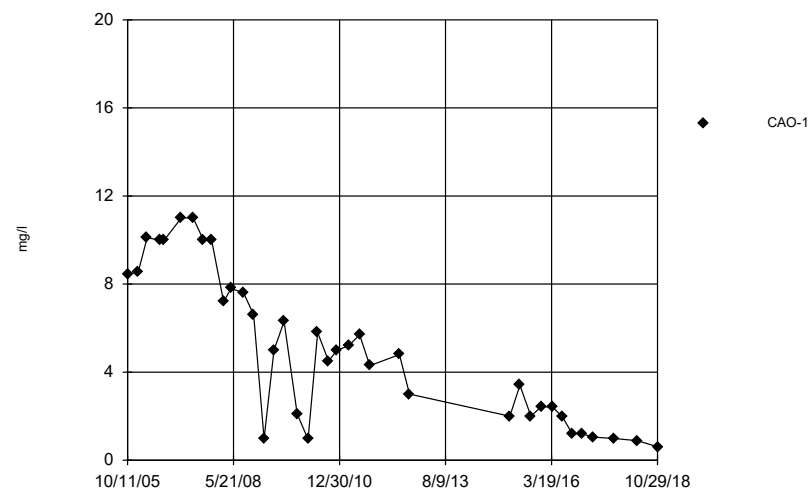
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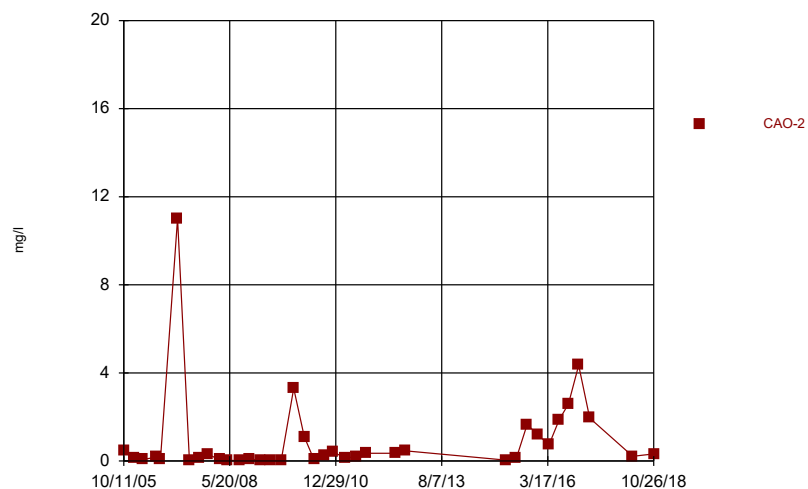
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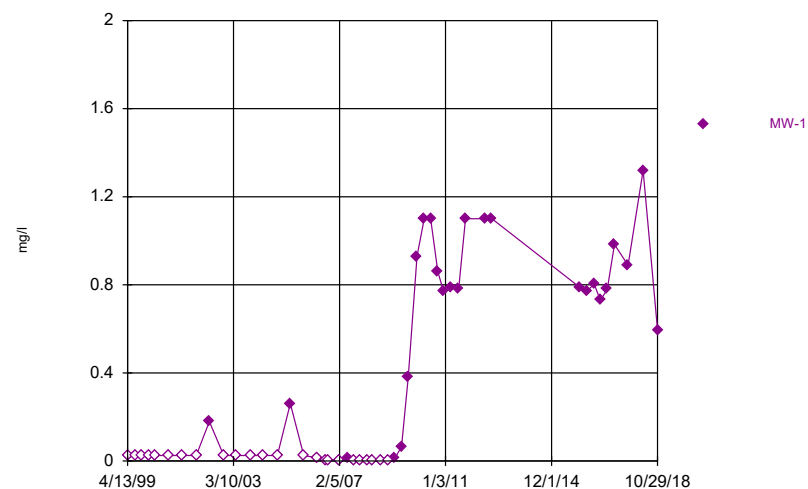
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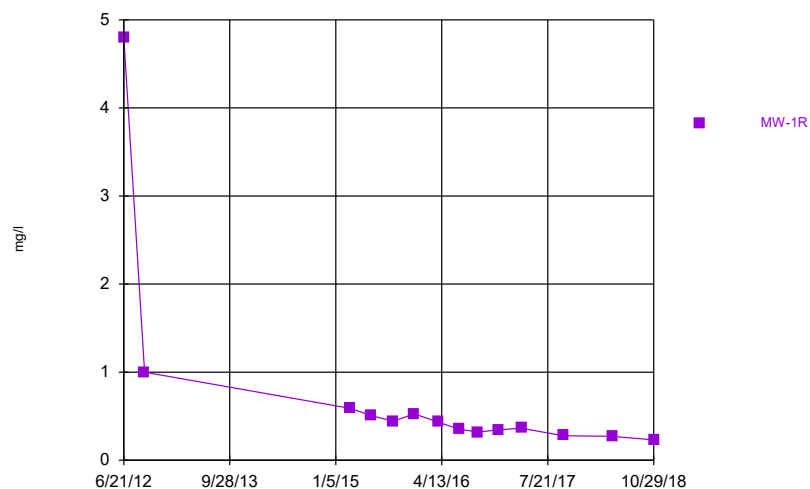
Time Series



Time Series

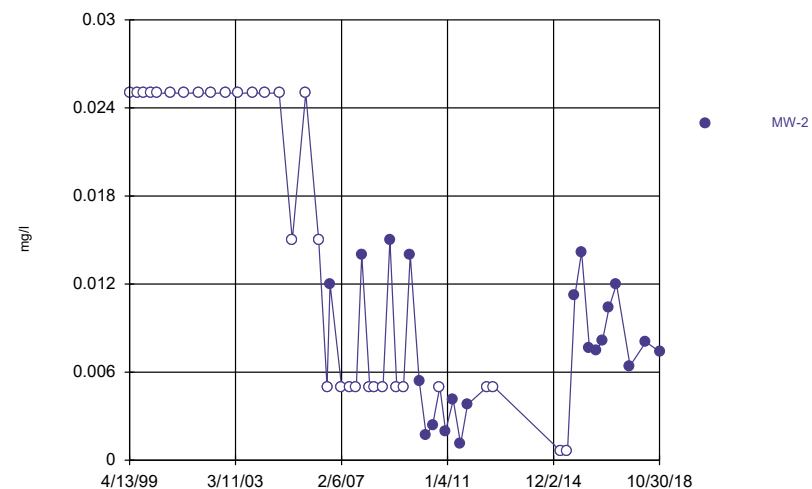


Time Series



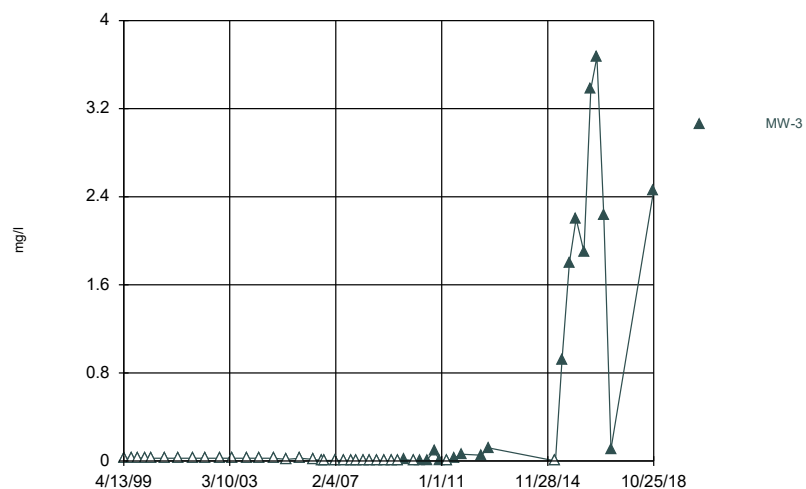
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



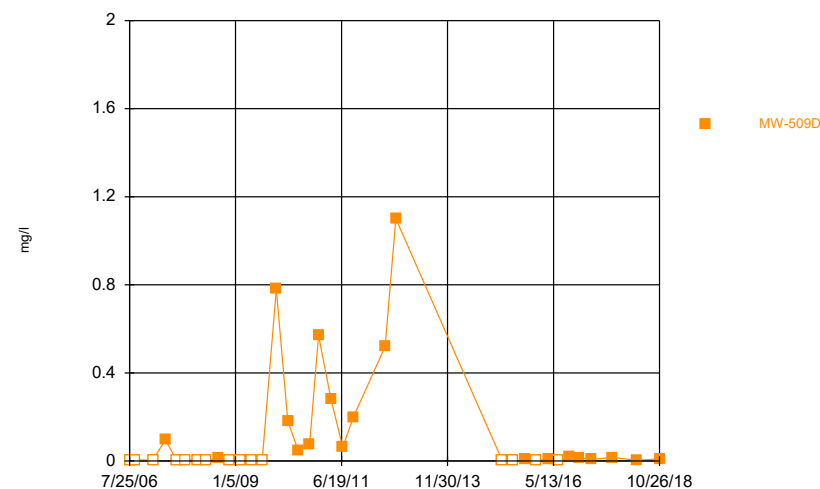
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Time Series



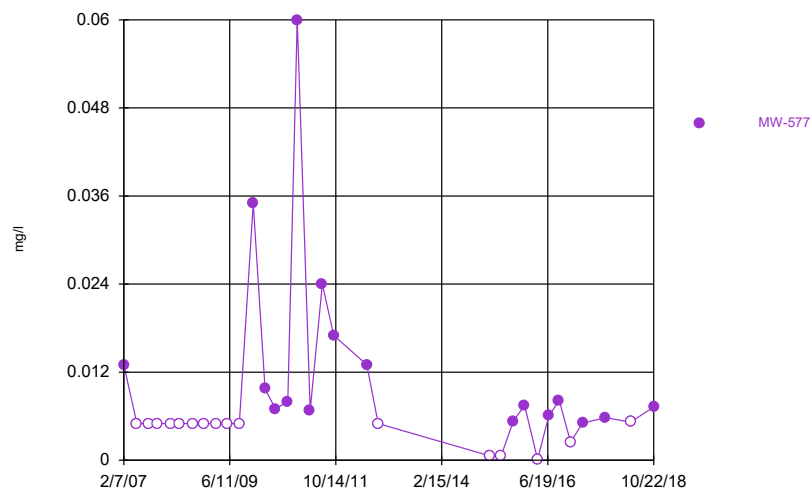
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

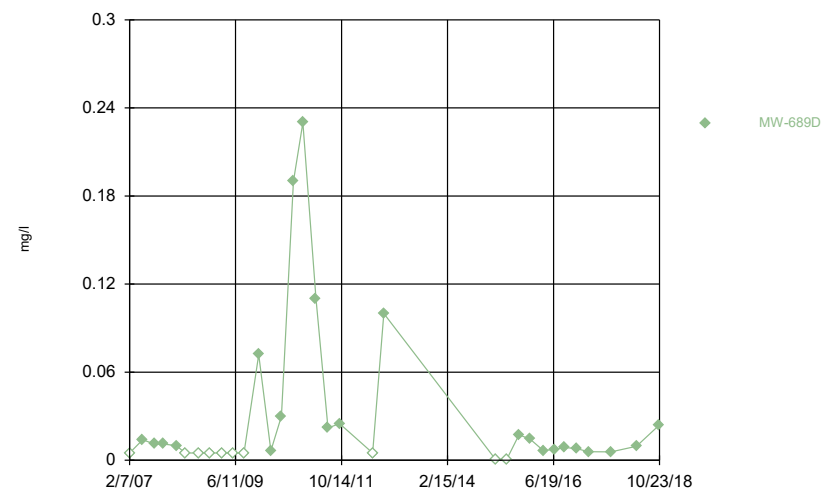


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

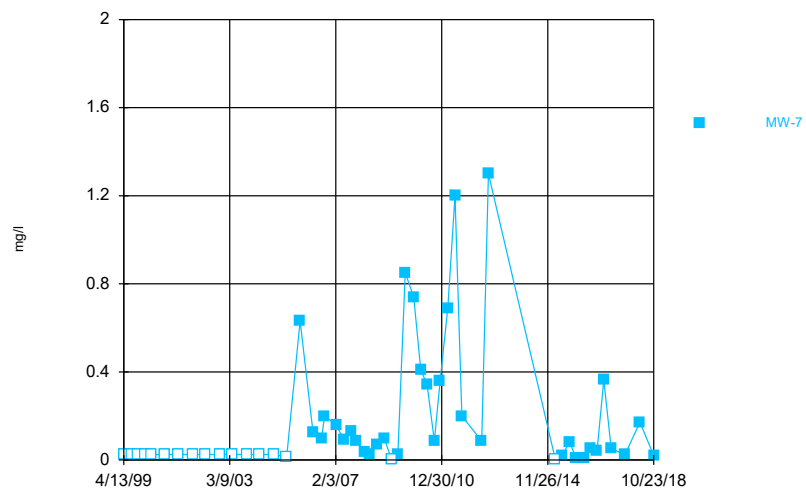
Time Series



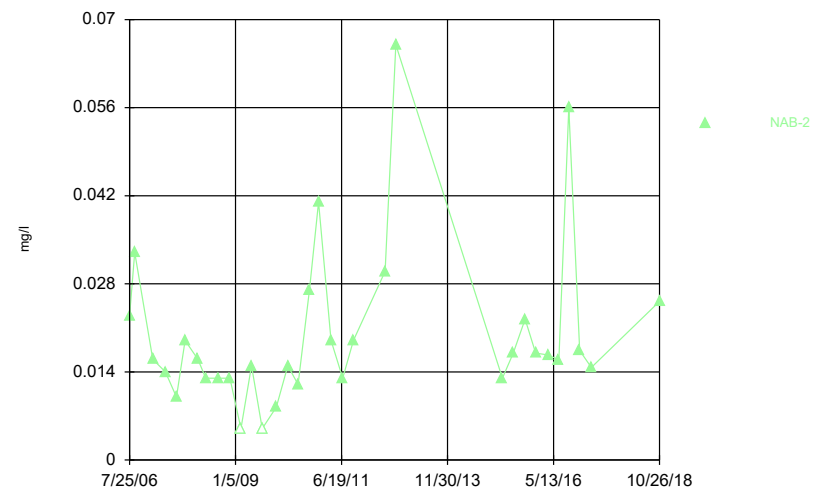
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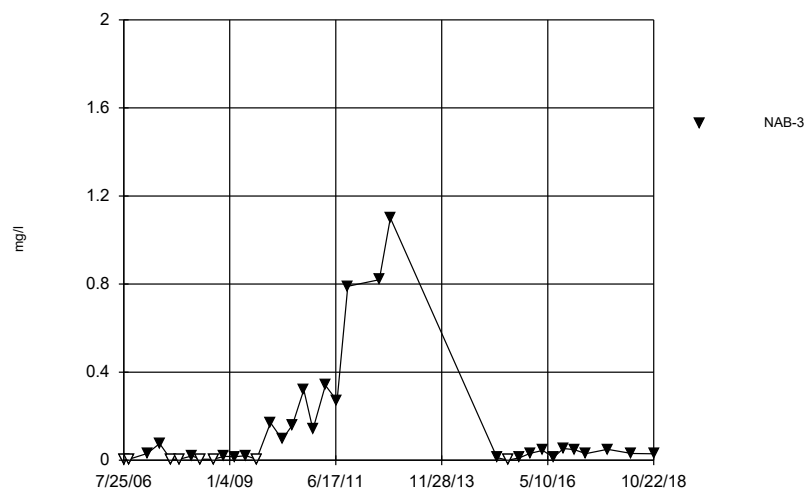
Time Series



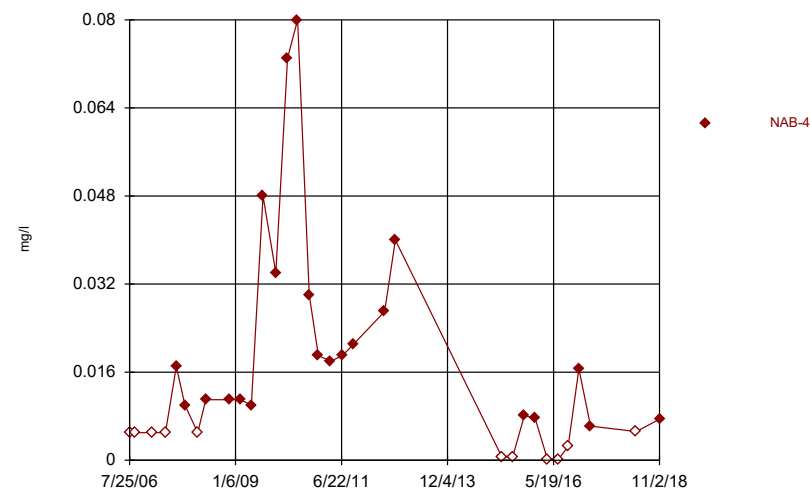
Time Series



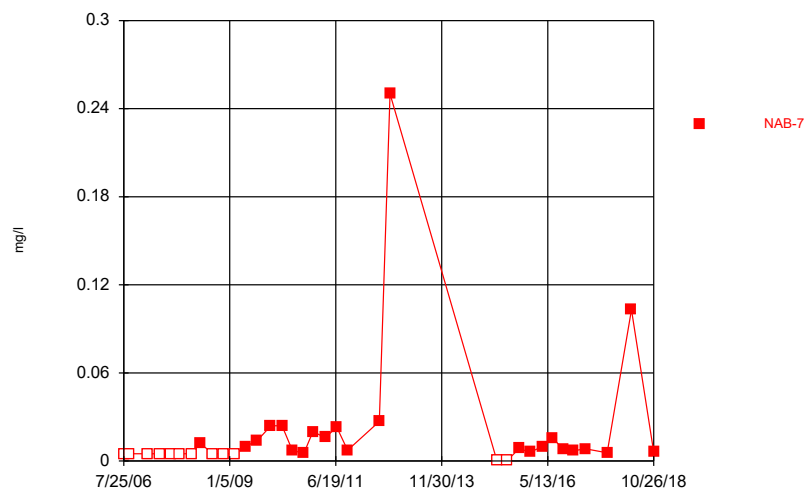
Time Series



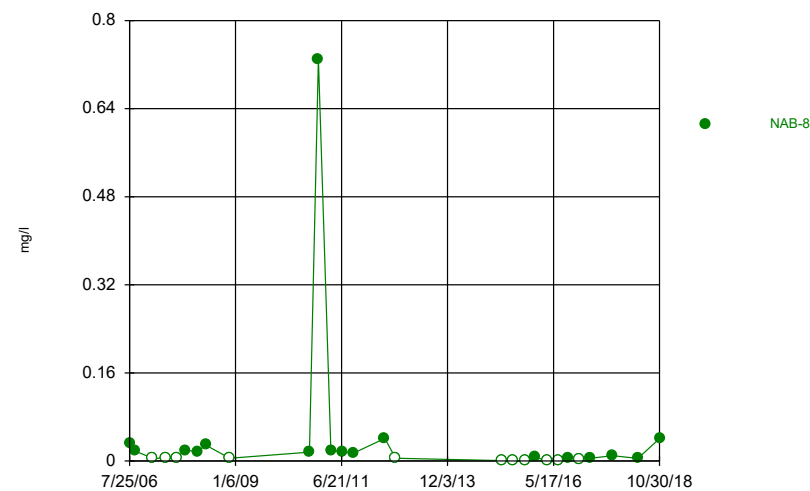
Time Series



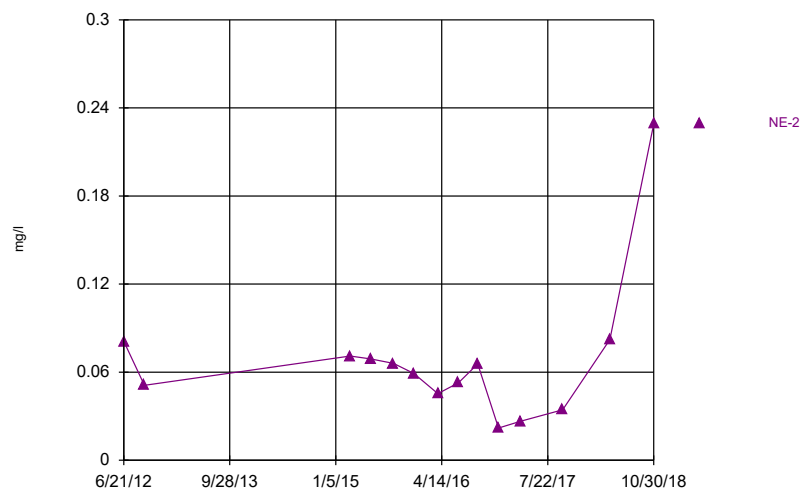
Time Series



Time Series

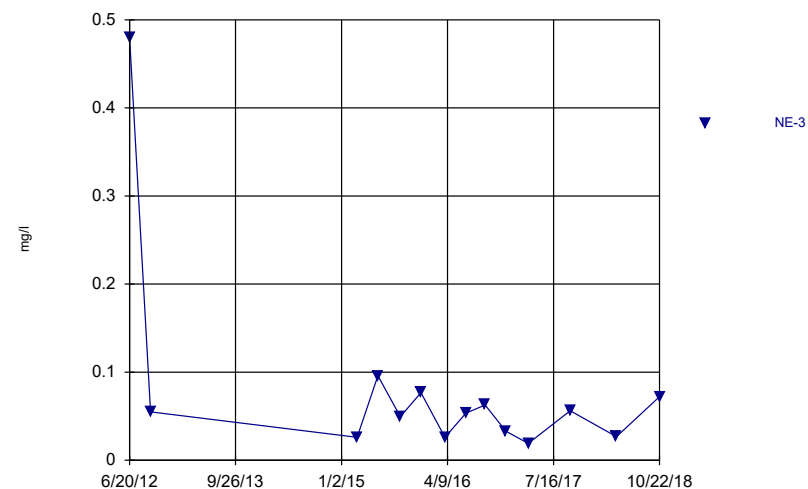


Time Series



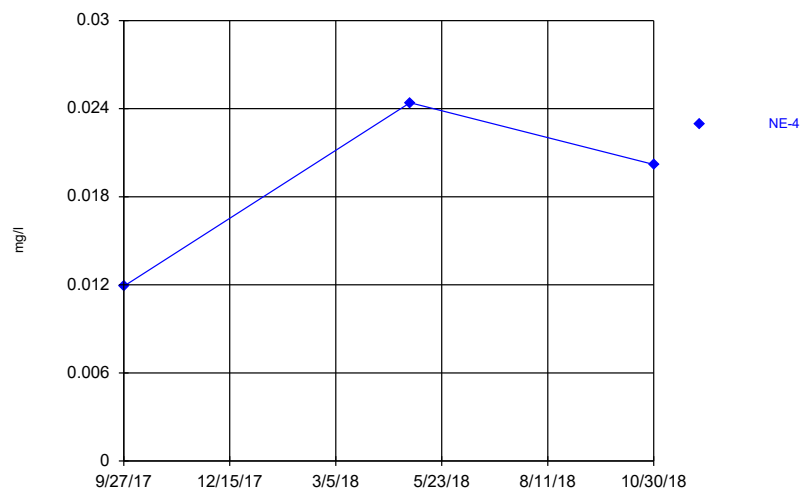
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Time Series



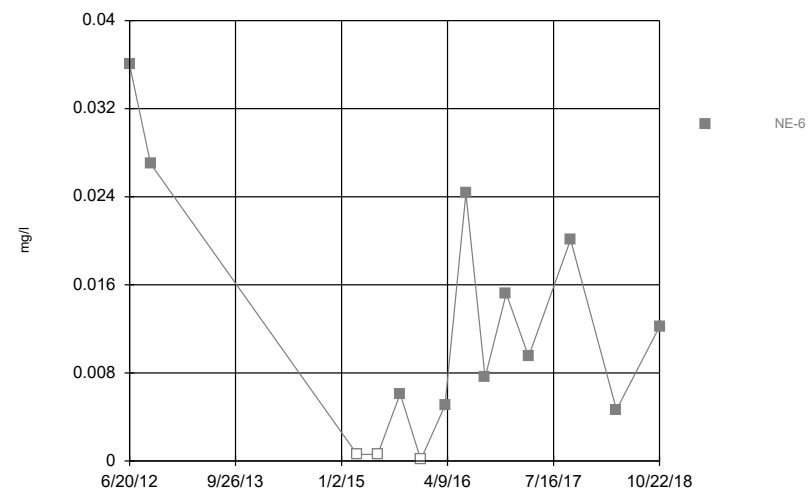
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Time Series



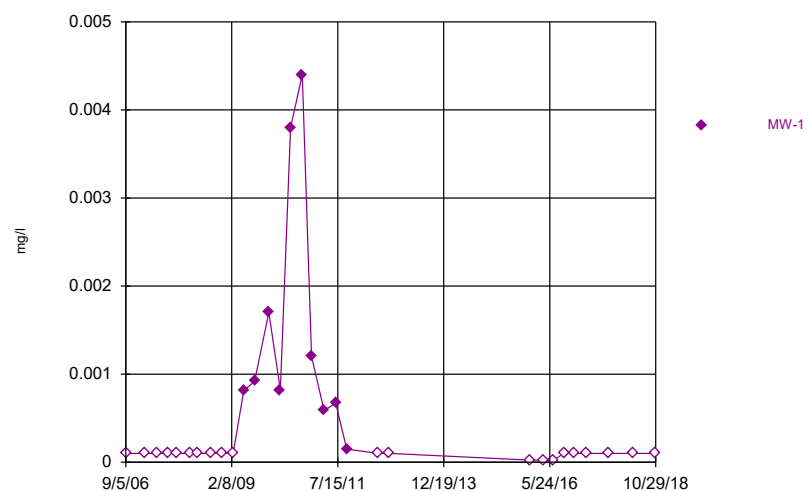
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Time Series

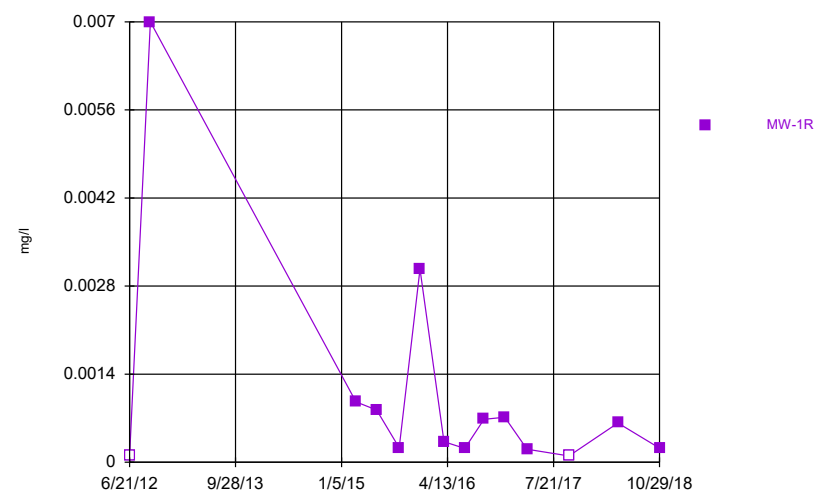


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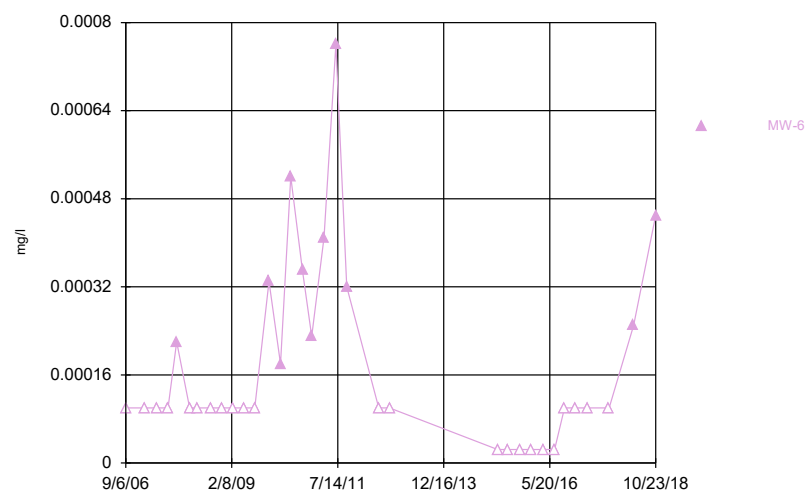
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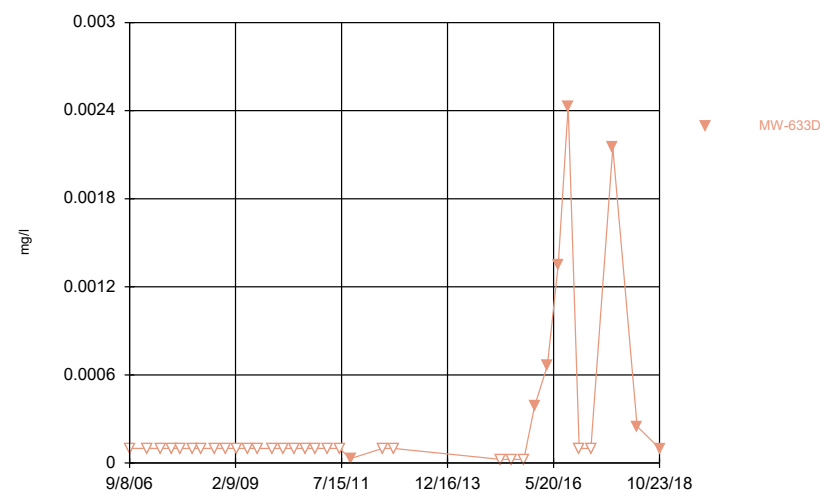
Time Series



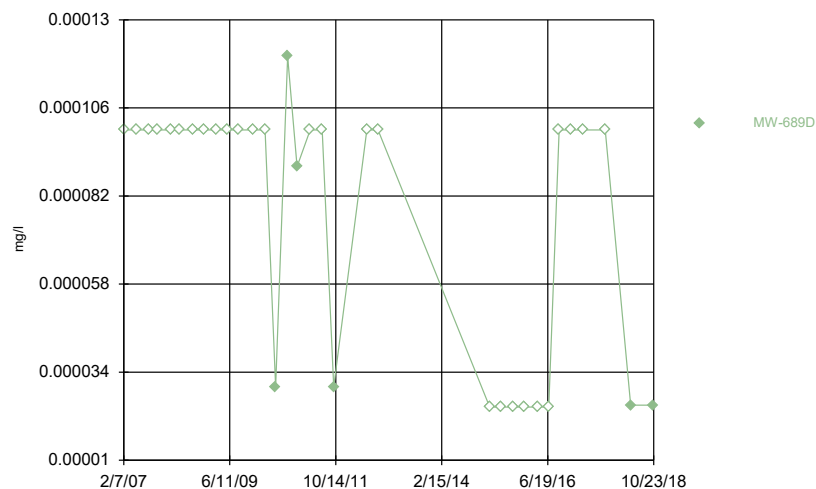
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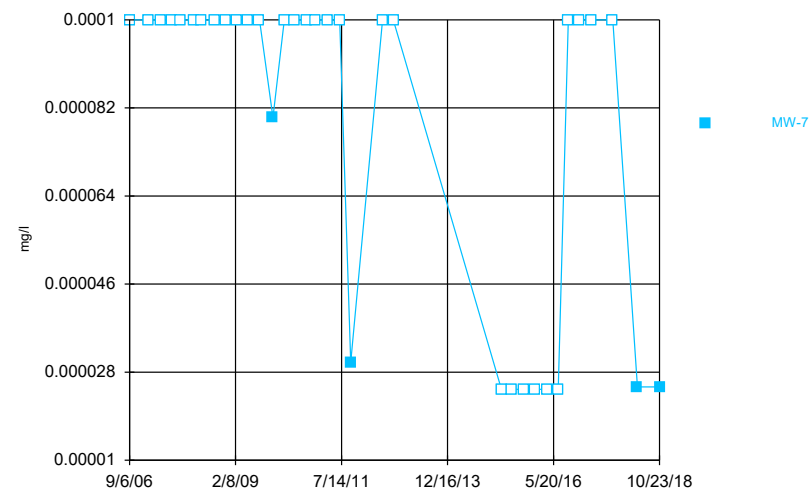
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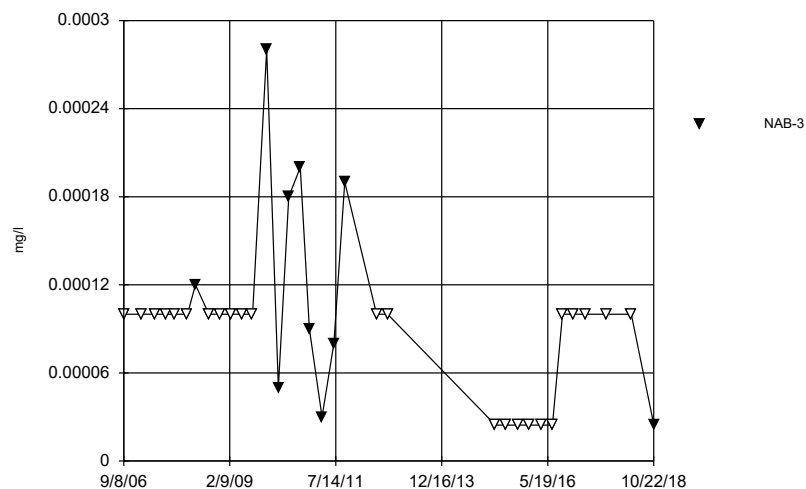
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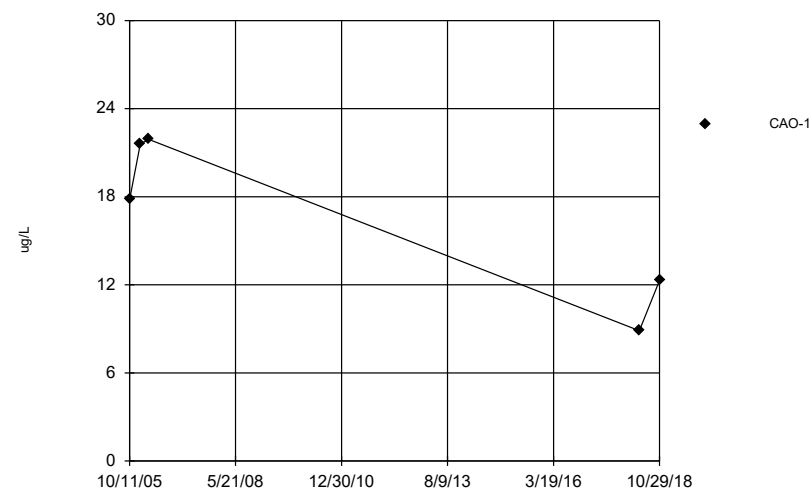
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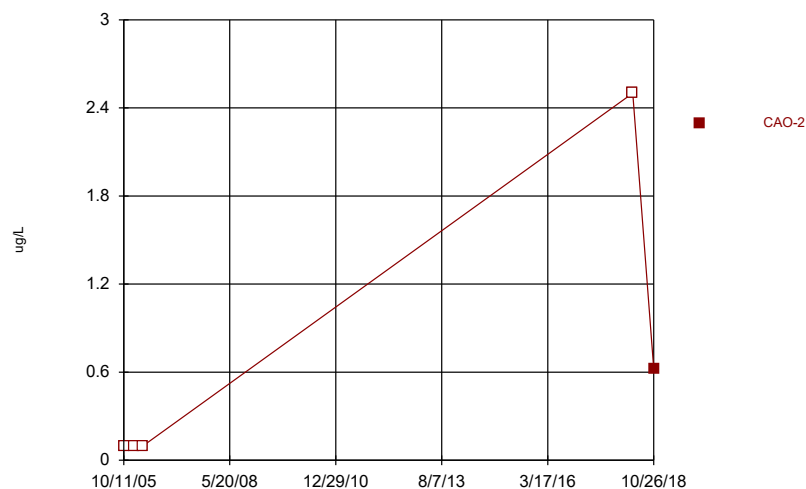
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Time Series

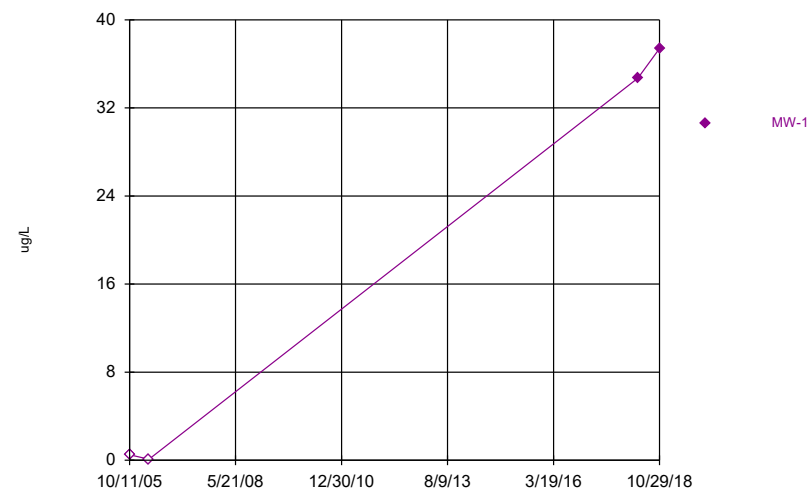


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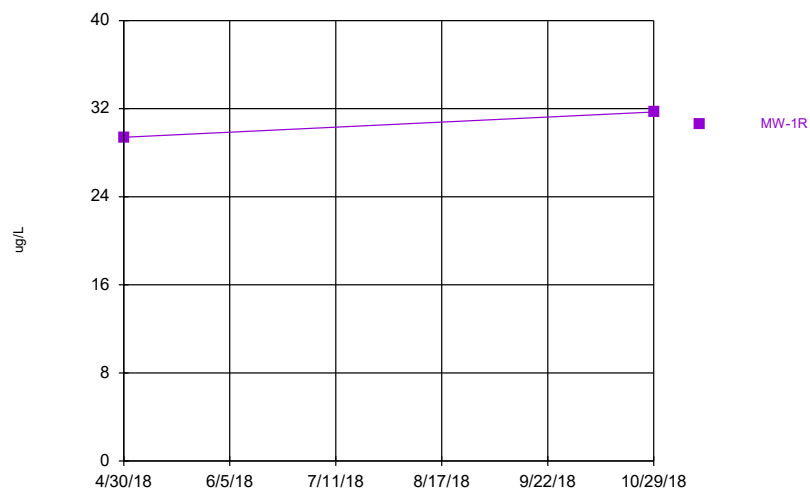
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



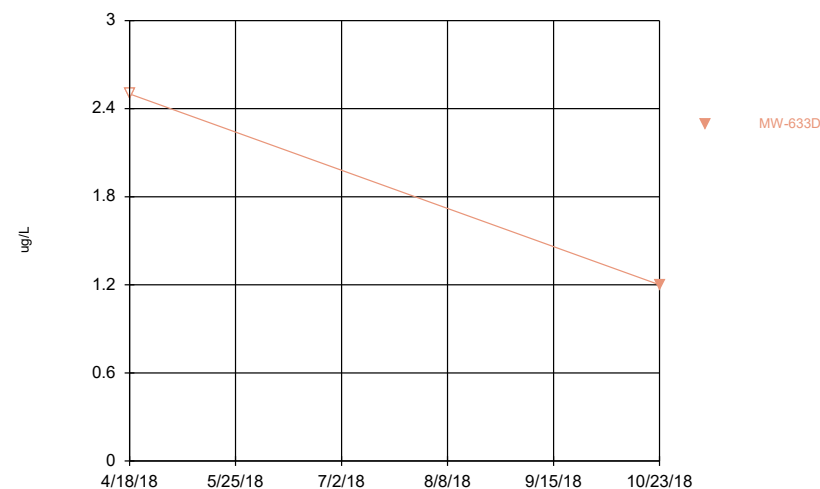
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Time Series



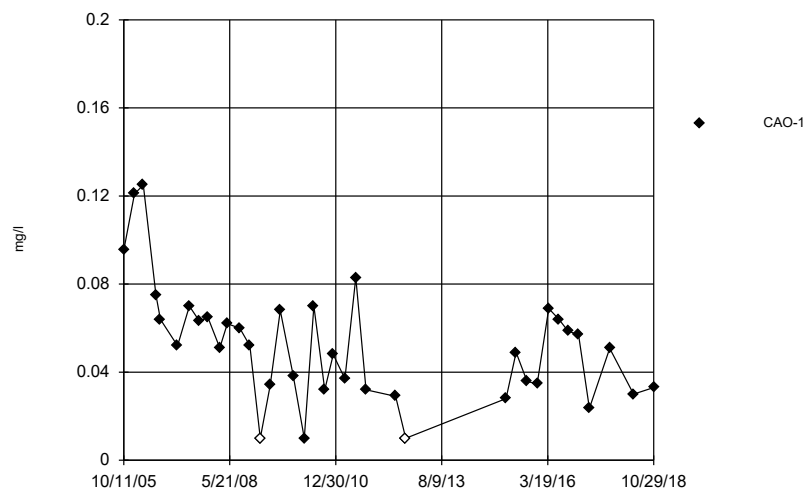
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Time Series

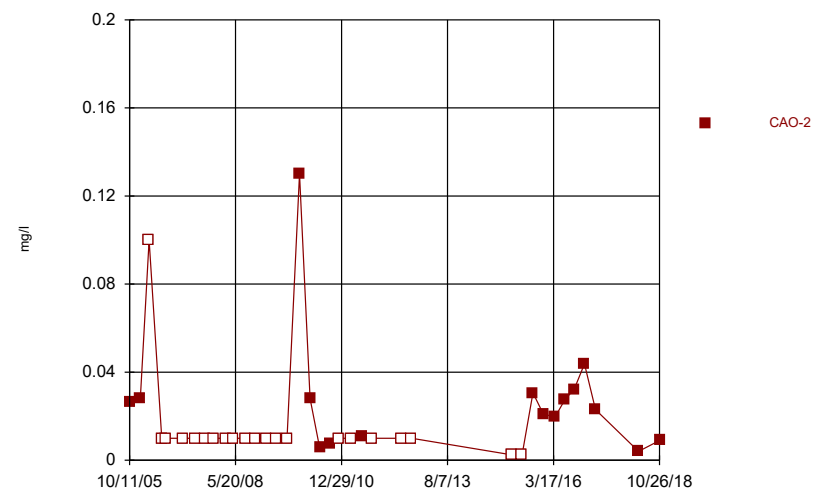


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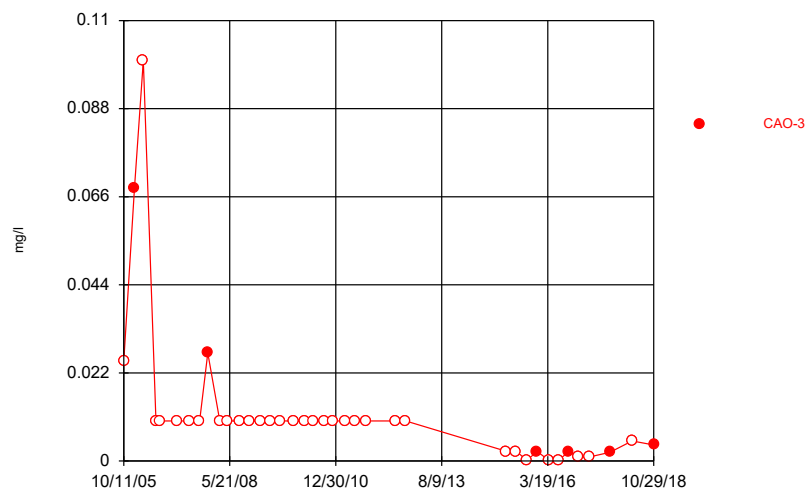
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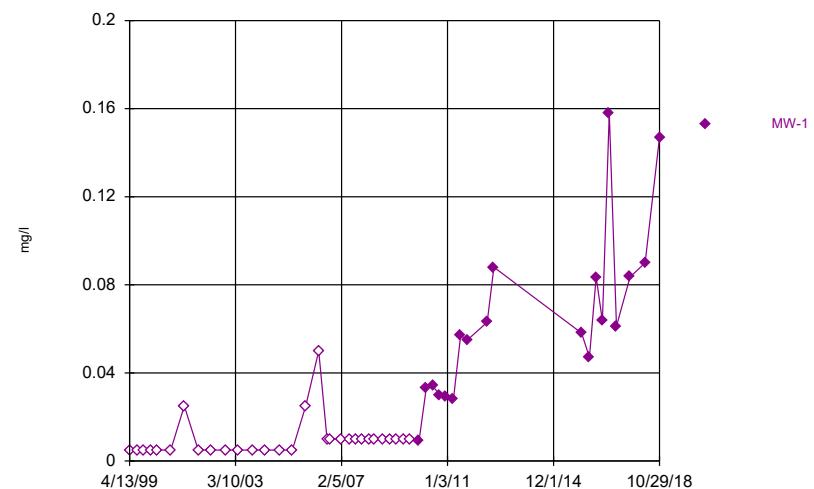
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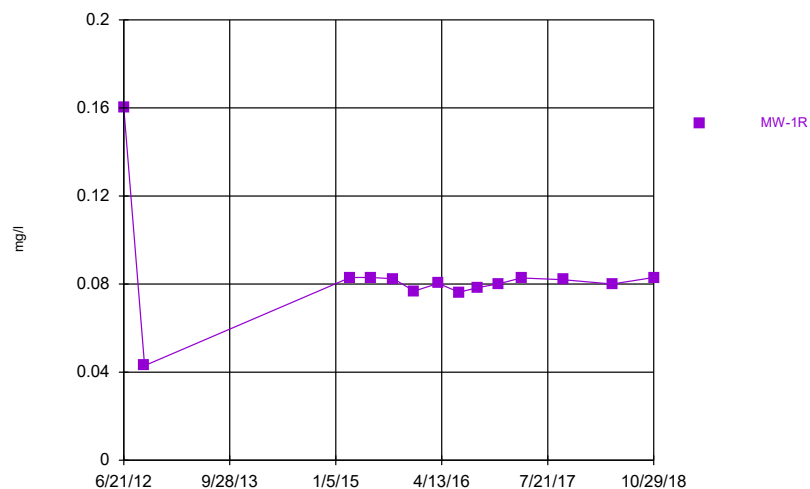
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Time Series

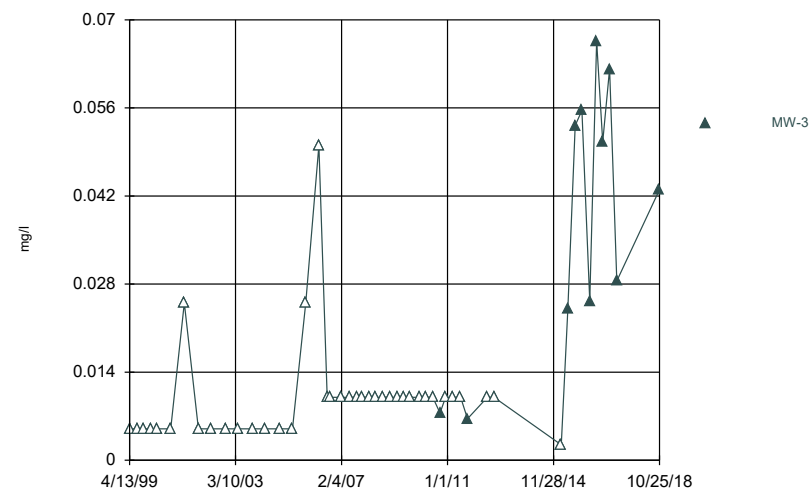


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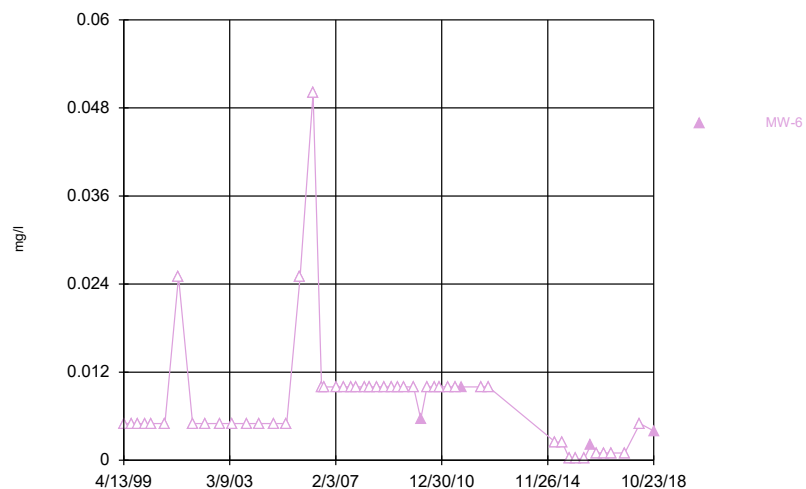


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Time Series

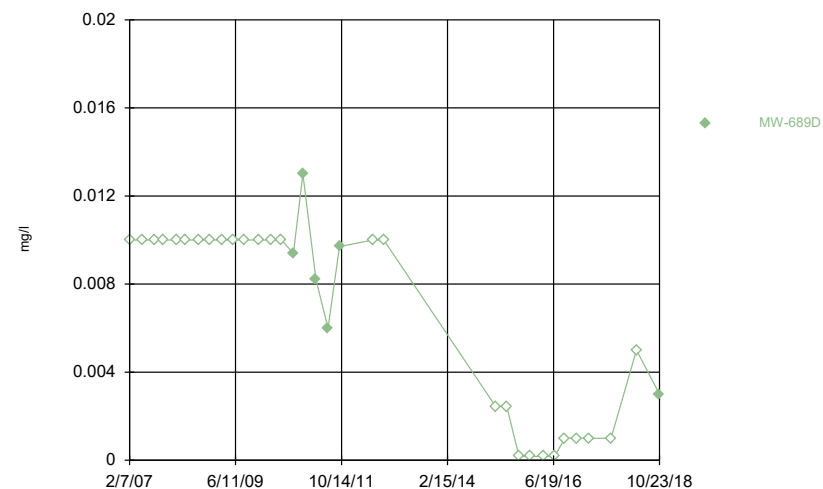


Time Series



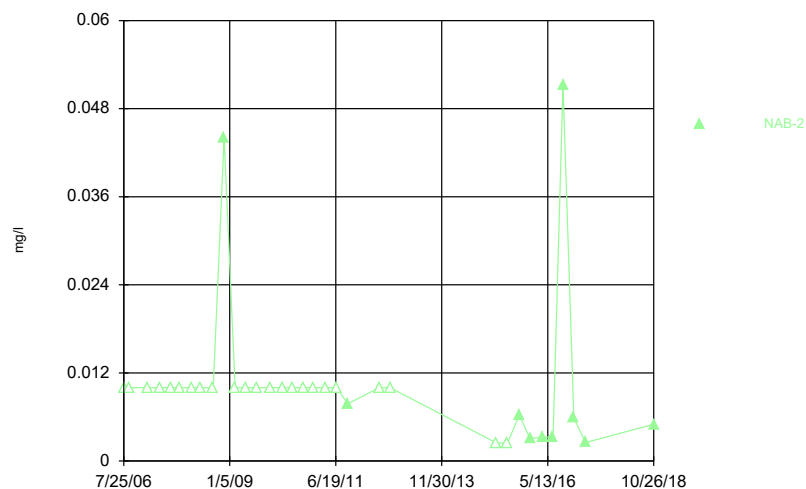
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Time Series



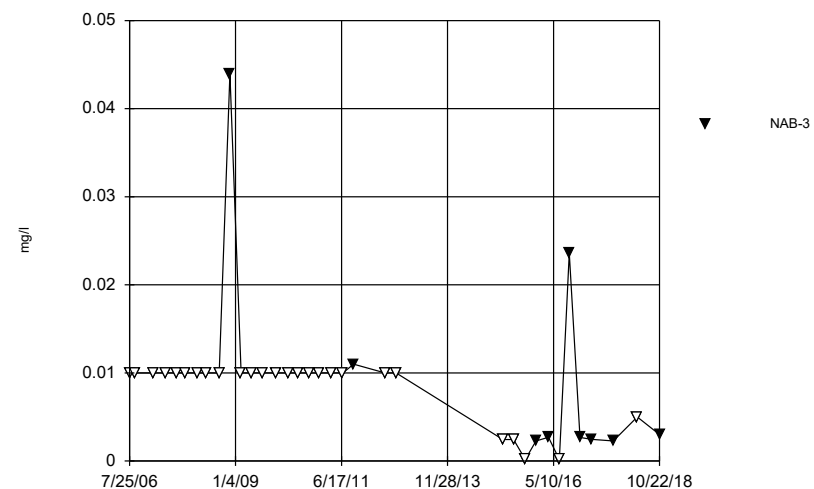
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Time Series



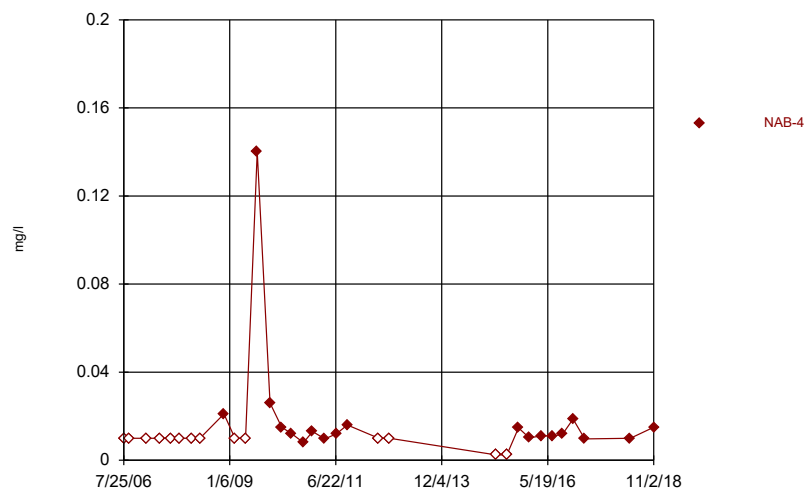
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Time Series

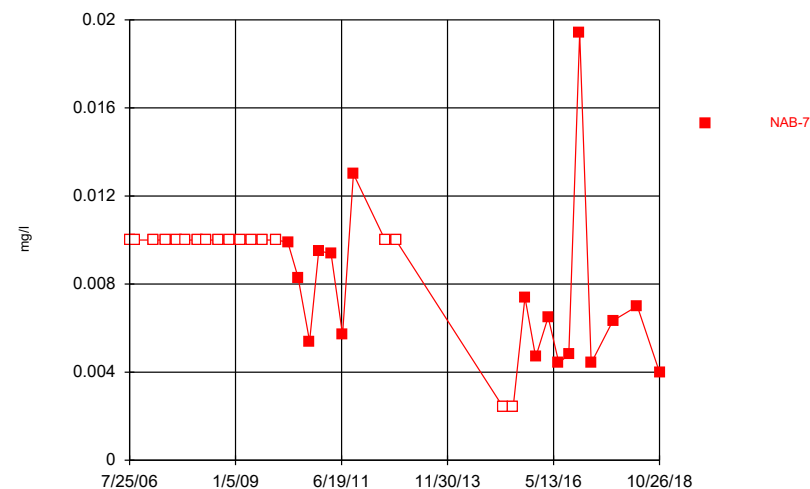


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

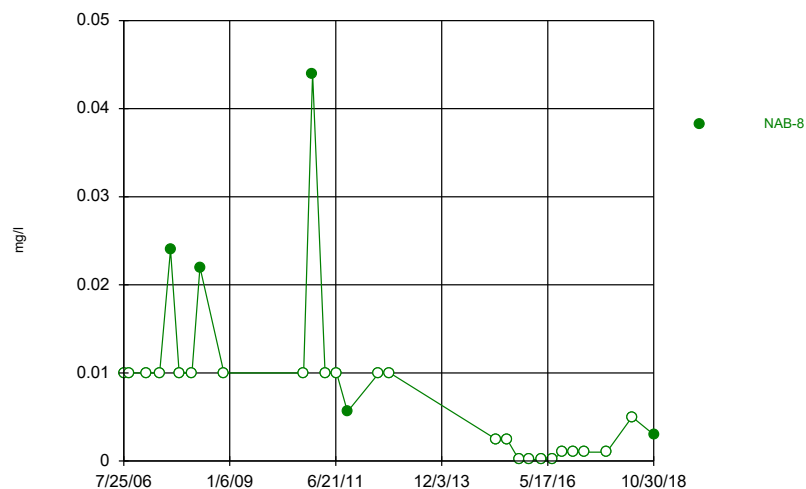
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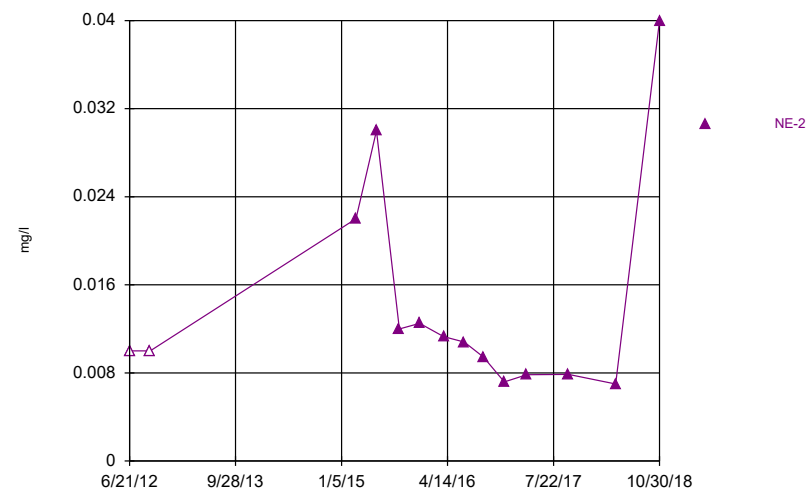
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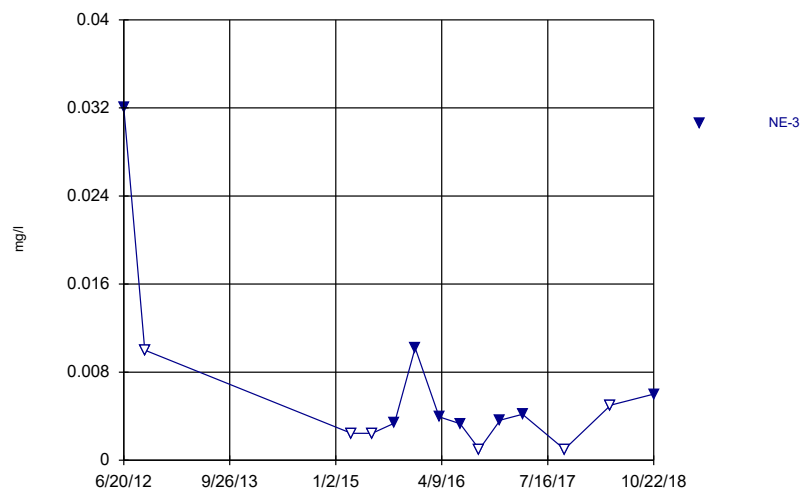
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Time Series

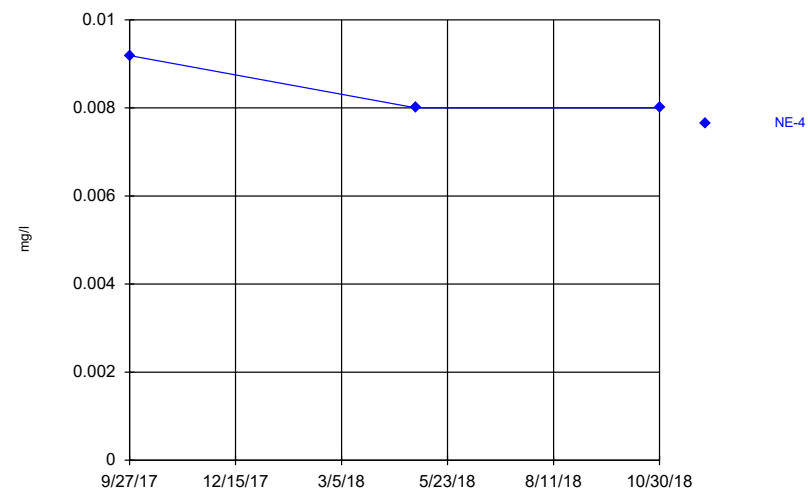


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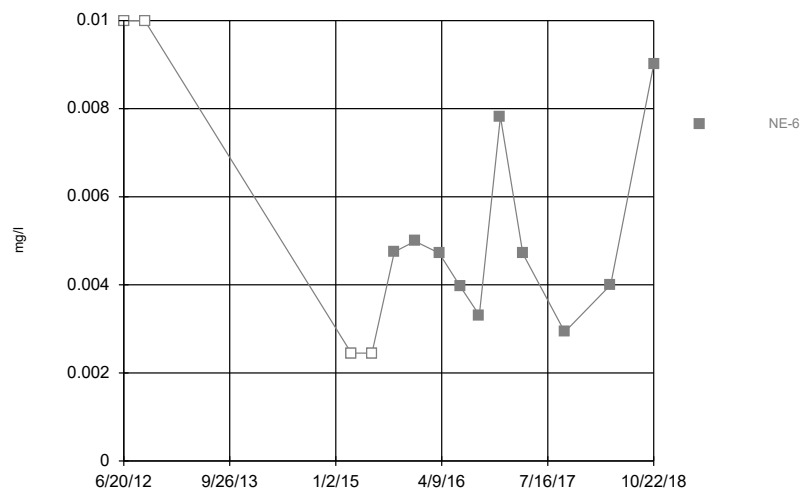
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Time Series



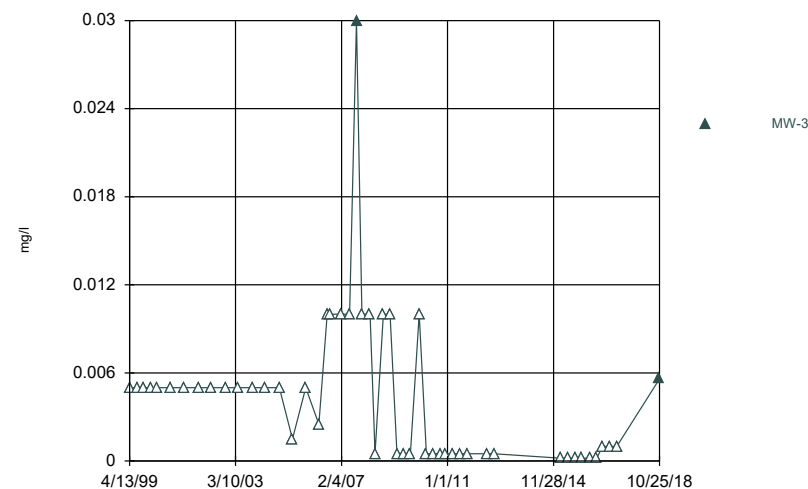
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Time Series



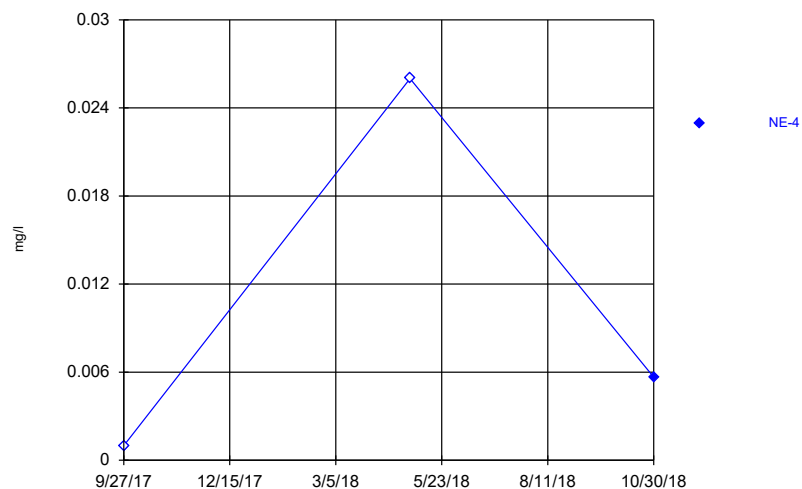
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Time Series



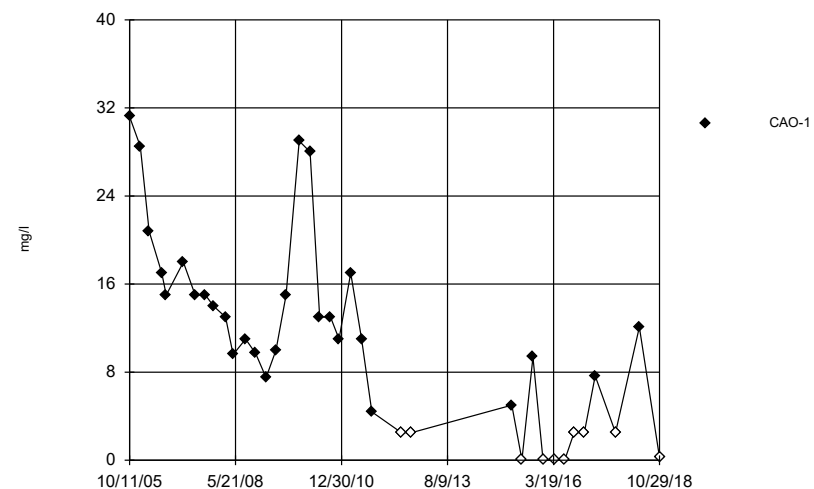
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Time Series



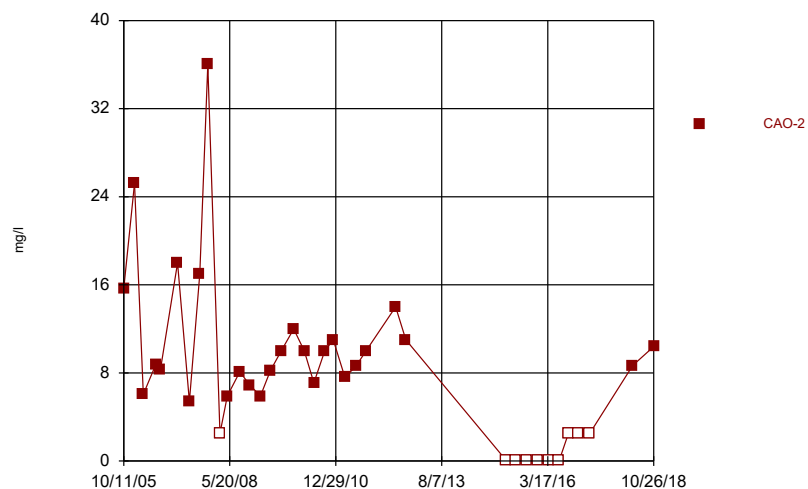
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Time Series



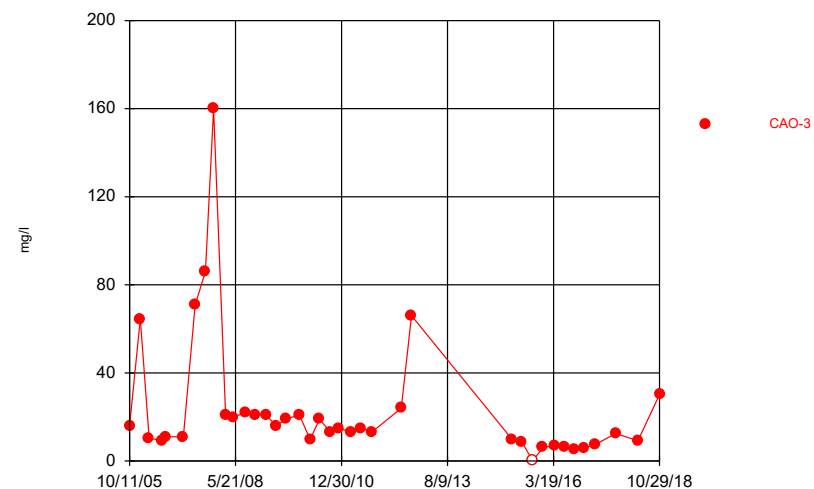
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Time Series



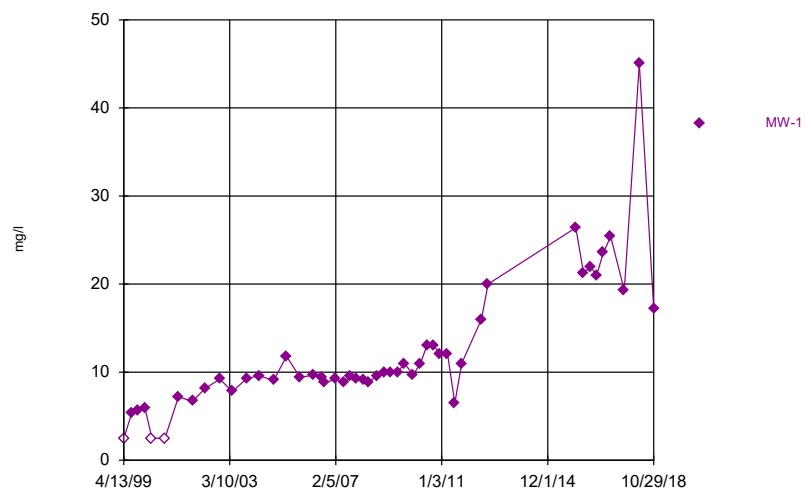
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Time Series

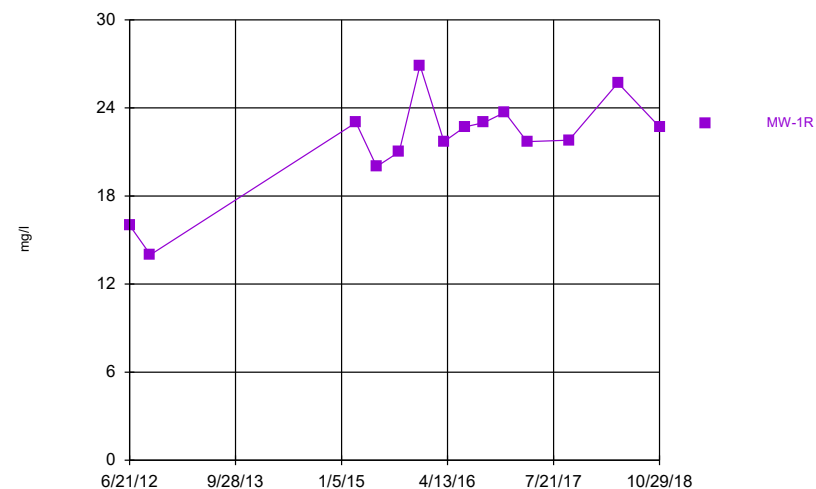


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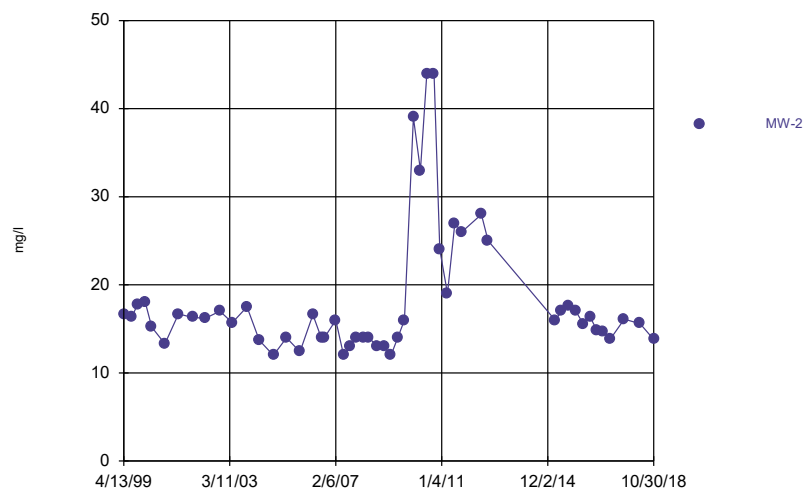
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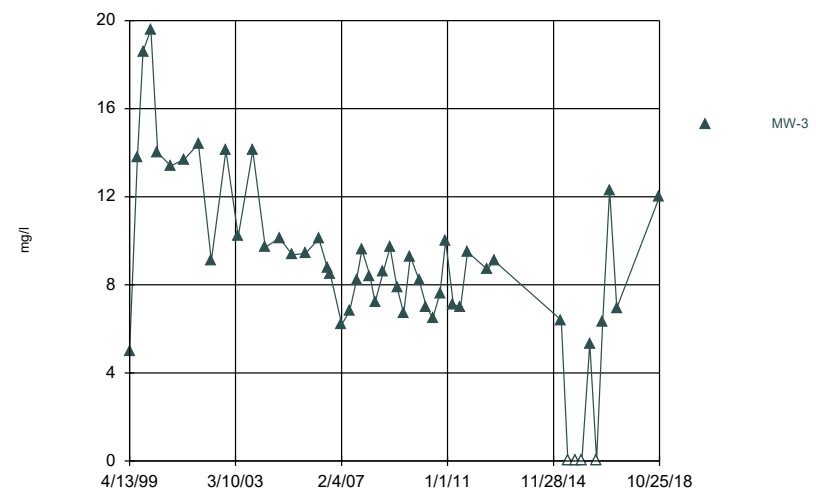
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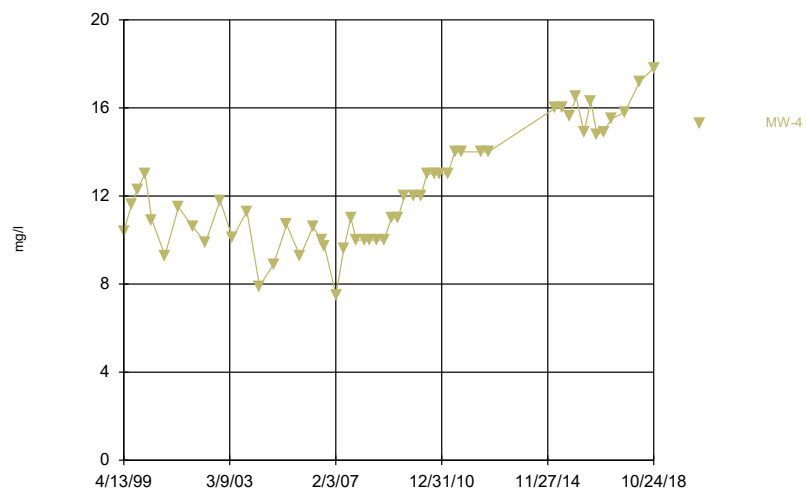
Time Series



Time Series

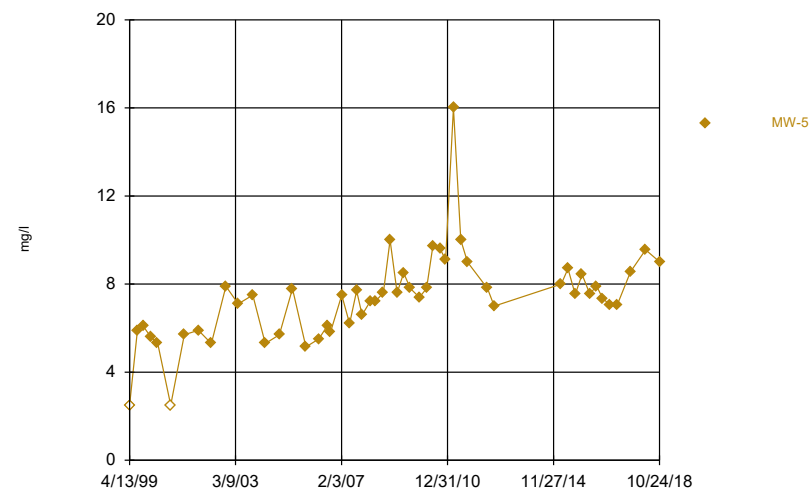


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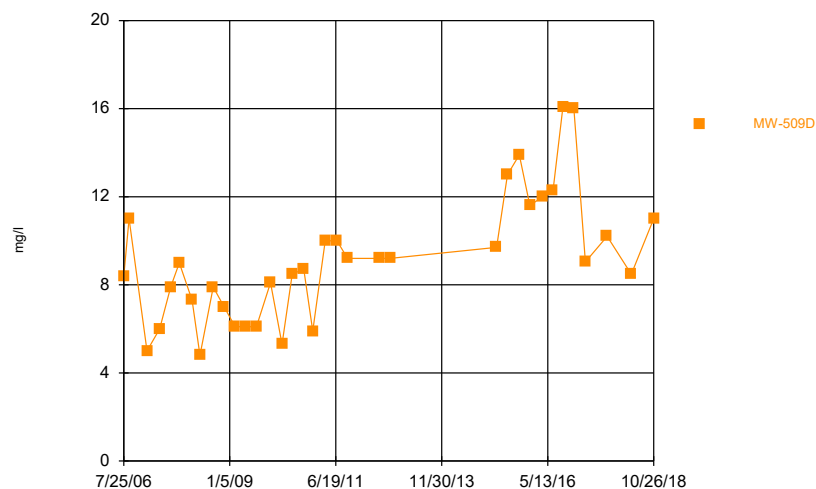
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Time Series



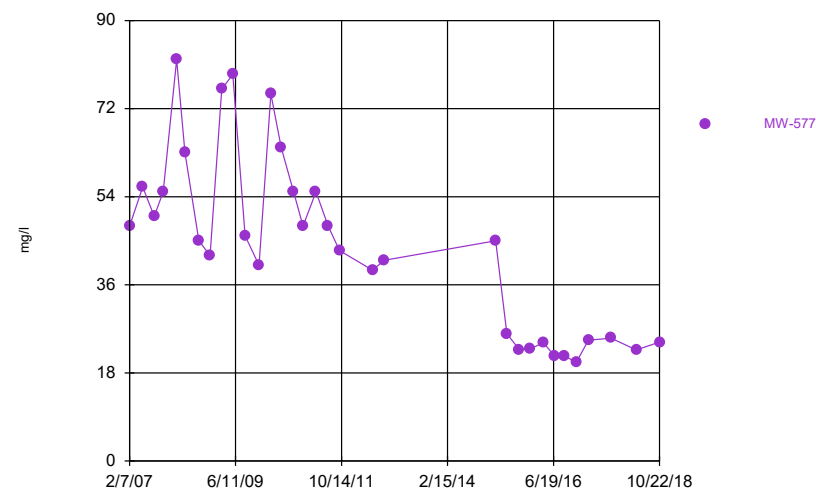
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Time Series



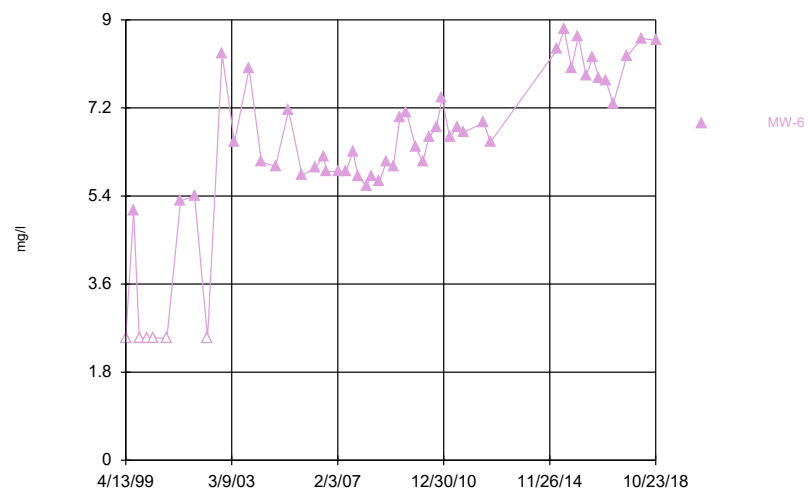
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Time Series



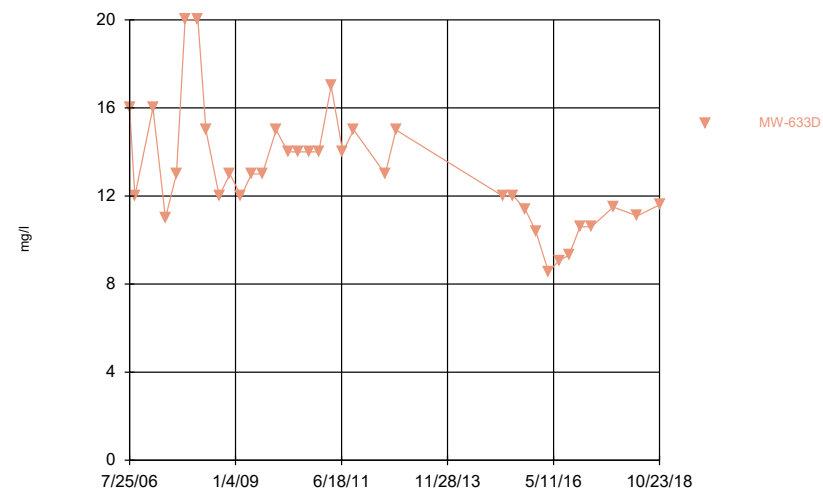
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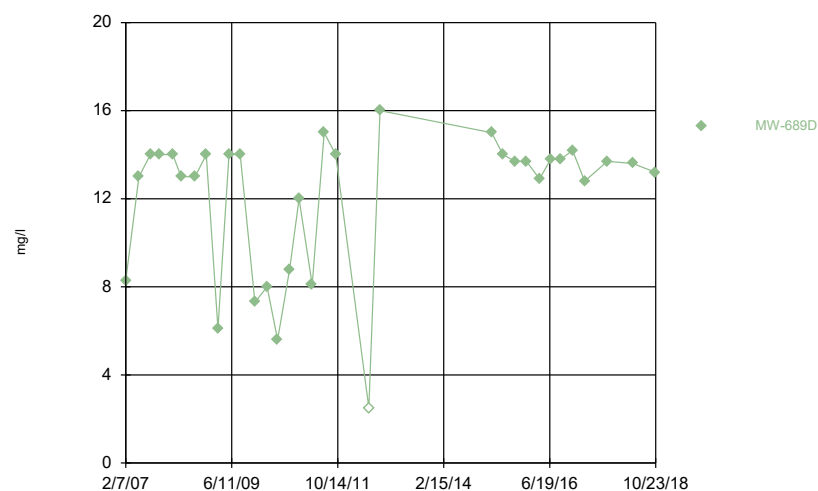
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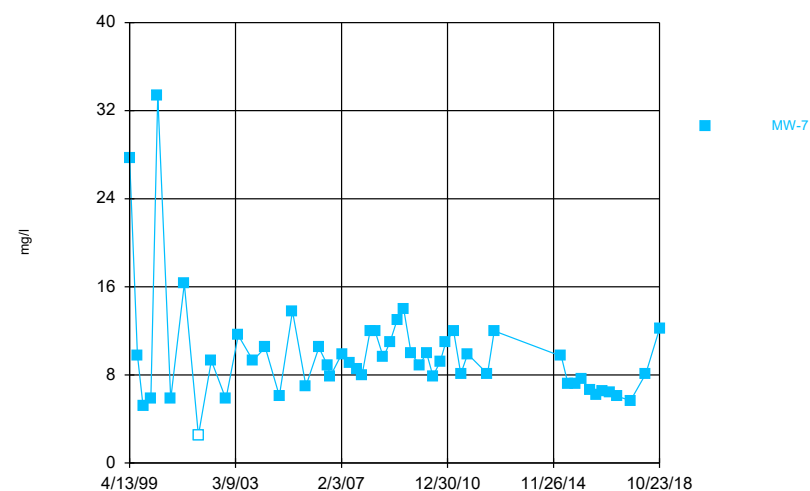
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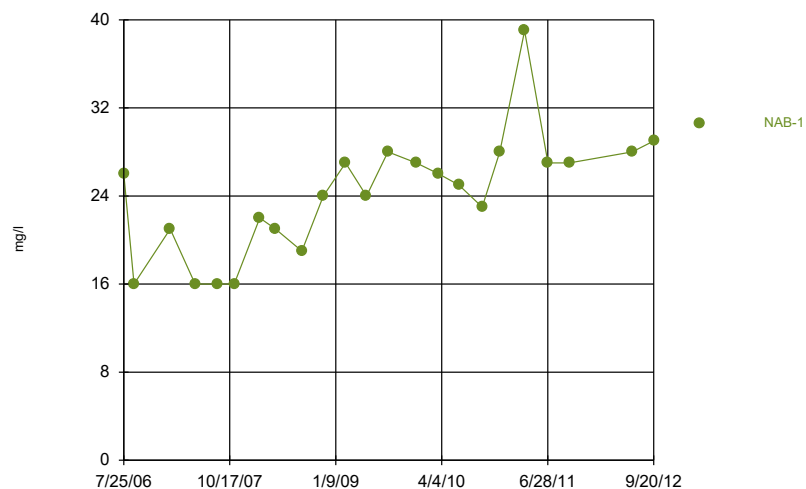
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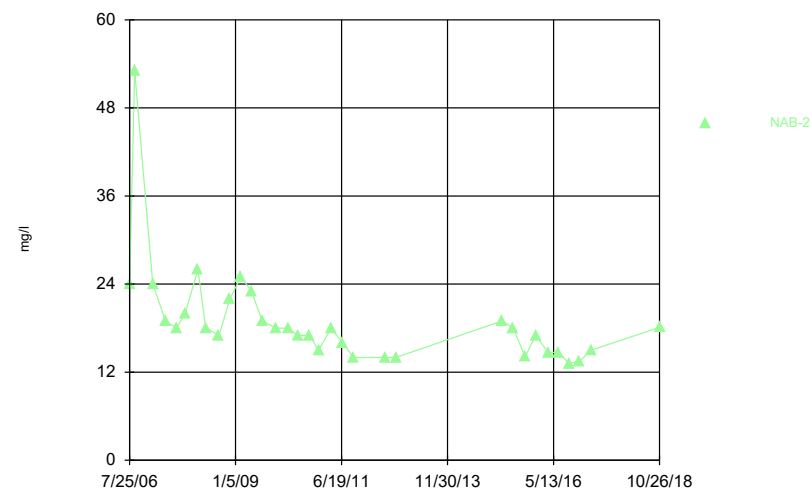
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Time Series



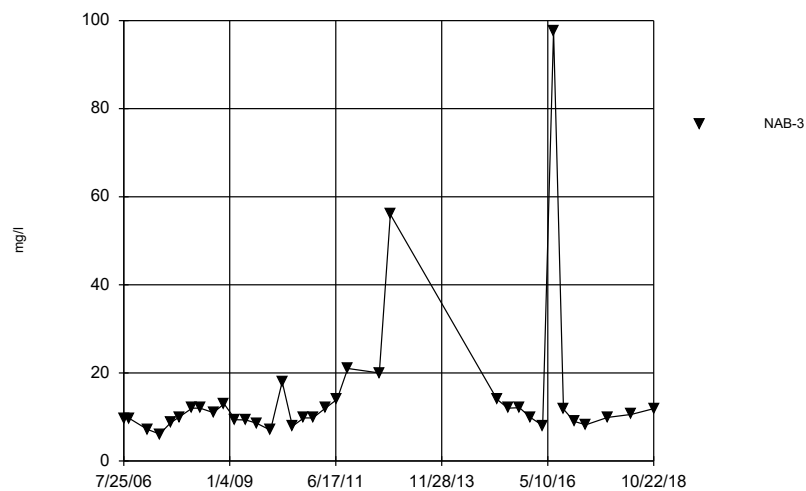
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Time Series



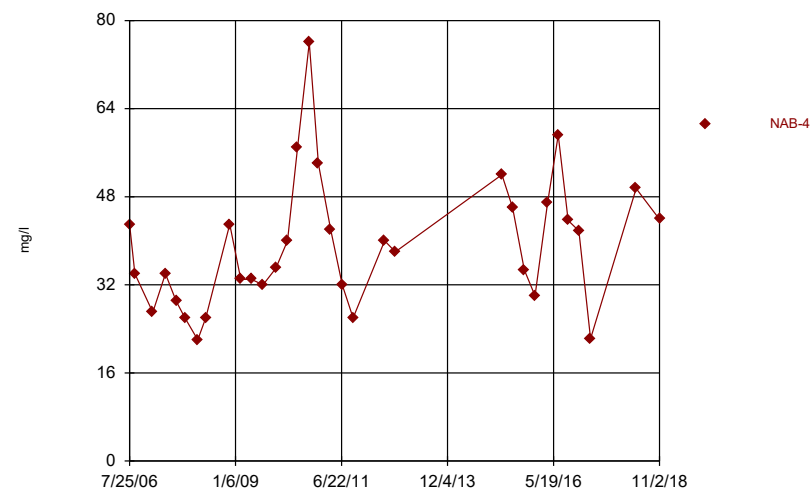
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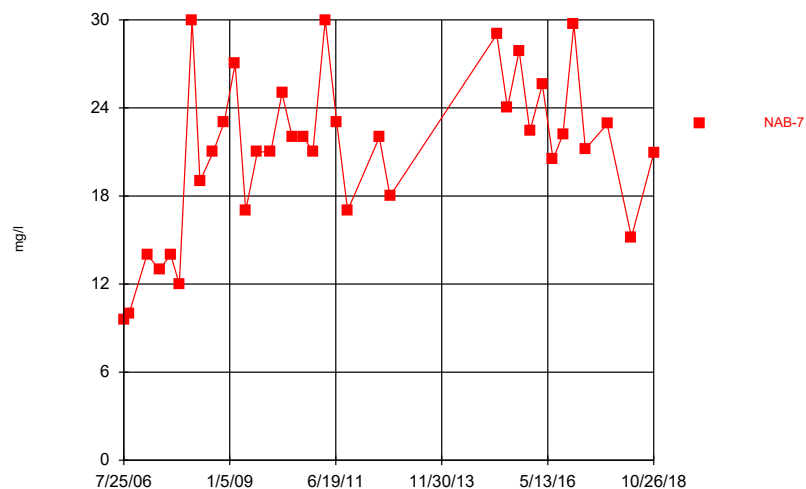
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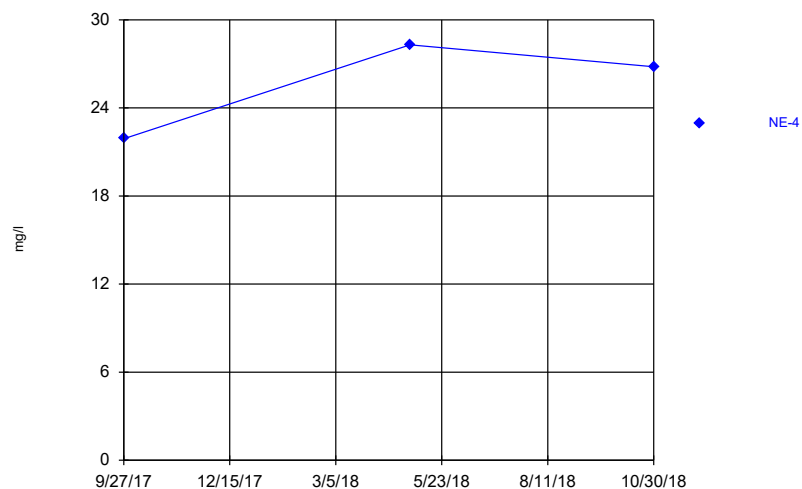


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Time Series

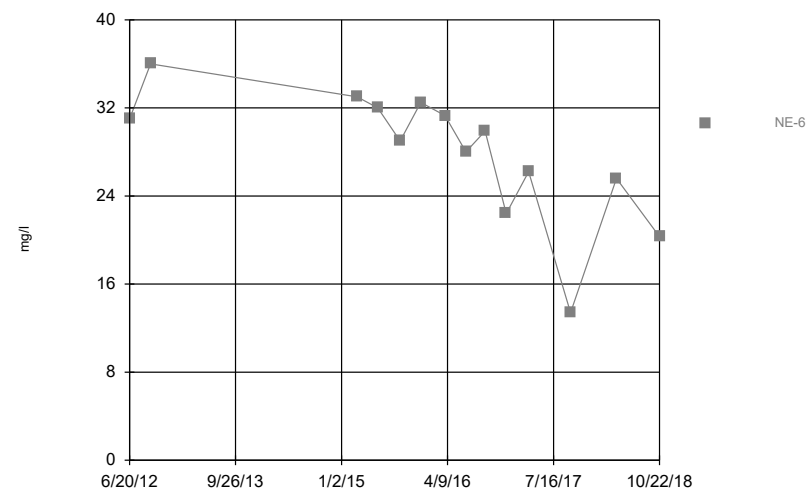


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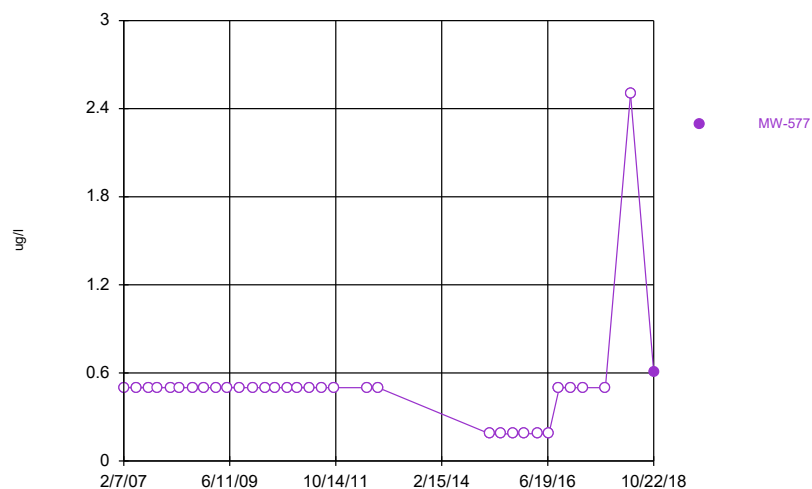
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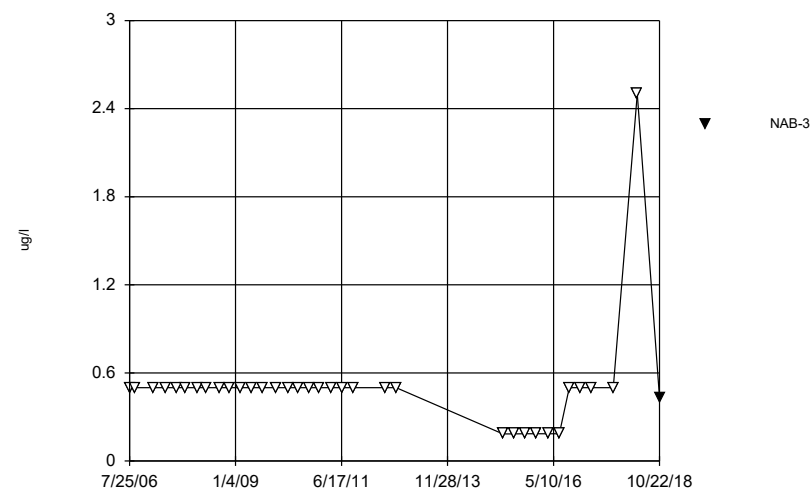
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Time Series



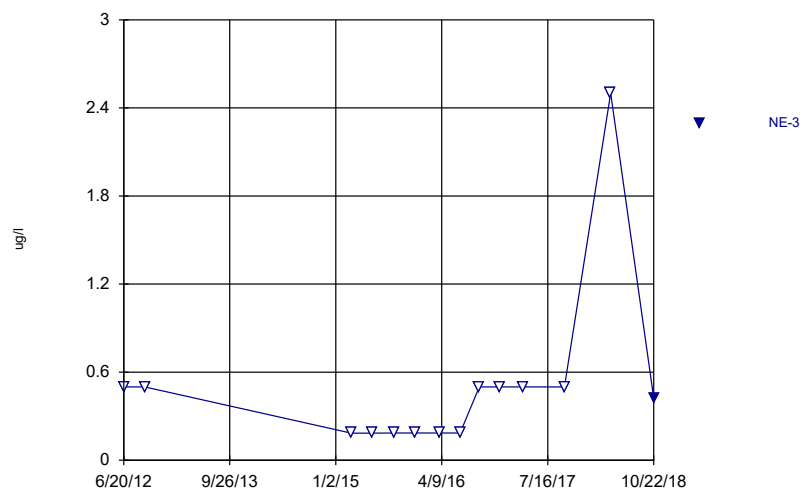
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



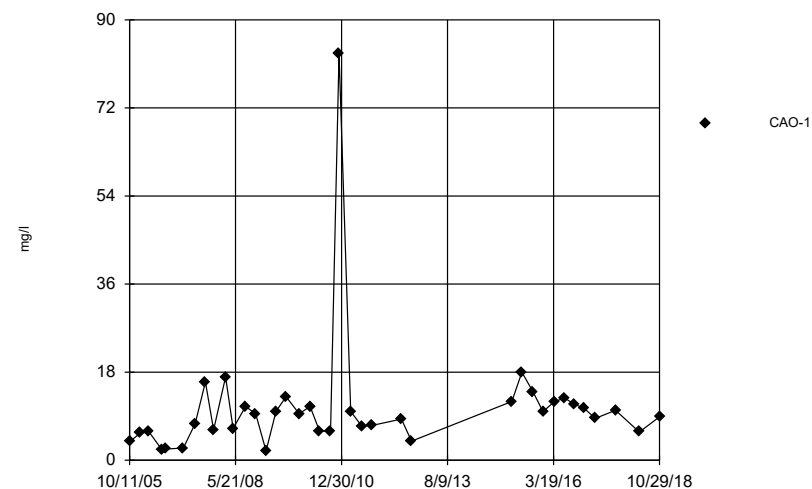
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Time Series



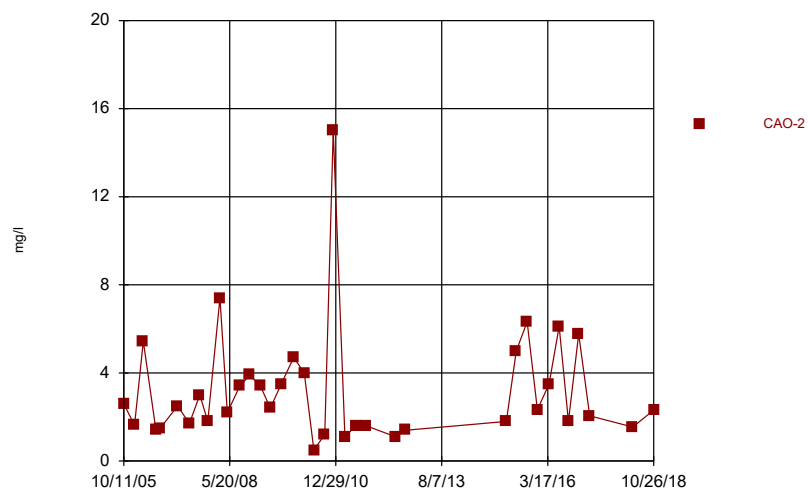
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Time Series



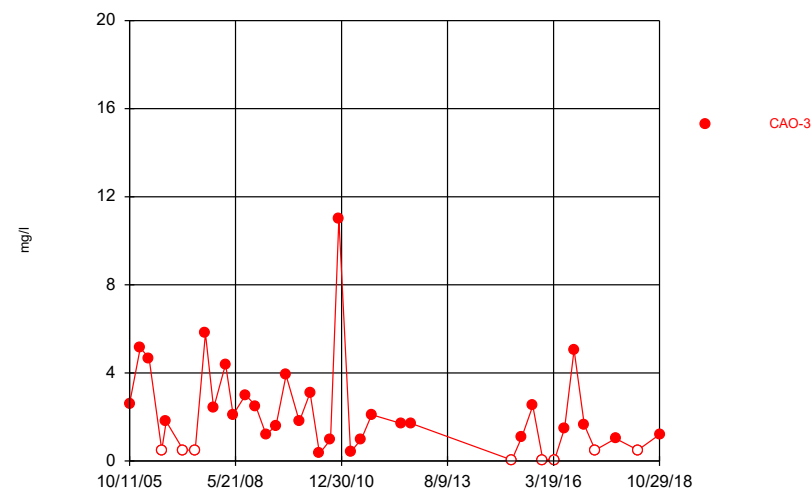
Constituent: TOC [Total Organic Carbon] Analysis Run 3/27/2019 12:10 PM View: Data through October 2
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



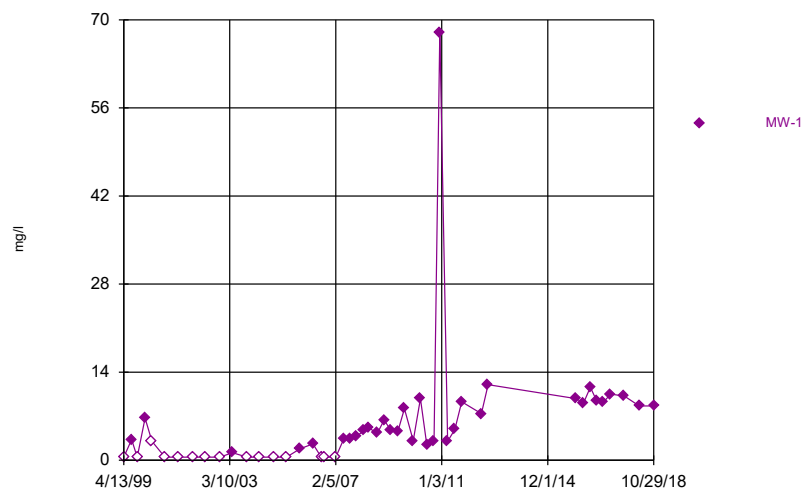
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Time Series

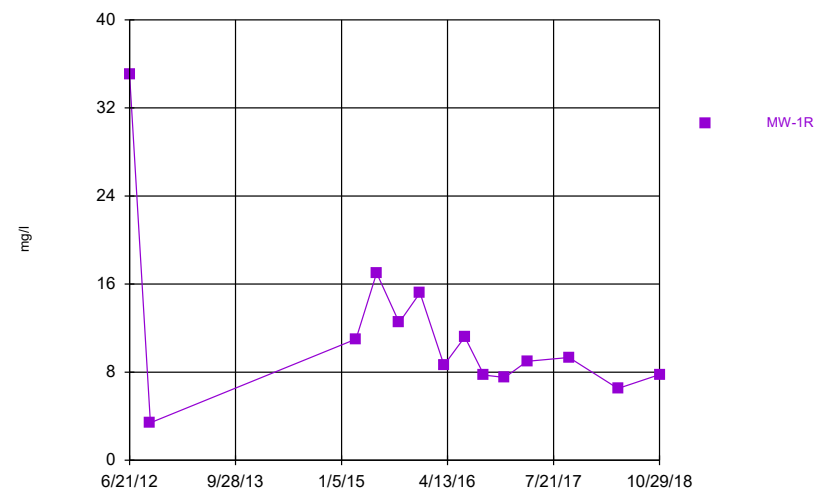


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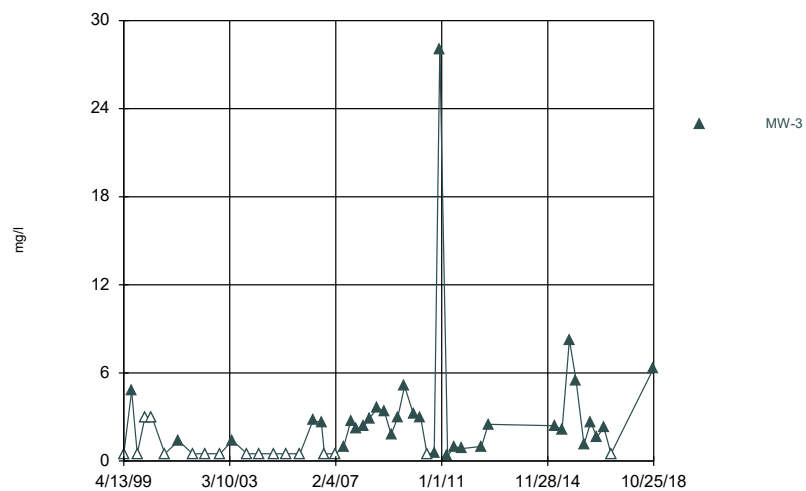
Time Series



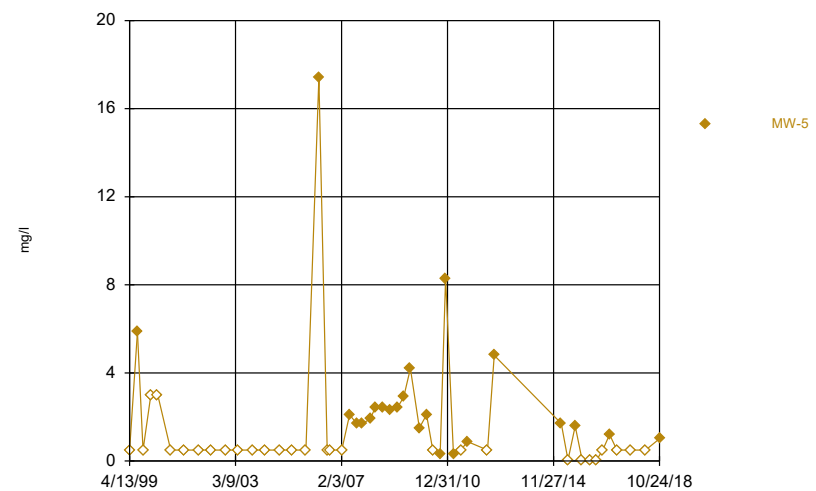
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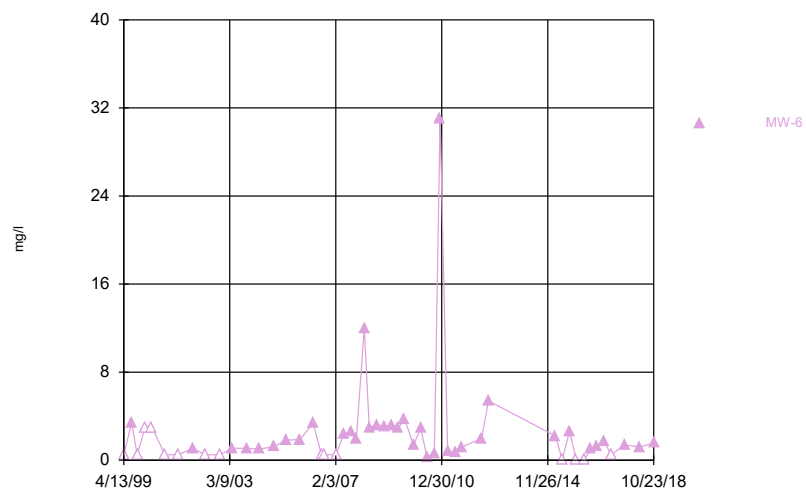
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Time Series

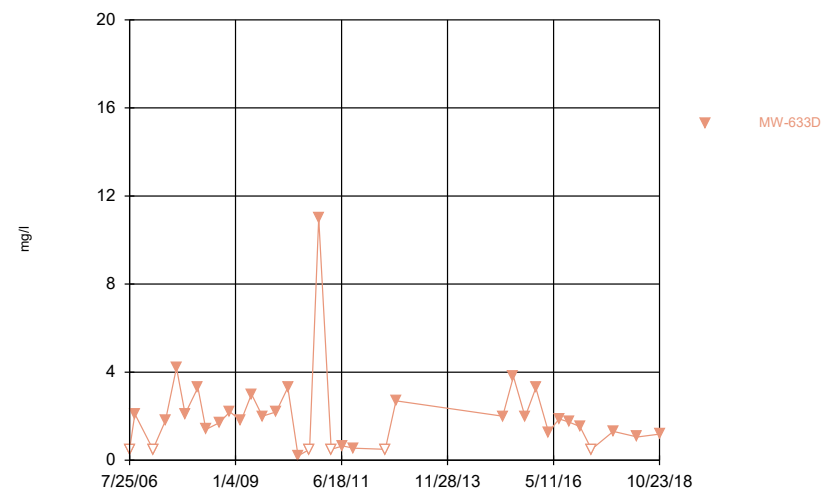


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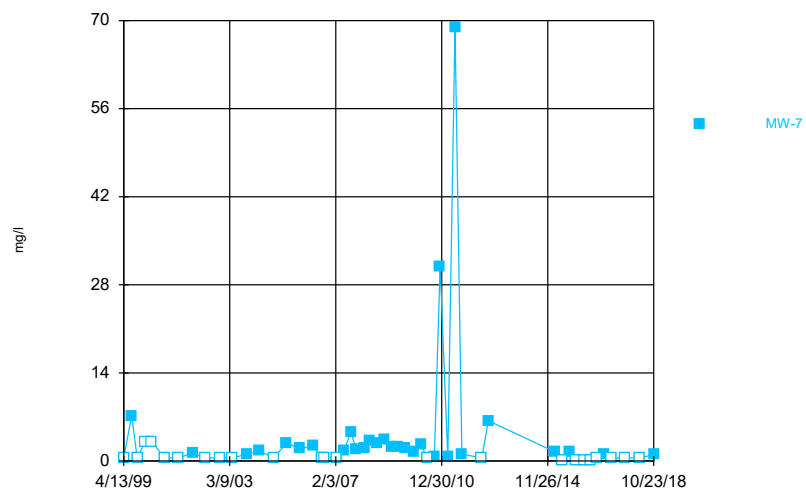
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Time Series



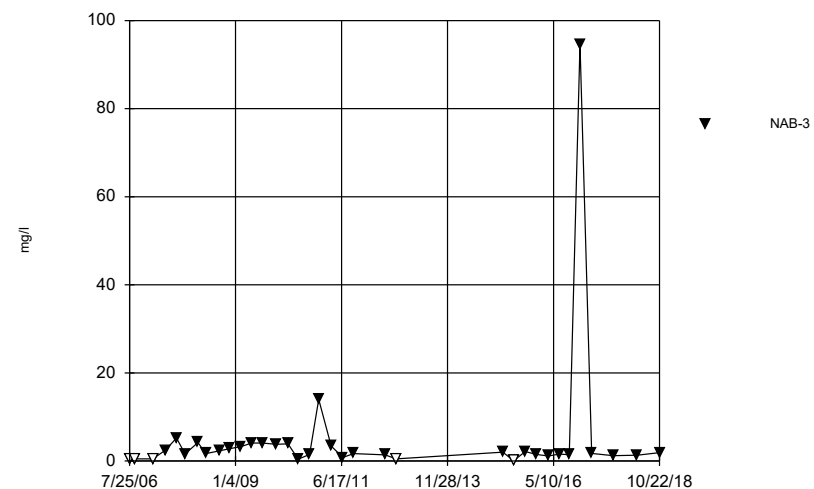
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Time Series



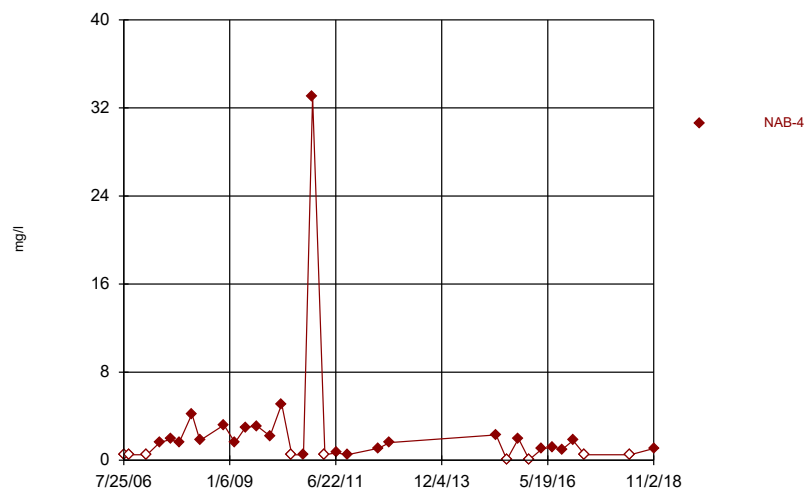
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Time Series

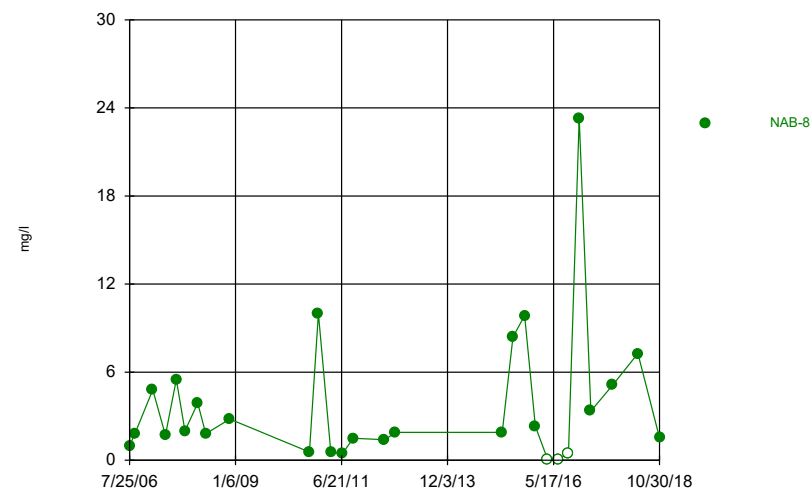


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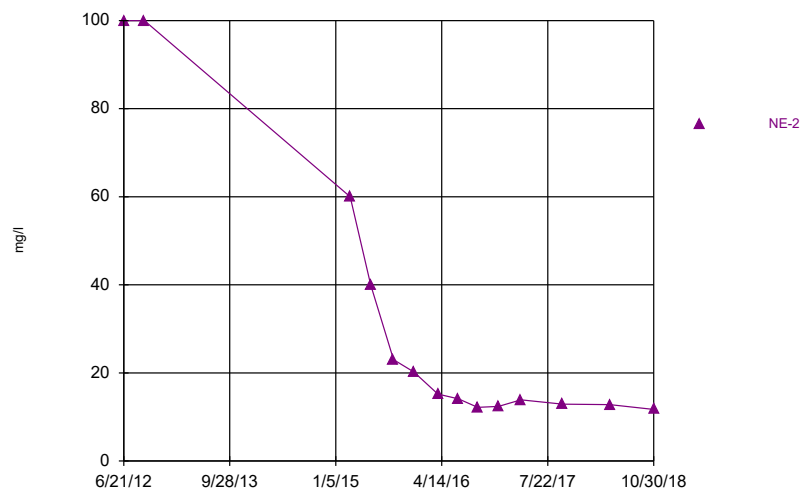
Time Series



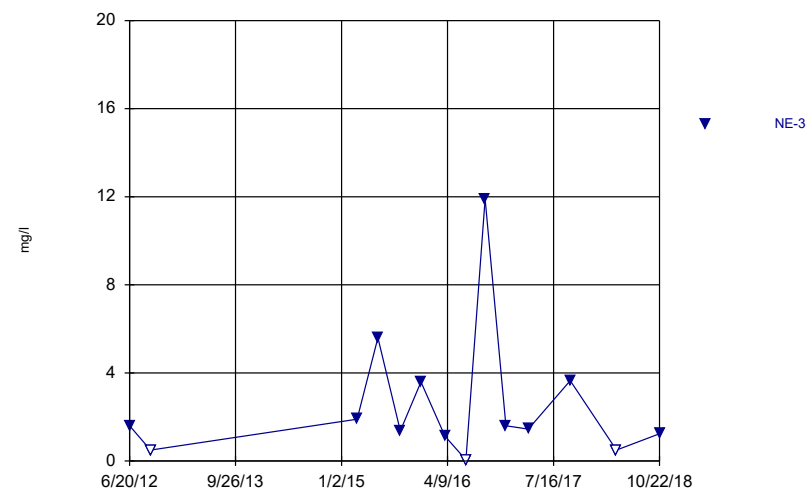
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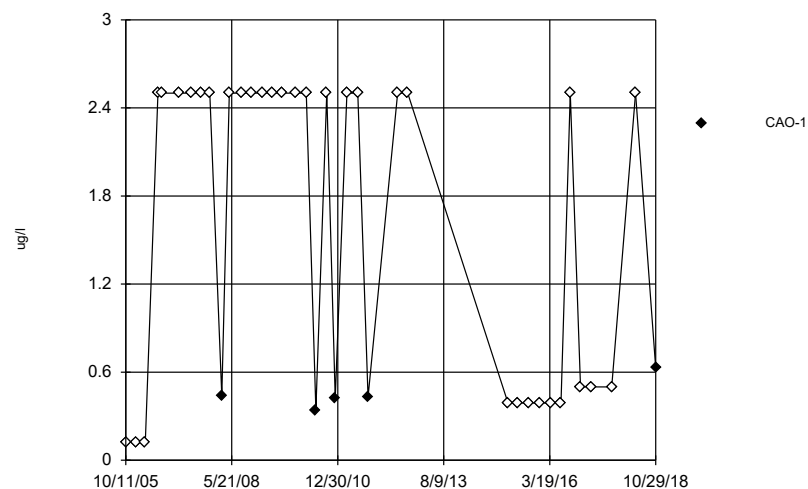
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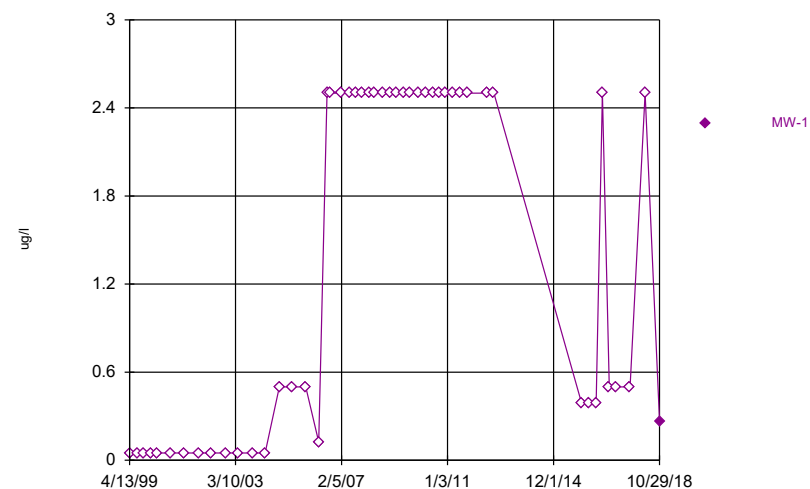
Time Series



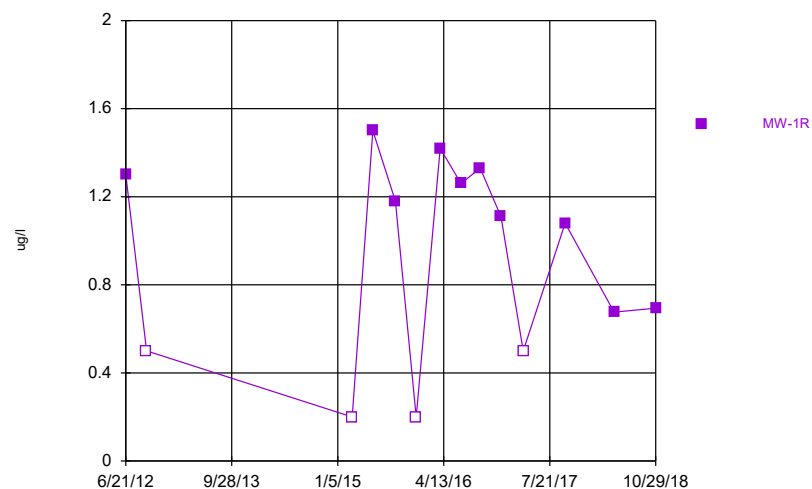
Time Series



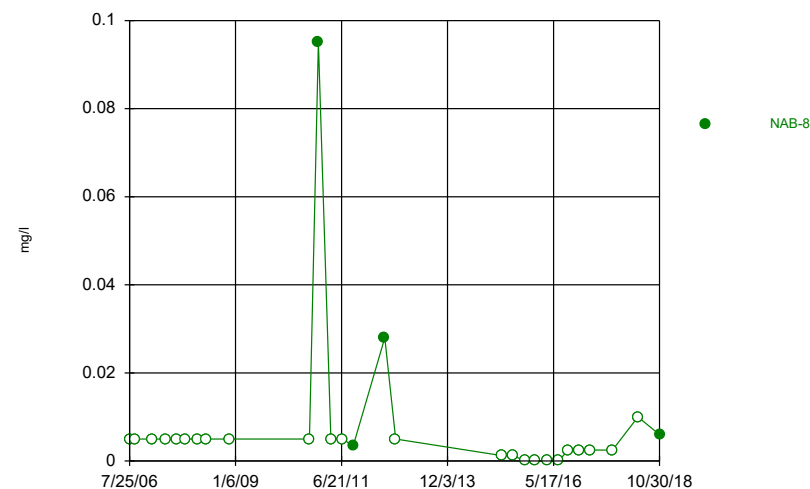
Time Series



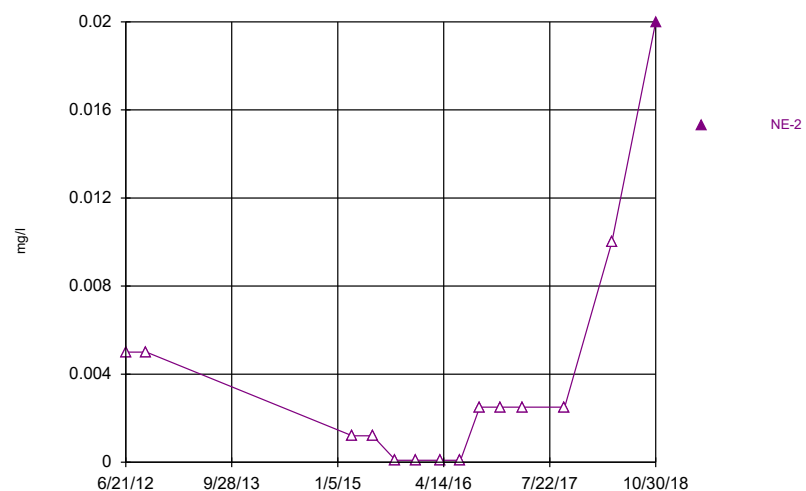
Time Series



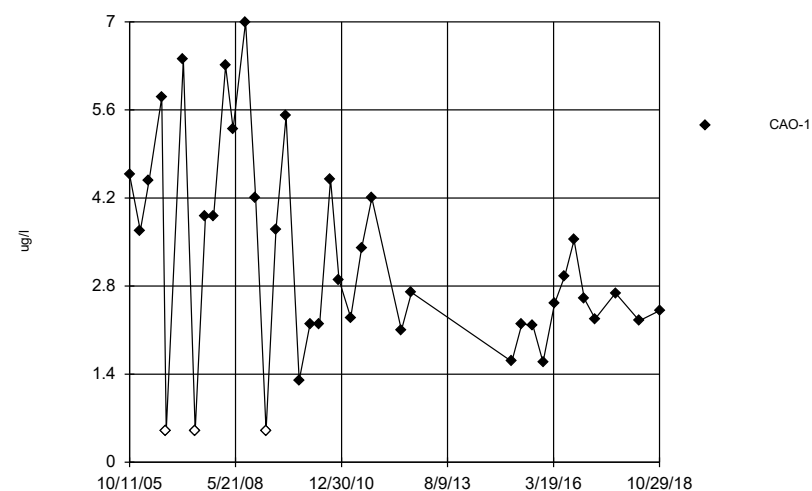
Time Series



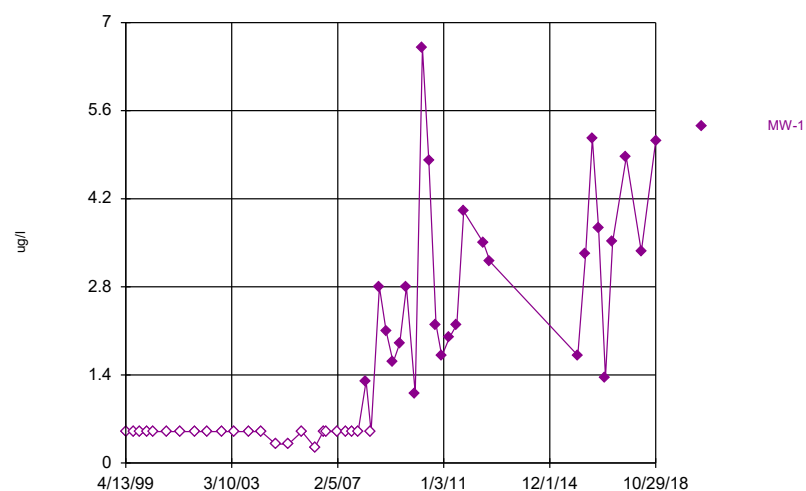
Time Series



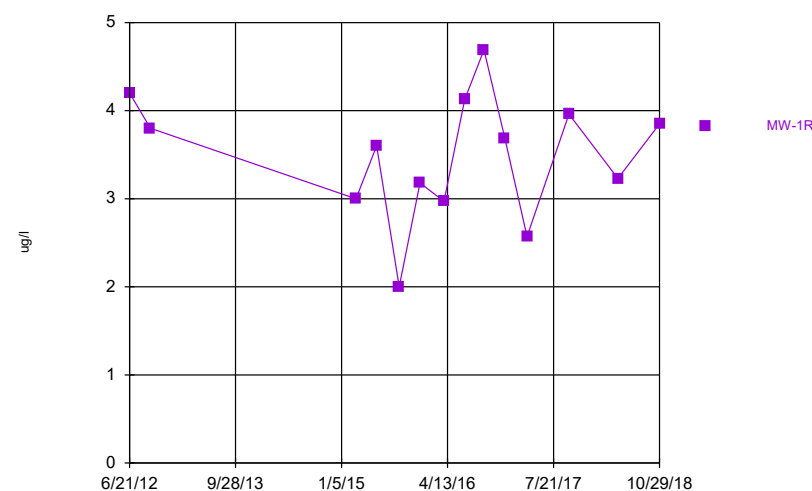
Time Series



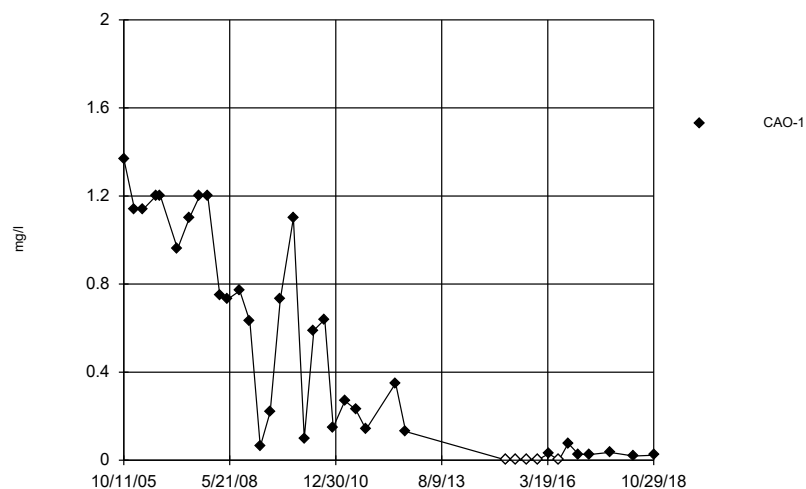
Time Series



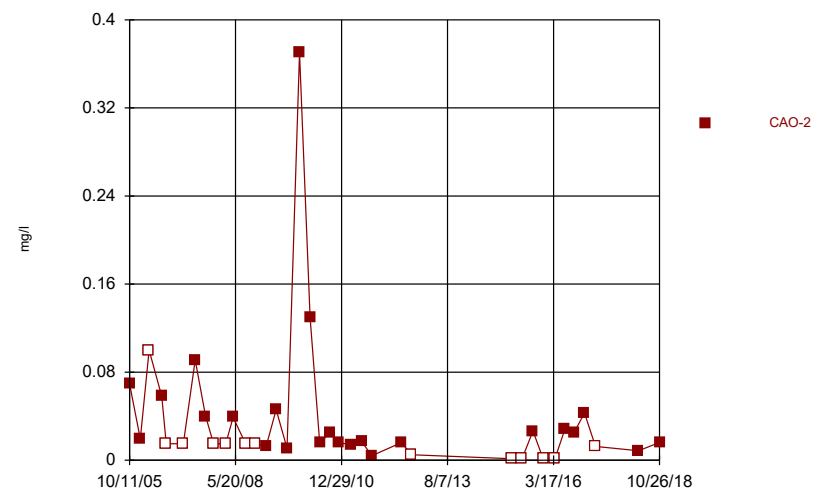
Time Series



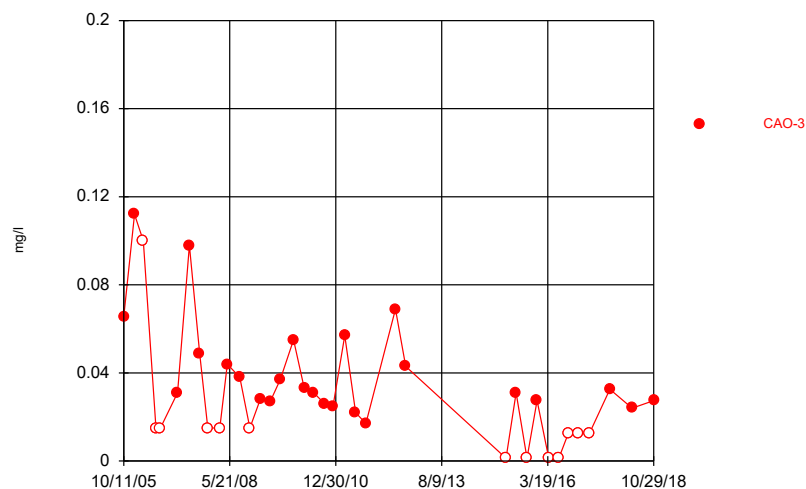
Time Series



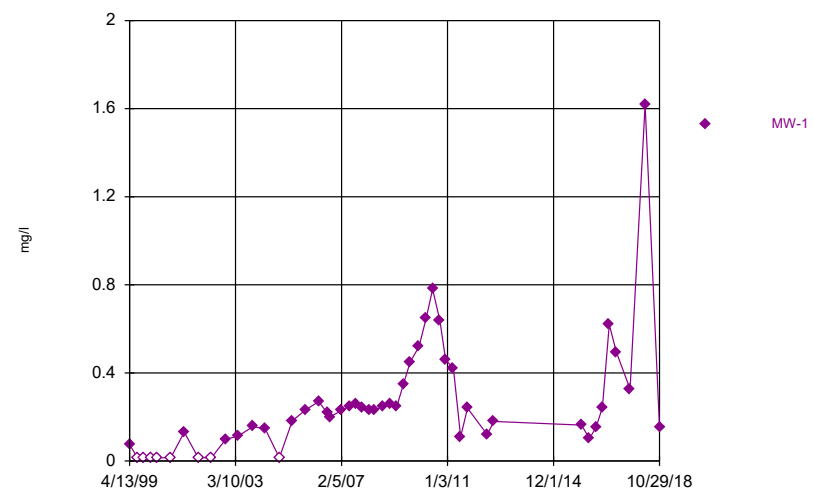
Time Series



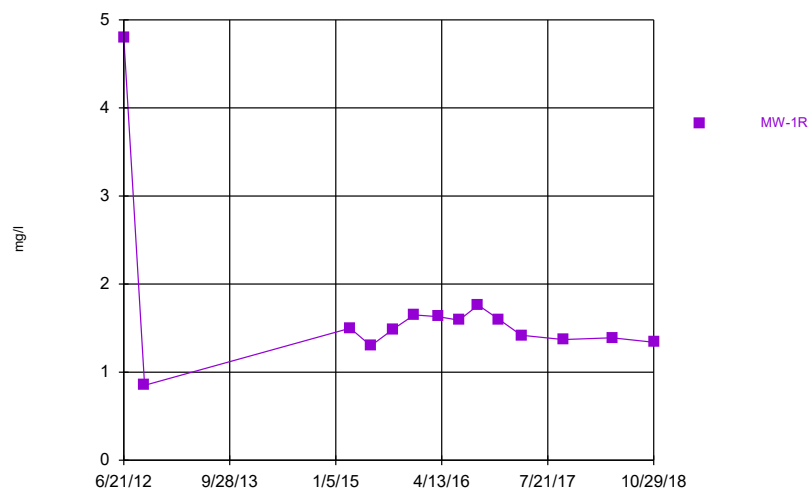
Time Series



Time Series

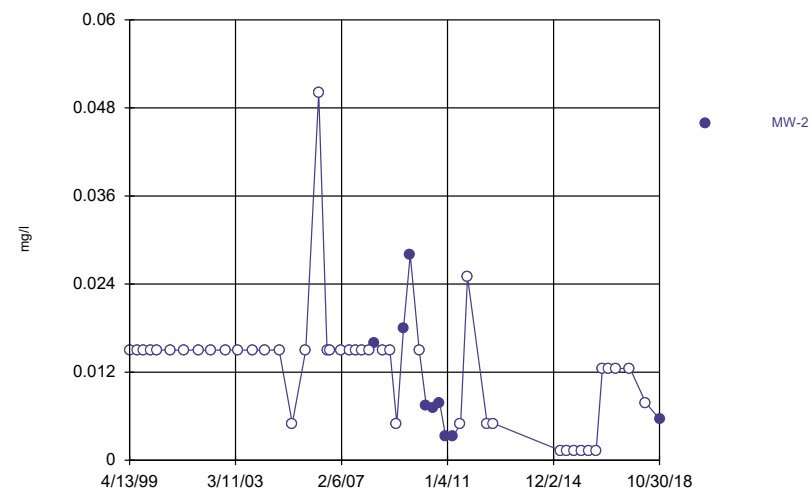


Time Series



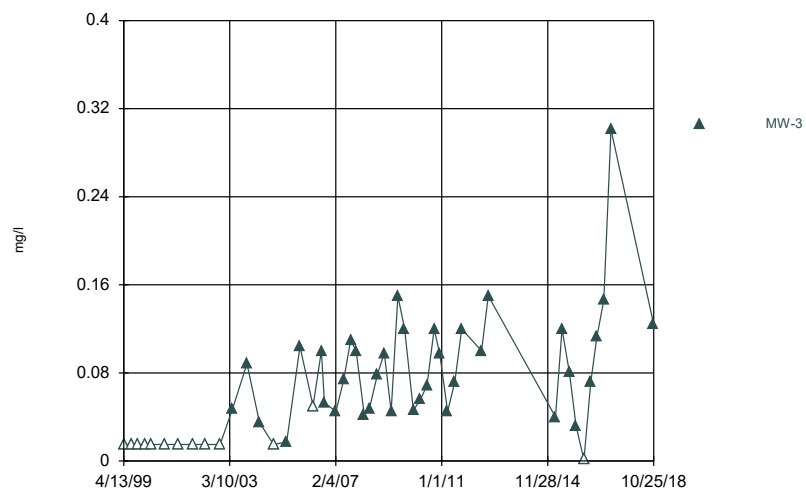
Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



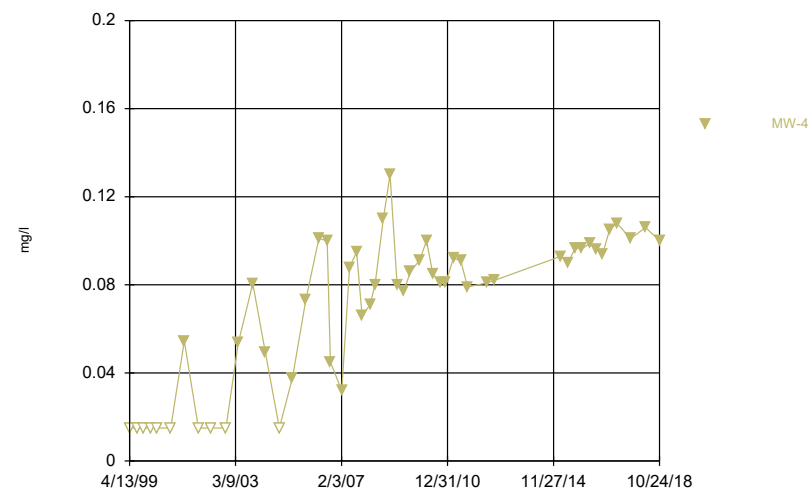
Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



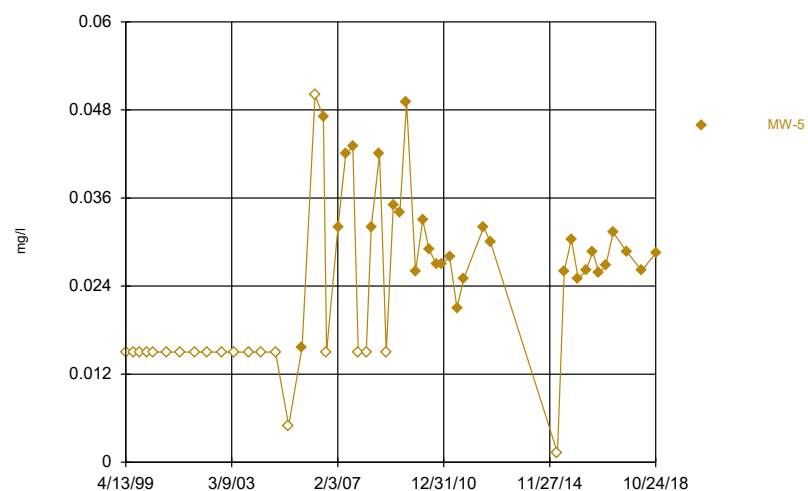
Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series

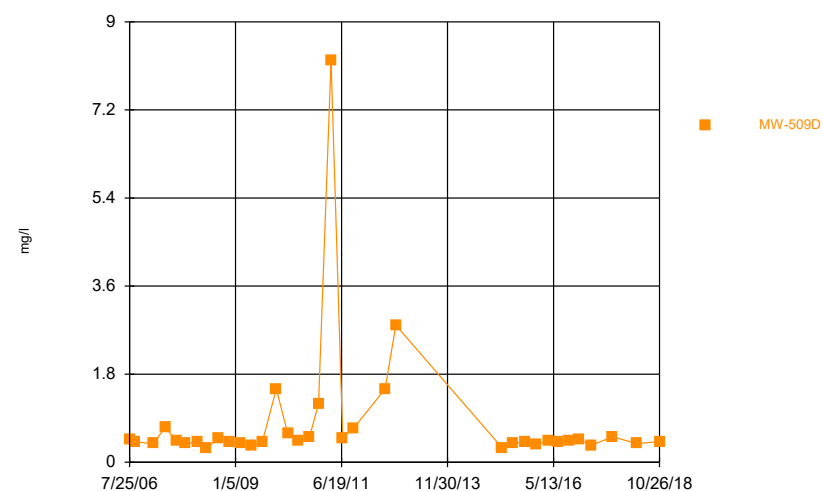


Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

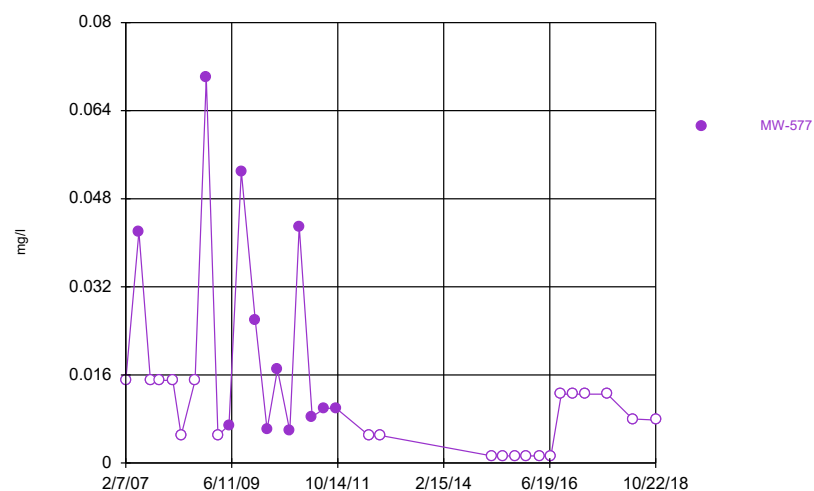
Time Series



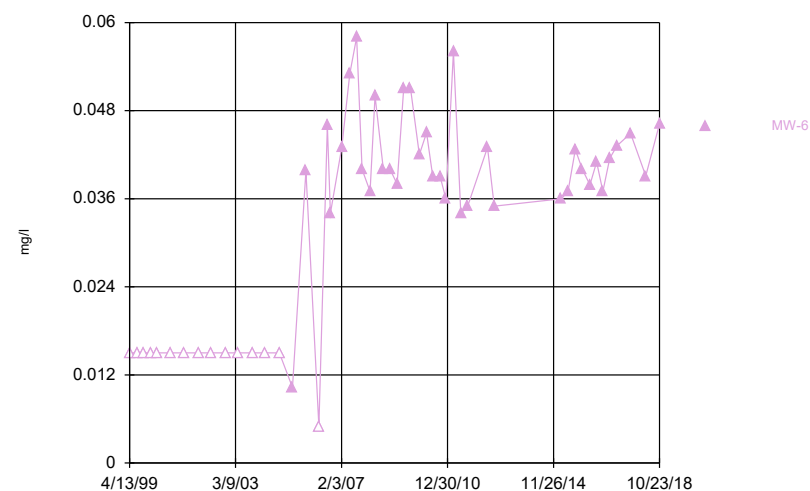
Time Series



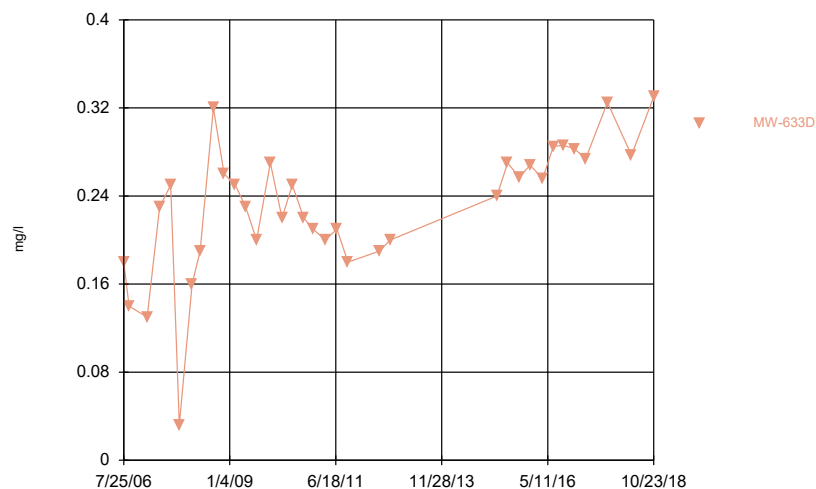
Time Series



Time Series

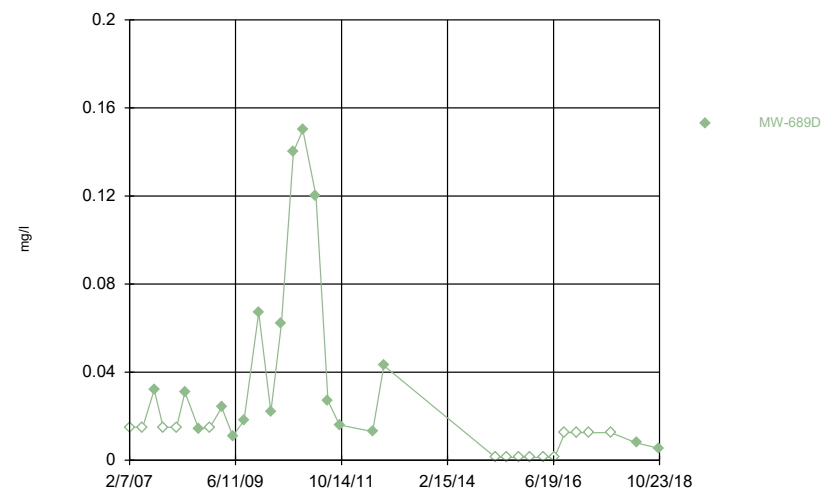


Time Series



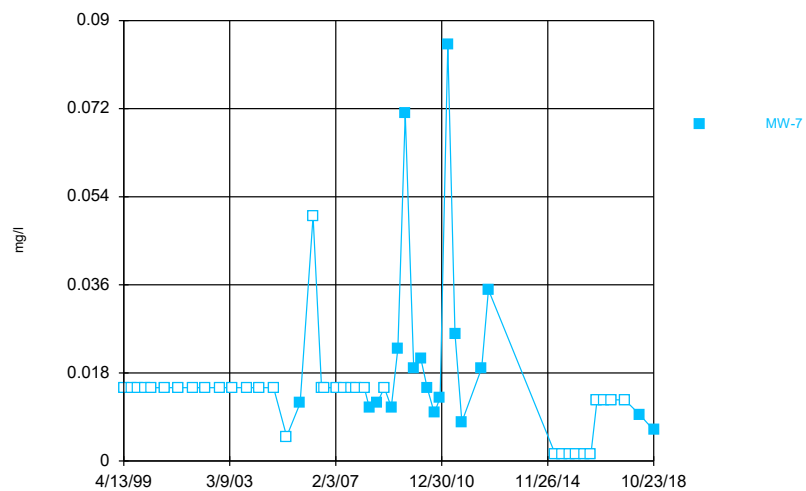
Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



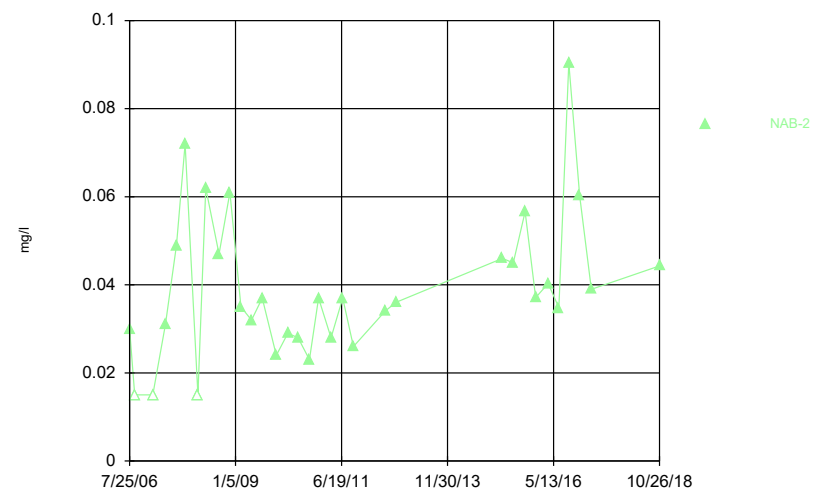
Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Time Series



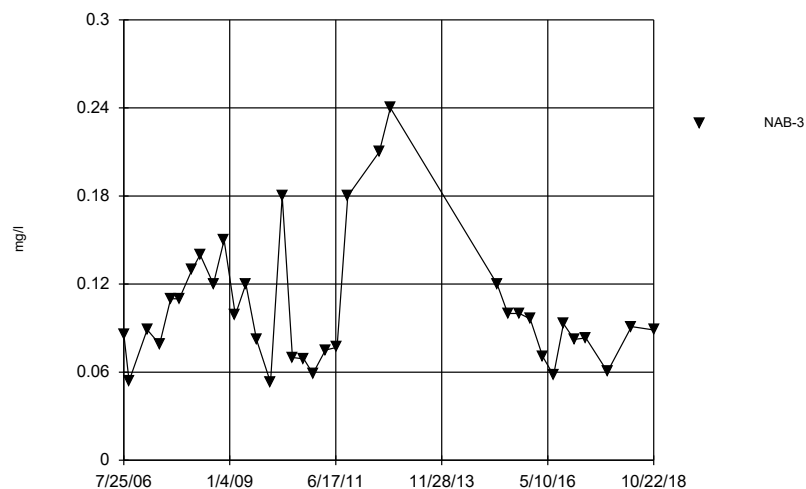
Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

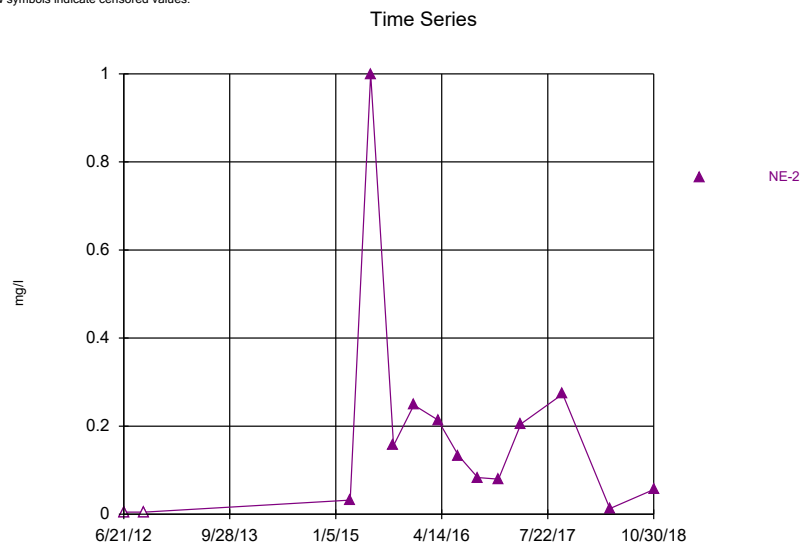
Time Series



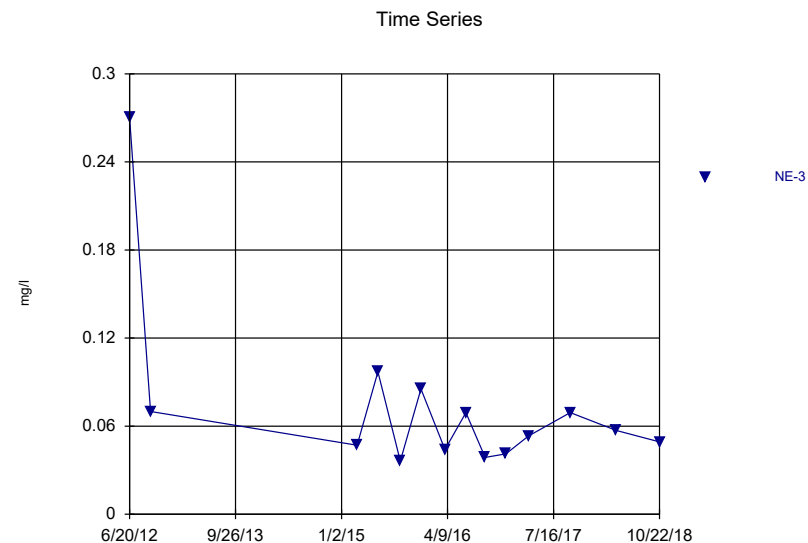
Constituent: Zinc Analysis Run 3/27/2019 12:11 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

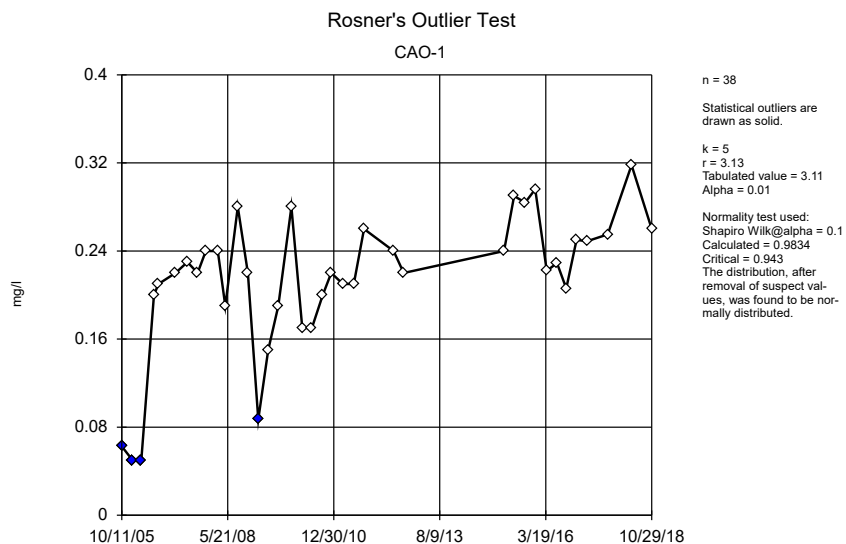
Time Series



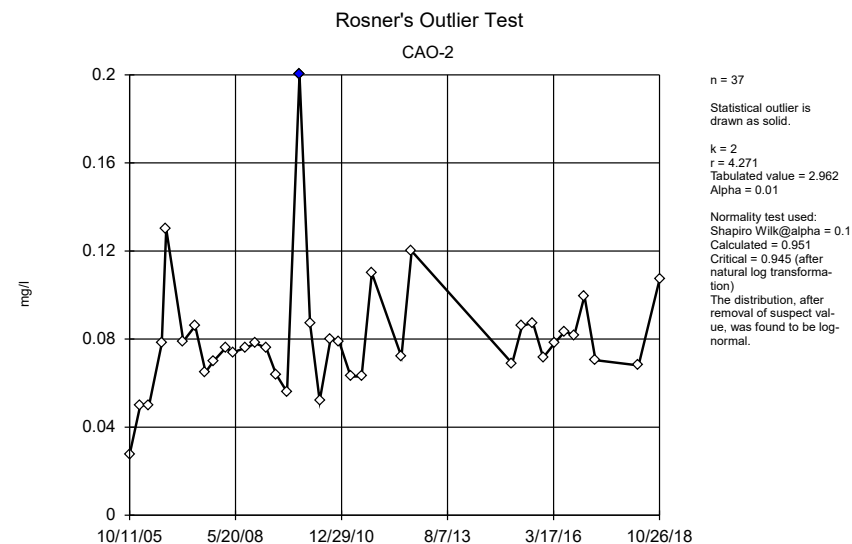


Constituent: Zinc Analysis Run 3/27/2019 12:12 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

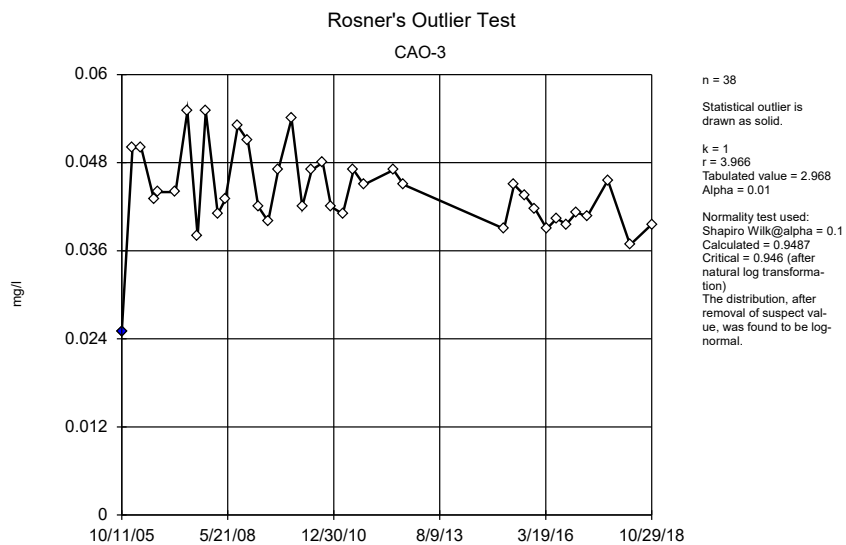




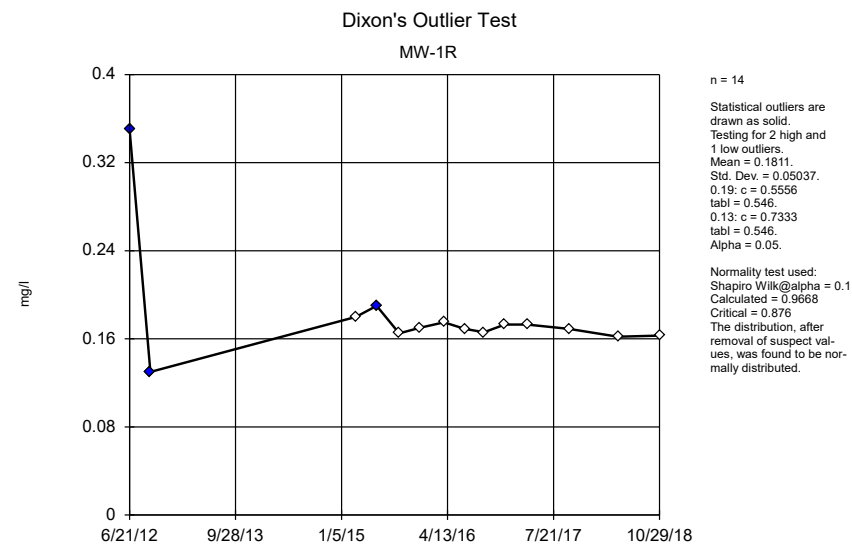
Constituent: Barium Analysis Run 3/27/2019 12:16 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Constituent: Barium Analysis Run 3/27/2019 12:16 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



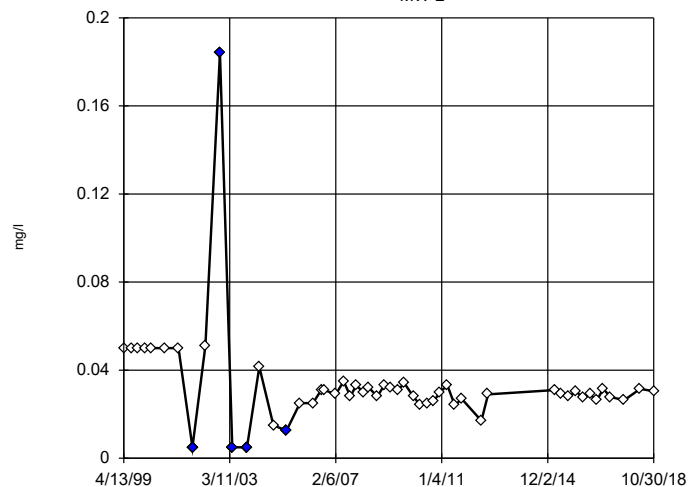
Constituent: Barium Analysis Run 3/27/2019 12:16 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Constituent: Barium Analysis Run 3/27/2019 12:16 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-2



n = 52

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

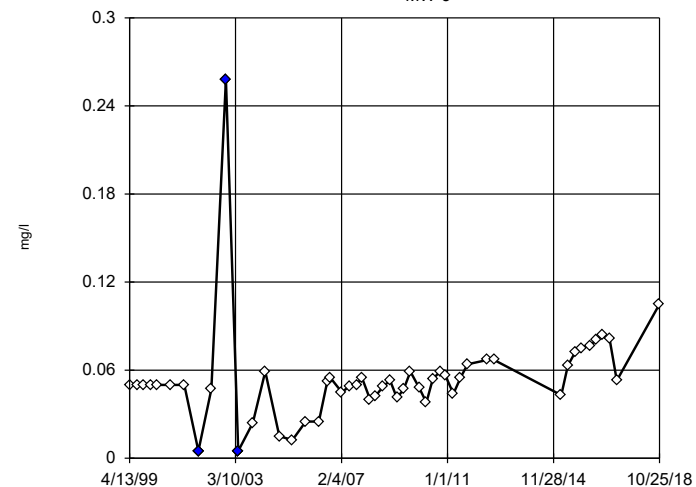
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06519,
 low cutoff = 0.01331,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:16 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-3



n = 50

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

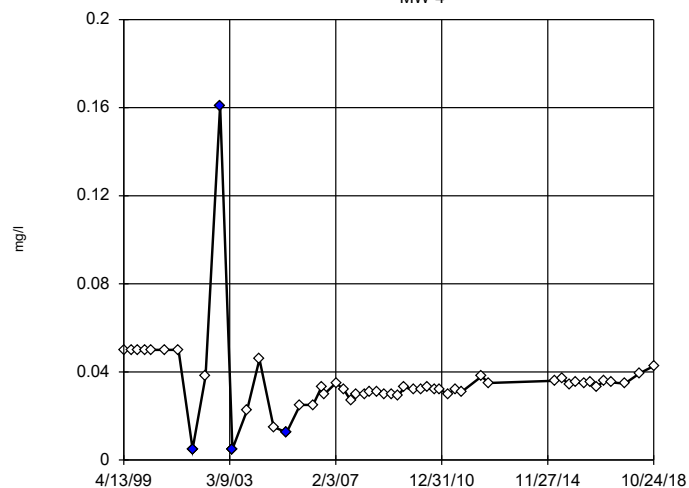
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1404,
 low cutoff = 0.01148,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-4



n = 52

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

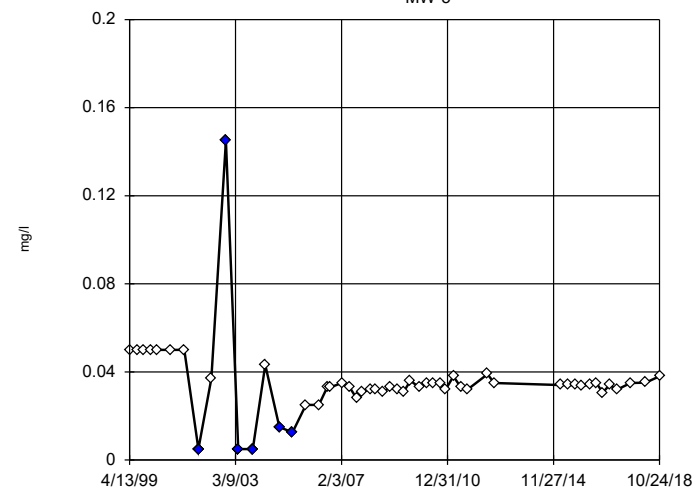
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06726,
 low cutoff = 0.01361,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-5



n = 52

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

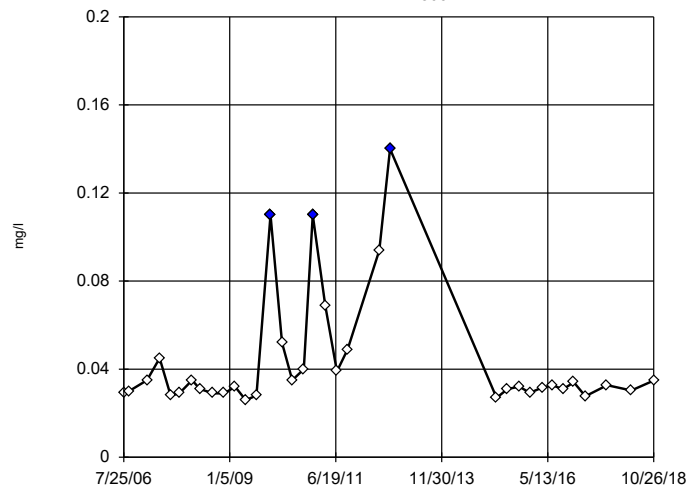
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05269,
 low cutoff = 0.0206,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-509D



n = 35

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

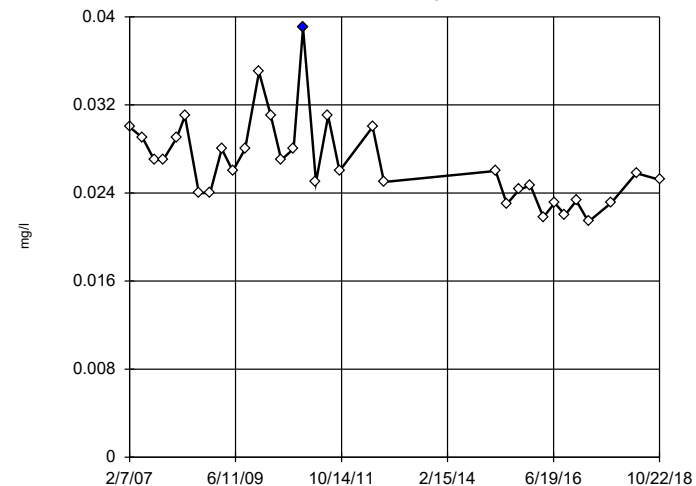
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.105, low cutoff = 0.01105, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-577



n = 33

Statistical outlier is drawn as solid.

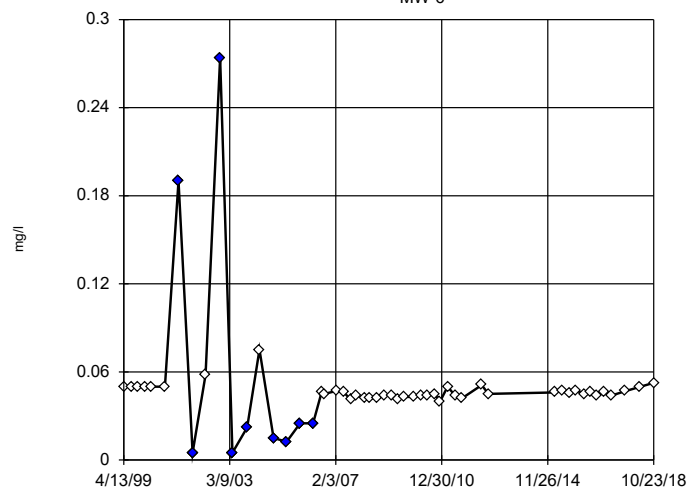
k = 1
r = 3.178
Tabulated value = 2.938
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9608
Critical = 0.941
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-6



n = 52

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

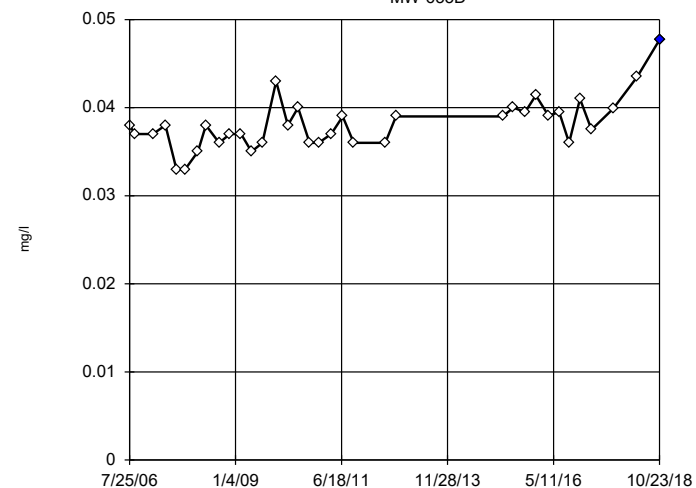
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08369, low cutoff = 0.02504, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-633D



n = 35

Statistical outlier is drawn as solid.

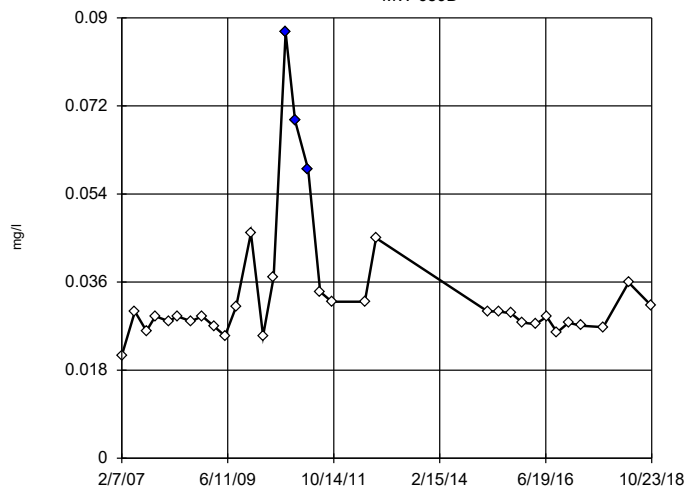
k = 1
r = 3.276
Tabulated value = 2.95
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9678
Critical = 0.943
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-689D



n = 33

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

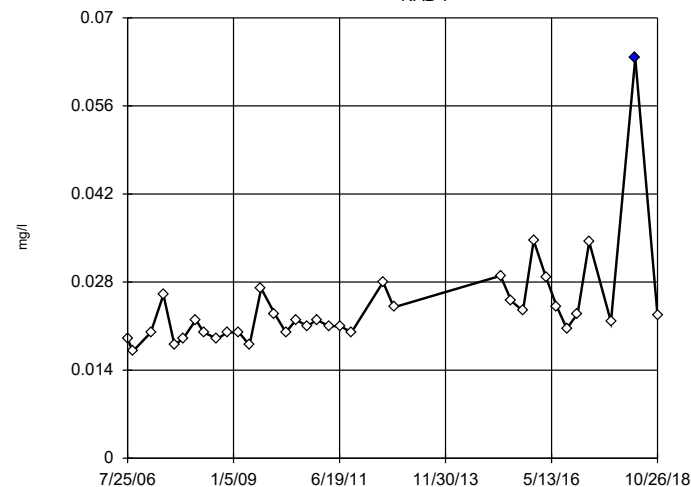
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0585,
low cutoff = 0.01536,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:17 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

NAB-7



n = 35

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

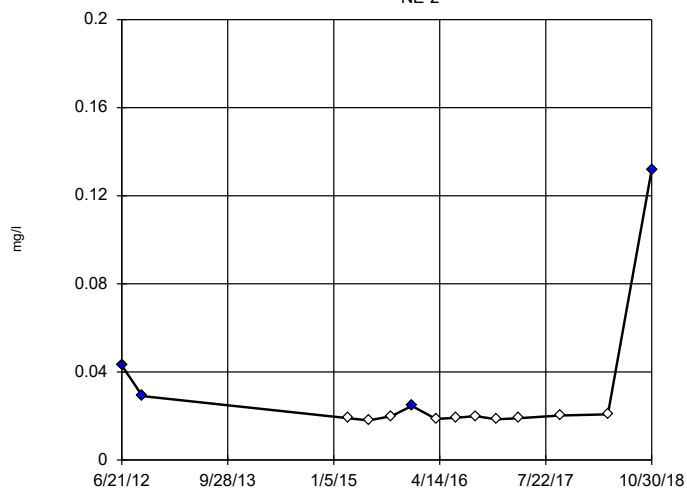
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04883,
low cutoff = 0.01024,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/27/2019 12:18 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

NE-2



n = 14

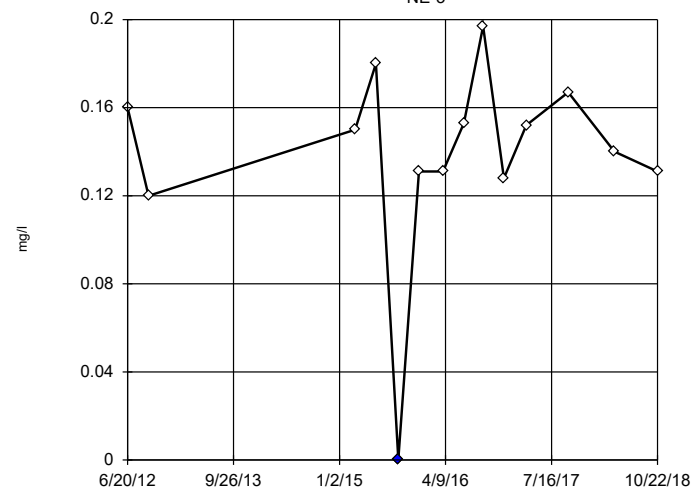
Statistical outliers are drawn as solid.
Testing for 4 high outliers.
Mean = 0.03011.
Std. Dev. = 0.03007.
0.0246; c = 0.7333
tab1 = 0.546.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9658
Critical = 0.869
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Barium Analysis Run 3/27/2019 12:18 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

NE-3



n = 14

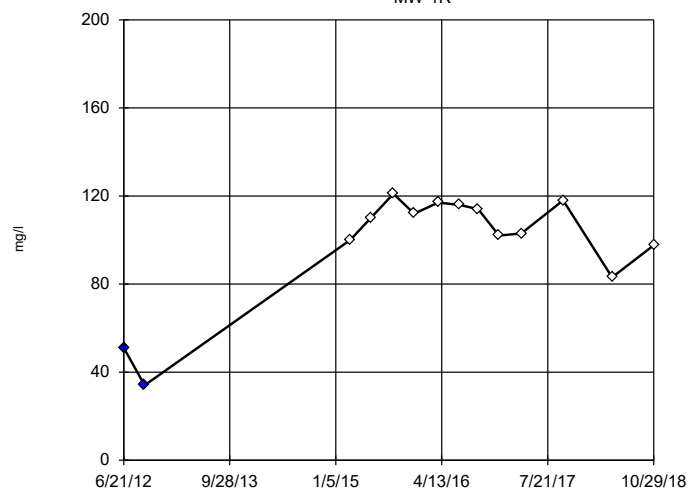
Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.1386.
Std. Dev. = 0.04532.
<0.00036; c = 0.7662
tab1 = 0.546.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9329
Critical = 0.889
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 3/27/2019 12:18 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

MW-1R



n = 14

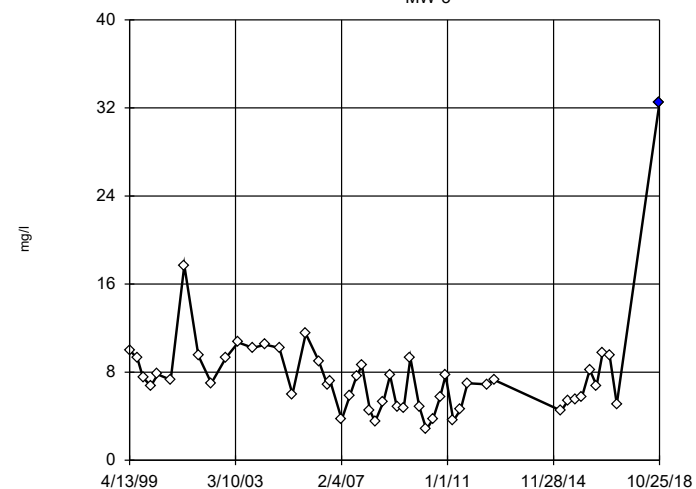
Statistical outliers are drawn as solid.
Testing for 3 low outliers.
Mean = 98.48.
Std. Dev. = 25.99.
83.1: c = 0.4985
tab1 = 0.546.
Alpha = 0.05.
51: c = 0.7061
tab1 = 0.546.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9165
Critical = 0.883
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Chloride Analysis Run 3/27/2019 12:19 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-3



n = 50

Statistical outlier is drawn as solid.

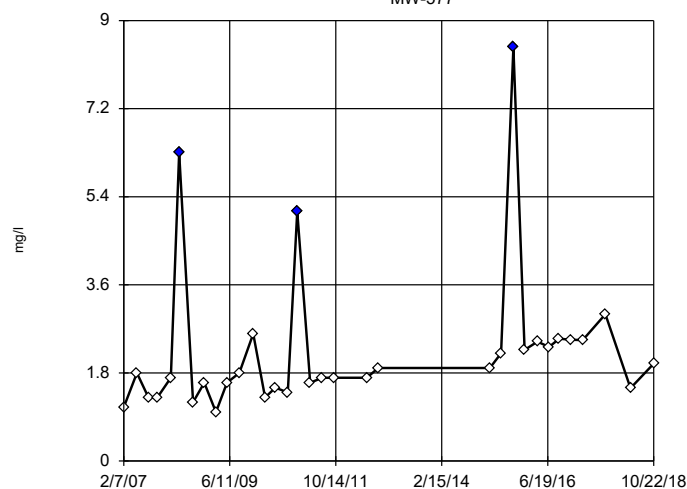
k = 1
r = 3.595
Tabulated value = 3.08
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9795
Critical = 0.955 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Chloride Analysis Run 3/27/2019 12:19 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-577



n = 33

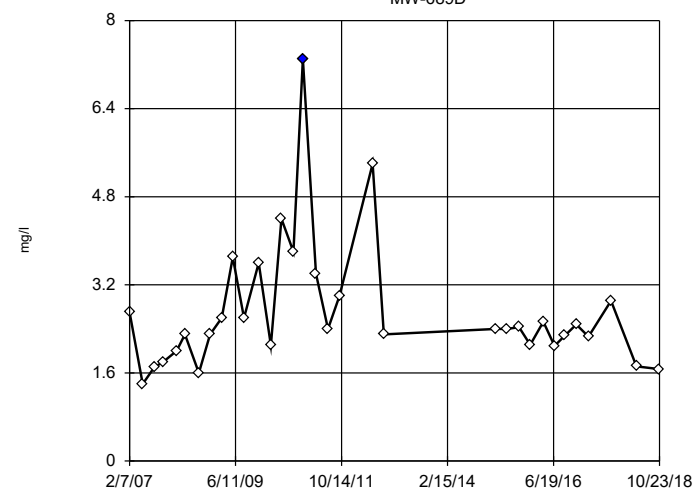
Statistical outliers are drawn as solid.
k = 3
r = 4.123
Tabulated value = 3.461
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9579
Critical = 0.939
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Chloride Analysis Run 3/27/2019 12:19 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-689D



n = 33

Statistical outlier is drawn as solid.

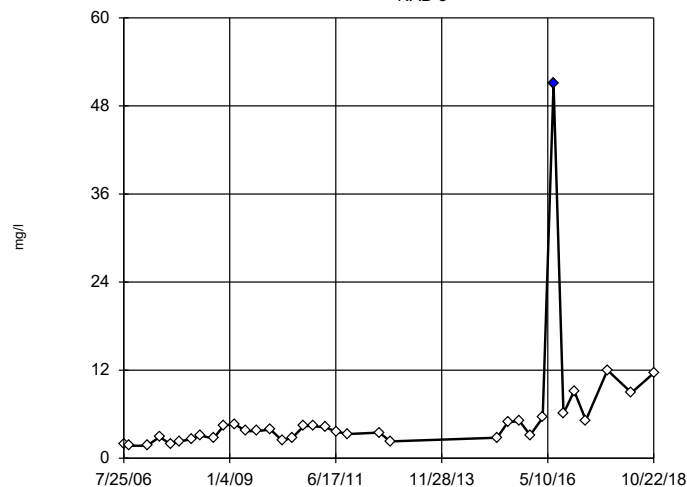
k = 1
r = 3.003
Tabulated value = 2.938
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9614
Critical = 0.941 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Chloride Analysis Run 3/27/2019 12:19 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

NAB-3



n = 35

Statistical outlier is drawn as solid.

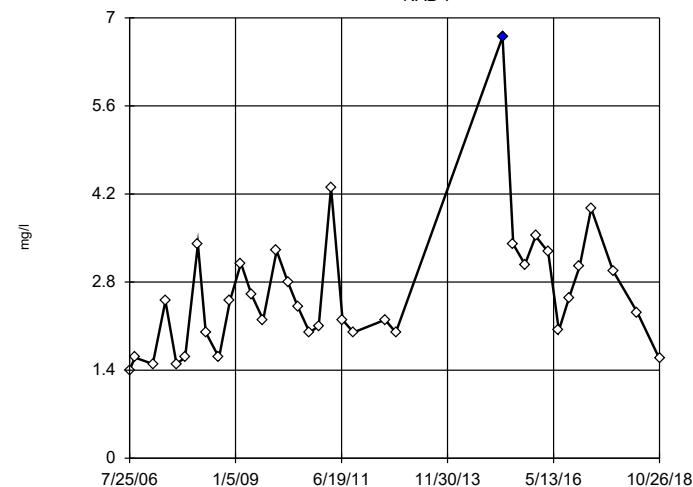
k = 1
 $r = 3.813$
 Tabulated value = 2.95
 Alpha = 0.01

Normality test used:
 Shapiro Wilk@alpha = 0.1
 Calculated = 0.9499
 Critical = 0.943 (after natural log transformation)
 The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Chloride Analysis Run 3/27/2019 12:20 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

NAB-7



n = 35

Statistical outlier is drawn as solid.

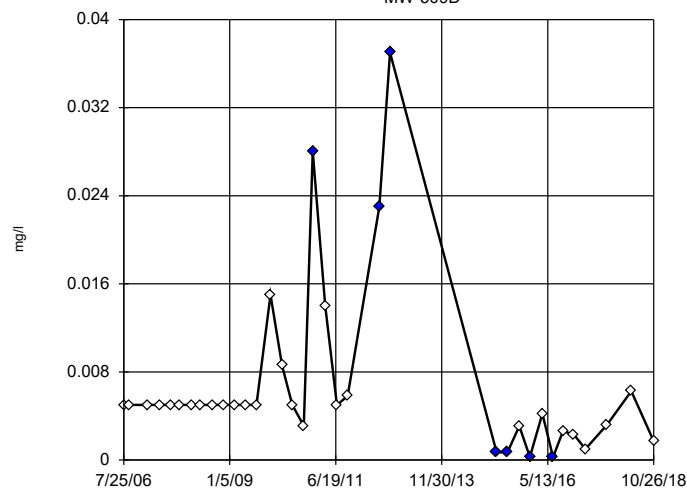
k = 1
 $r = 3.973$
 Tabulated value = 2.95
 Alpha = 0.01

Normality test used:
 Shapiro Wilk@alpha = 0.1
 Calculated = 0.9459
 Critical = 0.943
 The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Chloride Analysis Run 3/27/2019 12:20 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-509D



n = 35

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

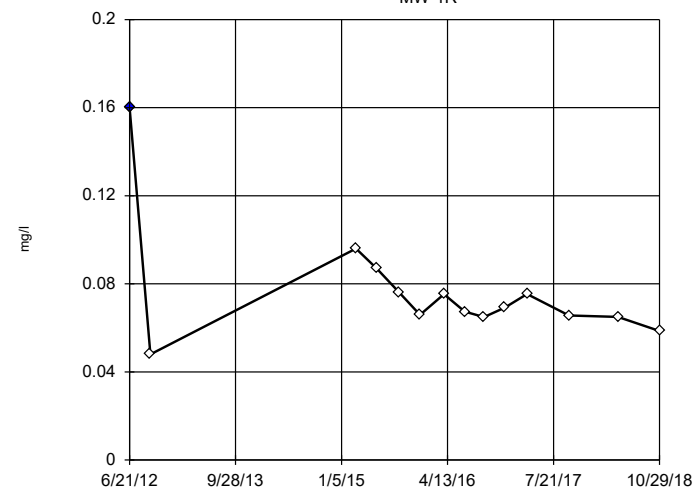
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02118,
 low cutoff = 0.0007293,
 based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 3/27/2019 12:20 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

MW-1R



n = 14

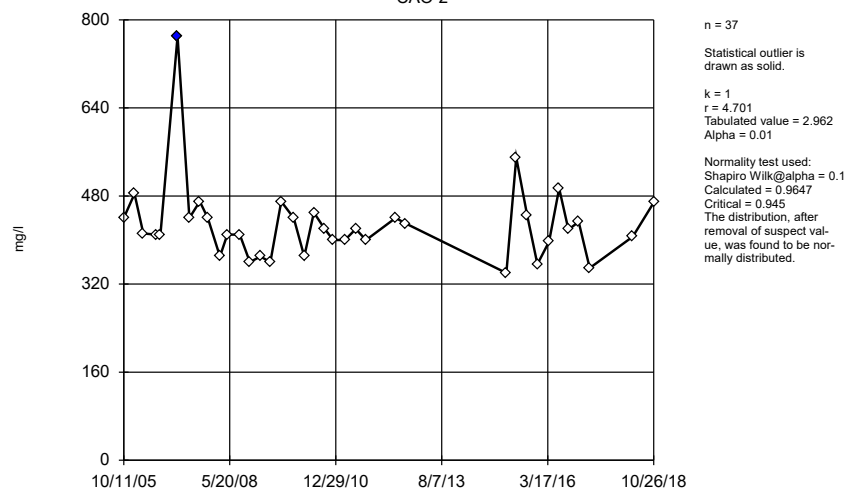
Statistical outlier is drawn as solid.
 Testing for 1 high outlier.
 Mean = 0.07674,
 Std. Dev. = 0.02665,
 0.16; c = 0.7676
 tab1 = 0.546,
 Alpha = 0.05.

Normality test used:
 Shapiro Wilk@alpha = 0.1
 Calculated = 0.9463
 Critical = 0.889
 The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Cobalt Analysis Run 3/27/2019 12:21 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

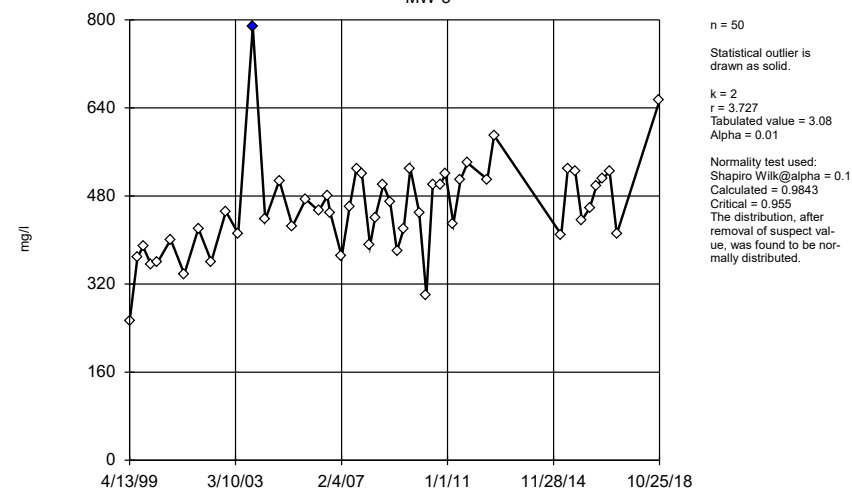
CAO-2



Constituent: Dissolved Solids Analysis Run 3/27/2019 12:22 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

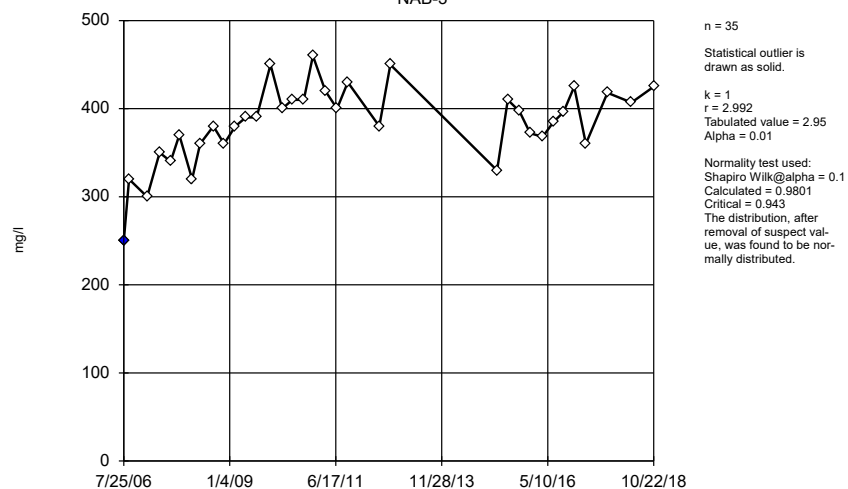
MW-3



Constituent: Dissolved Solids Analysis Run 3/27/2019 12:22 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

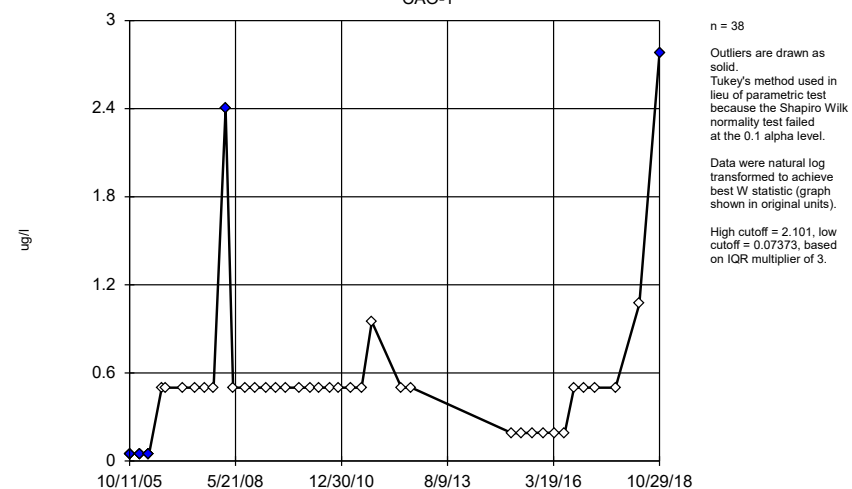
NAB-3



Constituent: Dissolved Solids Analysis Run 3/27/2019 12:23 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

CAO-1



Constituent: Ethylbenzene Analysis Run 3/27/2019 12:23 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

MW-1R



n = 14

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 21.45.
Std. Dev. = 14.41.
-1.561; c = 0.809
tab1 = 0.546.
Alpha = 0.05.

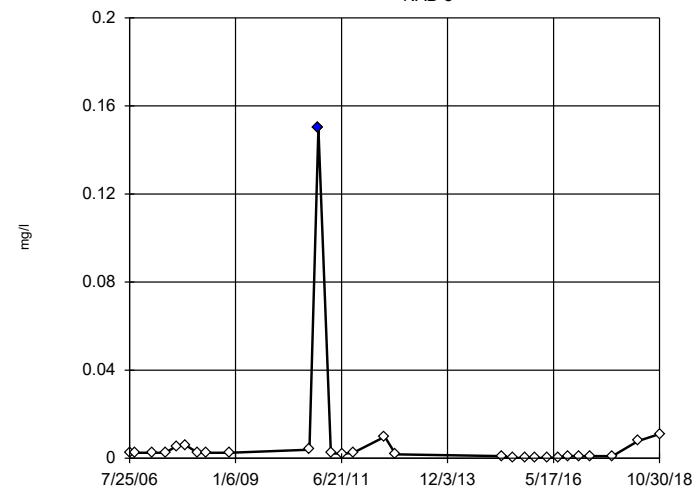
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9641
Critical = 0.889 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Iron Analysis Run 3/27/2019 12:24 PM View: Data through October 2018

NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

NAB-8



n = 28

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

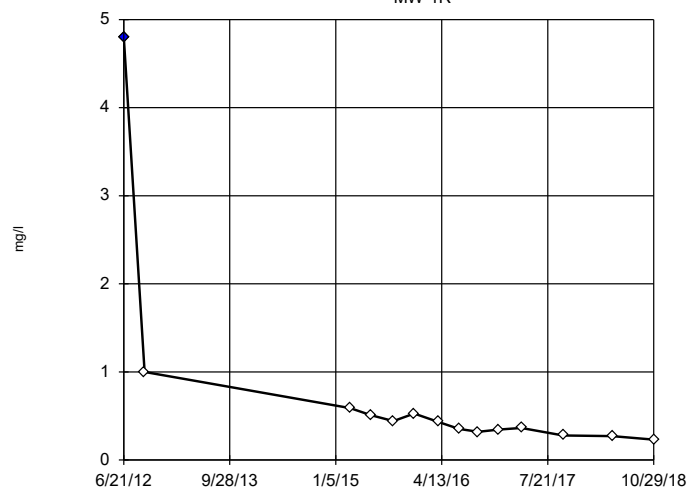
High cutoff = 0.09506,
low cutoff = 0.00003285,
based on IQR multiplier of 3.

Constituent: Lead Analysis Run 3/27/2019 12:25 PM View: Data through October 2018

NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

MW-1R



n = 14

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.7476.
Std. Dev. = 1.182.
4.8; c = 0.7368
tab1 = 0.546.
Alpha = 0.05.

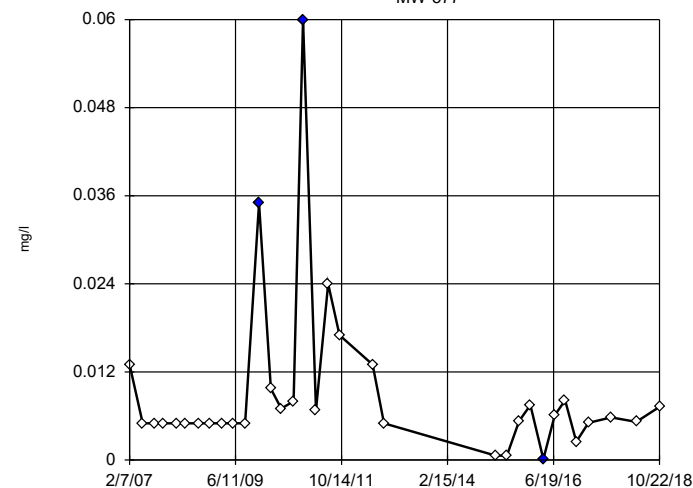
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9505
Critical = 0.889 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Manganese Analysis Run 3/27/2019 12:26 PM View: Data through October 2018

NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-577



n = 33

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

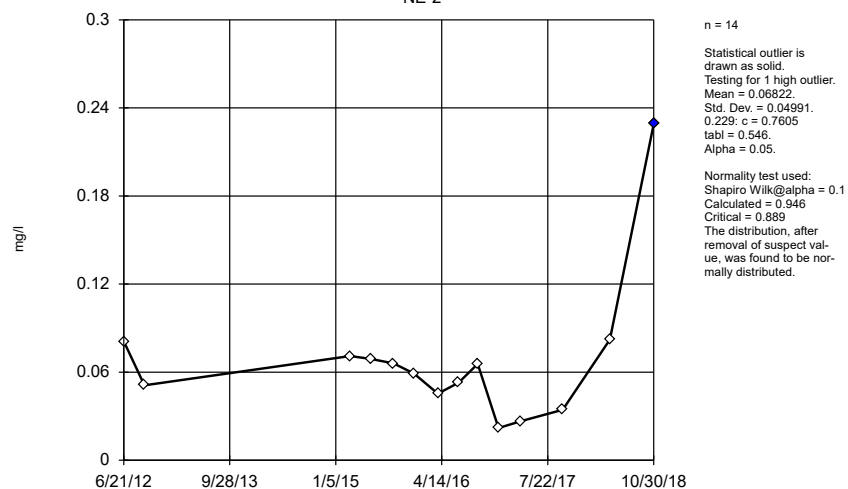
High cutoff = 0.02422,
low cutoff = 0.0005564,
based on IQR multiplier of 3.

Constituent: Manganese Analysis Run 3/27/2019 12:26 PM View: Data through October 2018

NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

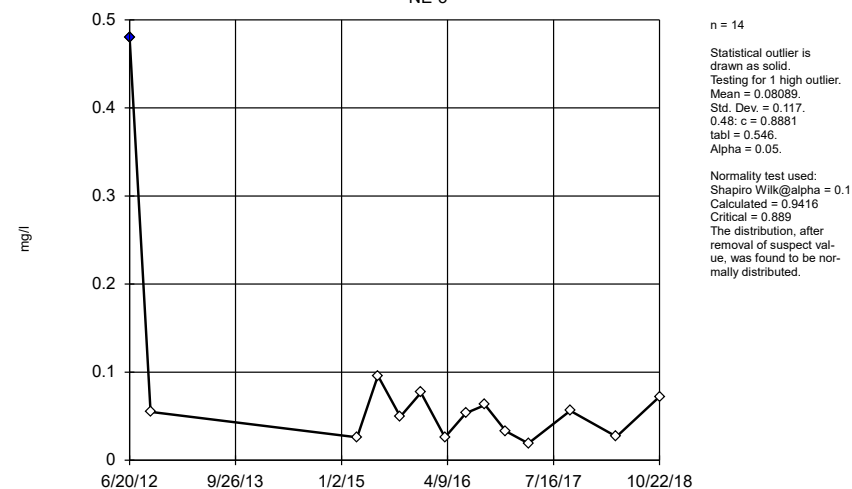
NE-2



Constituent: Manganese Analysis Run 3/27/2019 12:26 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

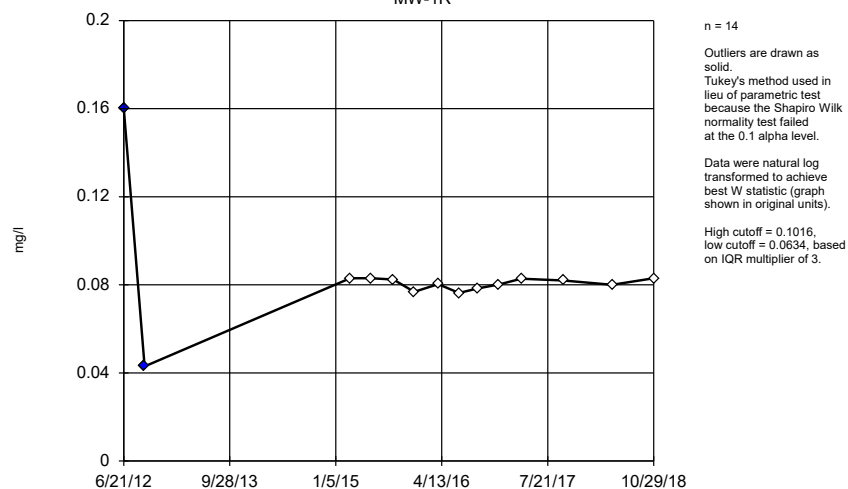
NE-3



Constituent: Manganese Analysis Run 3/27/2019 12:26 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

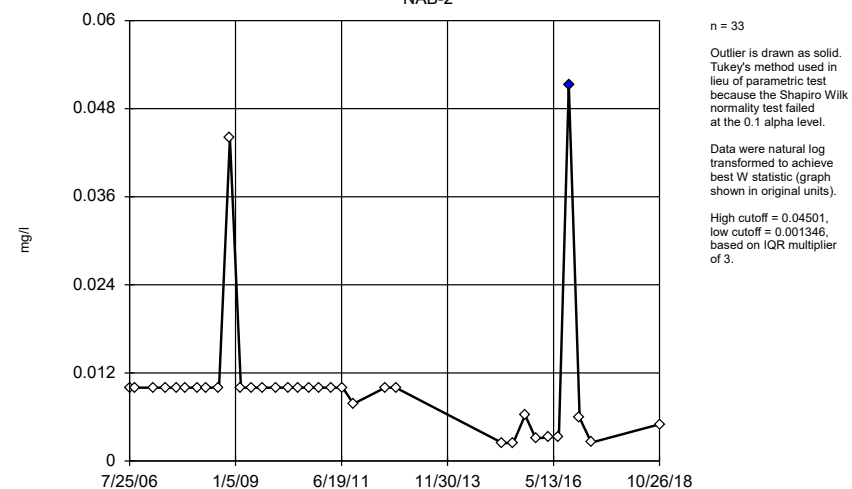
MW-1R



Constituent: Nickel Analysis Run 3/27/2019 12:27 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

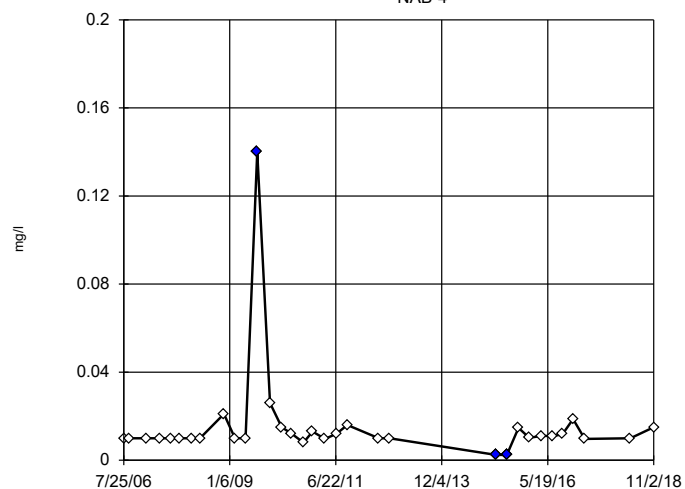
NAB-2



Constituent: Nickel Analysis Run 3/27/2019 12:28 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

NAB-4



n = 33

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

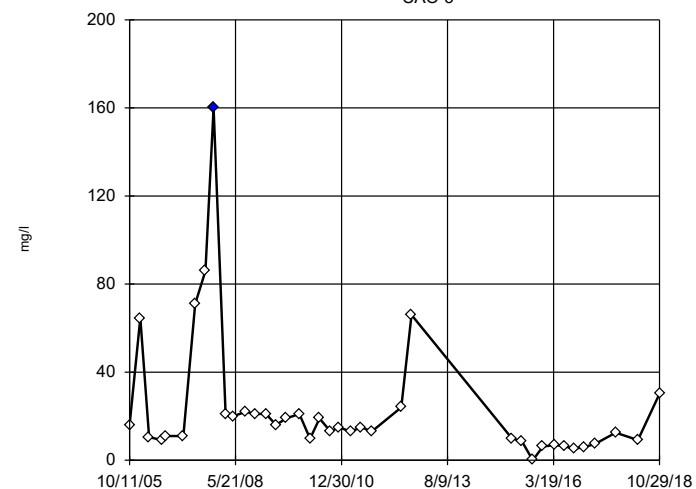
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03652, low cutoff = 0.003785, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/27/2019 12:28 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

CAO-3



n = 38

Outlier is drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

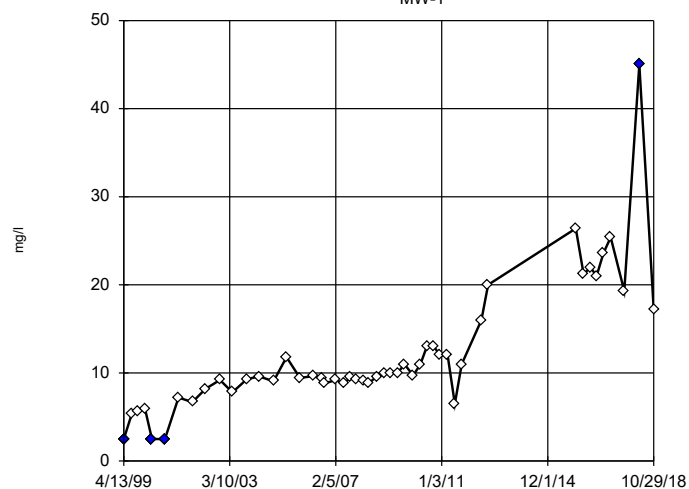
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 107.1, low cutoff = 0.001149, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/27/2019 12:29 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-1



n = 49

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

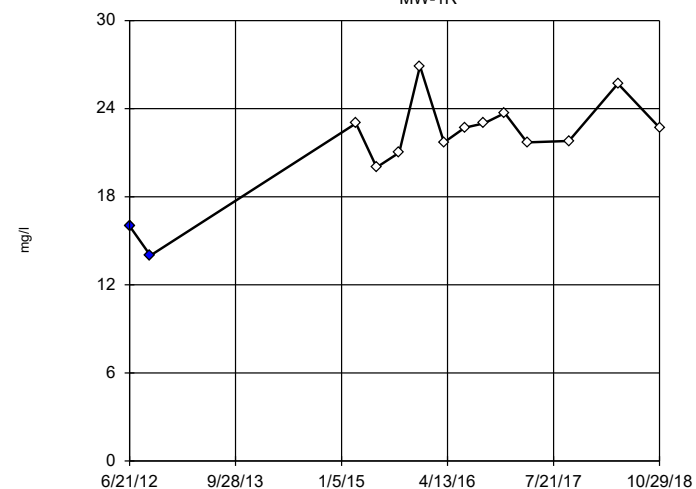
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 41.91, low cutoff = 2.73, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/27/2019 12:29 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

MW-1R



n = 14

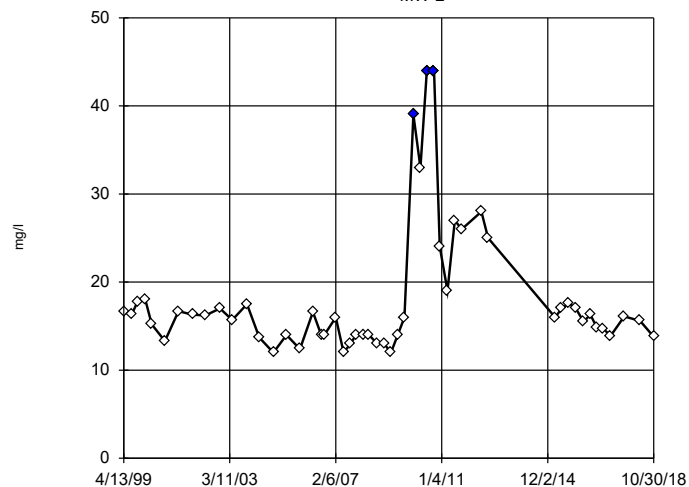
Statistical outliers are drawn as solid.
 Testing for 2 low outliers.
 Mean = 21.71.
 Std. Dev. = 3.369.
 16: $\alpha = 0.6494$
 tab1 = 0.546.
 Alpha = 0.05.

Normality test used:
 Shapiro Wilk@alpha = 0.1
 Calculated = 0.924
 Critical = 0.883
 The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Sulfate Analysis Run 3/27/2019 12:29 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-2



n = 52

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

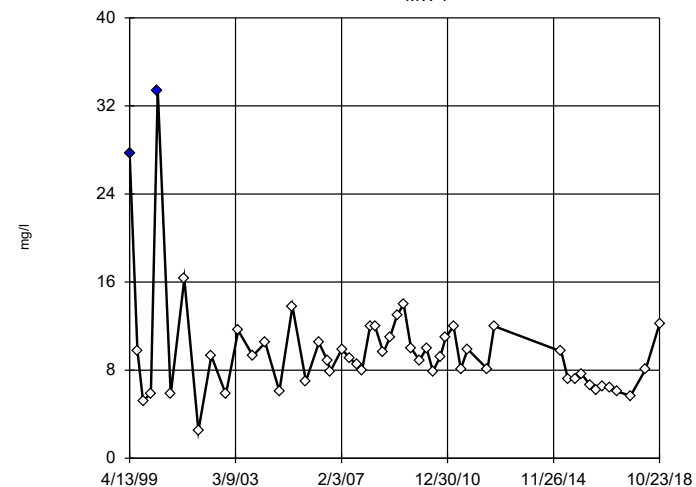
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 34.57, low cutoff = 7.107, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/27/2019 12:29 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-7



n = 52

Statistical outliers are drawn as solid.

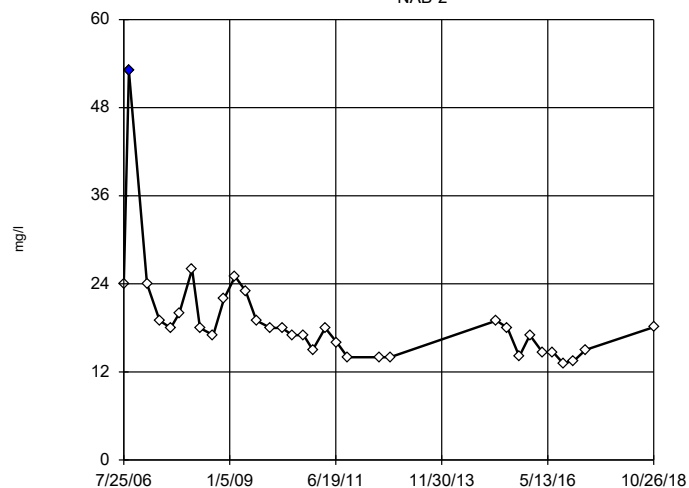
k = 3
r = 4.932
Tabulated value = 3.16
Alpha = 0.01

Normality test used:
Shapiro Francia@alpha = 0.1
Calculated = 0.9762
Critical = 0.963
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Sulfate Analysis Run 3/27/2019 12:30 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

NAB-2



n = 33

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

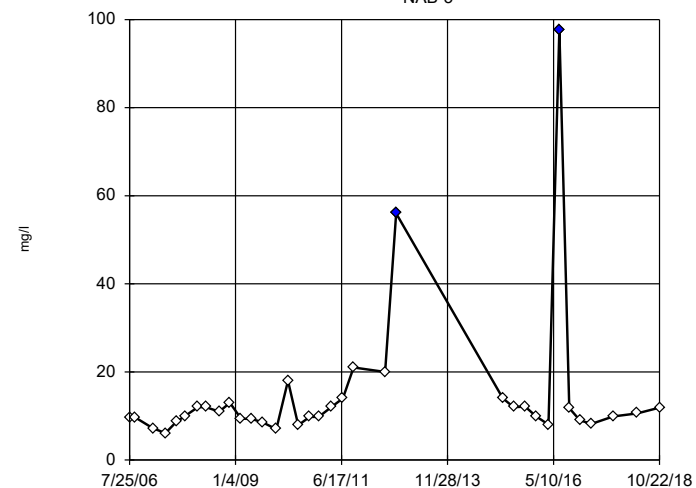
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 44.1, low cutoff = 6.564, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/27/2019 12:30 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

NAB-3



n = 35

Statistical outliers are drawn as solid.

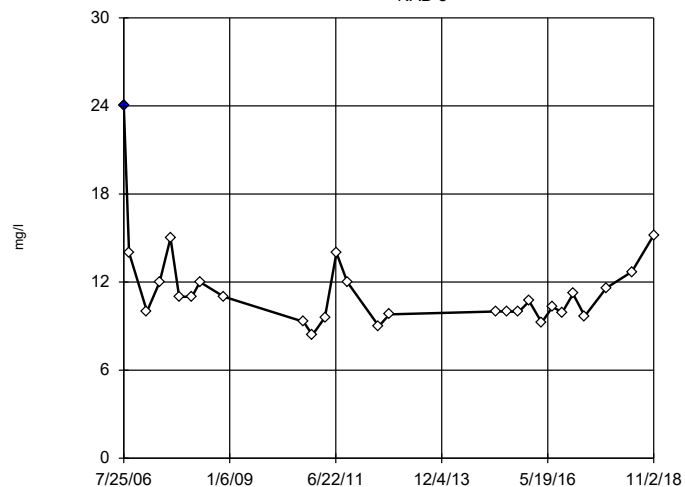
k = 2
r = 4.079
Tabulated value = 3.435
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9547
Critical = 0.942 (after natural log transformation)
The distribution, after removal of suspect values, was found to be log-normal.

Constituent: Sulfate Analysis Run 3/27/2019 12:30 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

NAB-8



n = 28

Statistical outlier is drawn as solid.

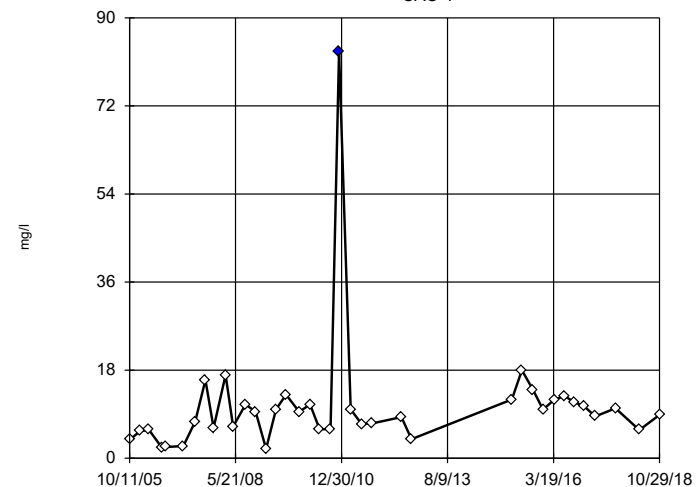
k = 1
 $r = 3.553$
 Tabulated value = 2.888
 Alpha = 0.01

Normality test used:
 Shapiro Wilk@alpha = 0.1
 Calculated = 0.9394
 Critical = 0.935 (after natural log transformation)
 The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Sulfate Analysis Run 3/27/2019 12:30 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

CAO-1



n = 38

Statistical outlier is drawn as solid.

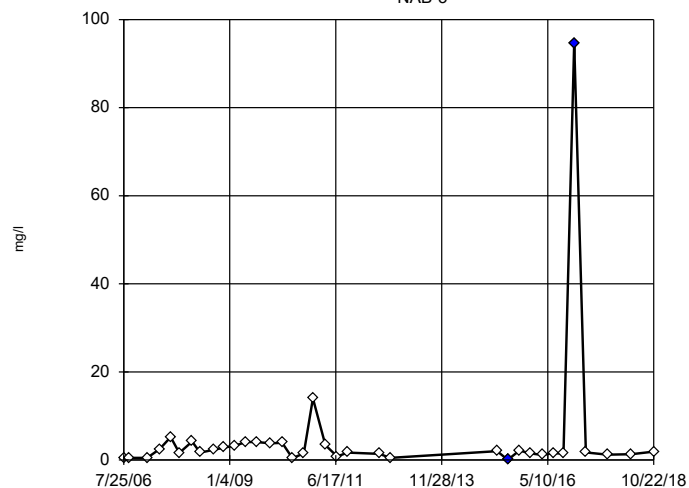
k = 1
 $r = 5.693$
 Tabulated value = 2.968
 Alpha = 0.01

Normality test used:
 Shapiro Wilk@alpha = 0.1
 Calculated = 0.9689
 Critical = 0.946
 The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: TOC [Total Organic Carbon] Analysis Run 3/27/2019 12:31 PM View: Data through October 2
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

NAB-3



n = 35

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

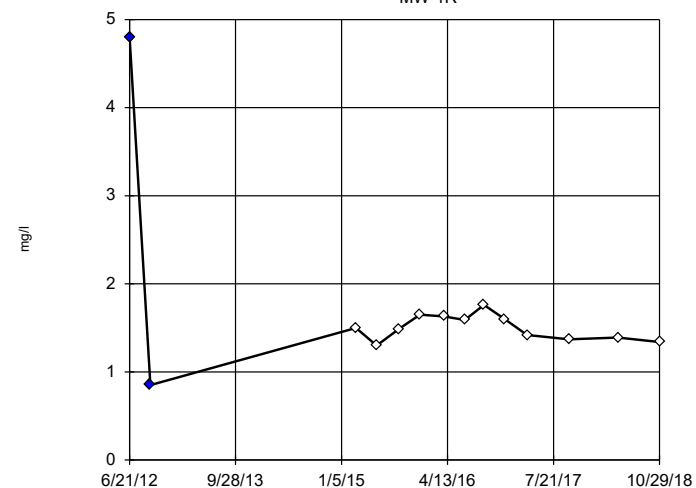
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 77.33, low cutoff = 0.05276, based on IQR multiplier of 3.

Constituent: TOC [Total Organic Carbon] Analysis Run 3/27/2019 12:31 PM View: Data through October 2
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

MW-1R



n = 14

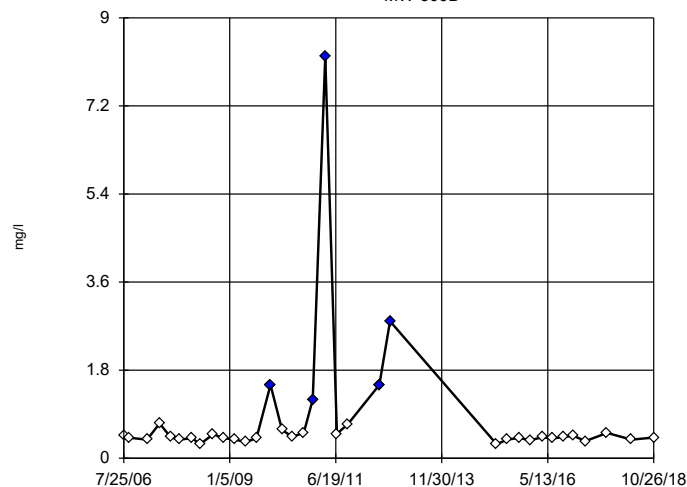
Statistical outliers are drawn as solid.
 Testing for 1 high and 1 low outliers.
 Mean = 1.692
 Std. Dev. = 0.9208
 4.8: c = 0.9104
 tabl = 0.546
 0.85: c = 0.6125
 tabl = 0.546
 Alpha = 0.05.

Normality test used:
 Shapiro Wilk@alpha = 0.1
 Calculated = 0.9574
 Critical = 0.883
 The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Zinc Analysis Run 3/27/2019 12:32 PM View: Data through October 2018
 NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-509D



n = 35

Statistical outliers are drawn as solid.

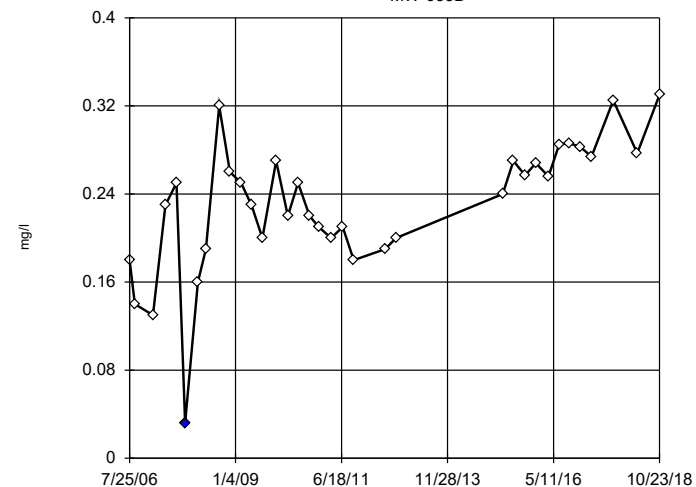
k = 5
r = 3.644
Tabulated value = 3.555
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.945
Critical = 0.939 (after natural log transformation)
The distribution, after removal of suspect values, was found to be log-normal.

Constituent: Zinc Analysis Run 3/27/2019 12:33 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Rosner's Outlier Test

MW-633D



n = 35

Statistical outlier is drawn as solid.

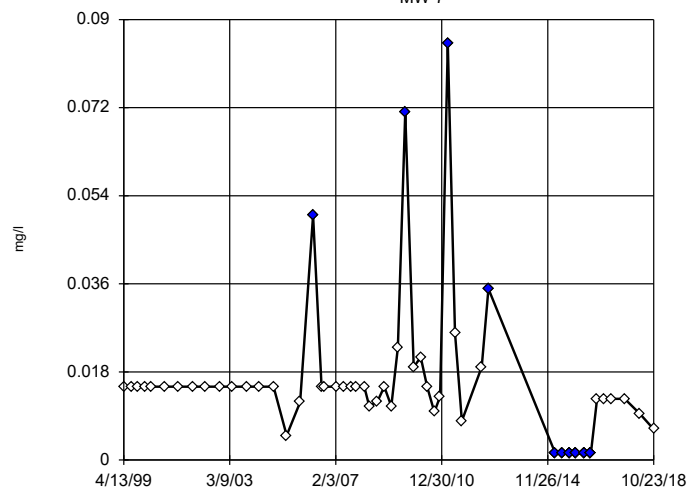
k = 1
r = 3.309
Tabulated value = 2.95
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9757
Critical = 0.943
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Zinc Analysis Run 3/27/2019 12:33 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

MW-7



n = 52

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Francia normality test failed at the 0.1 alpha level.

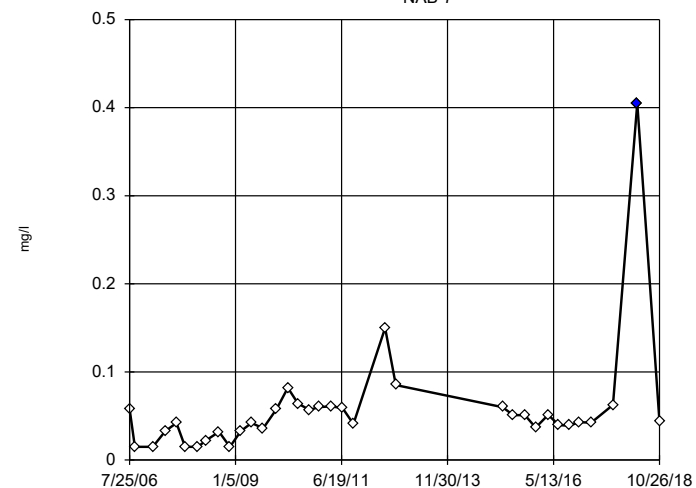
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03019,
low cutoff = 0.004116,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/27/2019 12:33 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

NAB-7



n = 35

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

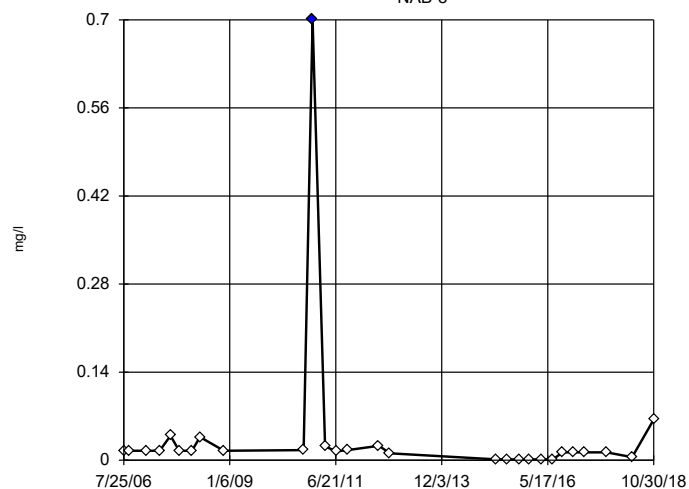
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3606,
low cutoff = 0.00549,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/27/2019 12:33 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Tukey's Outlier Screening

NAB-8



n = 28

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

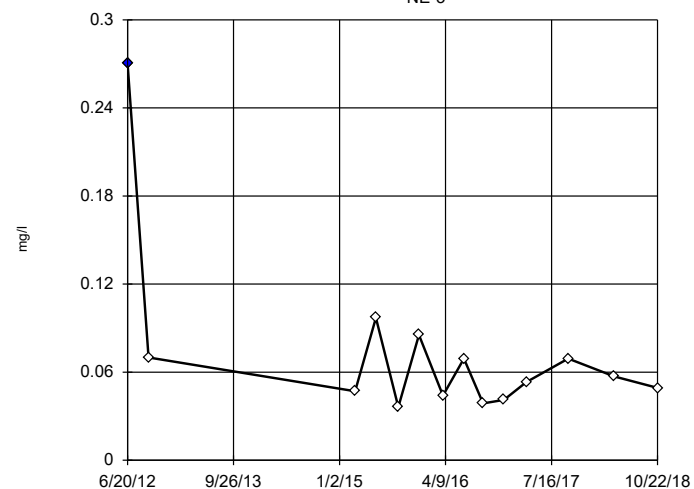
High cutoff = 0.1597,
low cutoff = 0.0007444,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/27/2019 12:33 PM View: Data through October 2018

NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Dixon's Outlier Test

NE-3



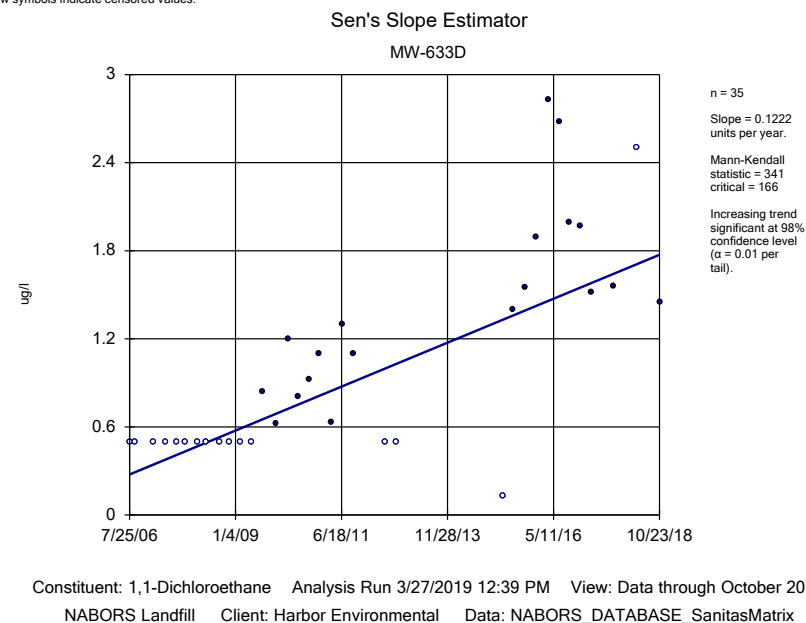
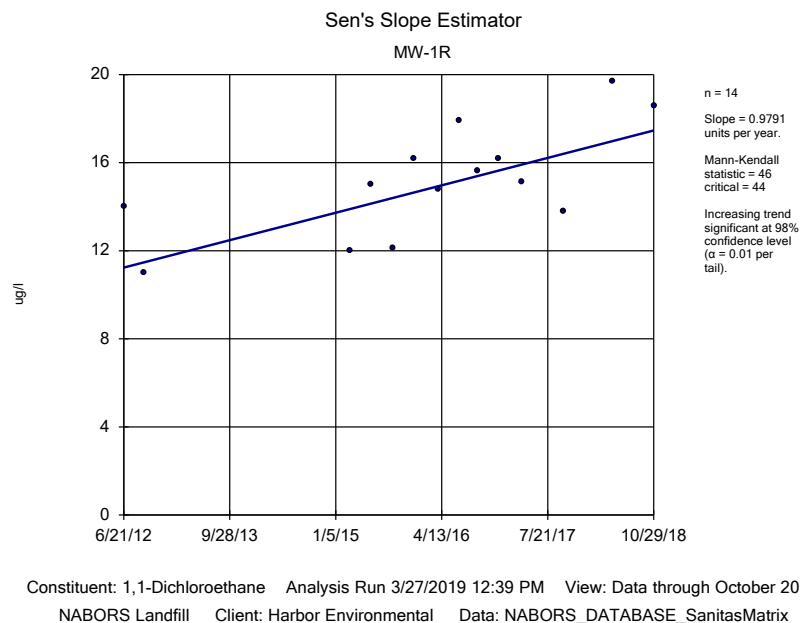
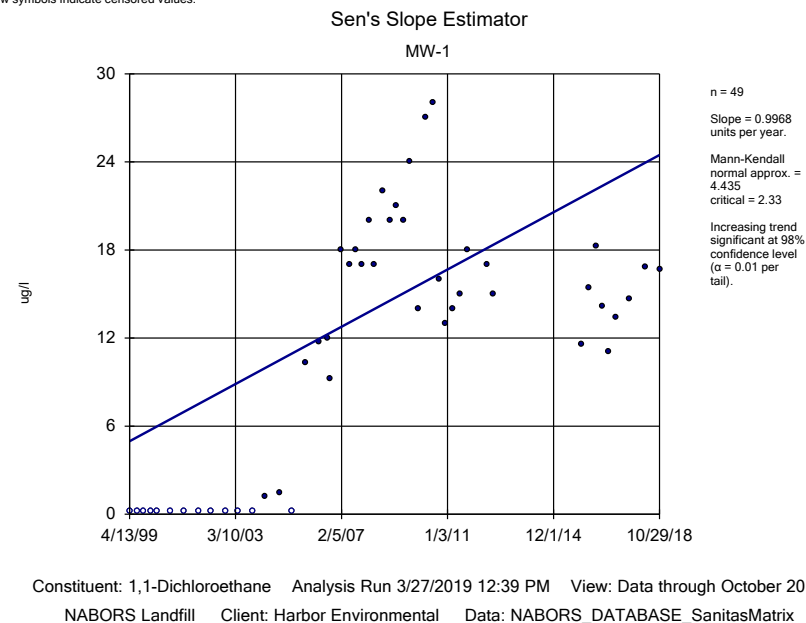
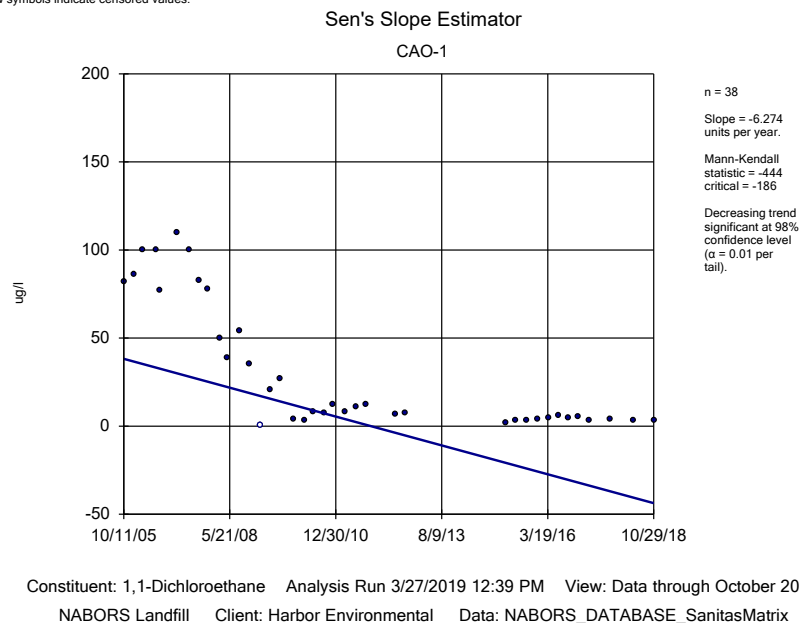
n = 14

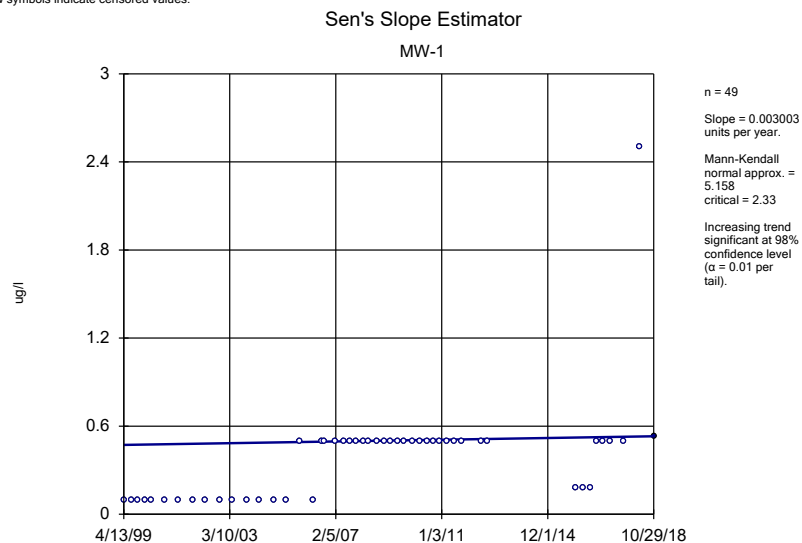
Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.07339,
Std. Dev. = 0.05938,
0.27: c = 0.8065,
tab1 = 0.546,
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9189
Critical = 0.889
The distribution, after removal of suspect value, was found to be normally distributed.

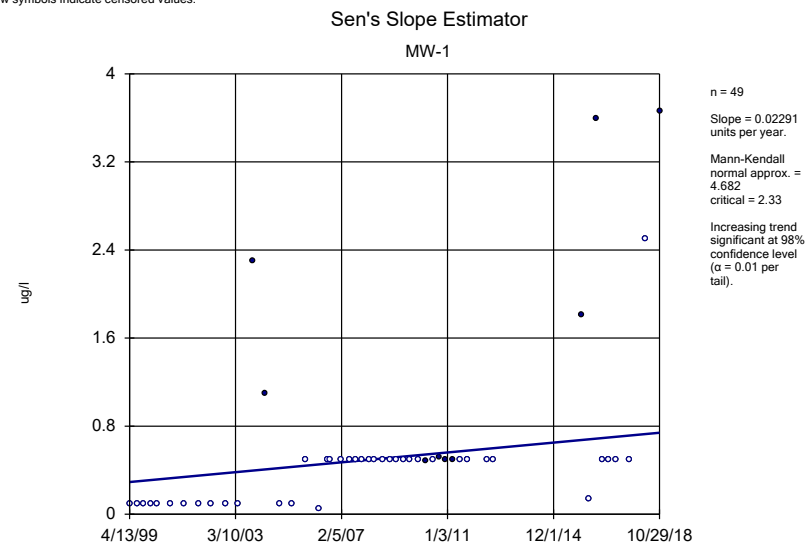
Constituent: Zinc Analysis Run 3/27/2019 12:34 PM View: Data through October 2018

NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

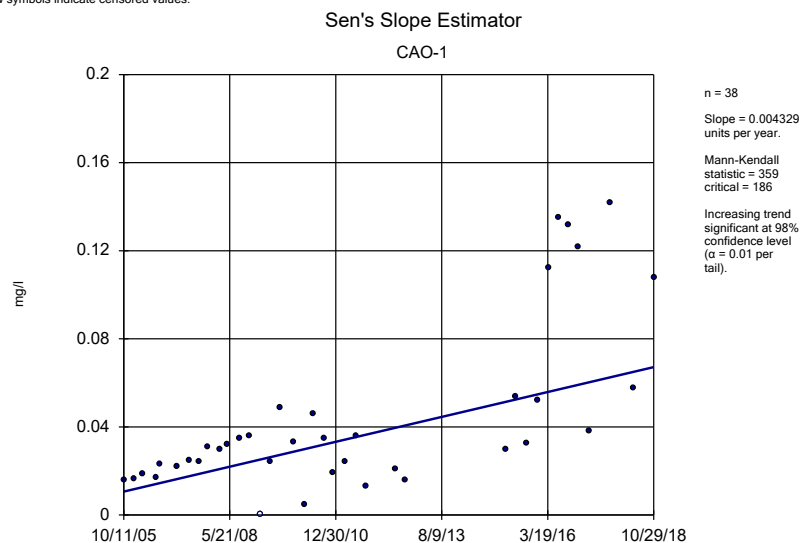




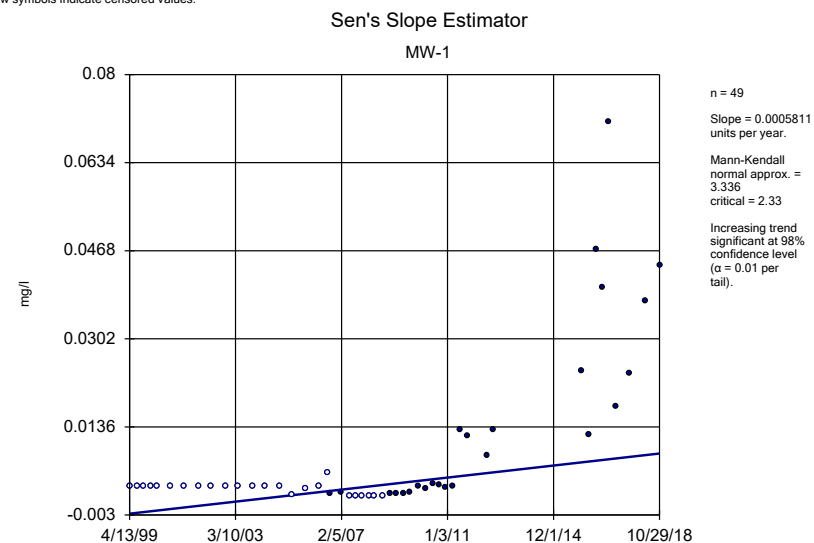
Constituent: 1,2-Dichloroethane Analysis Run 3/27/2019 12:39 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Constituent: 1,4-Dichlorobenzene Analysis Run 3/27/2019 12:39 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



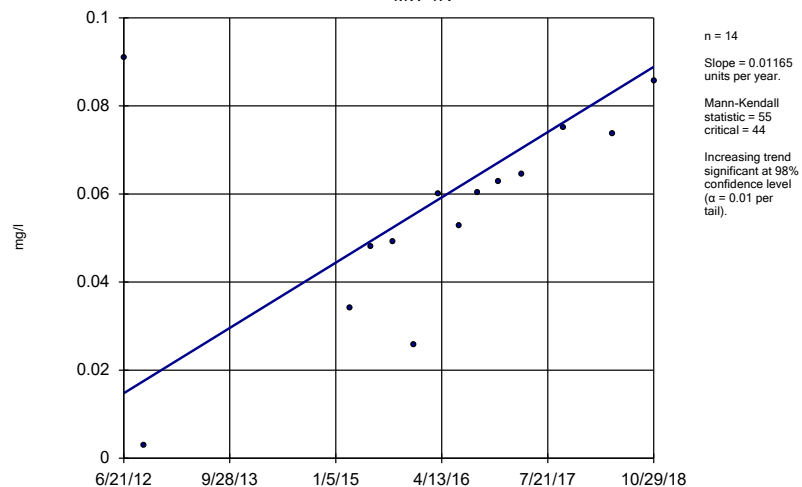
Constituent: Arsenic Analysis Run 3/27/2019 12:39 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Constituent: Arsenic Analysis Run 3/27/2019 12:39 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

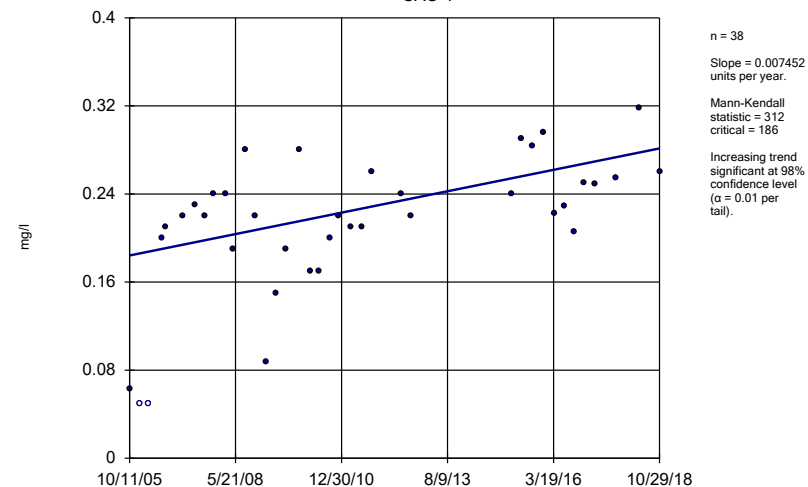
MW-1R



Constituent: Arsenic Analysis Run 3/27/2019 12:39 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

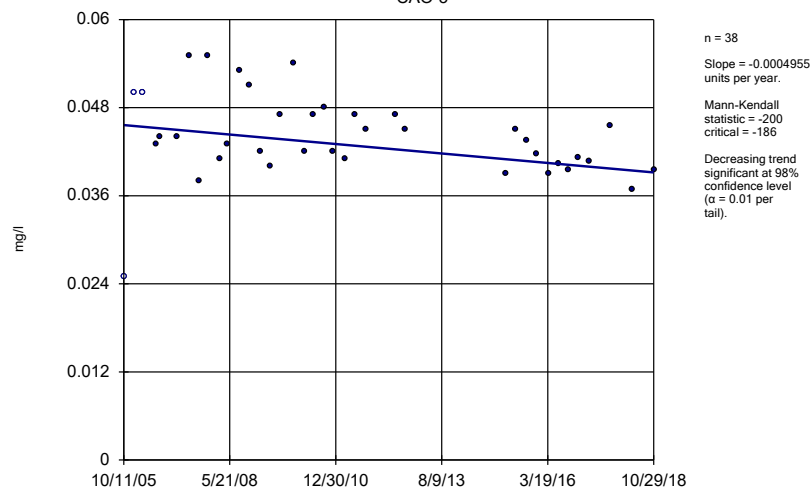
CAO-1



Constituent: Barium Analysis Run 3/27/2019 12:39 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

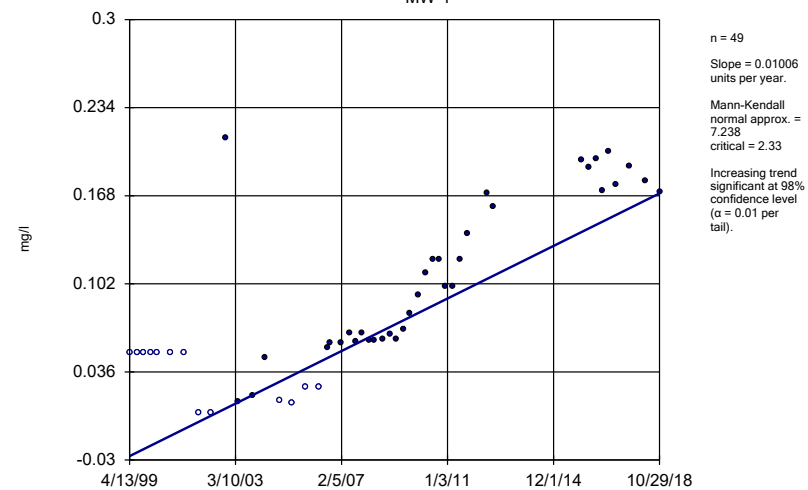
CAO-3



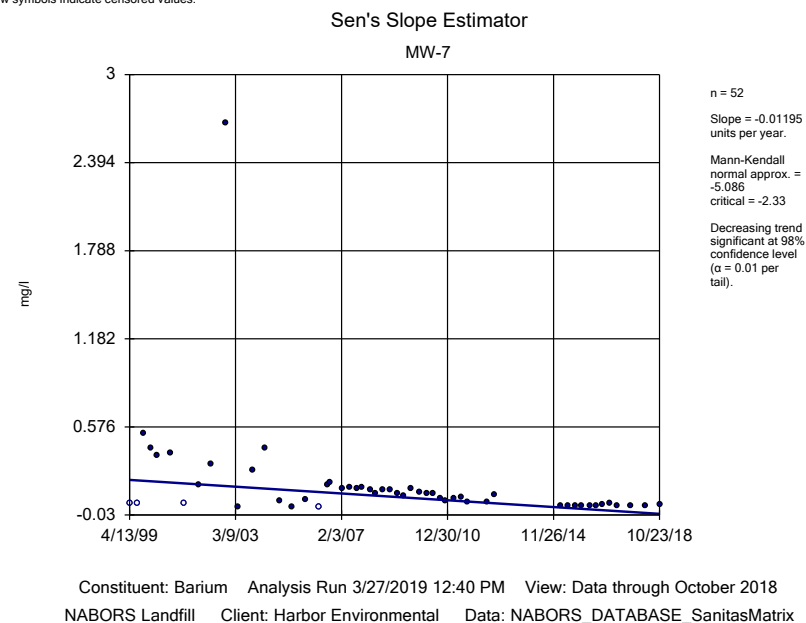
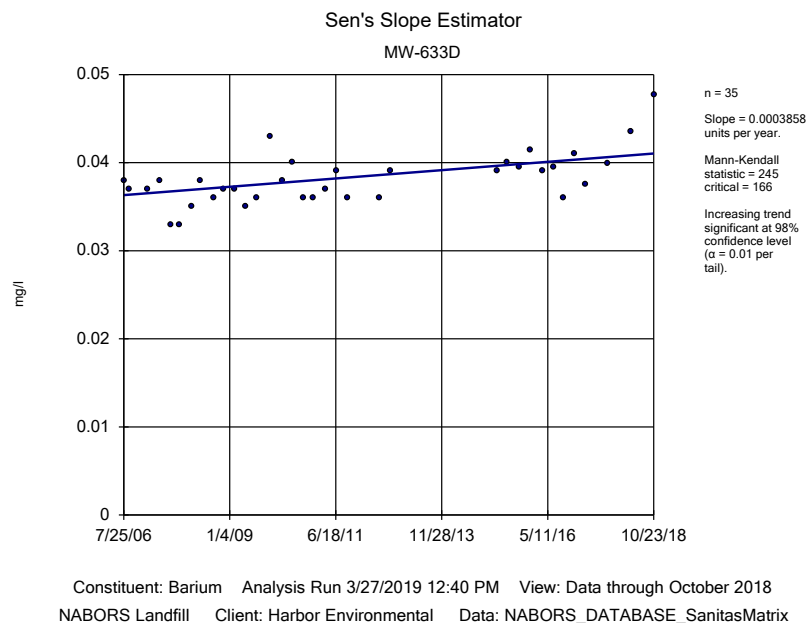
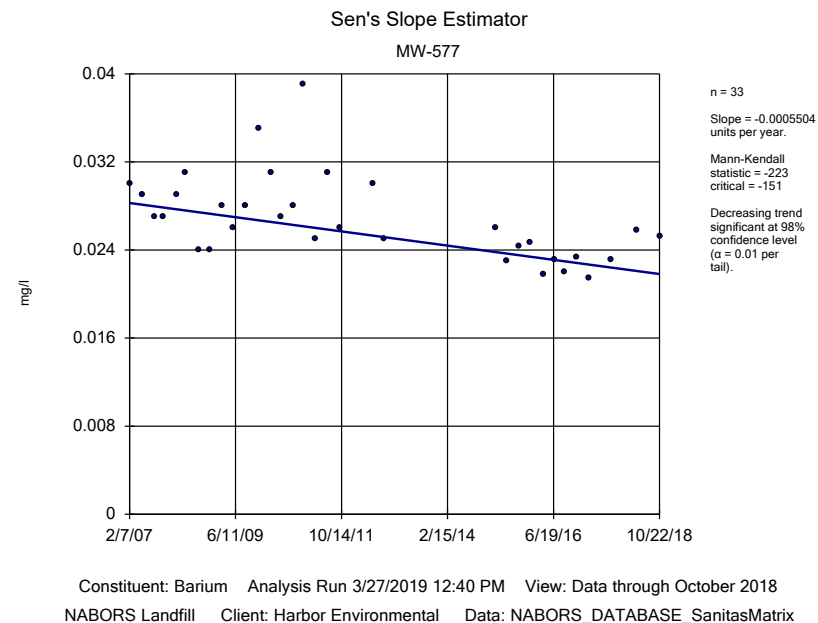
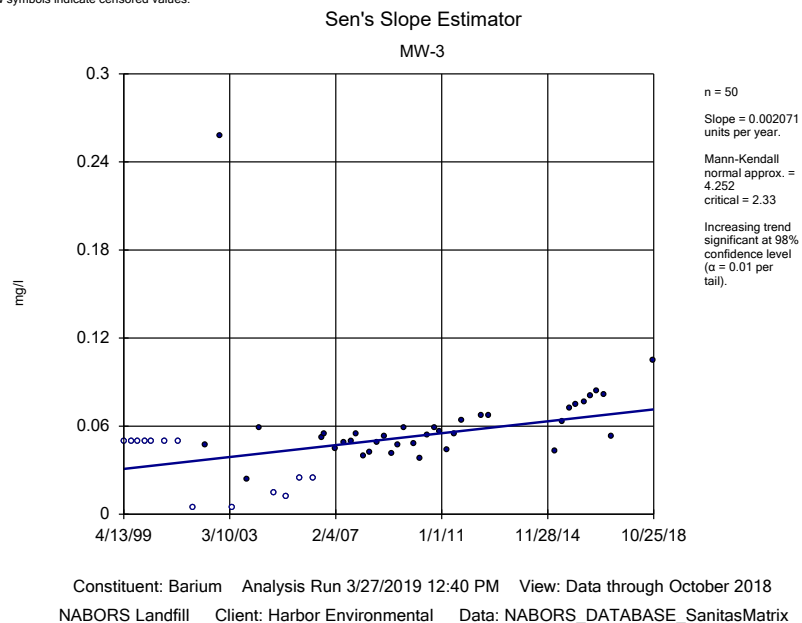
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

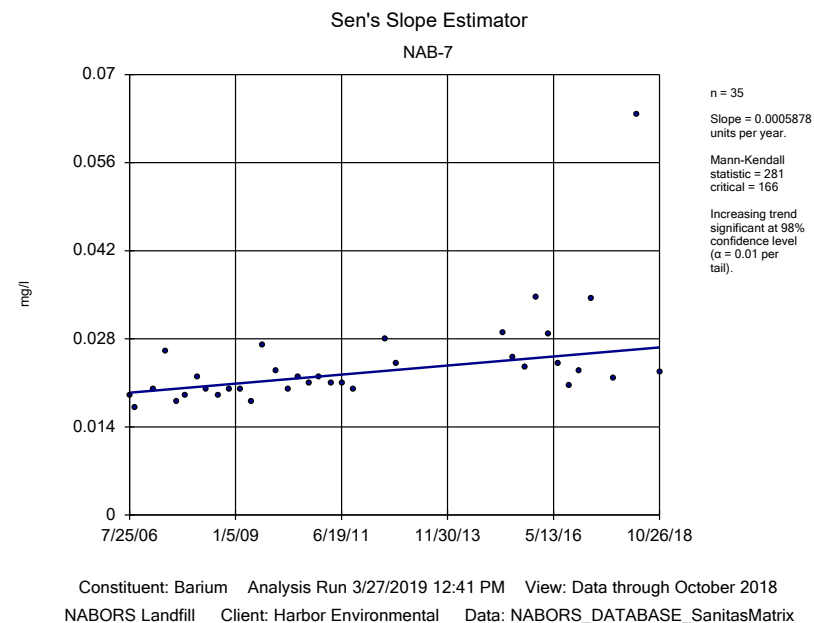
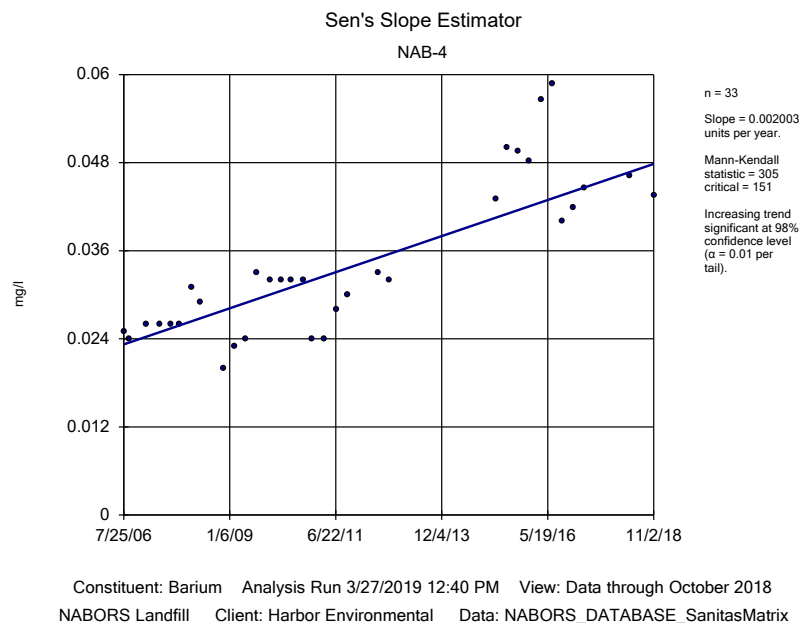
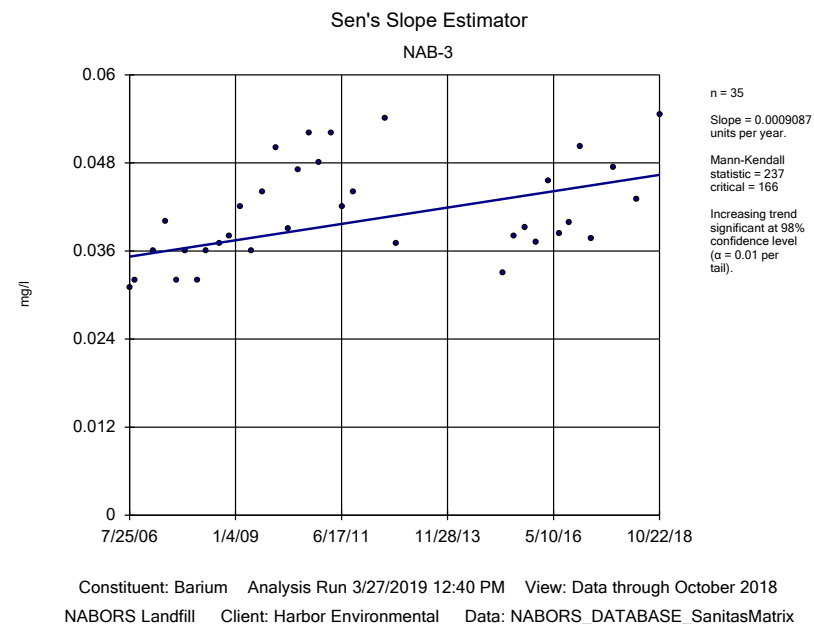
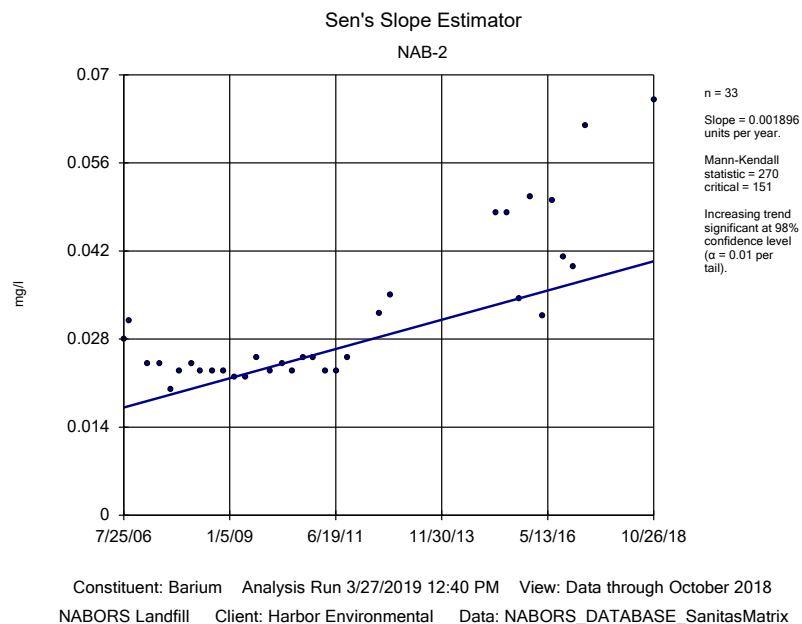
Sen's Slope Estimator

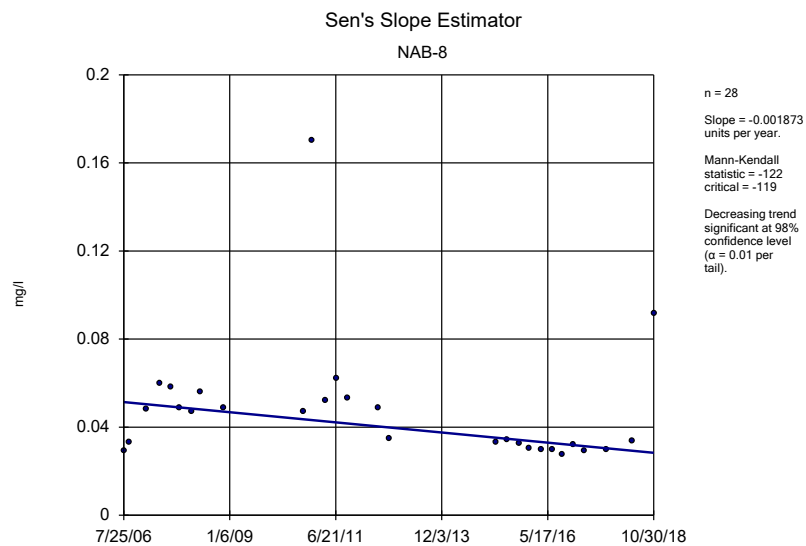
MW-1



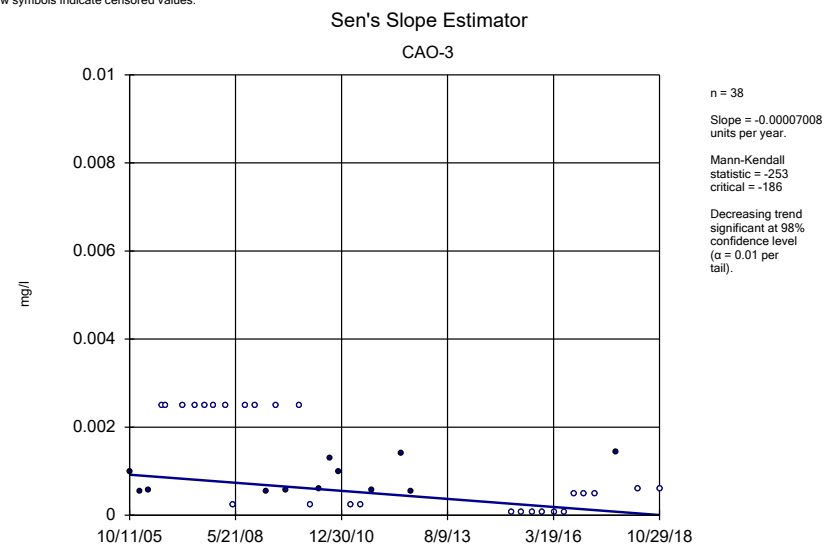
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



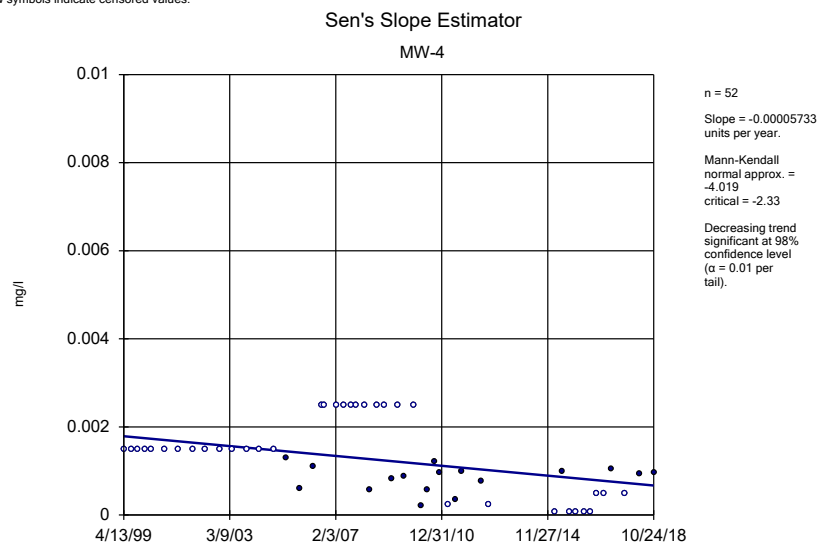




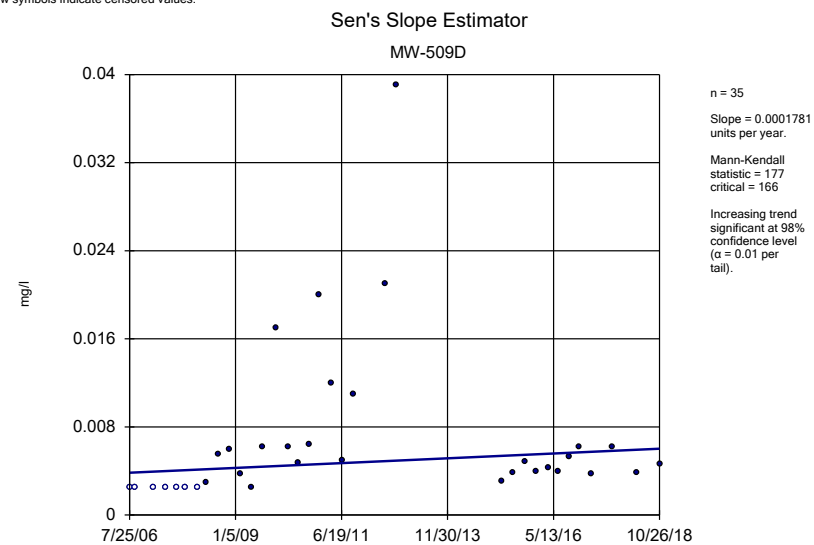
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



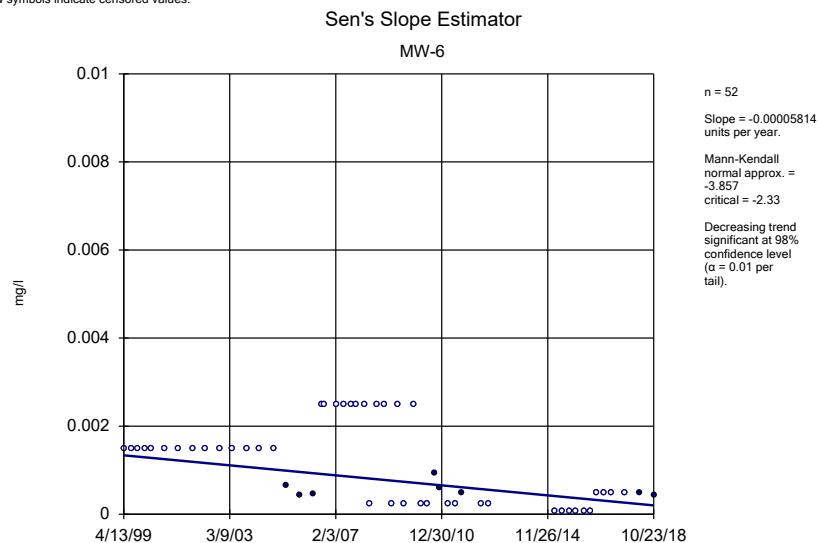
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



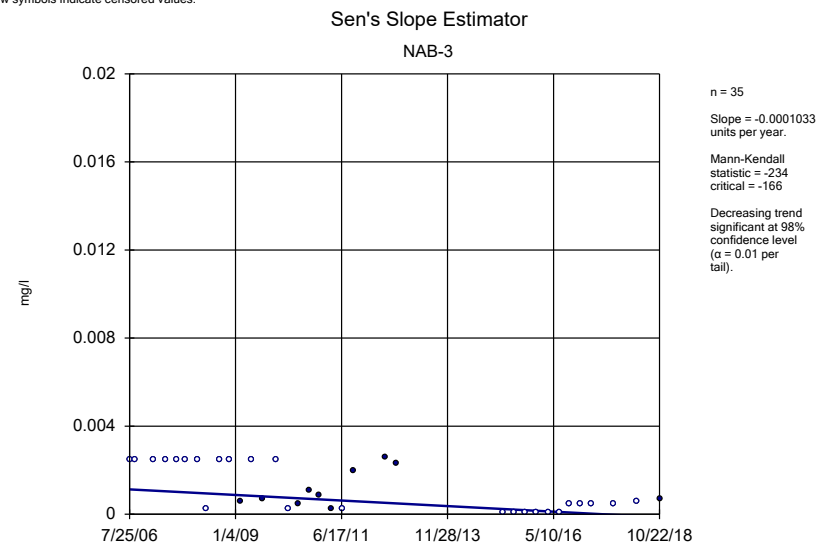
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



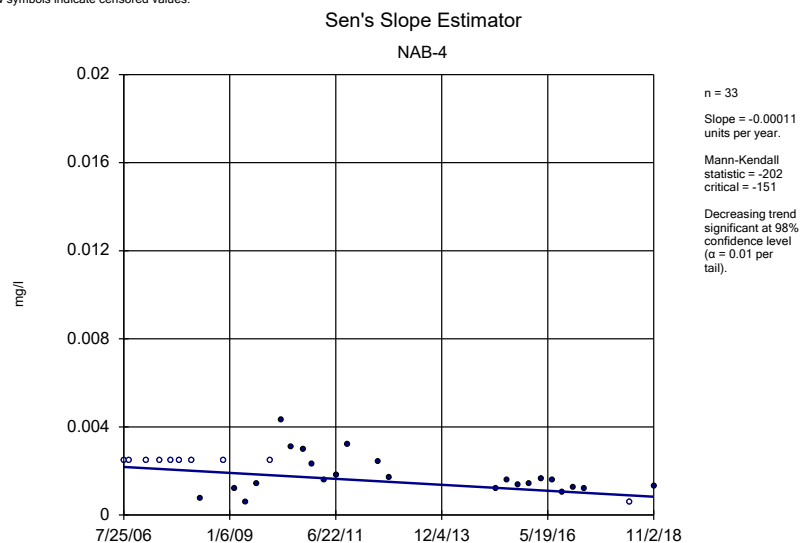
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



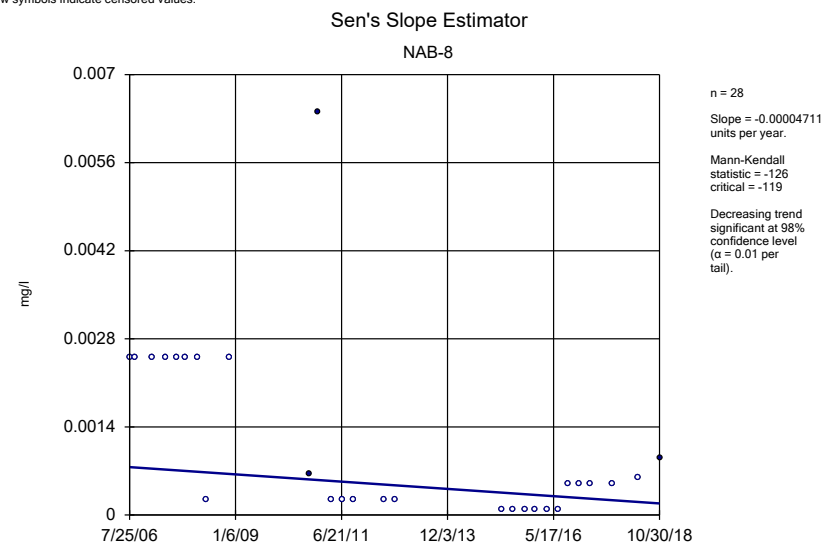
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



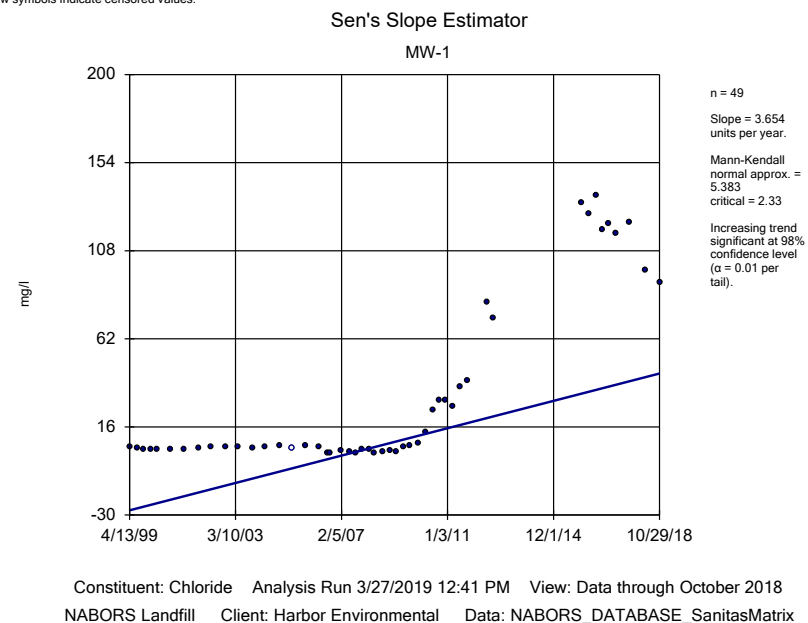
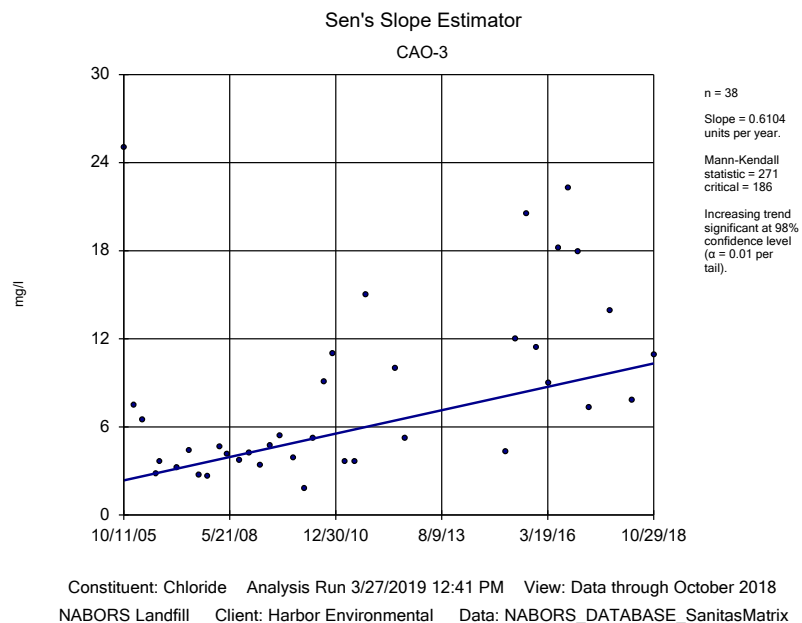
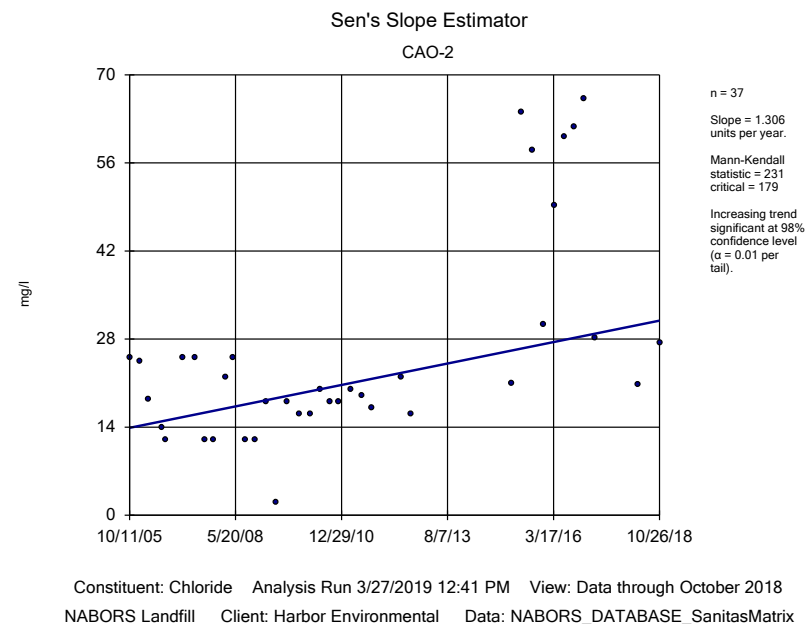
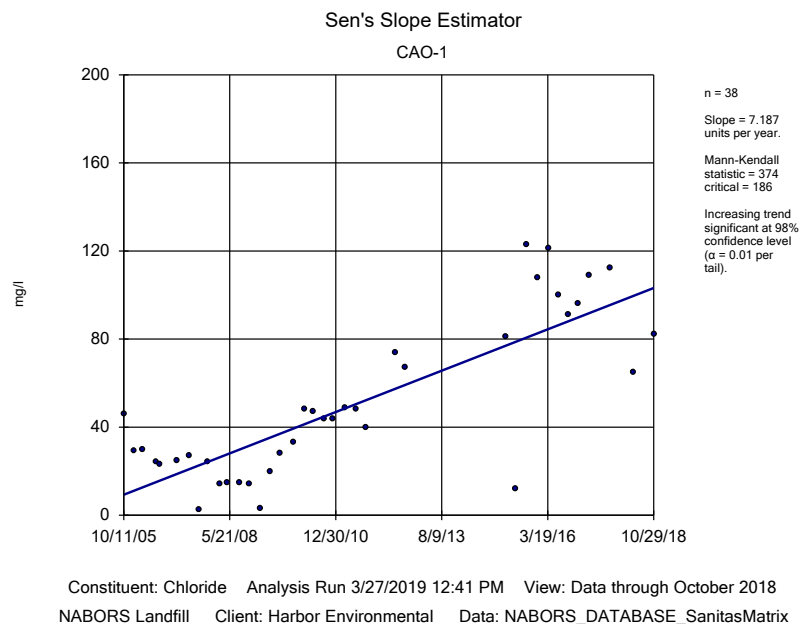
Constituent: Cadmium Analysis Run 3/27/2019 12:41 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

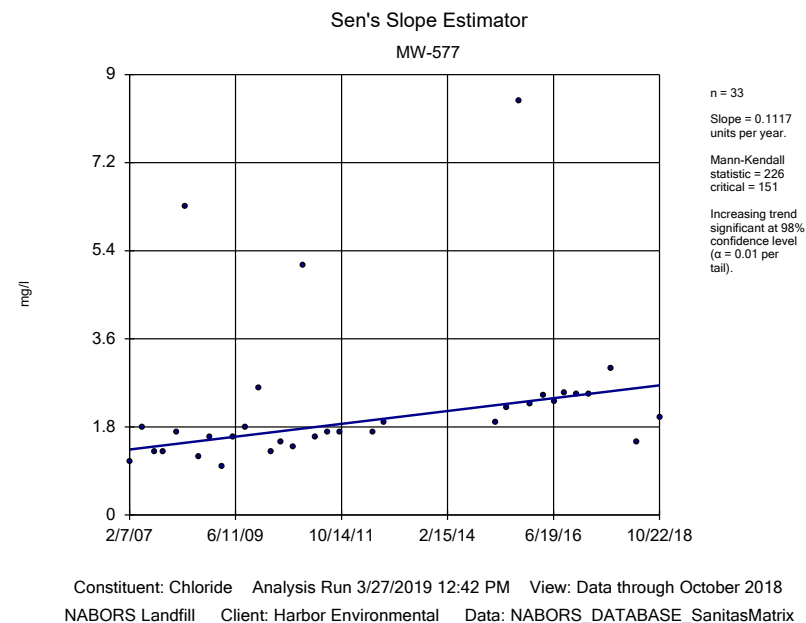
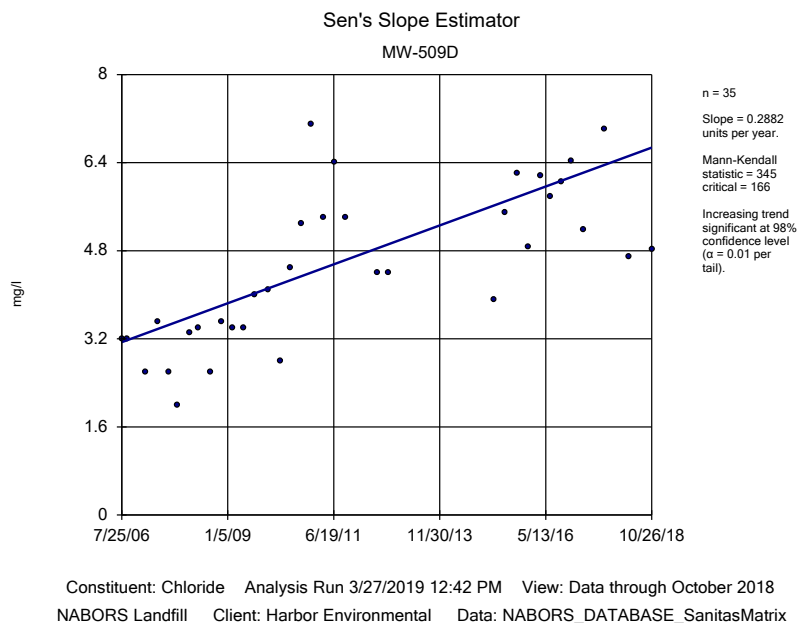
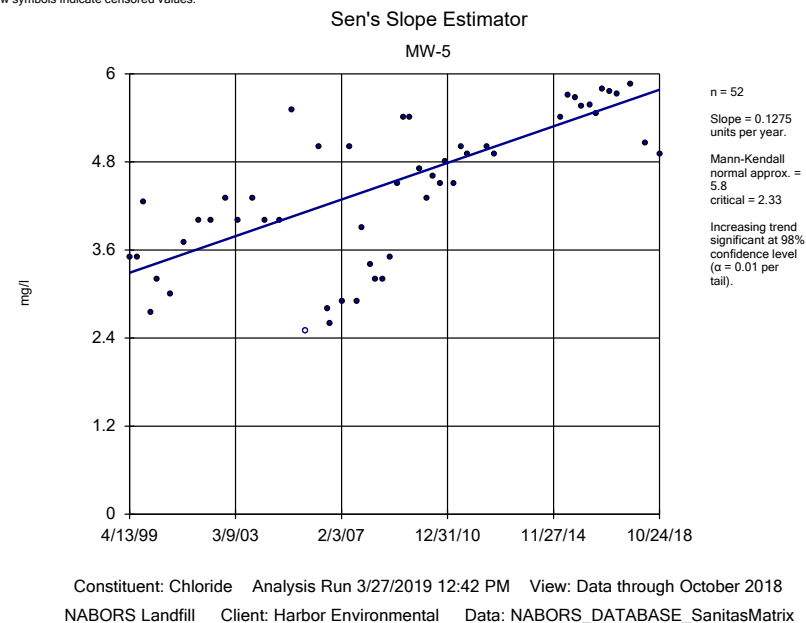
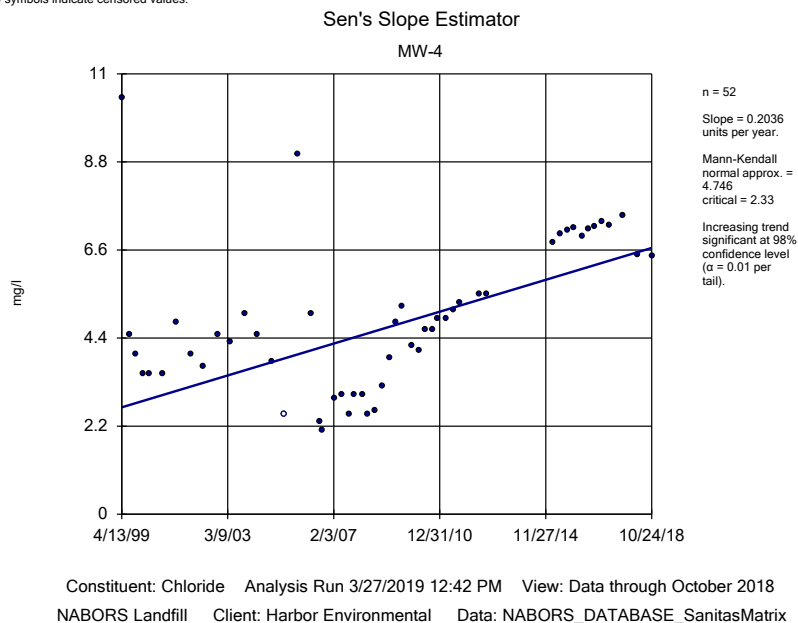


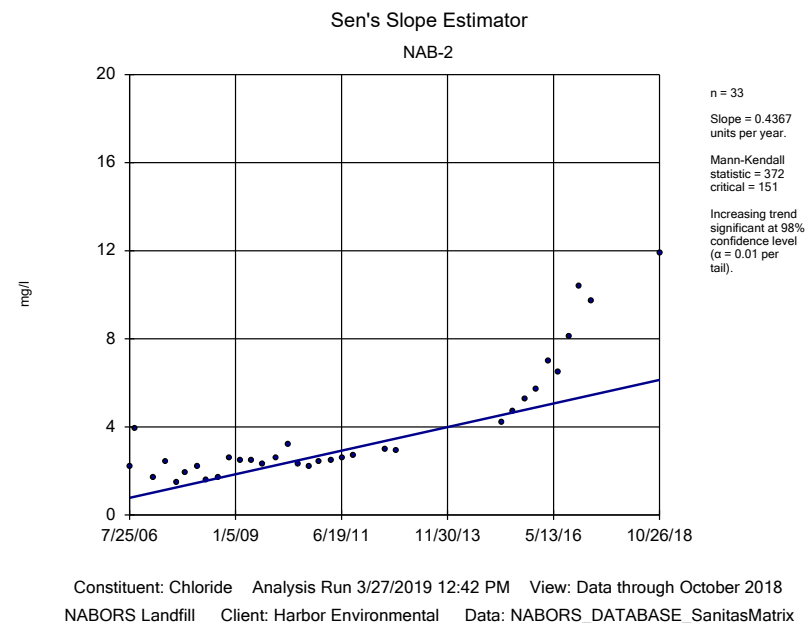
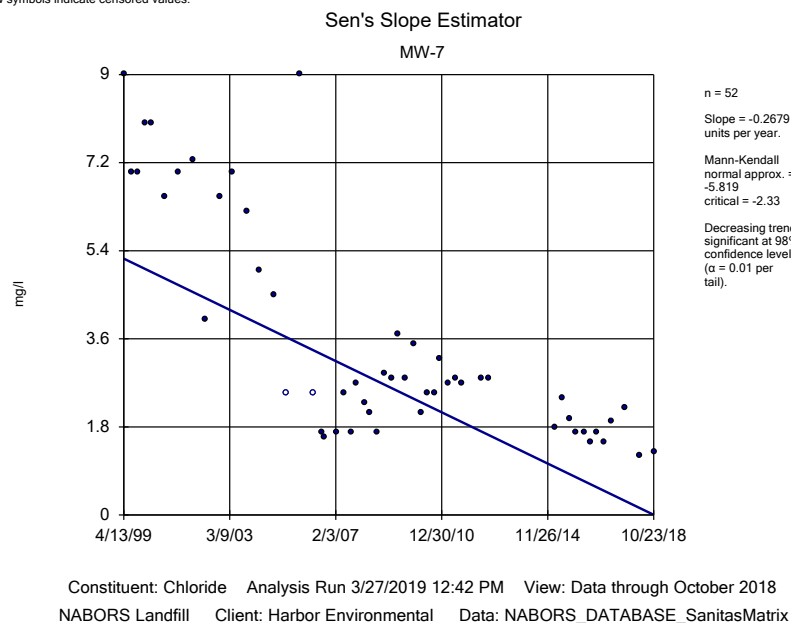
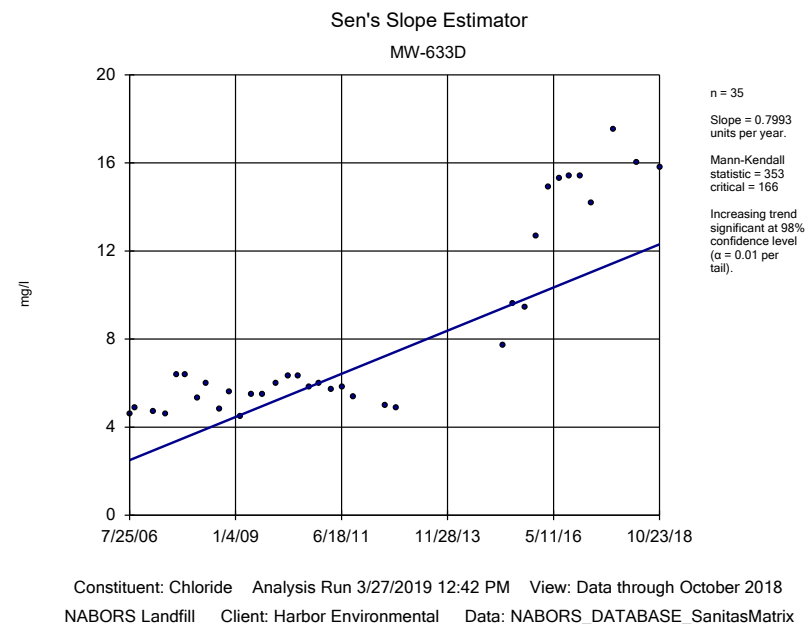
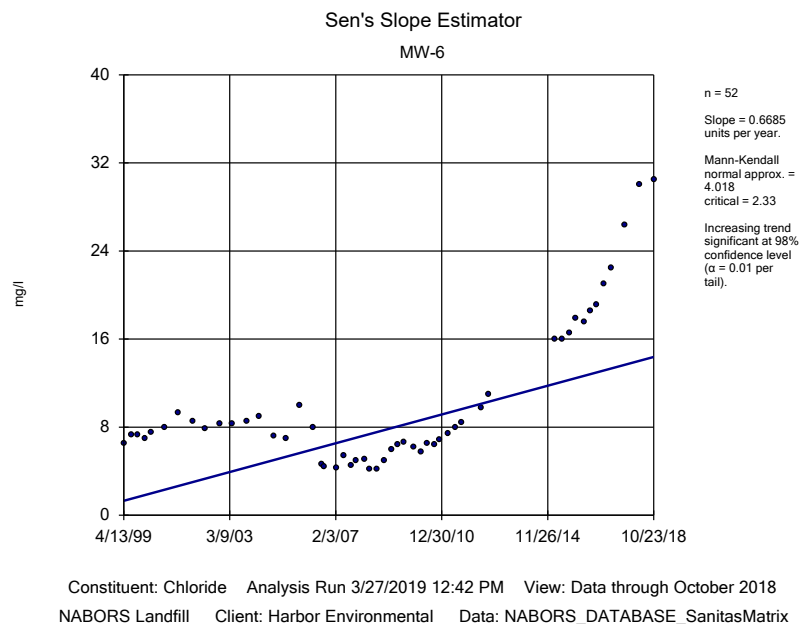
Constituent: Cadmium Analysis Run 3/27/2019 12:41 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

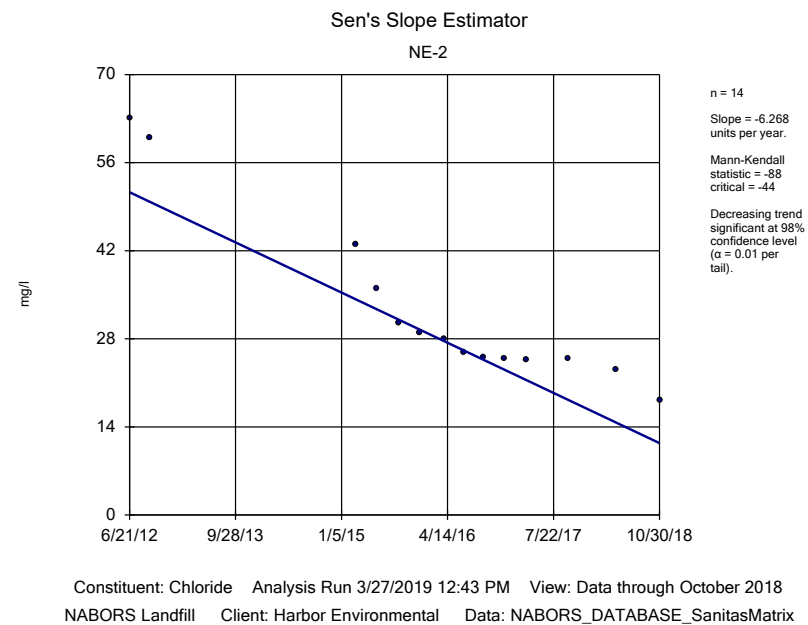
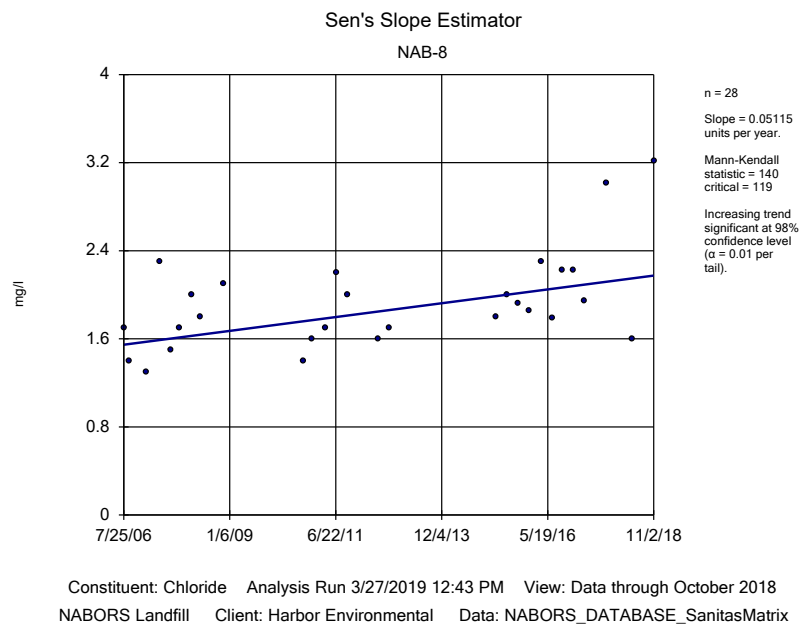
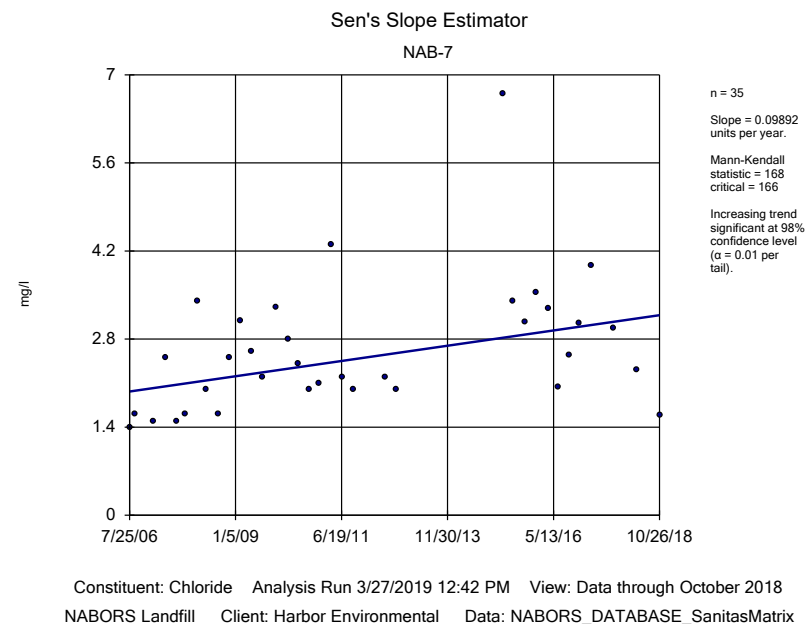
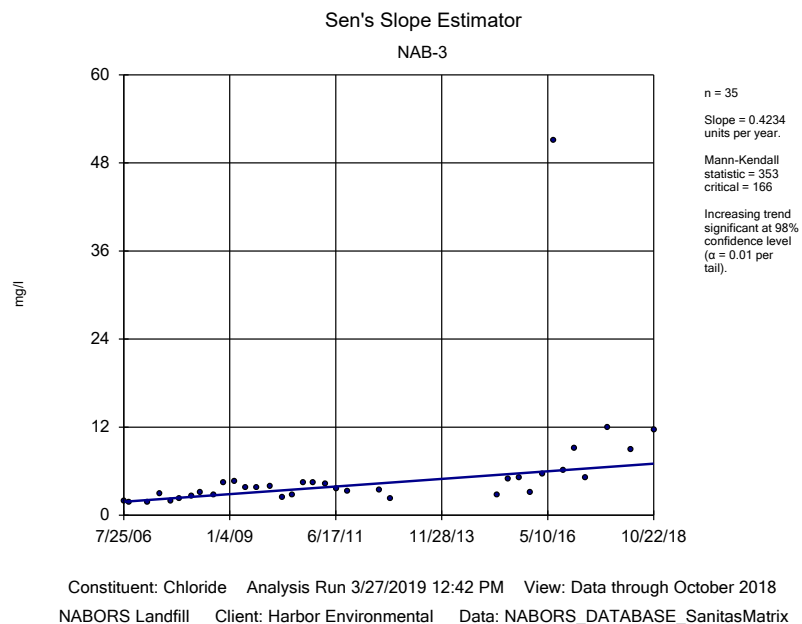


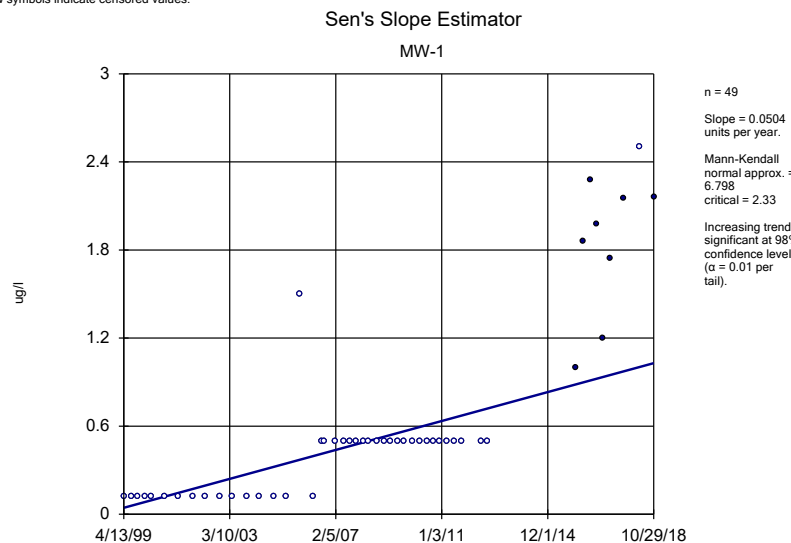
Constituent: Cadmium Analysis Run 3/27/2019 12:41 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



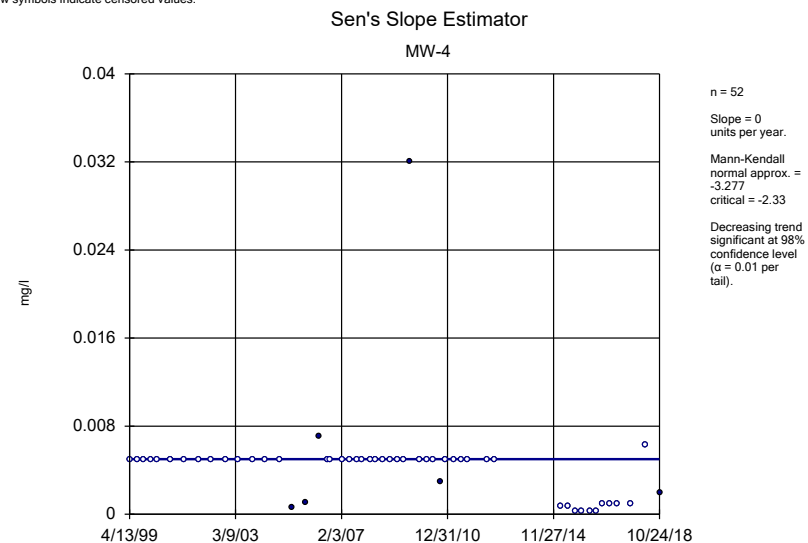




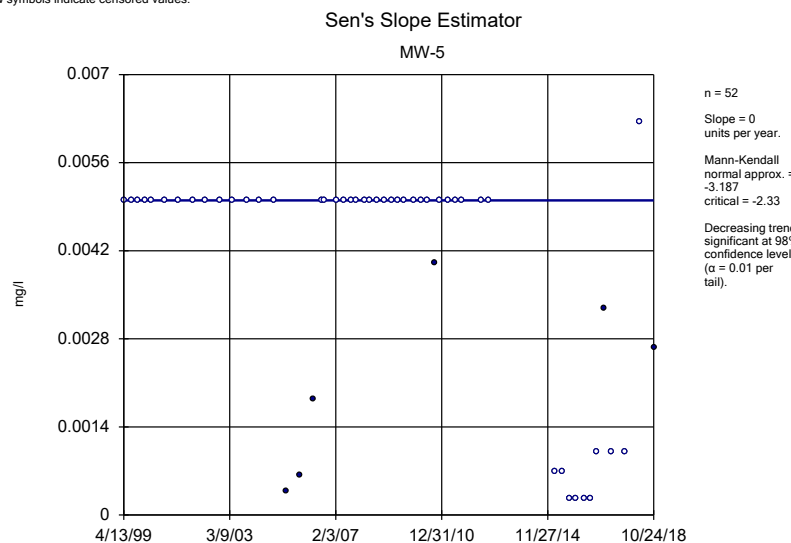




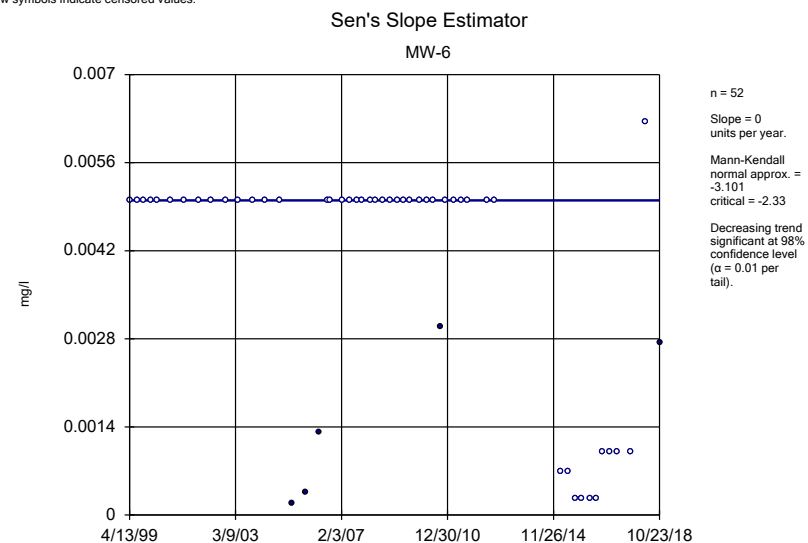
Constituent: Chlorobenzene Analysis Run 3/27/2019 12:43 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



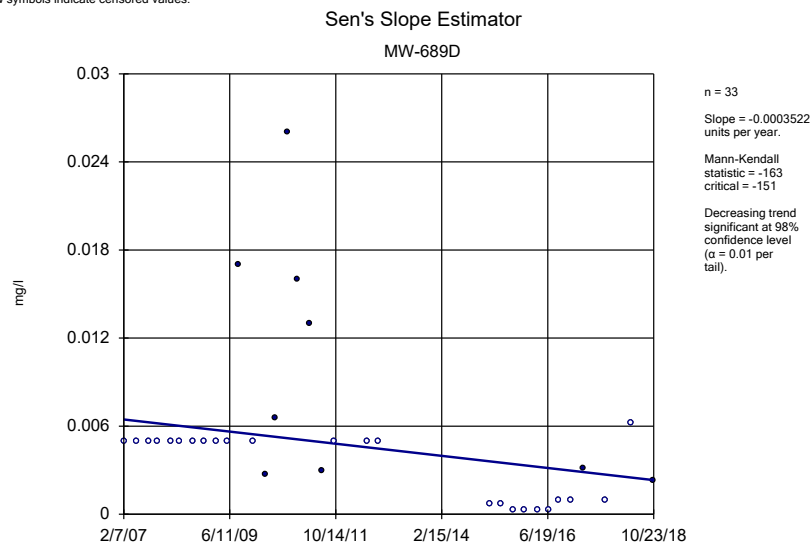
Constituent: Chromium Analysis Run 3/27/2019 12:43 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



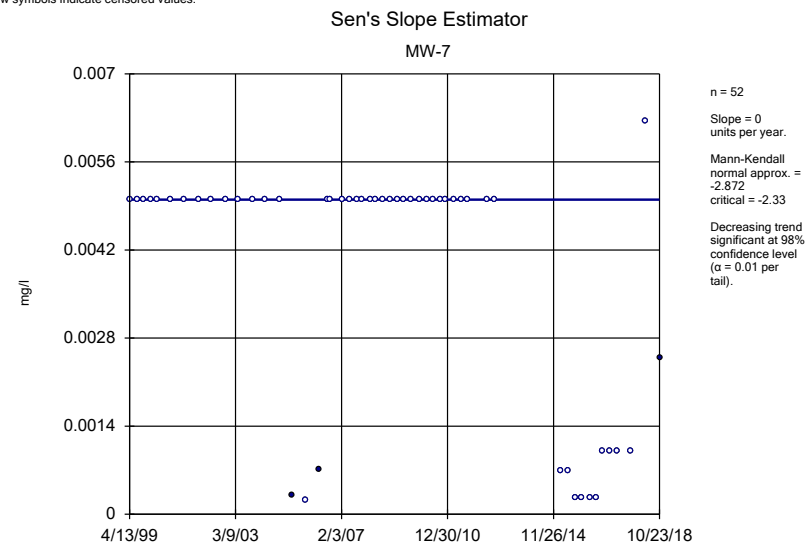
Constituent: Chromium Analysis Run 3/27/2019 12:43 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



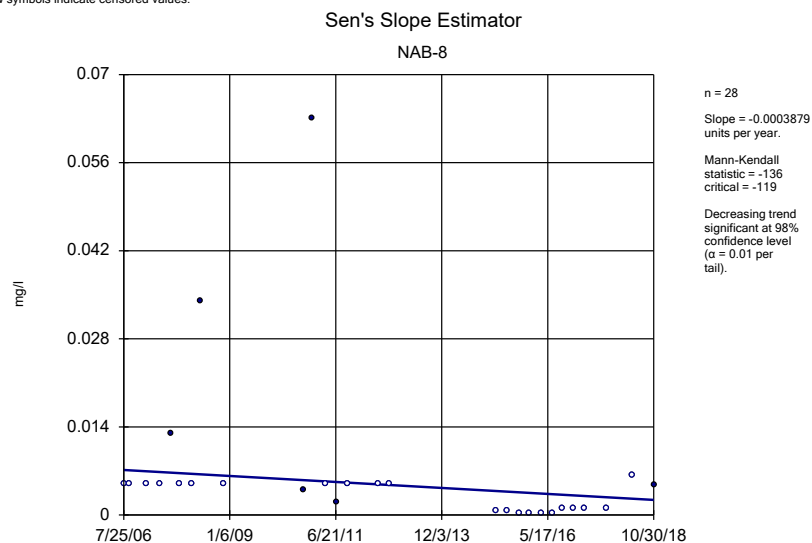
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



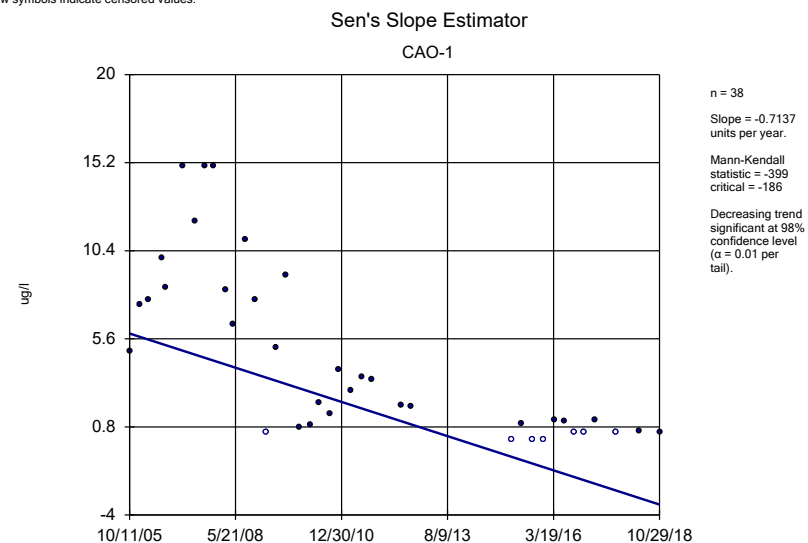
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



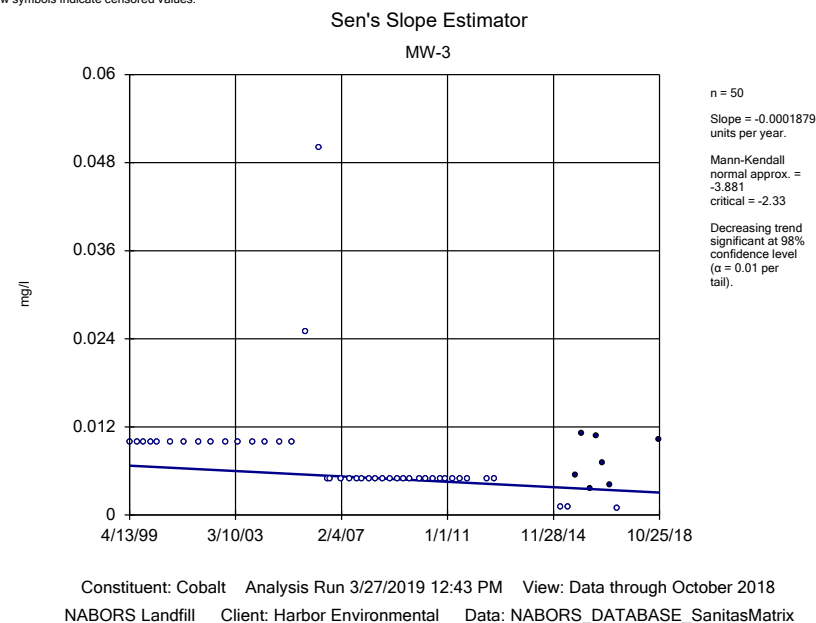
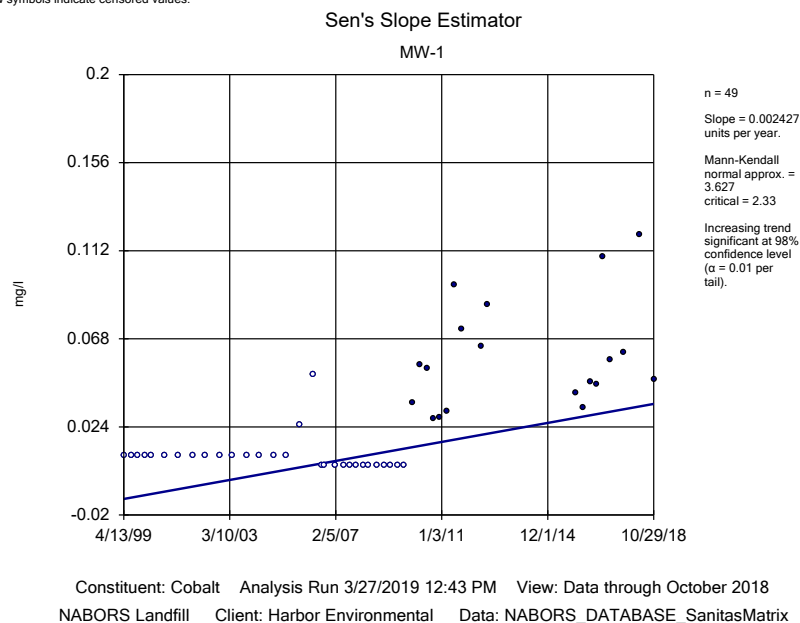
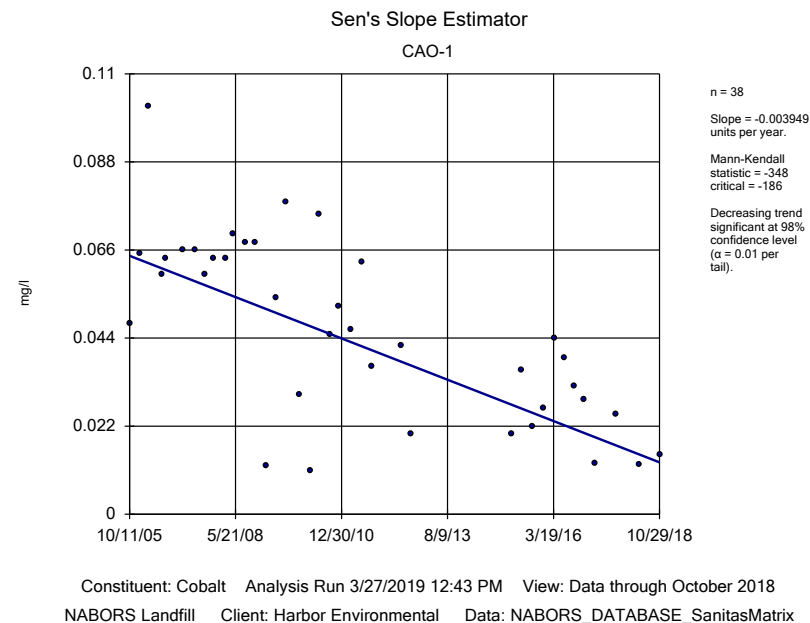
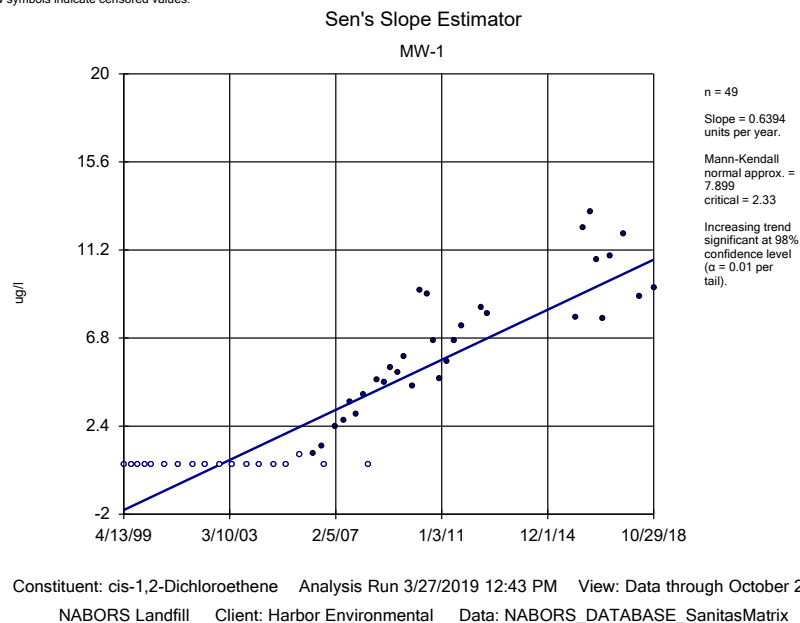
Constituent: Chromium Analysis Run 3/27/2019 12:43 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

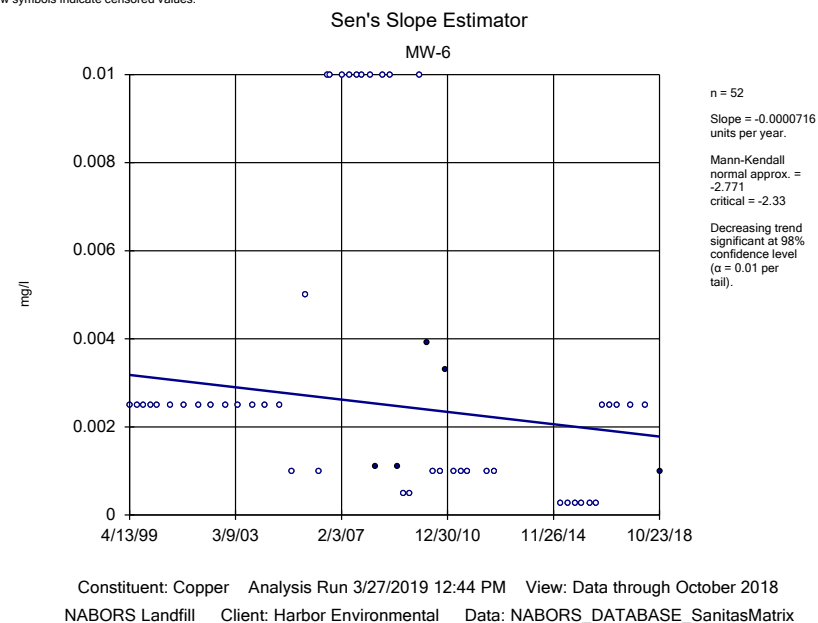
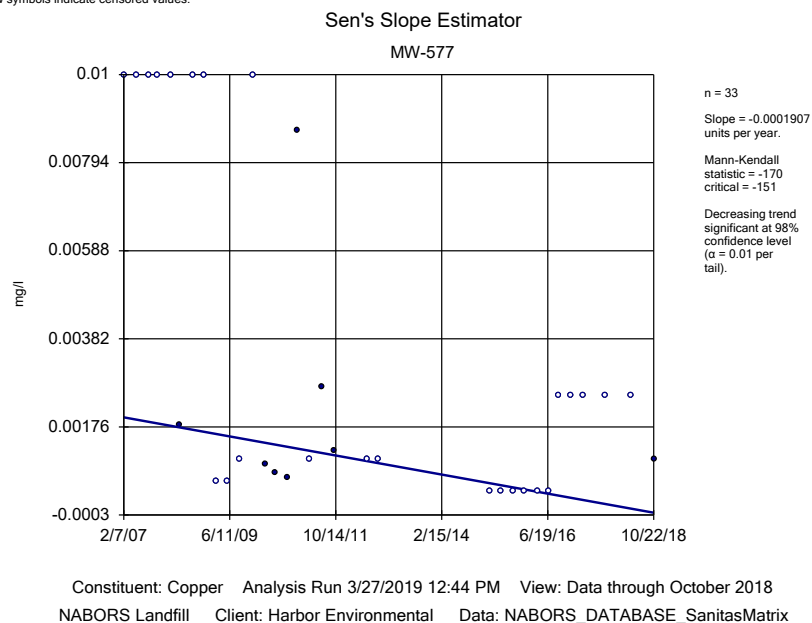
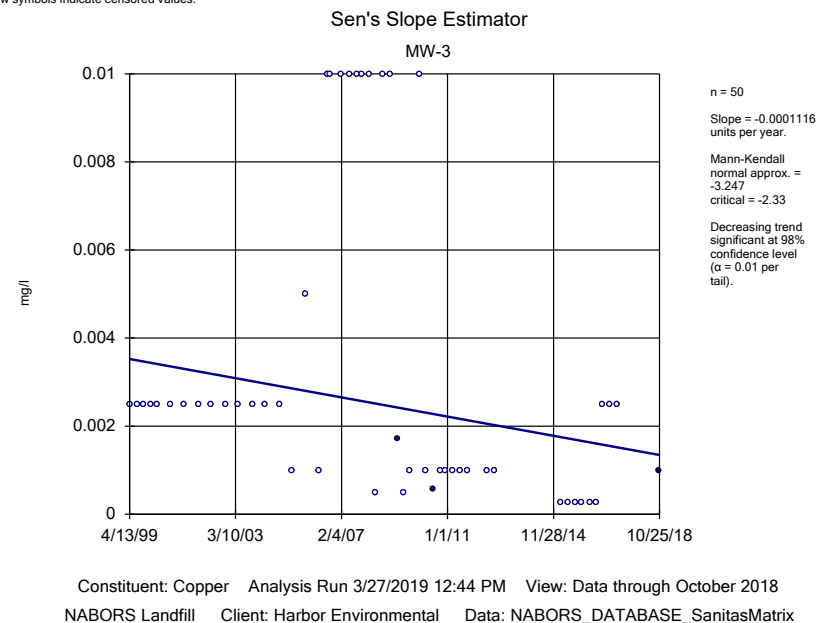
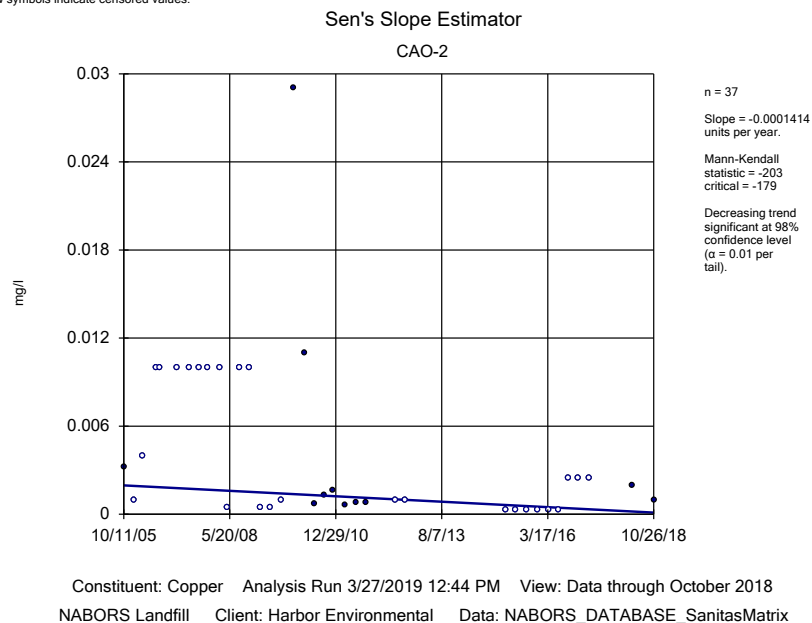


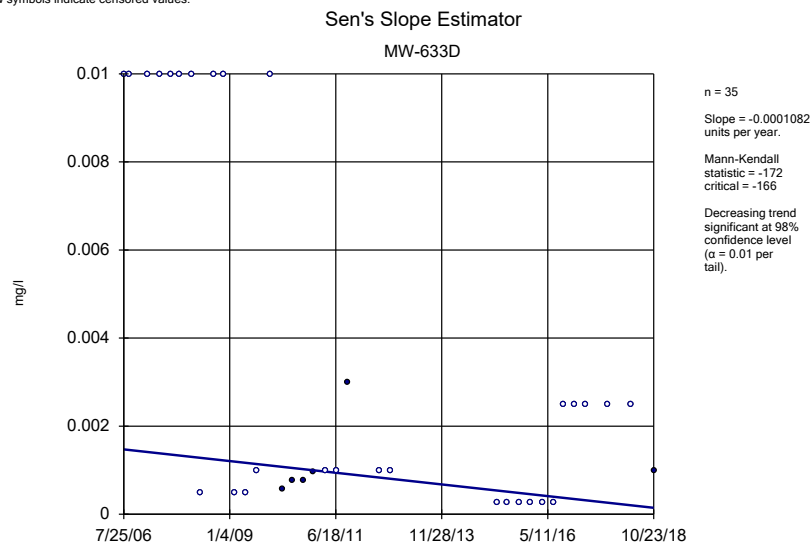
Constituent: Chromium Analysis Run 3/27/2019 12:43 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



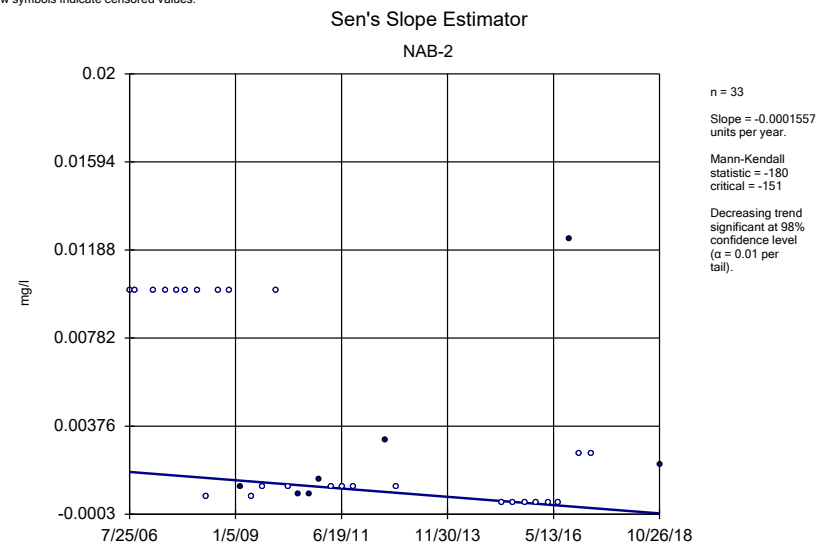
Constituent: cis-1,2-Dichloroethene Analysis Run 3/27/2019 12:43 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



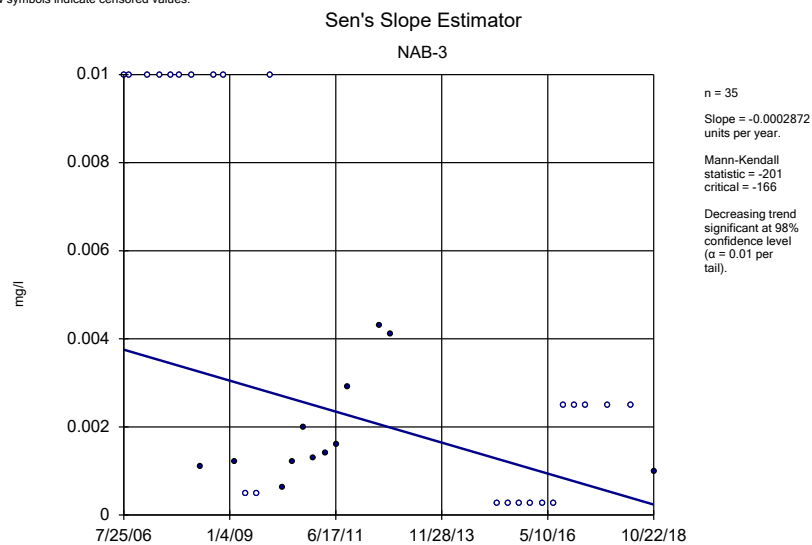




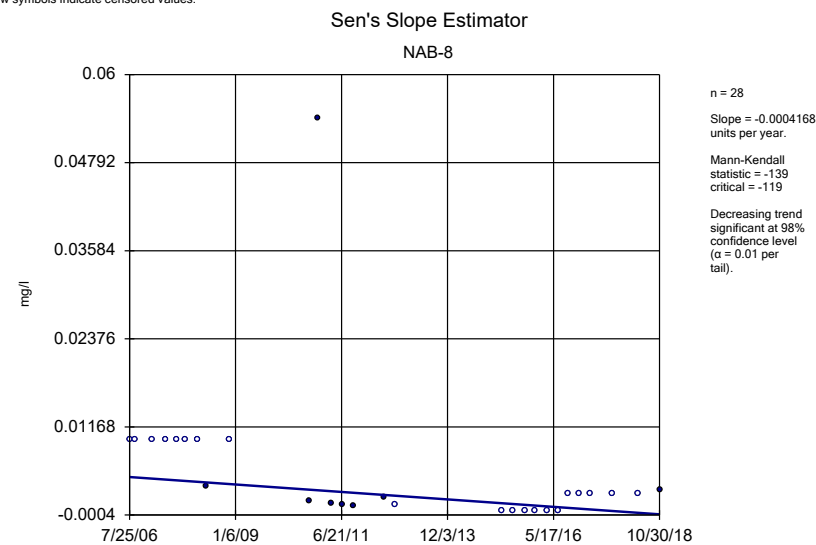
Constituent: Copper Analysis Run 3/27/2019 12:44 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



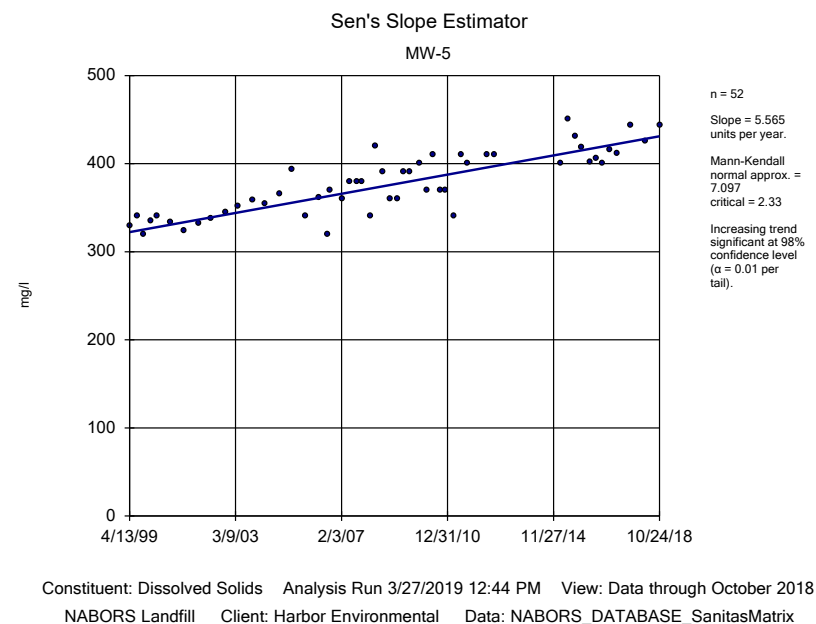
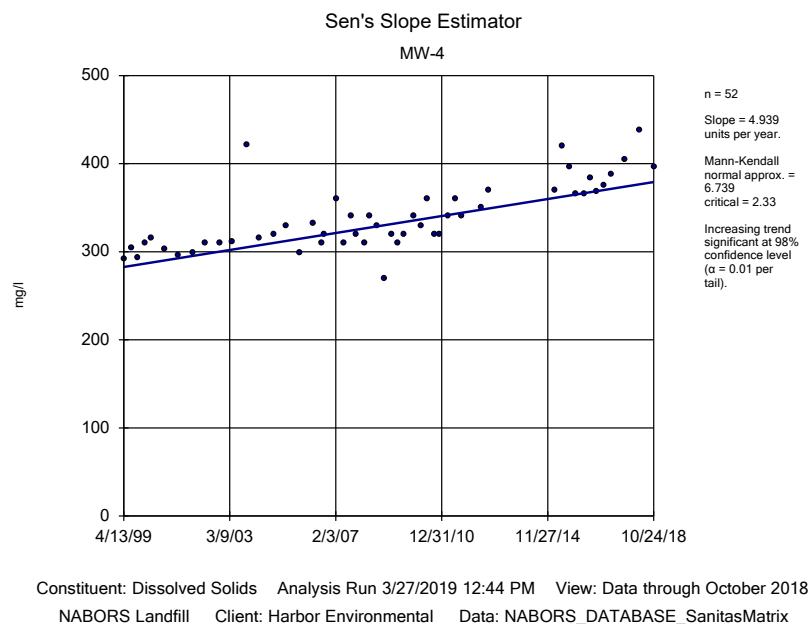
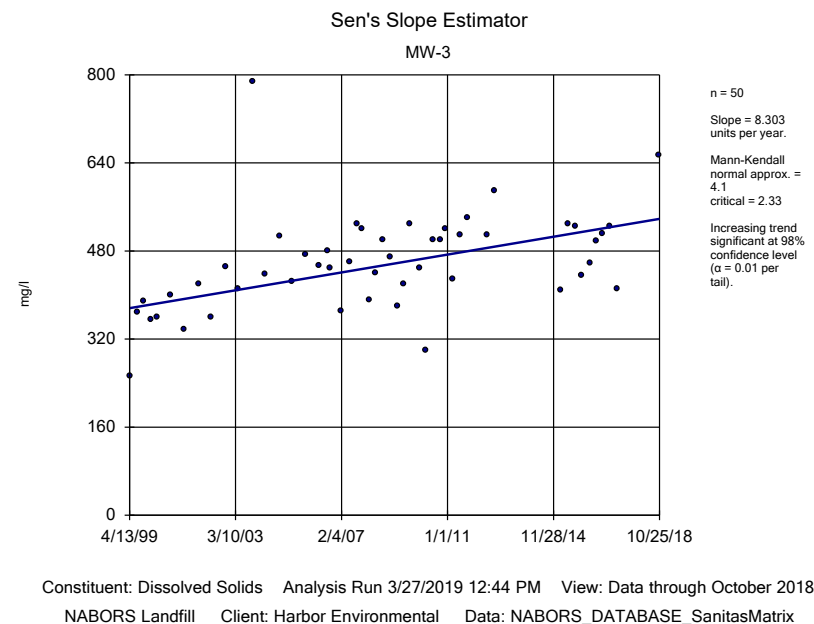
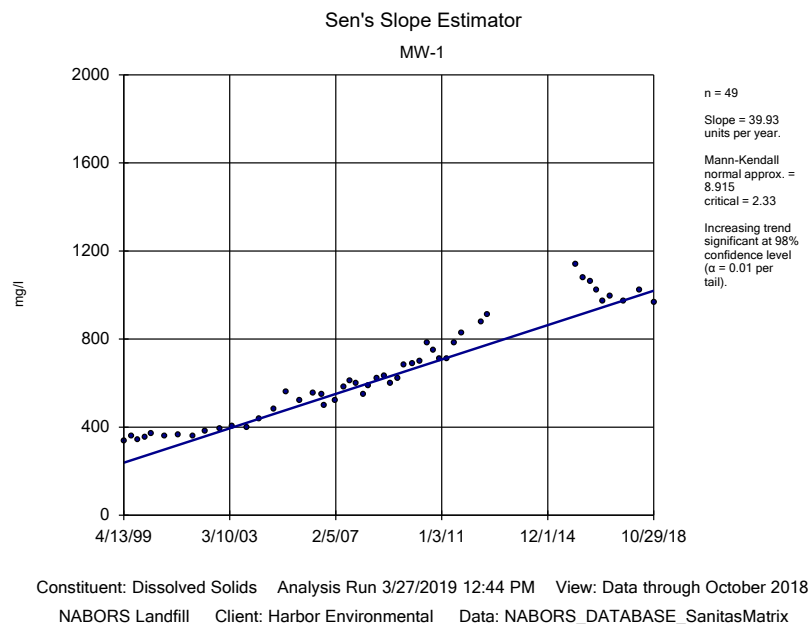
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

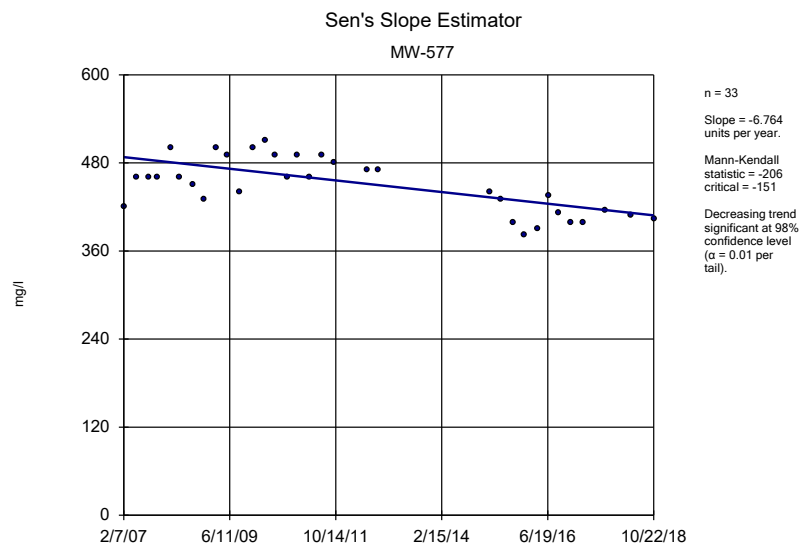


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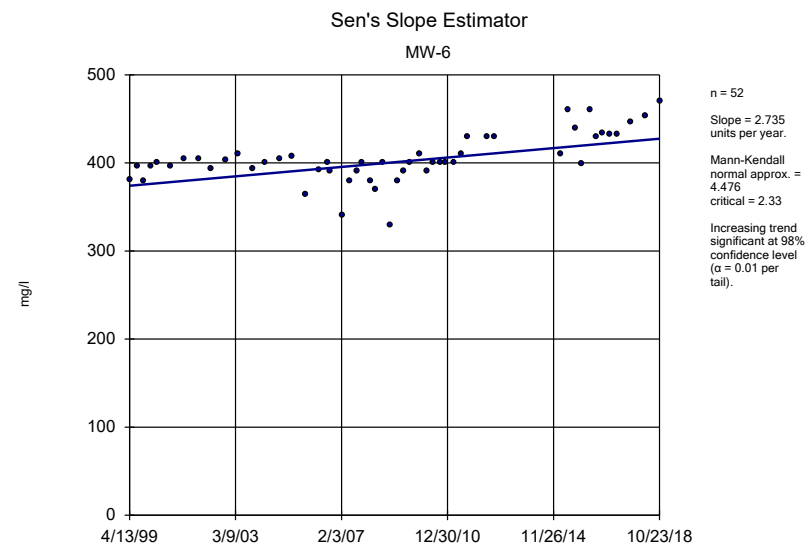


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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

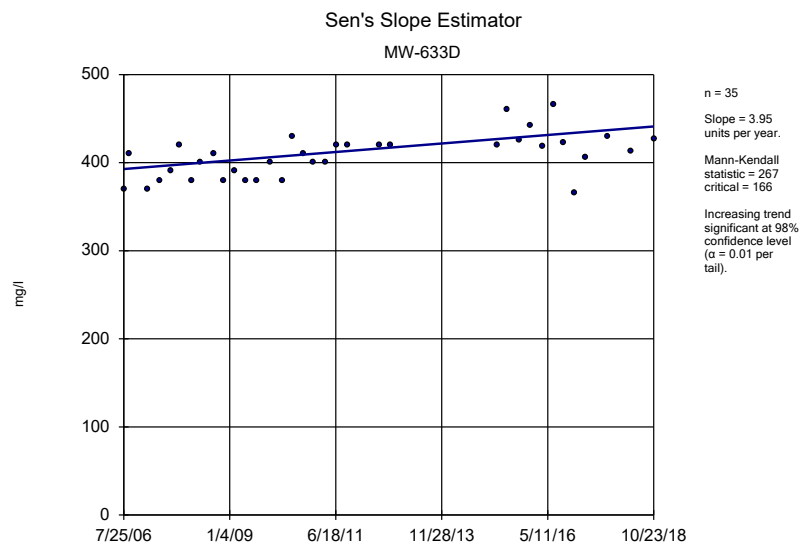




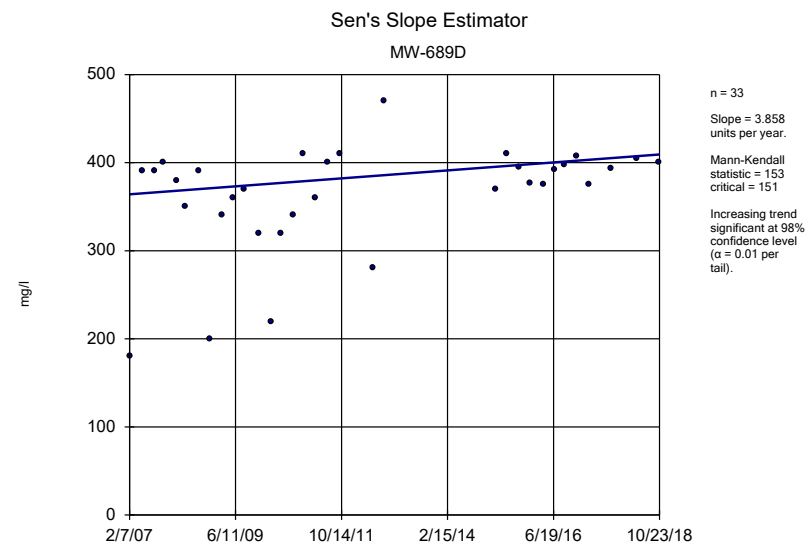
Constituent: Dissolved Solids Analysis Run 3/27/2019 12:45 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



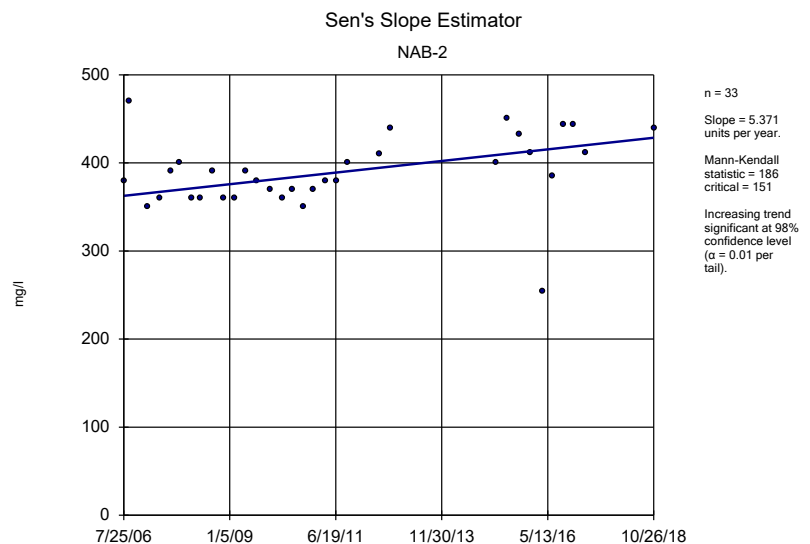
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



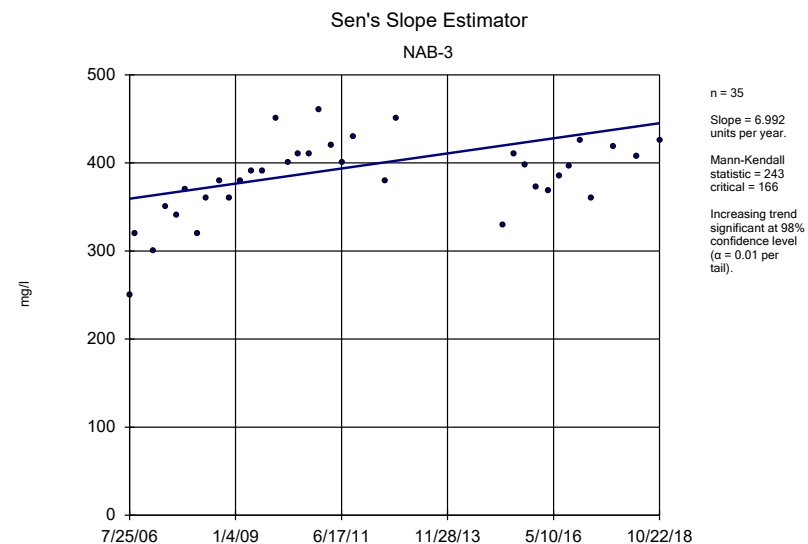
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



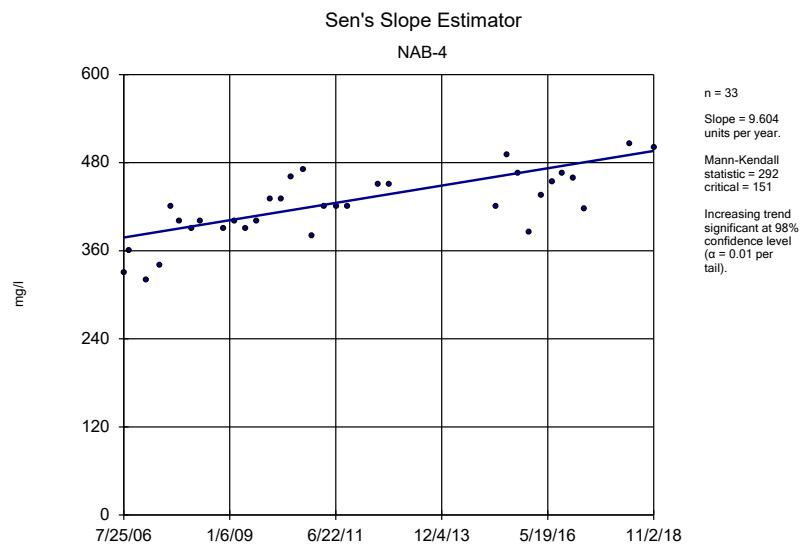
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



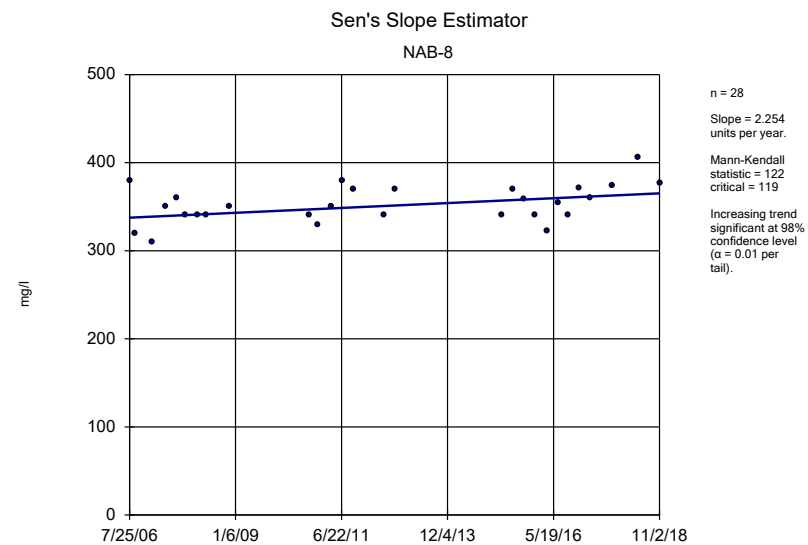
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NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



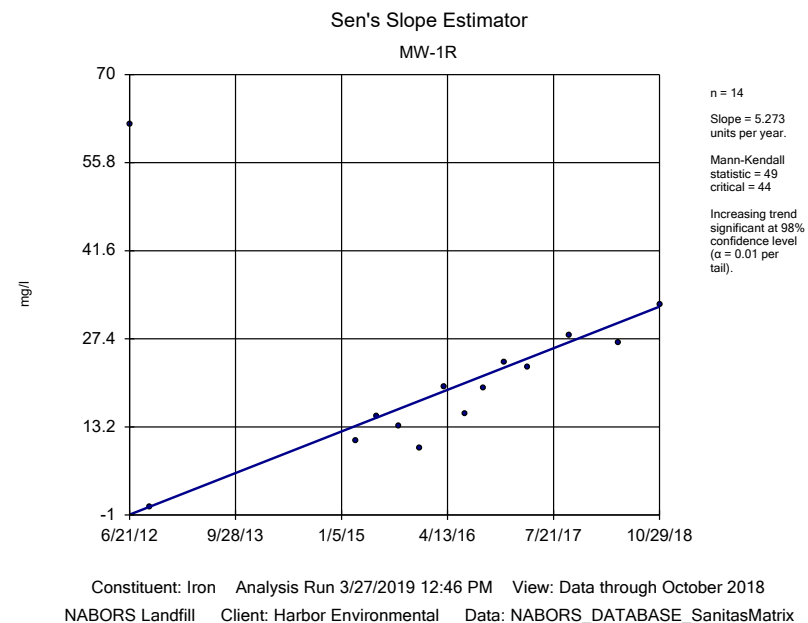
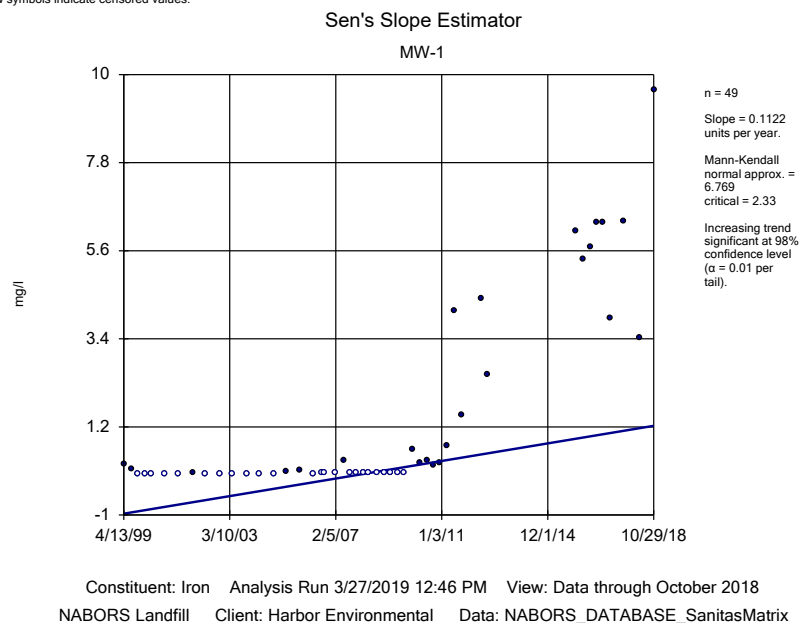
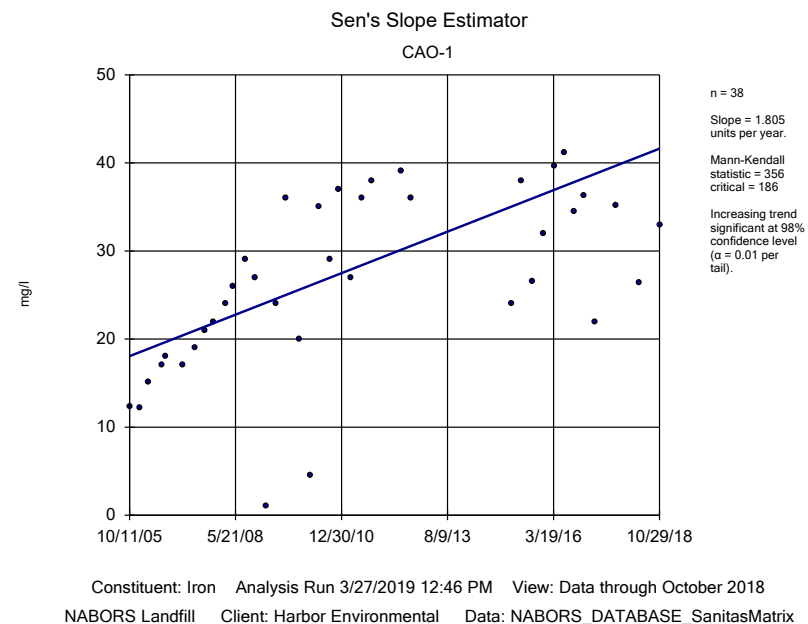
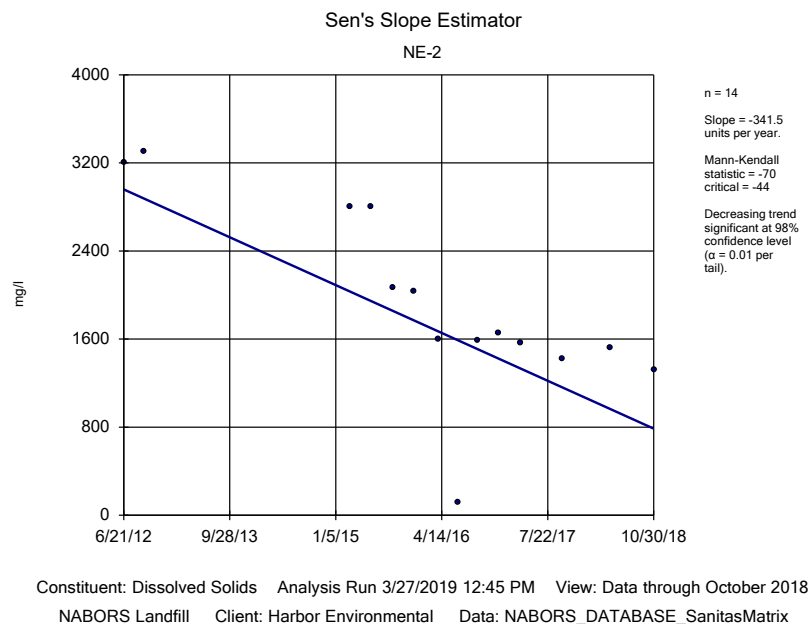
Constituent: Dissolved Solids Analysis Run 3/27/2019 12:45 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Constituent: Dissolved Solids Analysis Run 3/27/2019 12:45 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

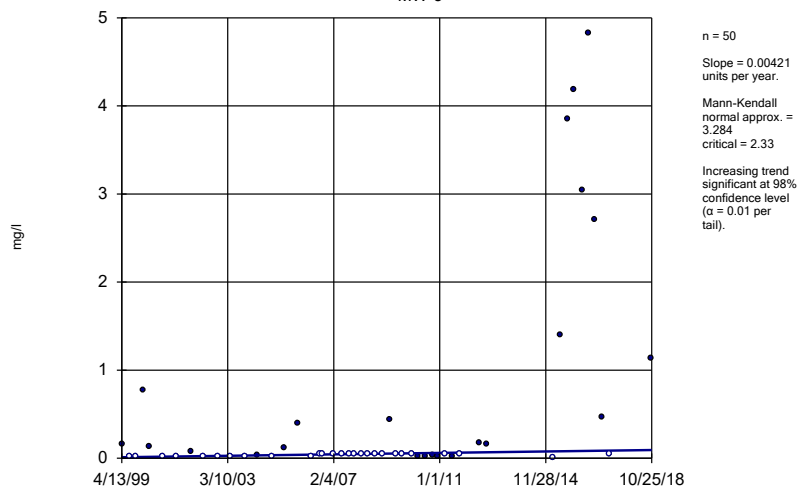


Constituent: Dissolved Solids Analysis Run 3/27/2019 12:45 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Sen's Slope Estimator

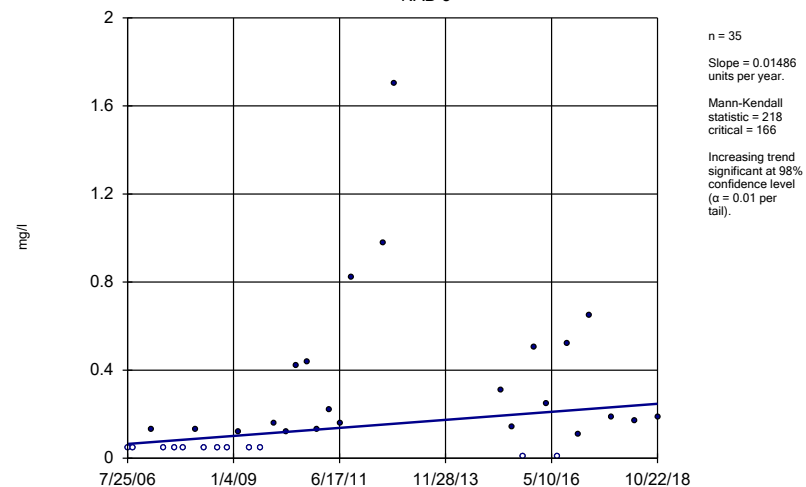
MW-3



Constituent: Iron Analysis Run 3/27/2019 12:46 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

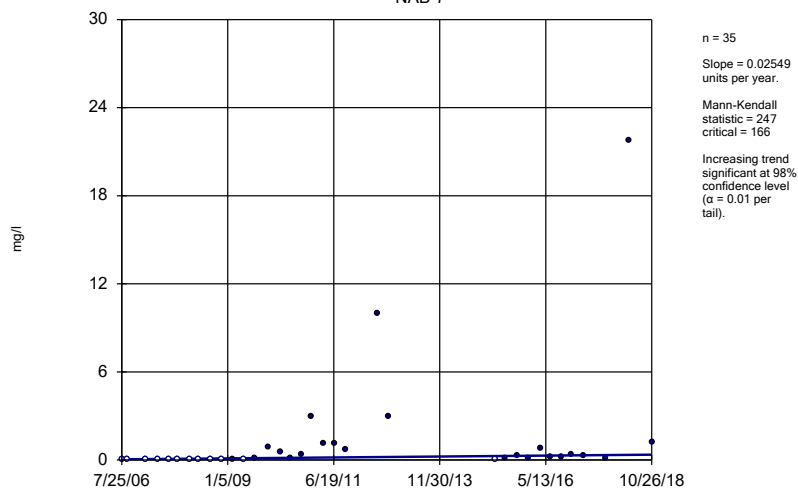
NAB-3



Constituent: Iron Analysis Run 3/27/2019 12:47 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

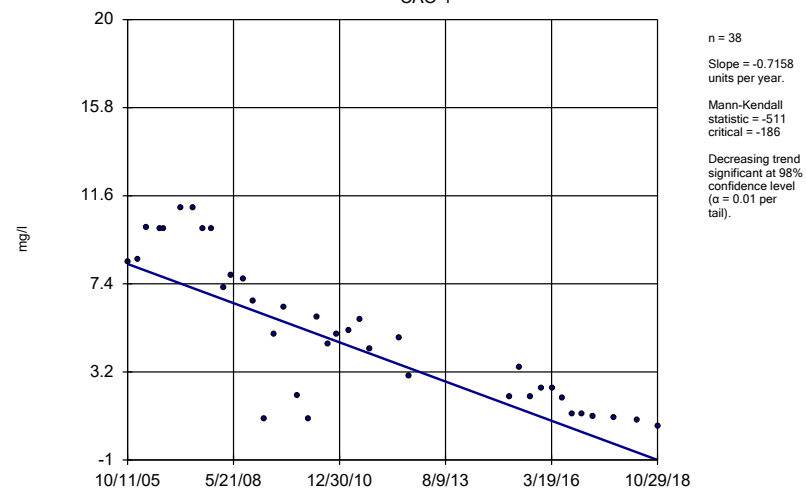
NAB-7



Constituent: Iron Analysis Run 3/27/2019 12:47 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

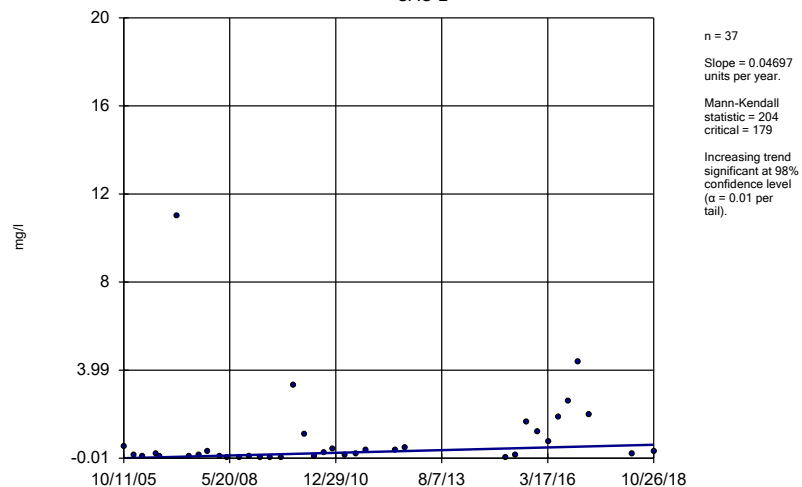
CAO-1



Constituent: Manganese Analysis Run 3/27/2019 12:47 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

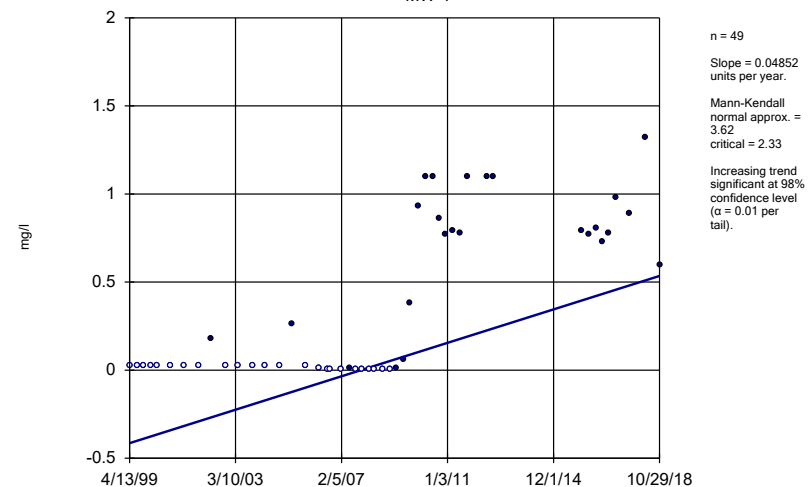
CAO-2



Constituent: Manganese Analysis Run 3/27/2019 12:47 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

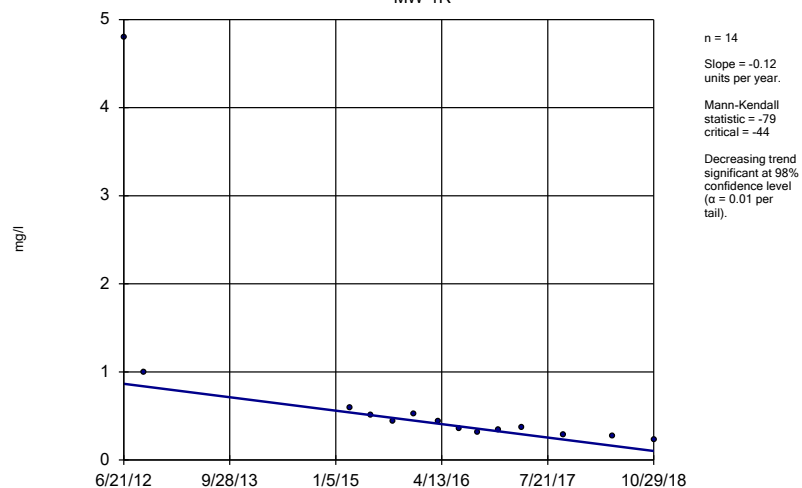
MW-1



Constituent: Manganese Analysis Run 3/27/2019 12:47 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

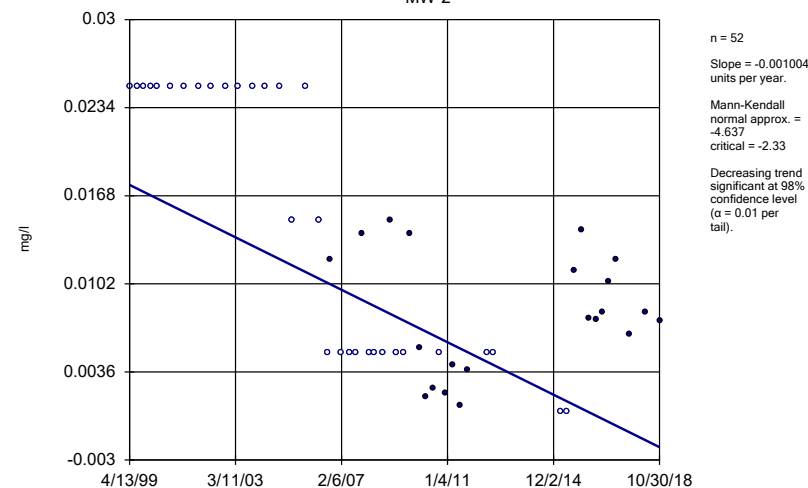
MW-1R



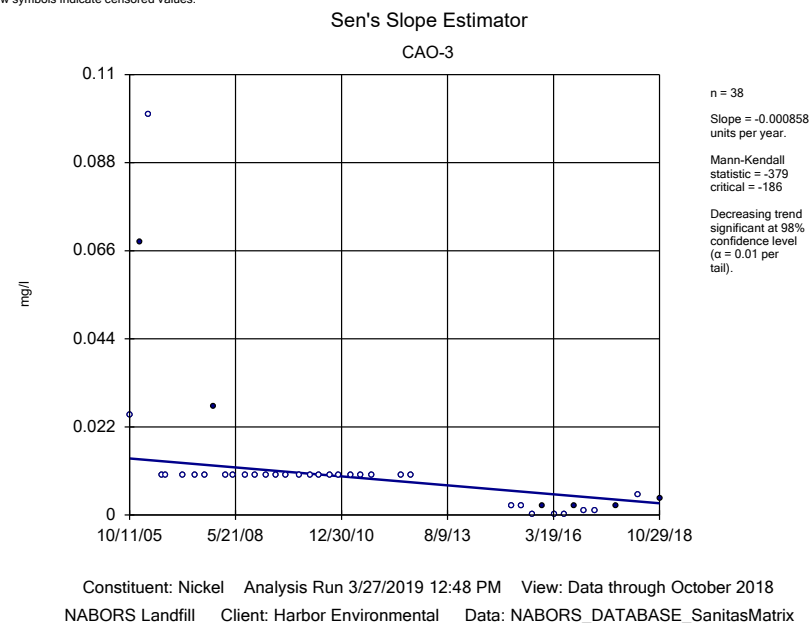
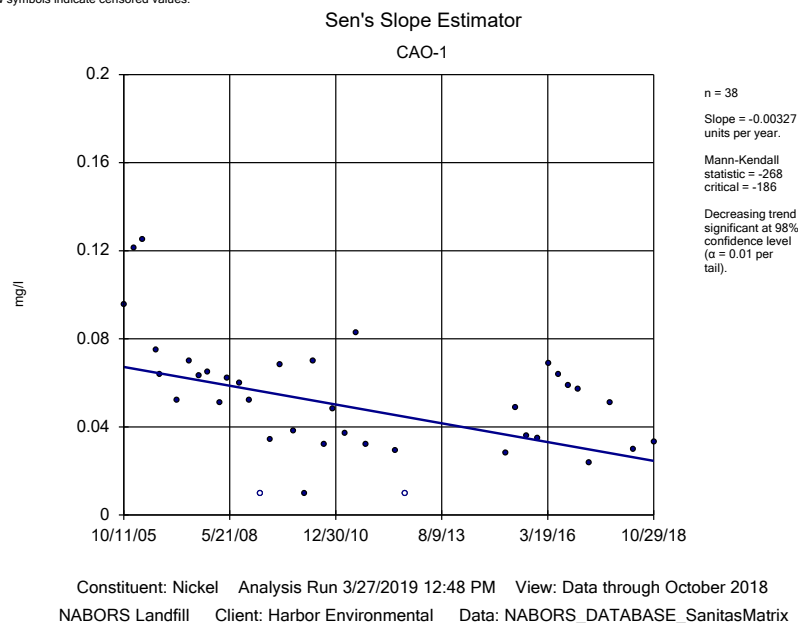
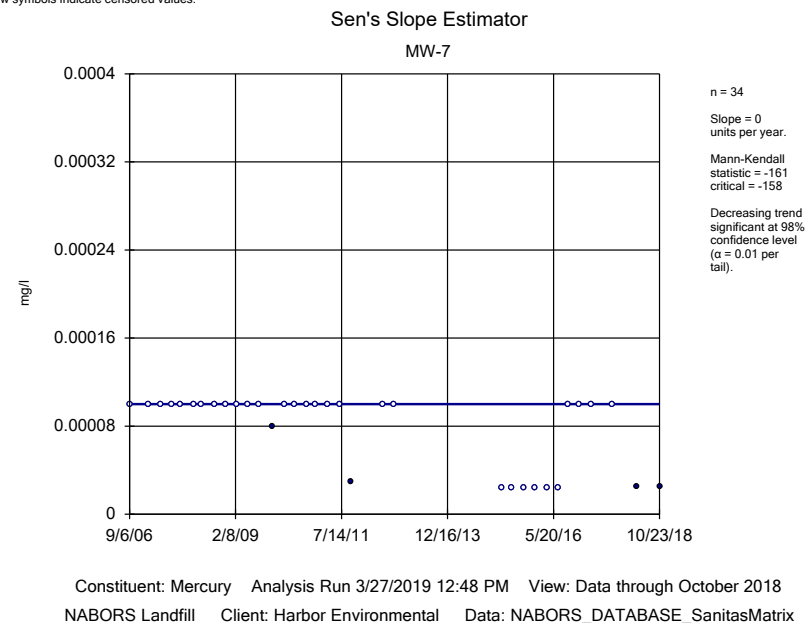
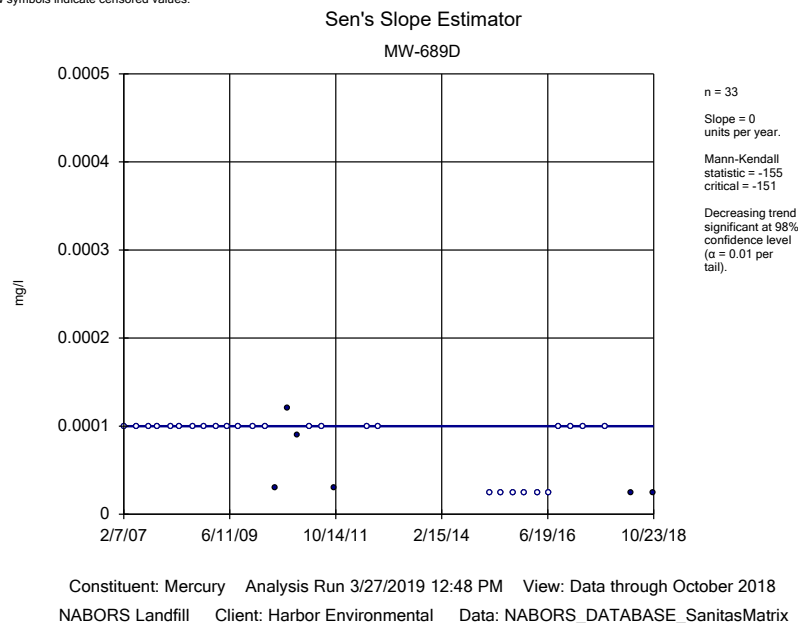
Constituent: Manganese Analysis Run 3/27/2019 12:47 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

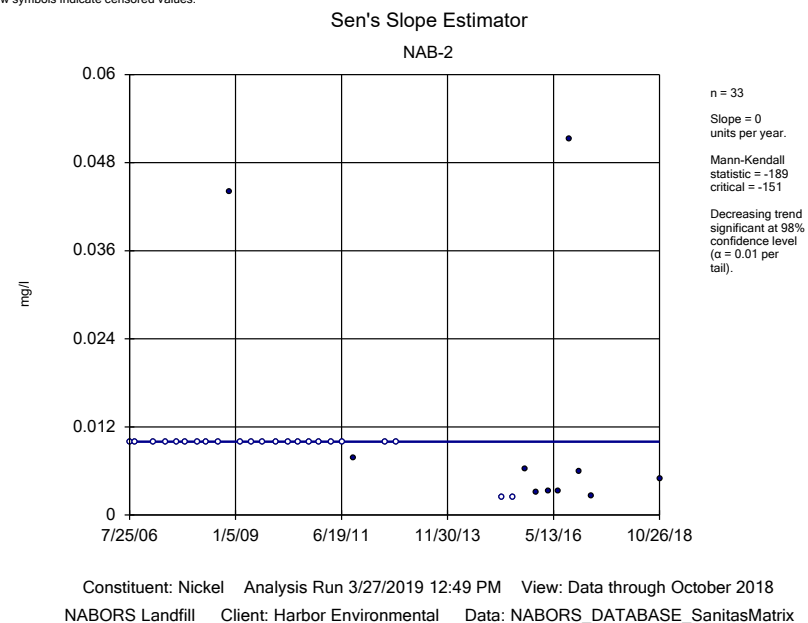
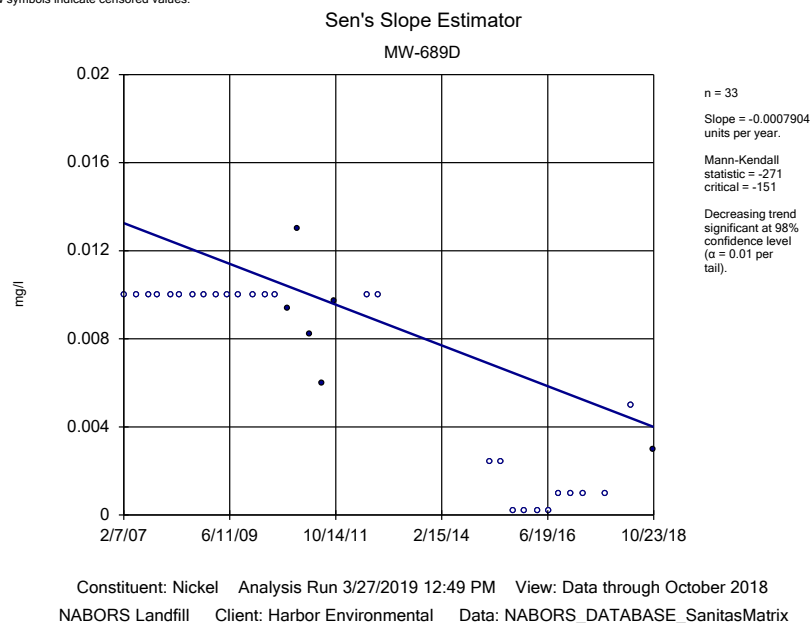
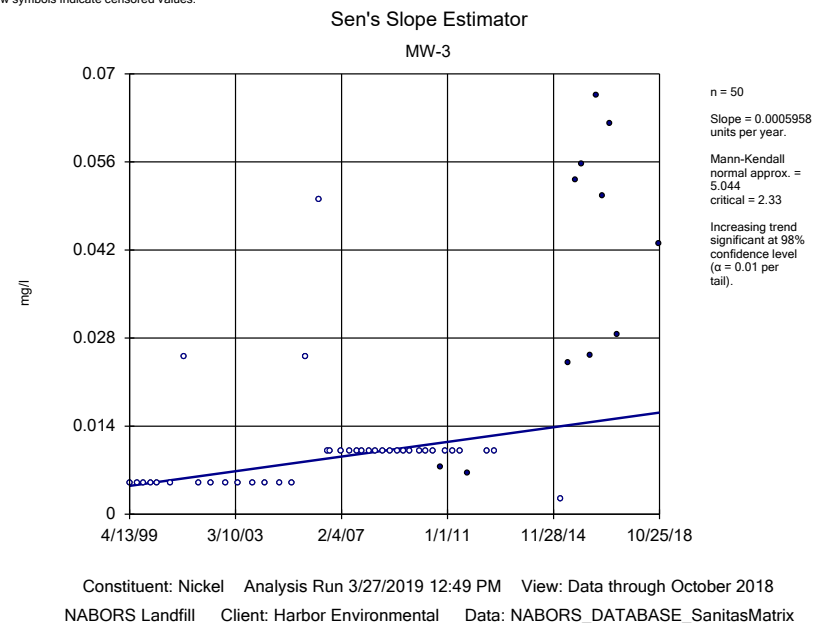
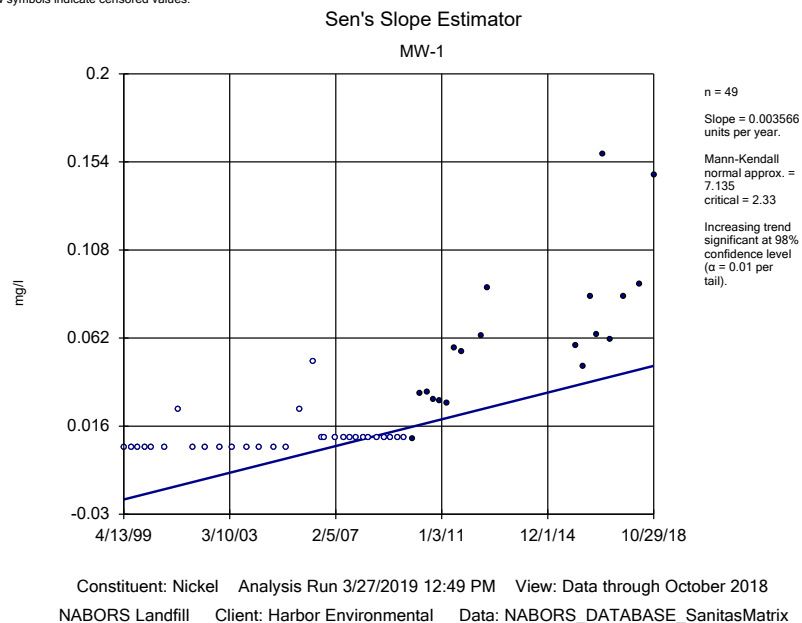
Sen's Slope Estimator

MW-2



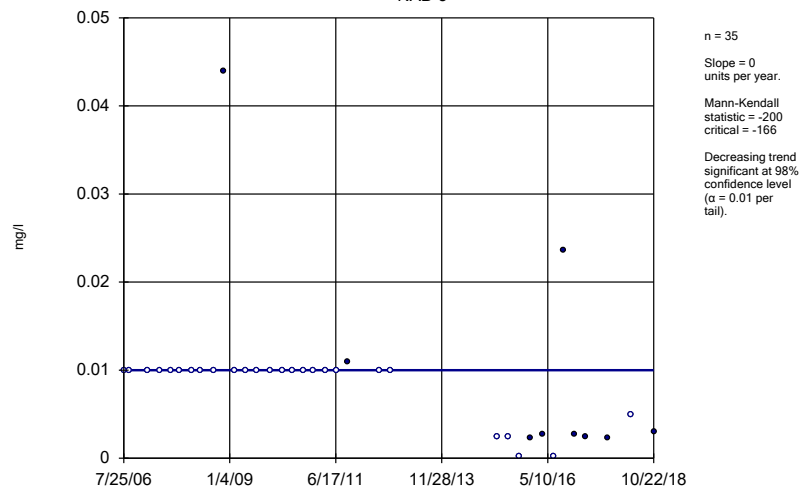
Constituent: Manganese Analysis Run 3/27/2019 12:47 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix





Sen's Slope Estimator

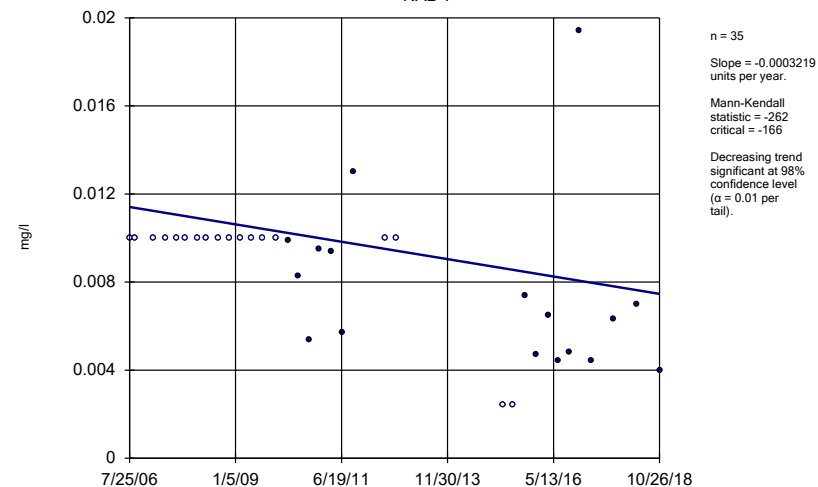
NAB-3



Constituent: Nickel Analysis Run 3/27/2019 12:49 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

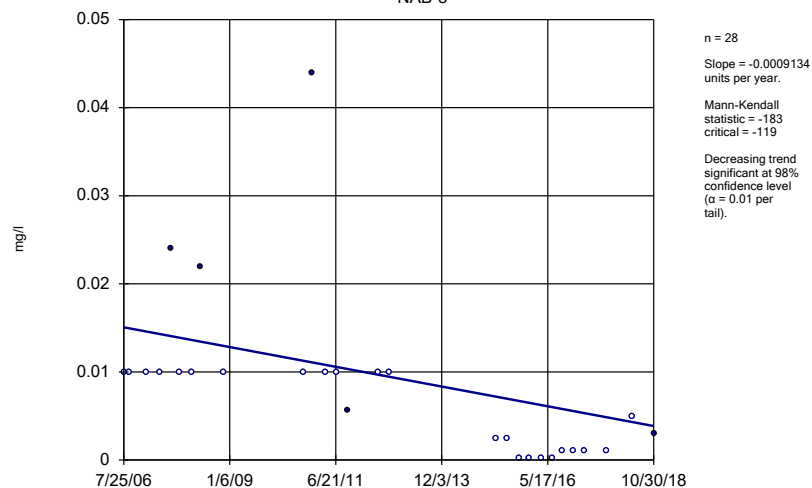
NAB-7



Constituent: Nickel Analysis Run 3/27/2019 12:49 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

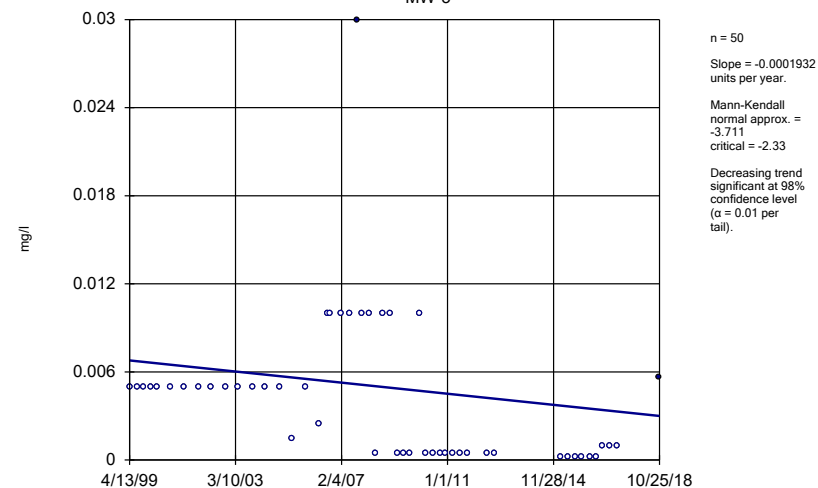
NAB-8



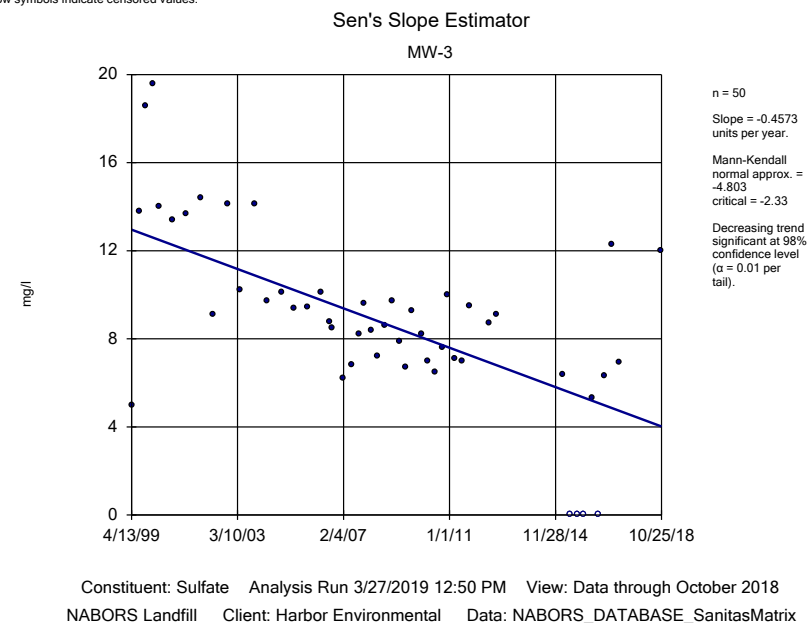
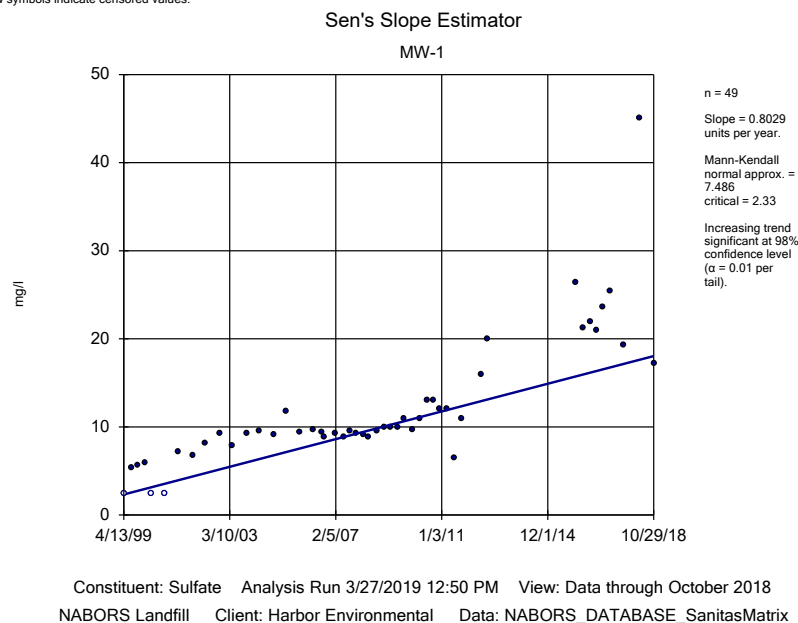
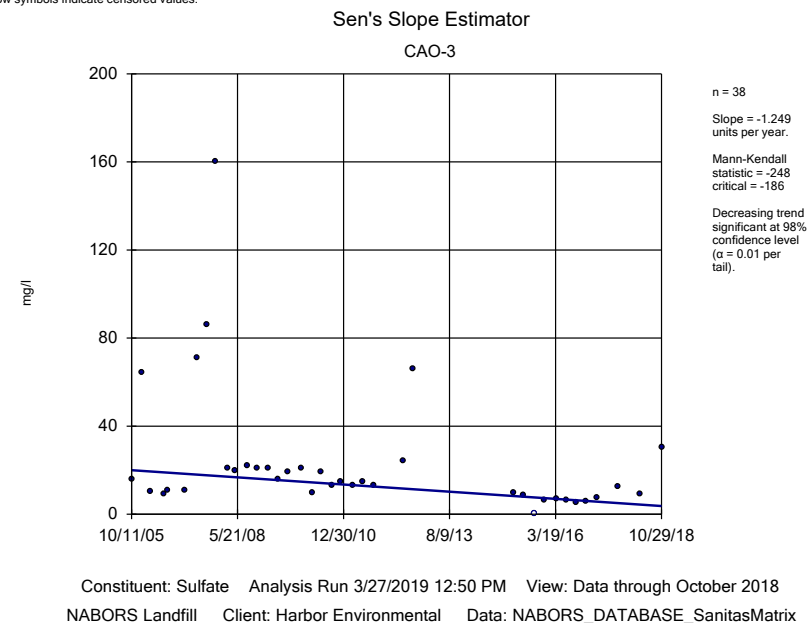
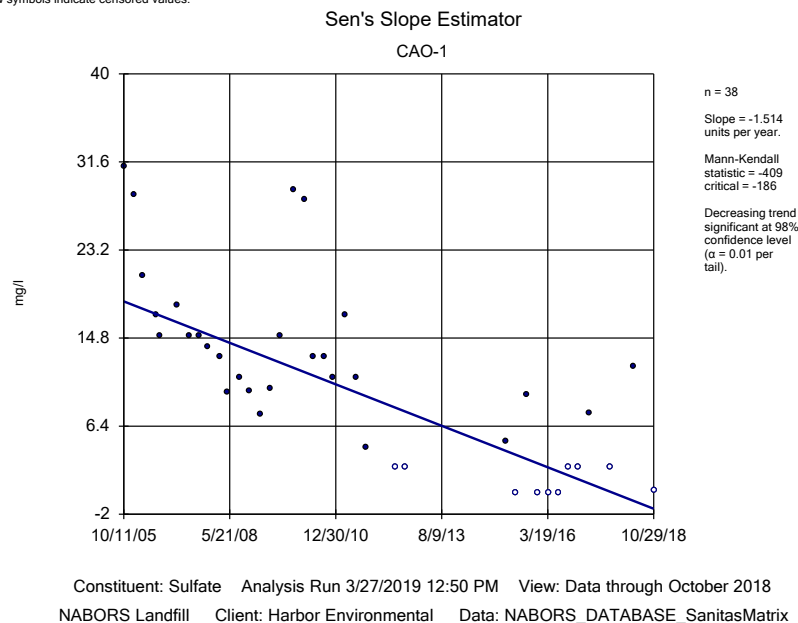
Constituent: Nickel Analysis Run 3/27/2019 12:49 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

MW-3

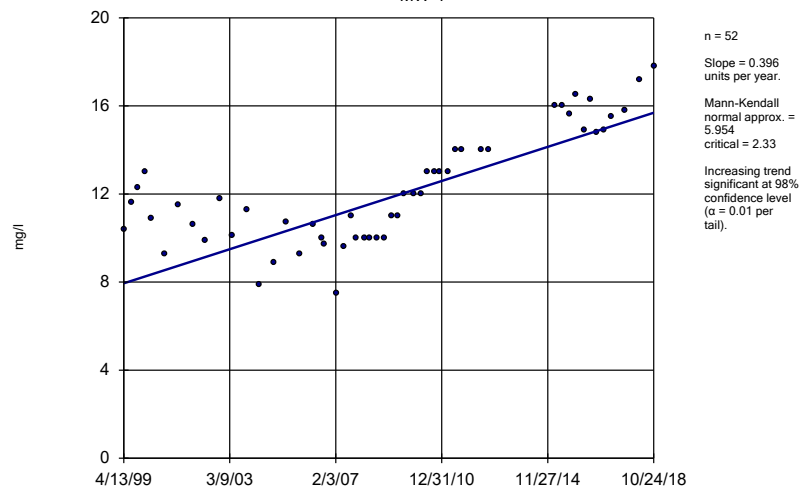


Constituent: Selenium Analysis Run 3/27/2019 12:50 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Sen's Slope Estimator

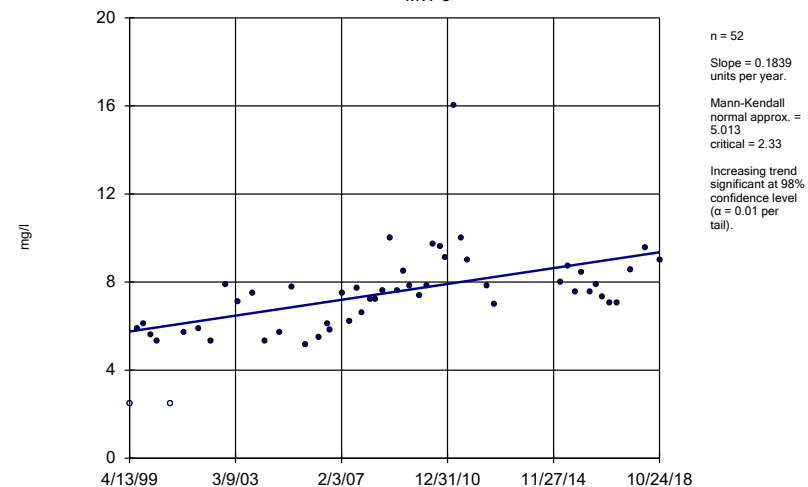
MW-4



Constituent: Sulfate Analysis Run 3/27/2019 12:50 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

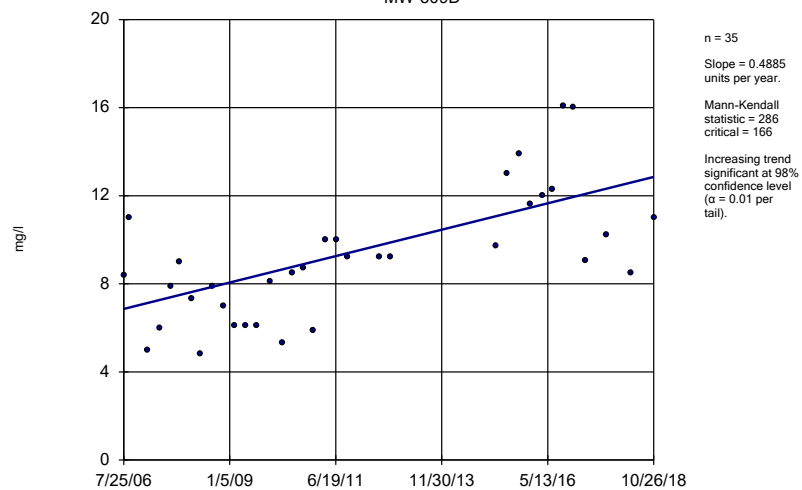
MW-5



Constituent: Sulfate Analysis Run 3/27/2019 12:50 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

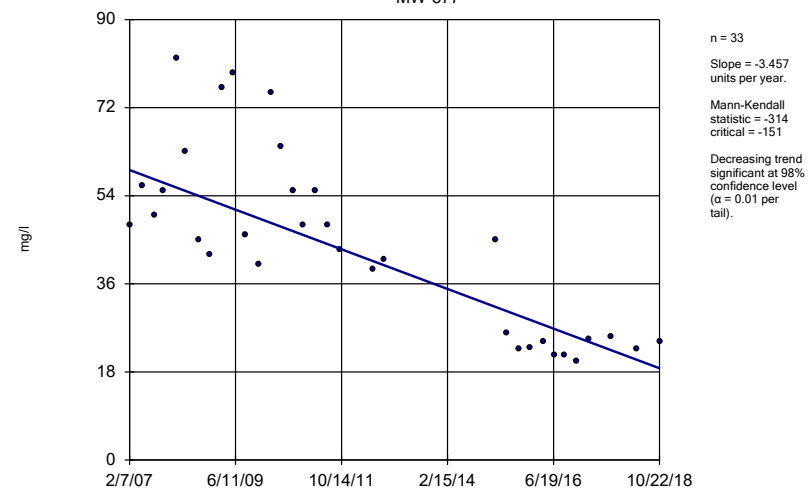
MW-509D



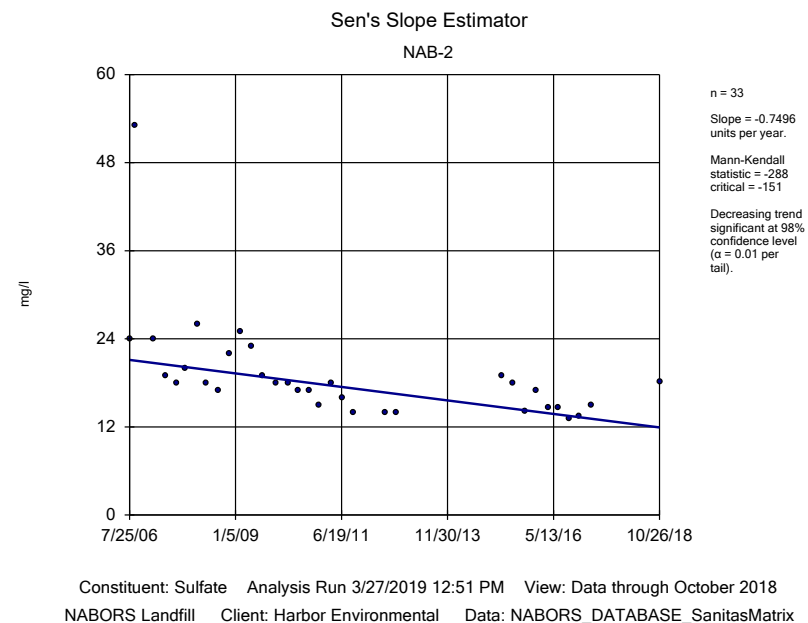
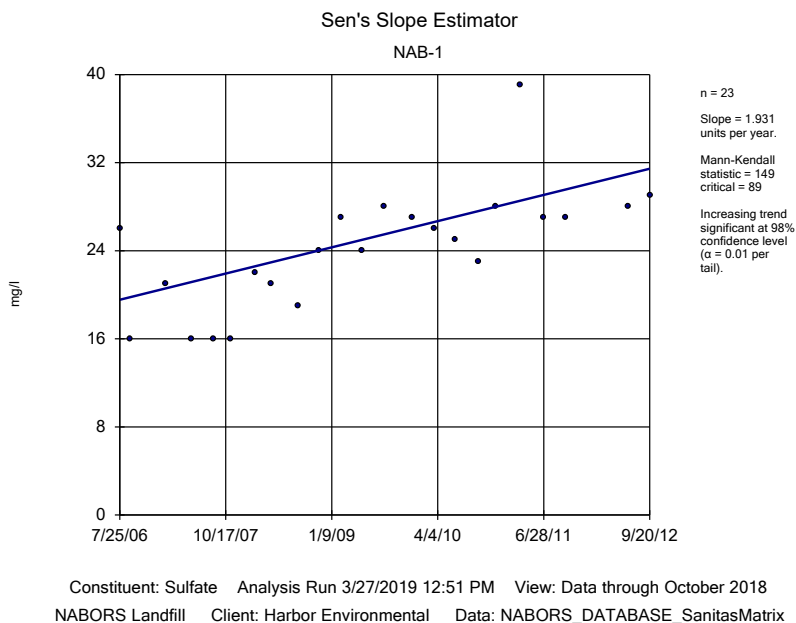
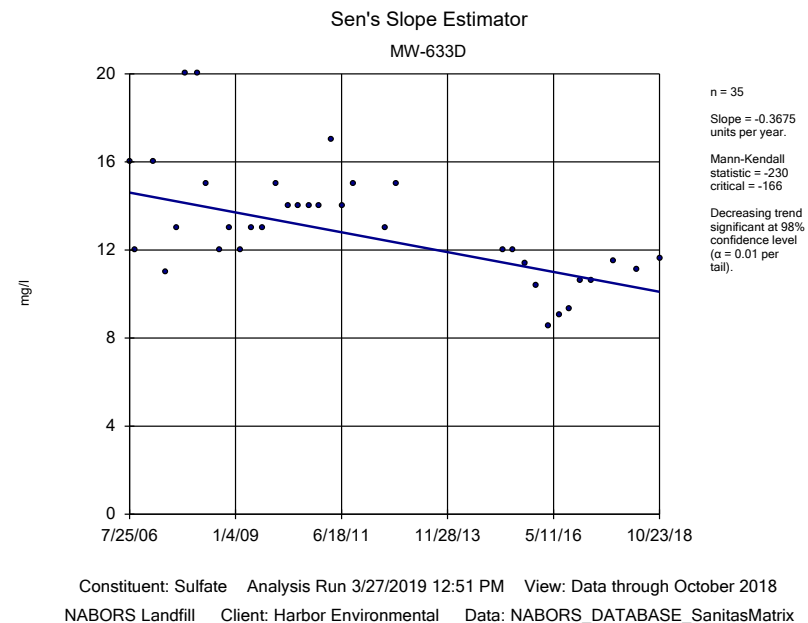
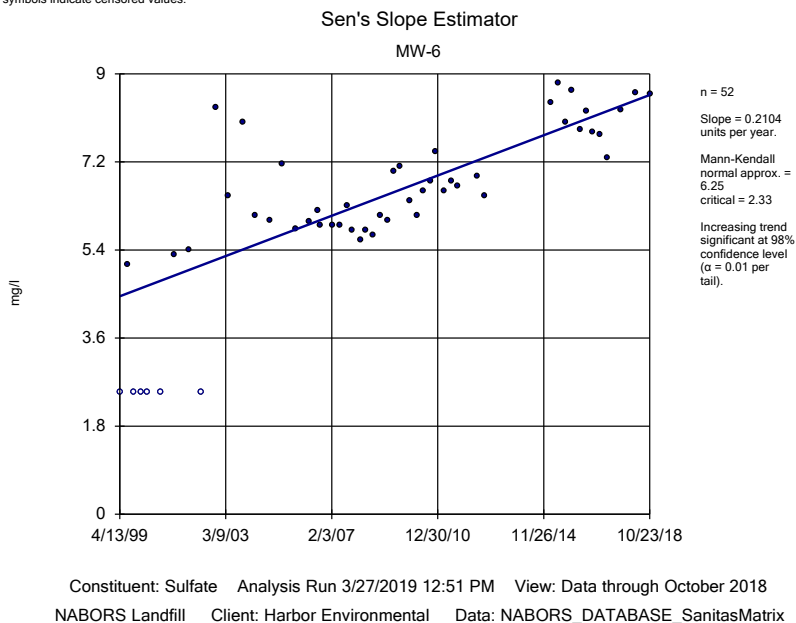
Constituent: Sulfate Analysis Run 3/27/2019 12:50 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

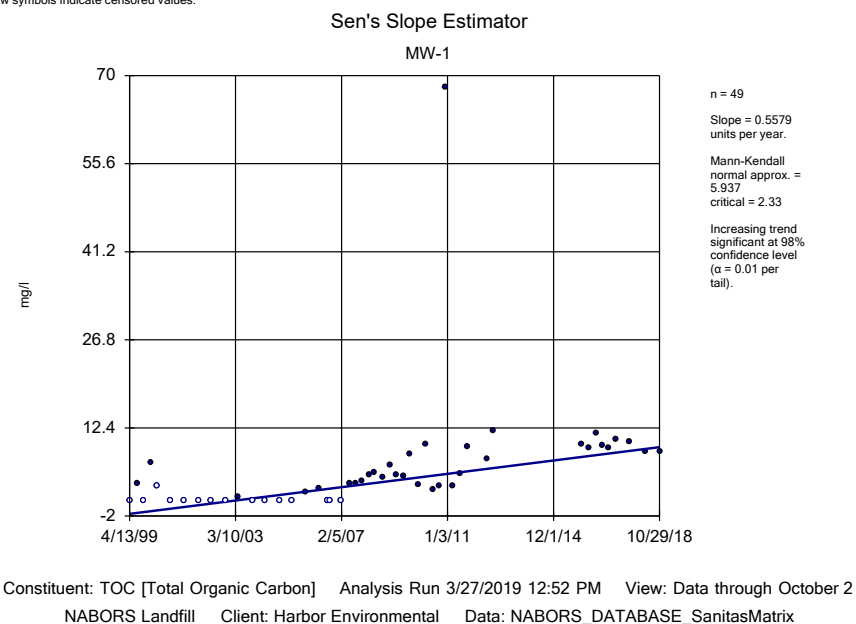
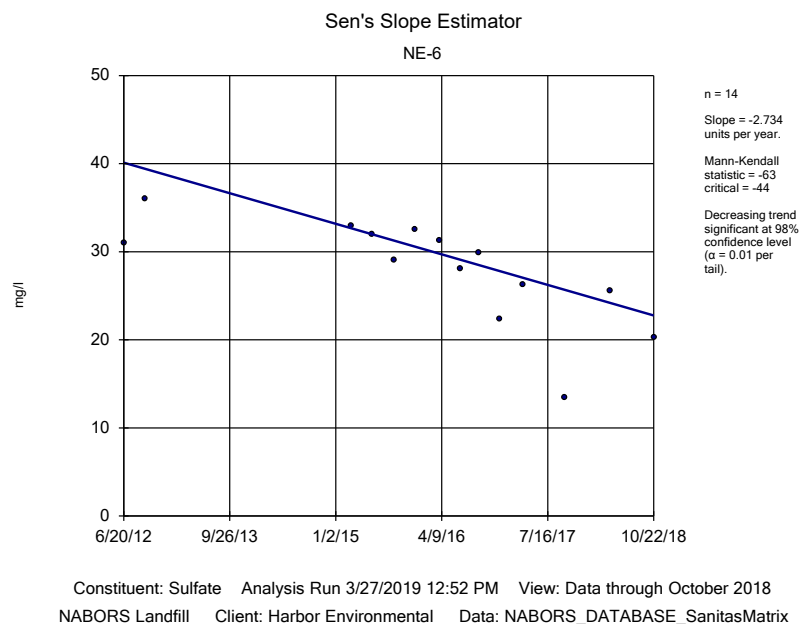
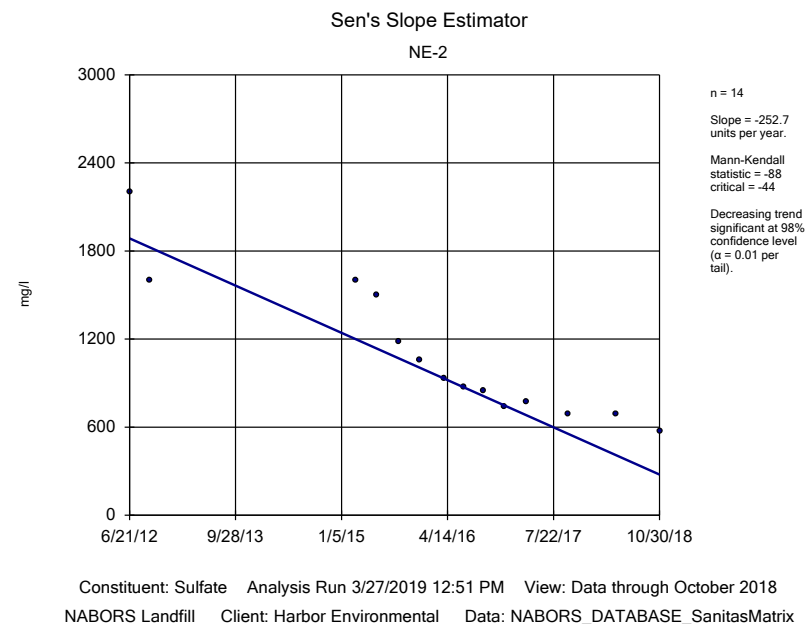
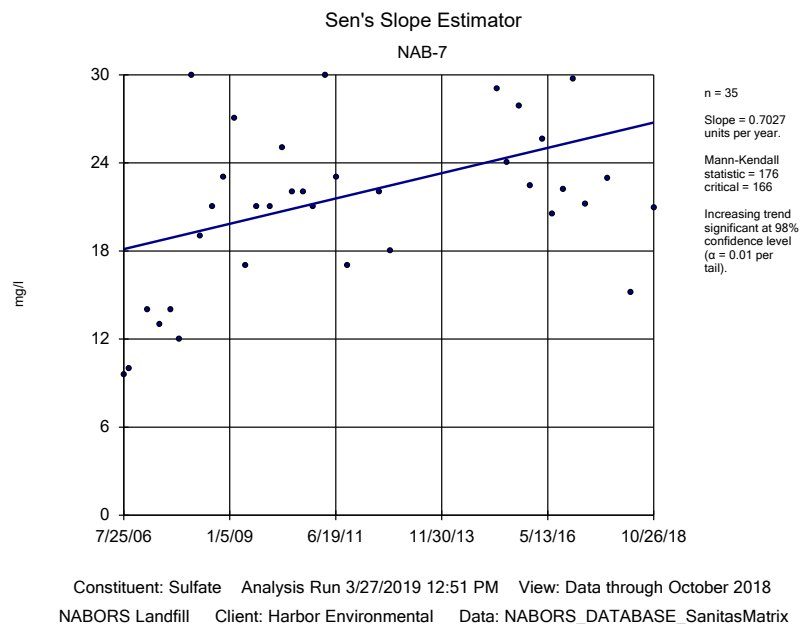
Sen's Slope Estimator

MW-577



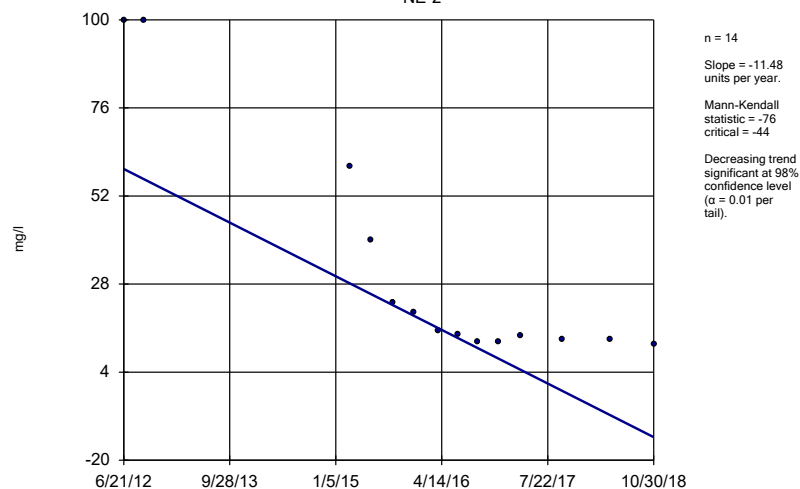
Constituent: Sulfate Analysis Run 3/27/2019 12:50 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix





Sen's Slope Estimator

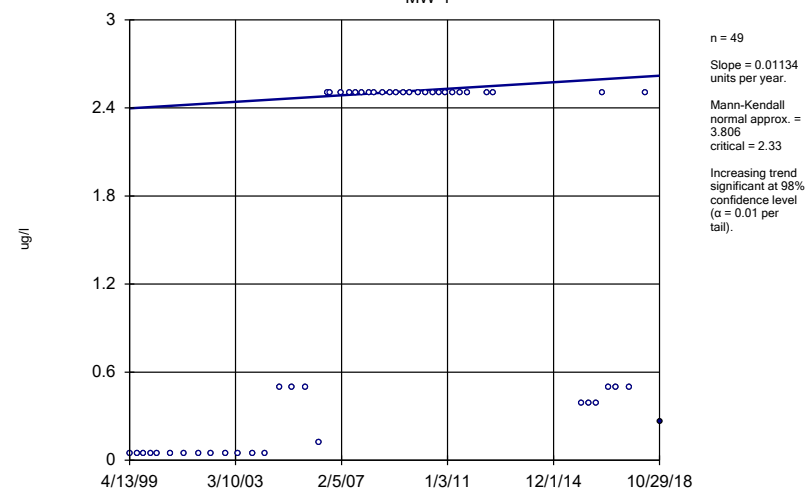
NE-2



Constituent: TOC [Total Organic Carbon] Analysis Run 3/27/2019 12:52 PM View: Data through October 2
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

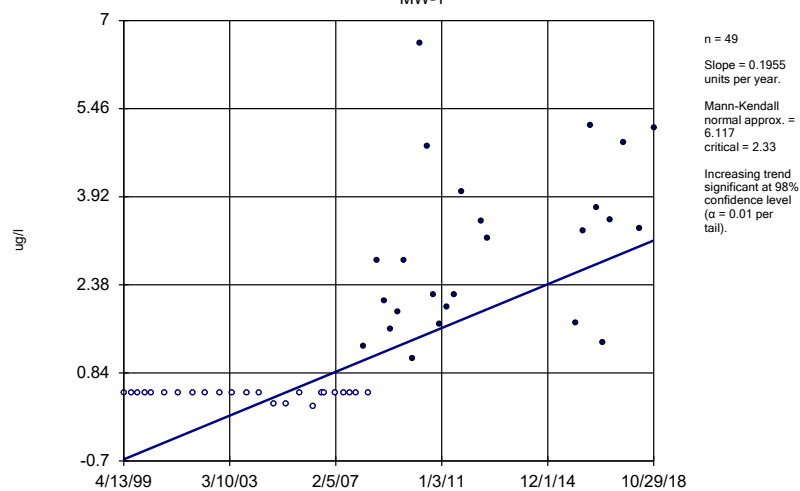
MW-1



Constituent: Toluene Analysis Run 3/27/2019 12:52 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

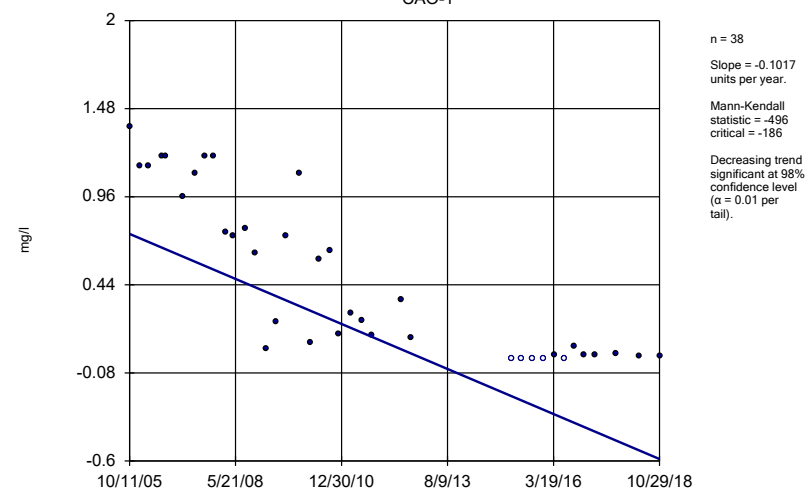
MW-1



Constituent: Vinyl chloride Analysis Run 3/27/2019 12:52 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

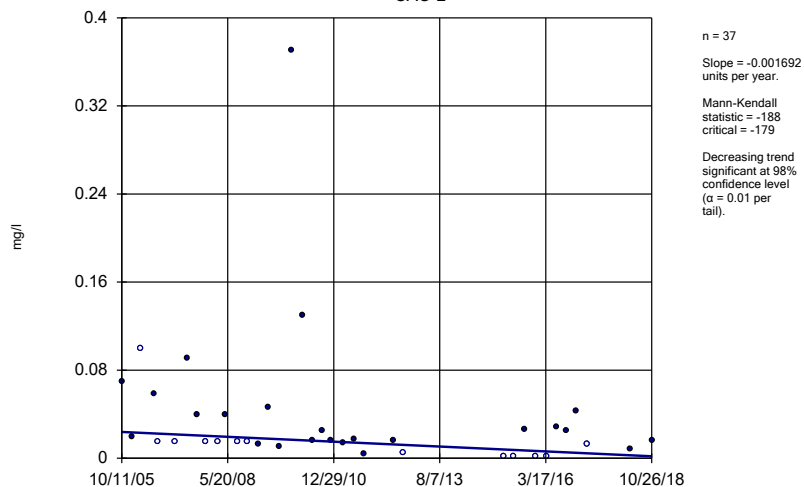
CAO-1



Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

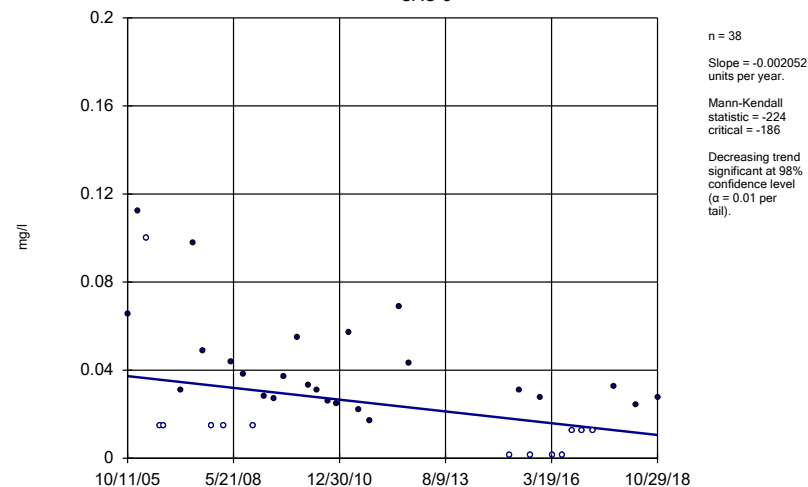
CAO-2



Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

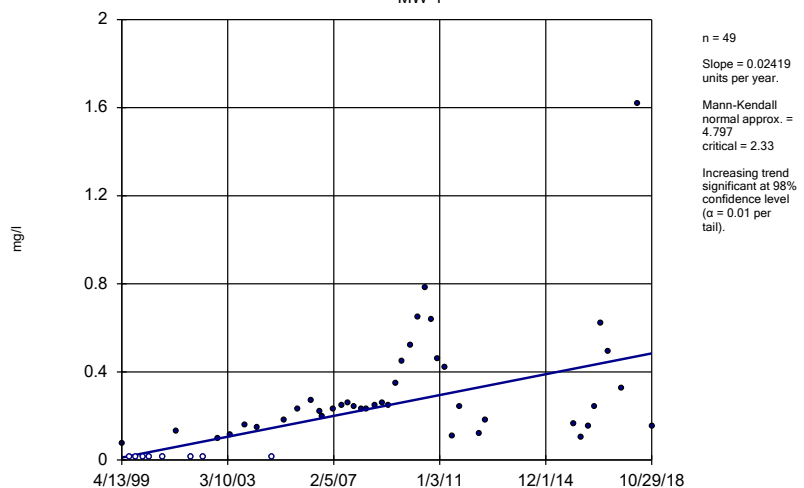
CAO-3



Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

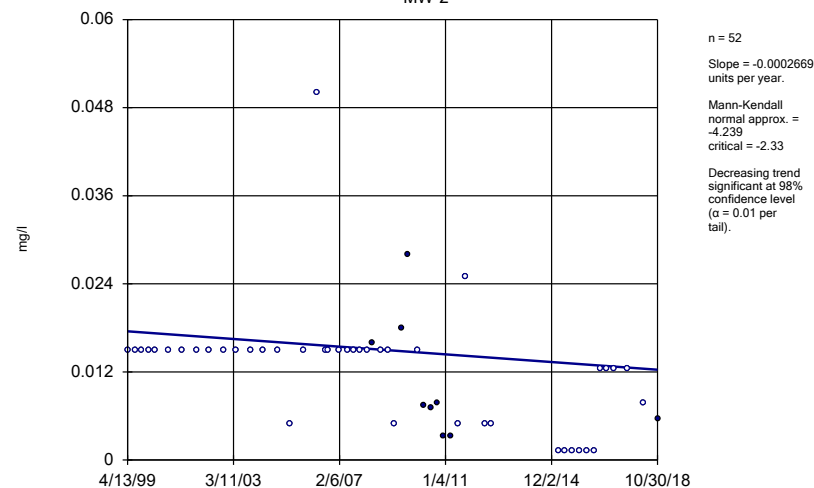
MW-1



Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

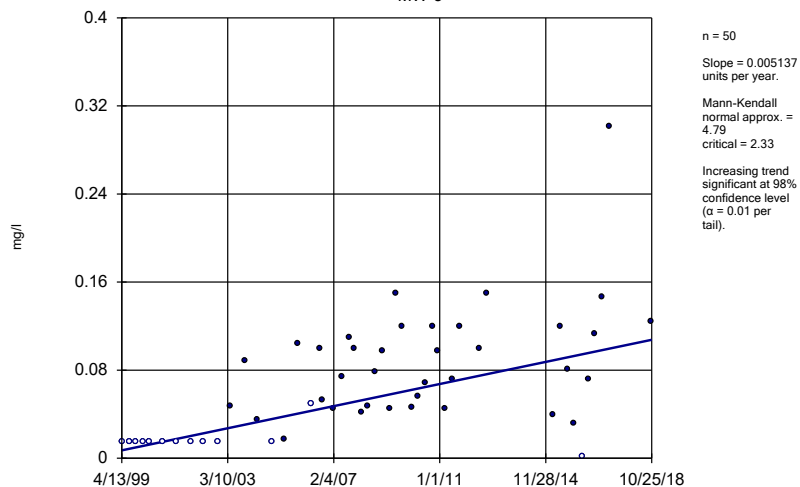
MW-2



Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

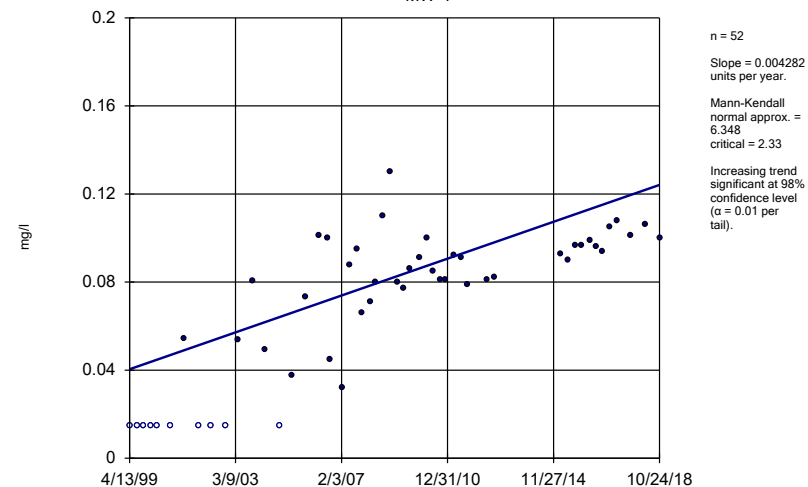
MW-3



Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

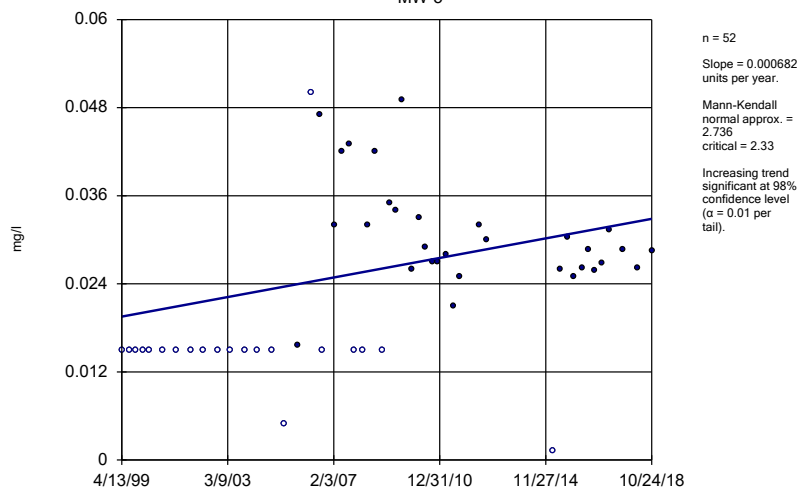
MW-4



Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

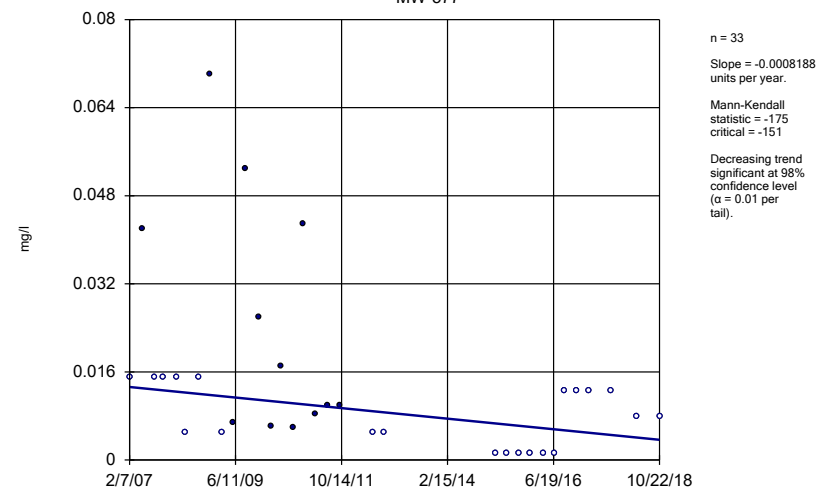
MW-5



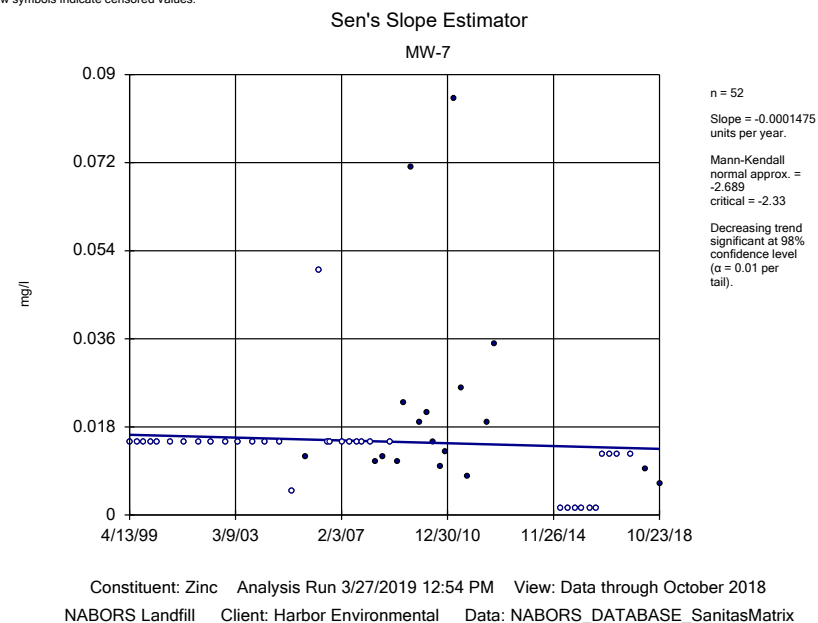
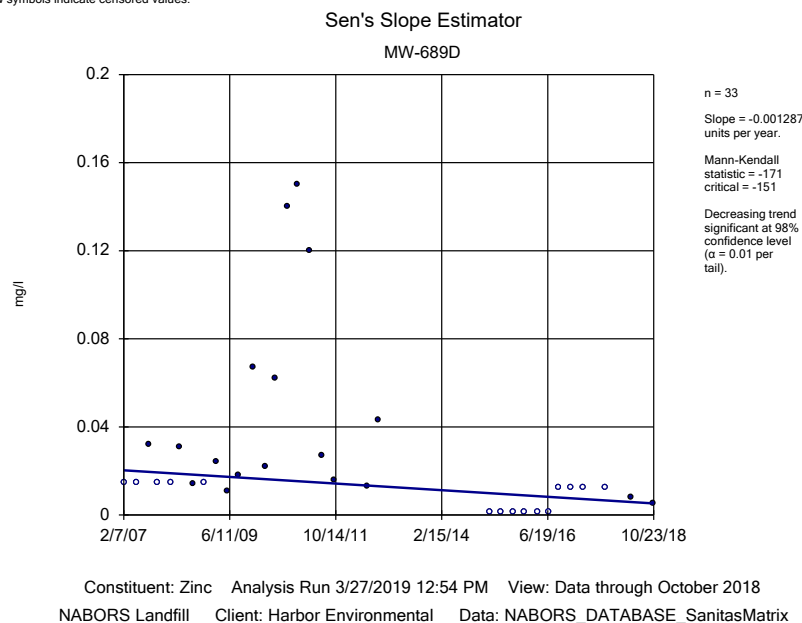
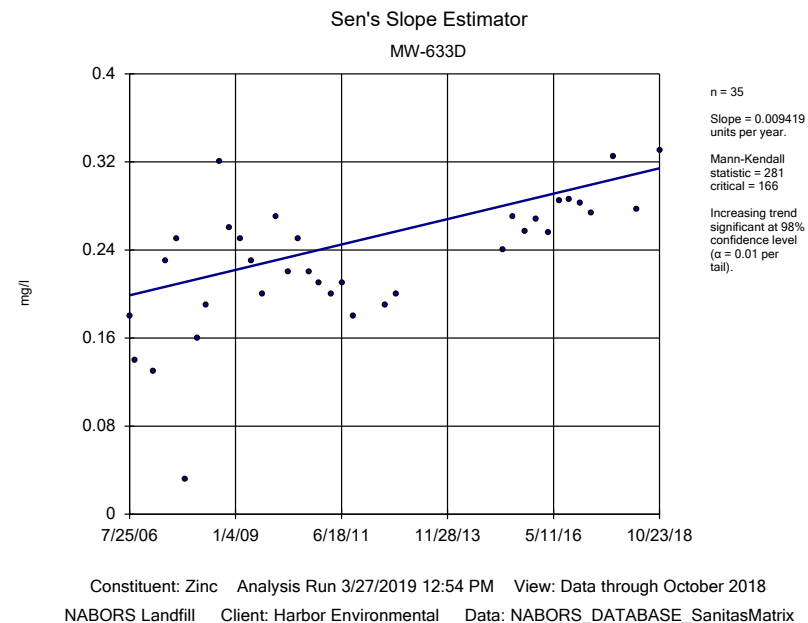
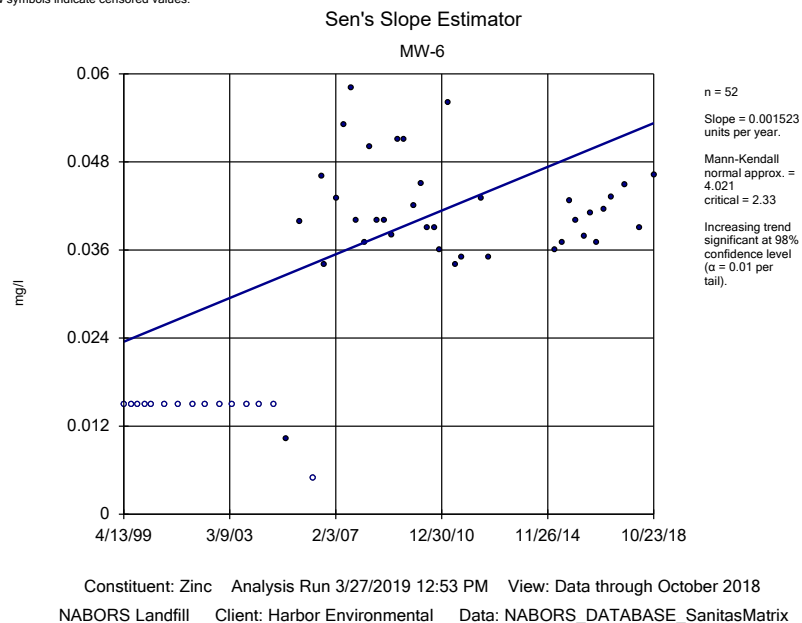
Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

MW-577

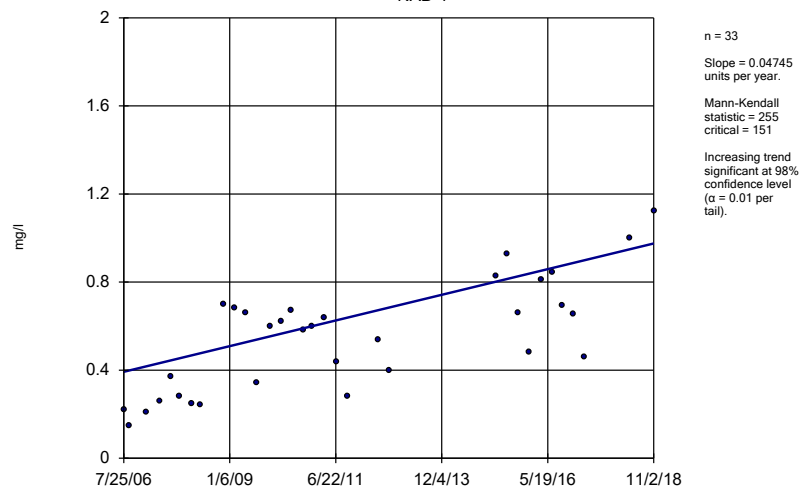


Constituent: Zinc Analysis Run 3/27/2019 12:53 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Sen's Slope Estimator

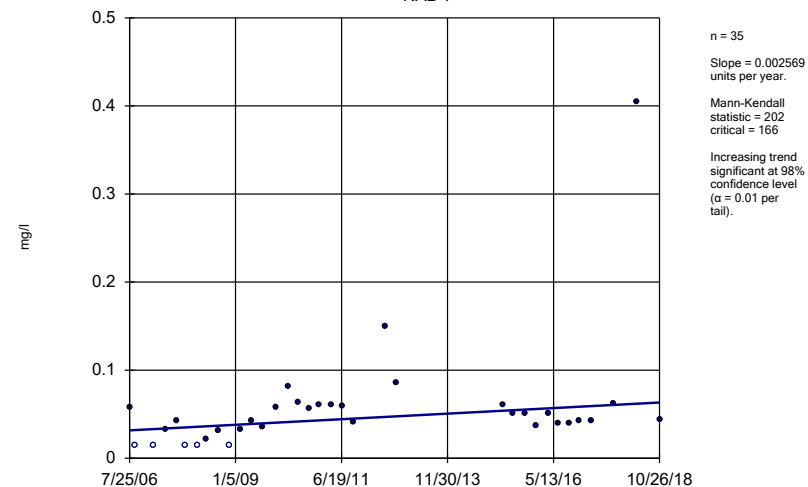
NAB-4



Constituent: Zinc Analysis Run 3/27/2019 12:54 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

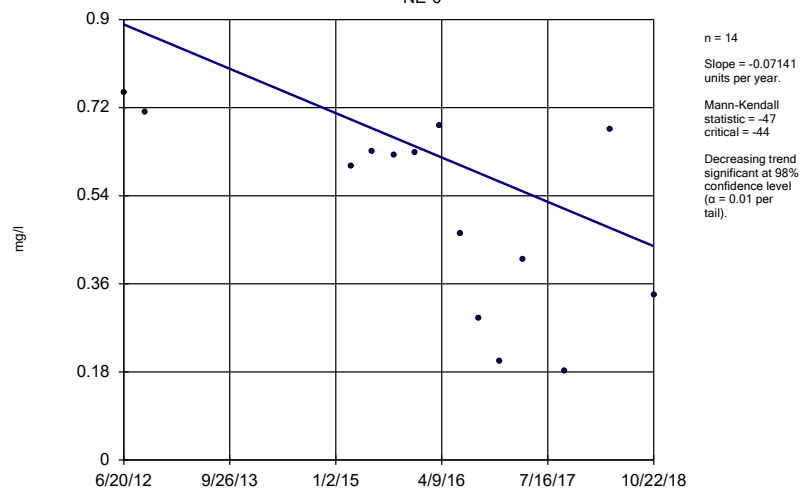
NAB-7



Constituent: Zinc Analysis Run 3/27/2019 12:54 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Sen's Slope Estimator

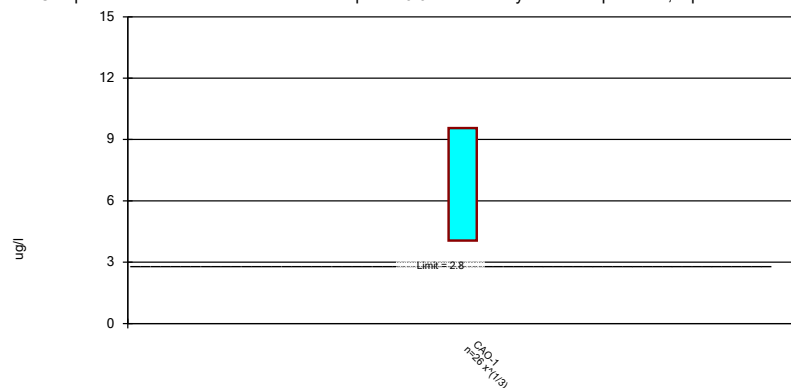
NE-6



Constituent: Zinc Analysis Run 3/27/2019 12:54 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

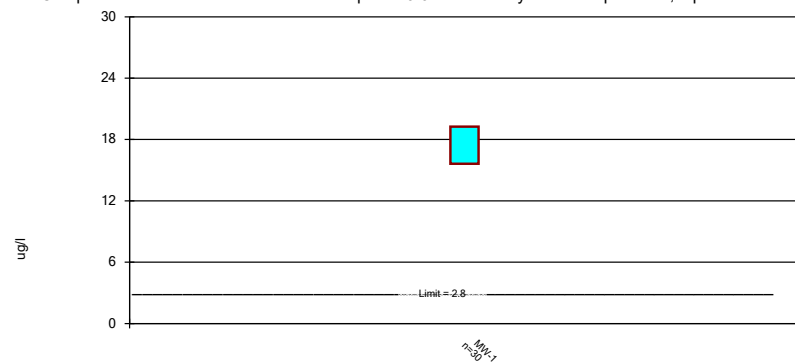
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: 1,1-Dichloroethane Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

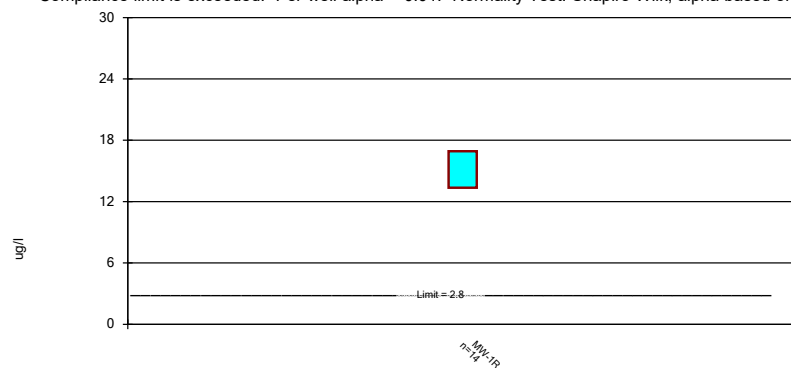
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: 1,1-Dichloroethane Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

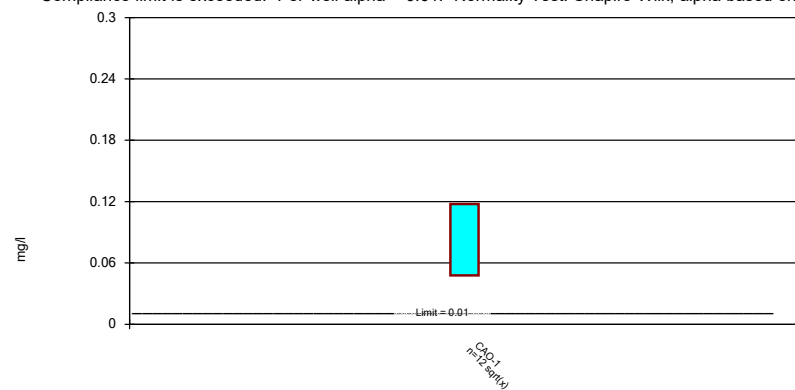
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: 1,1-Dichloroethane Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

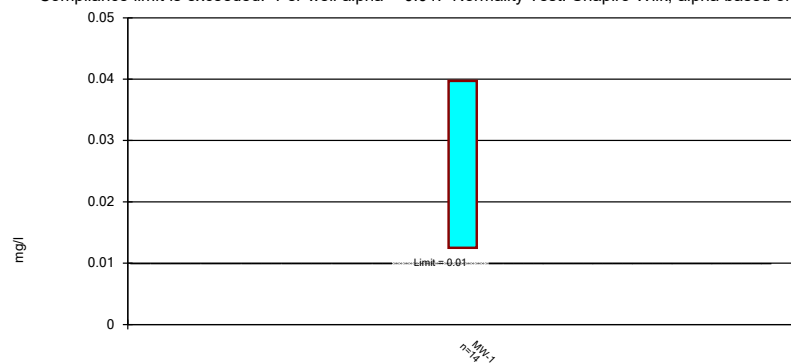
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

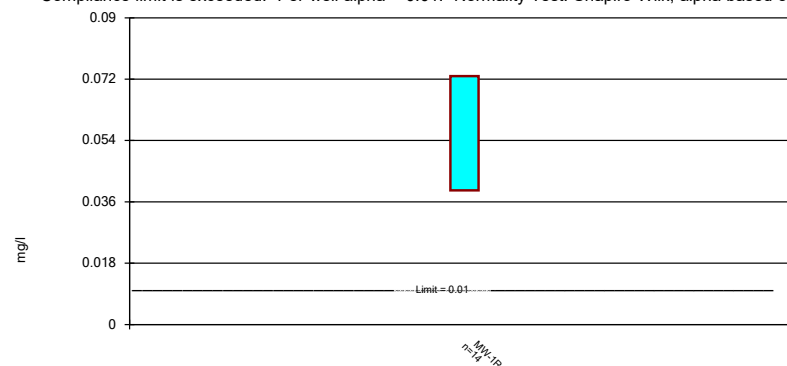
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

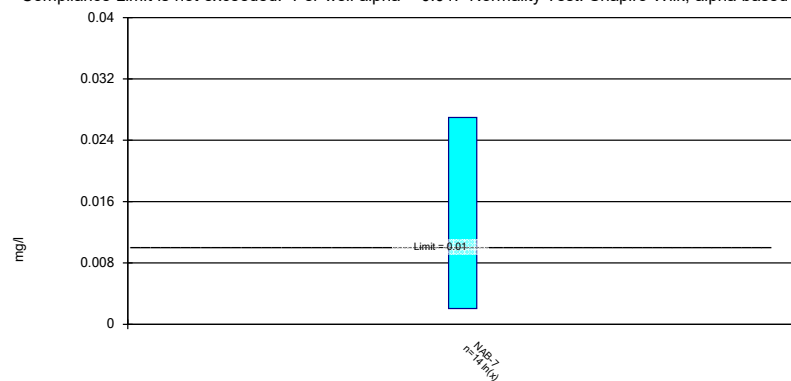
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

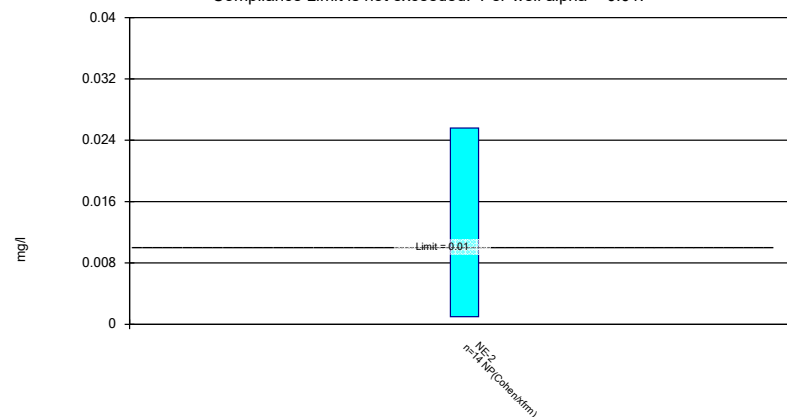
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Non-Parametric Confidence Interval

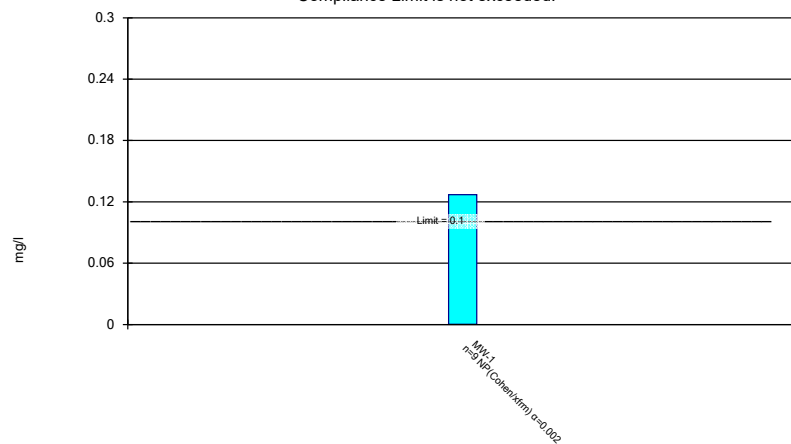
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Arsenic Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Non-Parametric Confidence Interval

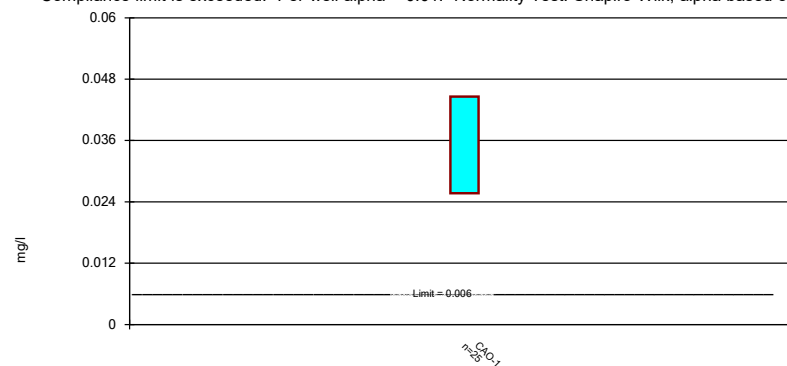
Compliance Limit is not exceeded.



Constituent: Chromium Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

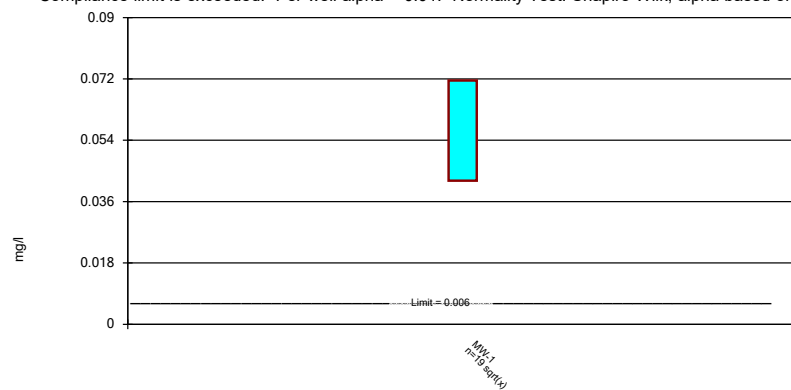
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

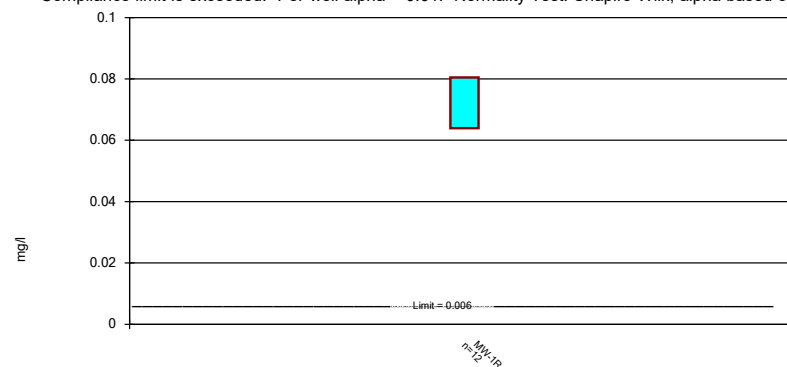
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

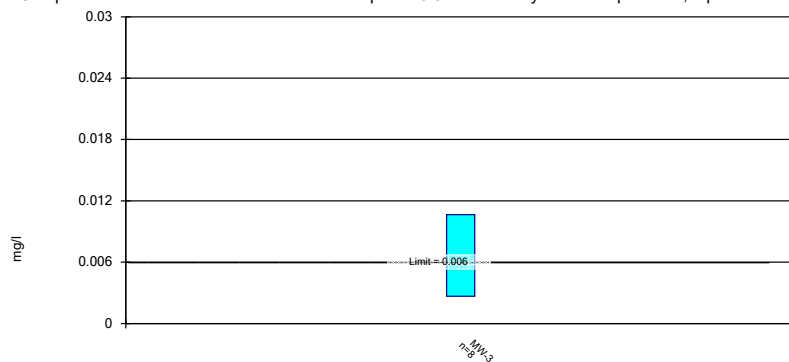
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

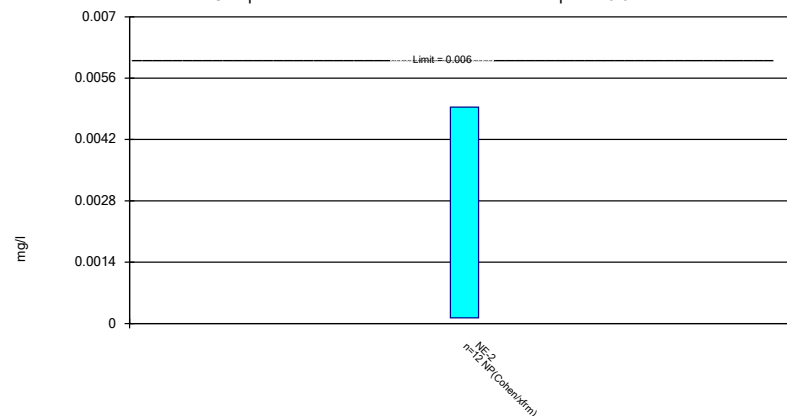
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Non-Parametric Confidence Interval

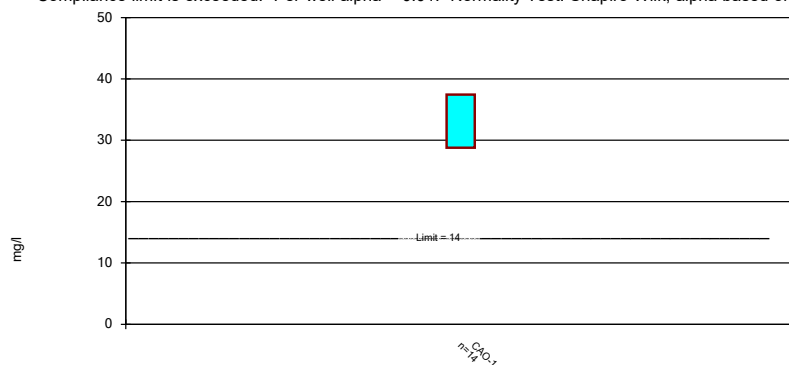
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cobalt Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

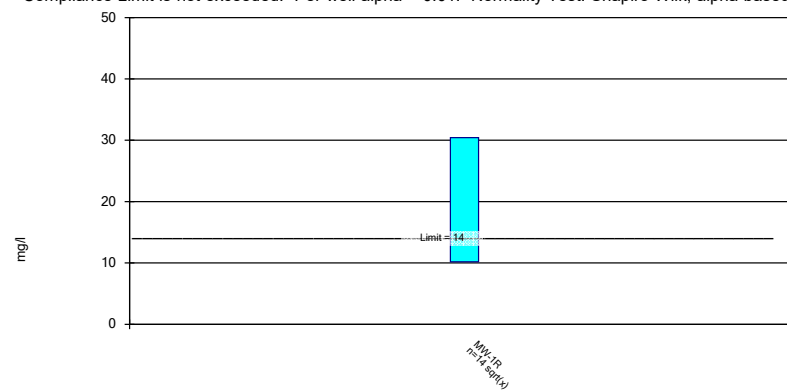
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



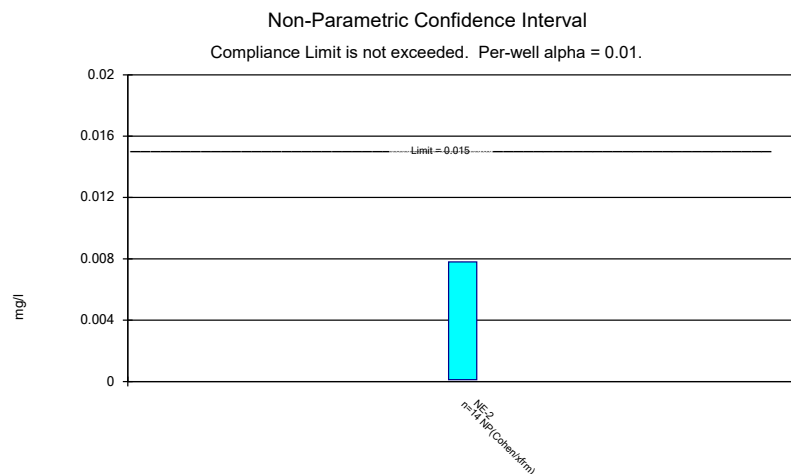
Constituent: Iron Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

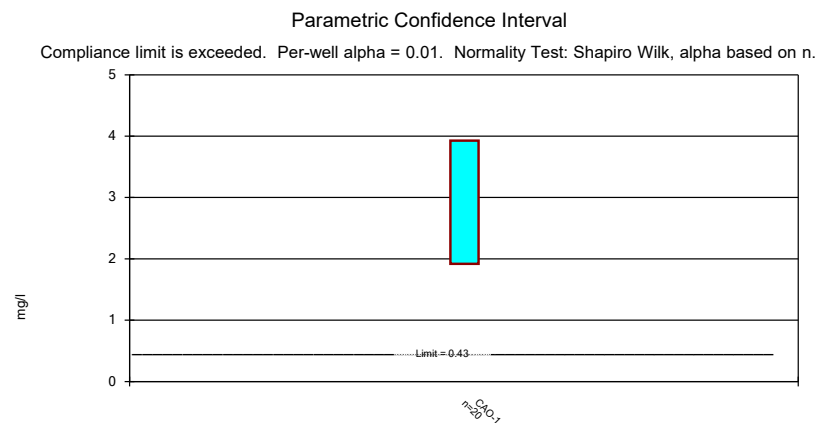
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



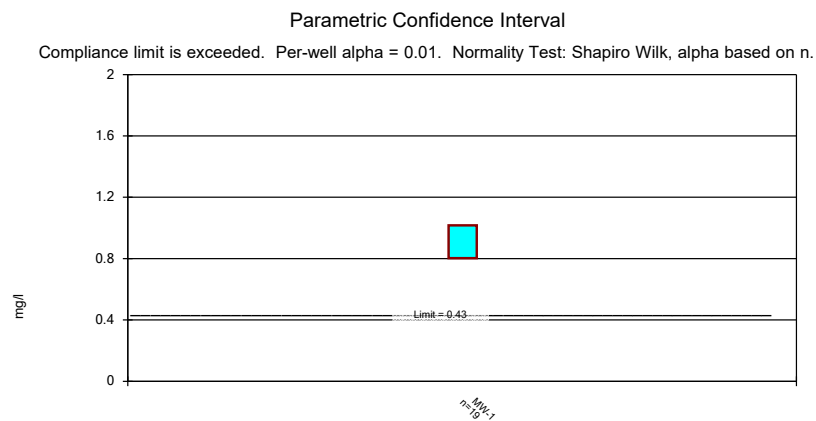
Constituent: Iron Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



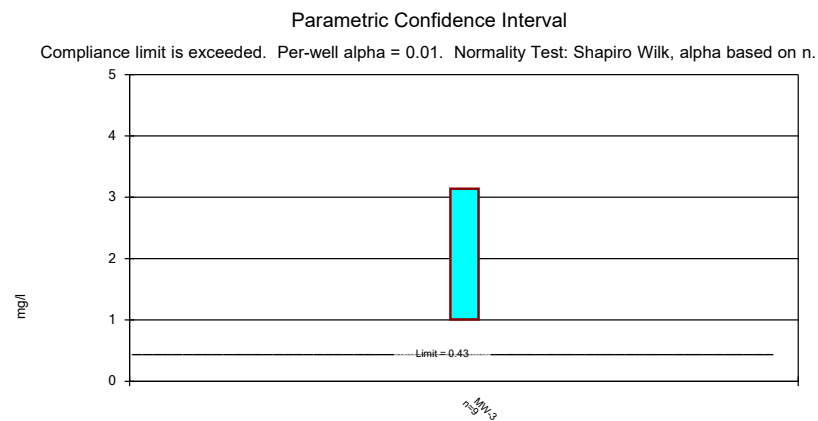
Constituent: Lead Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Constituent: Manganese Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



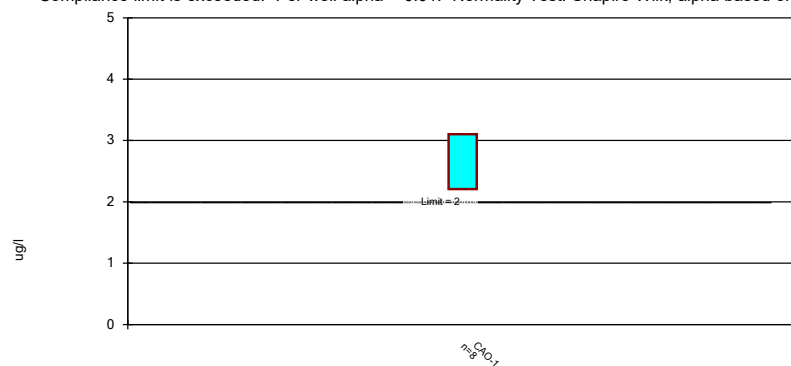
Constituent: Manganese Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix



Constituent: Manganese Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

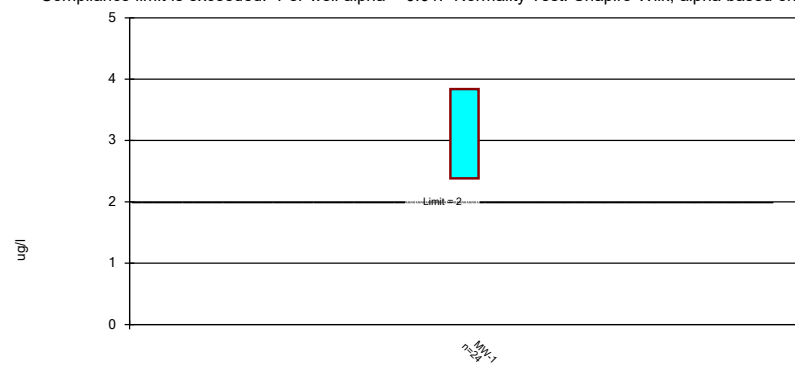
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Vinyl chloride Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

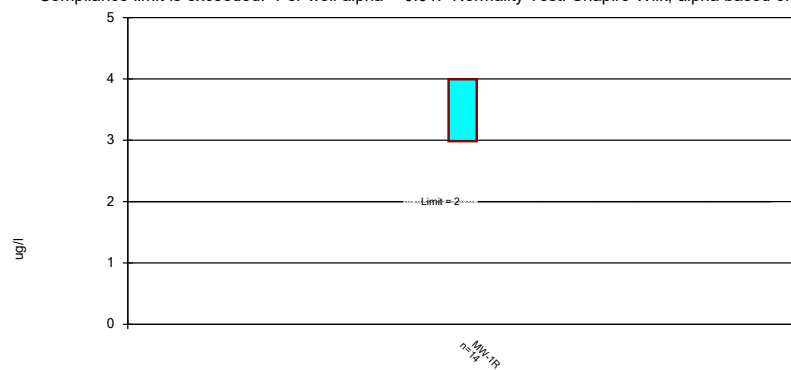
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Vinyl chloride Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Parametric Confidence Interval

Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Vinyl chloride Analysis Run 5/15/2019 3:57 PM View: Data through October 2018
NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix

Confidence Interval

NABORS Landfill Client: Harbor Environmental Data: NABORS_DATABASE_SanitasMatrix Printed 5/15/2019, 4:03 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
1,1-Dichloroethane (ug/l)	CAO-1	9.559	4.057	2.8	Yes	26	3.846	x^(1/3)	0.01	Param.
1,1-Dichloroethane (ug/l)	MW-1	19.25	15.63	2.8	Yes	30	0	No	0.01	Param.
1,1-Dichloroethane (ug/l)	MW-1R	16.93	13.36	2.8	Yes	14	0	No	0.01	Param.
Arsenic (mg/l)	CAO-1	0.1177	0.0478	0.01	Yes	12	0	sqrt(x)	0.01	Param.
Arsenic (mg/l)	MW-1	0.03971	0.01252	0.01	Yes	14	0	No	0.01	Param.
Arsenic (mg/l)	MW-1R	0.07288	0.03936	0.01	Yes	14	0	No	0.01	Param.
Arsenic (mg/l)	NAB-7	0.02696	0.002052	0.01	No	14	7.143	ln(x)	0.01	Param.
Arsenic (mg/l)	NE-2	0.0256	0.001	0.01	No	14	28.57	No	0.01	NP (Cohens/xfrm)
Chromium (mg/l)	MW-1	0.127	0.00027	0.1	No	9	66.67	No	0.002	NP (Cohens/xfrm)
Cobalt (mg/l)	CAO-1	0.04459	0.02567	0.006	Yes	25	0	No	0.01	Param.
Cobalt (mg/l)	MW-1	0.07151	0.04216	0.006	Yes	19	0	sqrt(x)	0.01	Param.
Cobalt (mg/l)	MW-1R	0.08048	0.06392	0.006	Yes	12	0	No	0.01	Param.
Cobalt (mg/l)	MW-3	0.01065	0.002668	0.006	No	8	12.5	No	0.01	Param.
Cobalt (mg/l)	NE-2	0.00494	0.00013	0.006	No	12	58.33	No	0.01	NP (Cohens/xfrm)
Iron (mg/l)	CAO-1	37.45	28.78	14	Yes	14	0	No	0.01	Param.
Iron (mg/l)	MW-1R	30.42	10.19	14	No	14	0	sqrt(x)	0.01	Param.
Lead (mg/l)	NE-2	0.0078	0.00012	0.015	No	14	71.43	No	0.01	NP (Cohens/xfrm)
Manganese (mg/l)	CAO-1	3.926	1.918	0.43	Yes	20	0	No	0.01	Param.
Manganese (mg/l)	MW-1	1.017	0.8032	0.43	Yes	19	0	No	0.01	Param.
Manganese (mg/l)	MW-3	3.14	1.009	0.43	Yes	9	0	No	0.01	Param.
Vinyl chloride (ug/l)	CAO-1	3.102	2.208	2	Yes	8	0	No	0.01	Param.
Vinyl chloride (ug/l)	MW-1	3.838	2.382	2	Yes	24	0	No	0.01	Param.
Vinyl chloride (ug/l)	MW-1R	3.995	2.986	2	Yes	14	0	No	0.01	Param.