GW - 054

2012 AGWMR

SEP 2012

CONESTOGA-ROVERS
& ASSOCIATES

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September 13, 2012 Reference No. 075006

Mr. Glenn vonGonten
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Subject: 2012 Annual Groundwater and Surface Water Monitoring Report
Groundwater Discharge Plan No. GW-054
ConocoPhillips Wingate Fractionating Plant
Gallup, New Mexico

Dear Mr. vonGonten,

Conestoga-Rovers & Associates is pleased to deliver the enclosed Annual Groundwater Monitoring Report per the requirements of the Groundwater Discharge Plan GW-054.

Should you have any questions, please contact Kelly Blanchard at 505-884-0672.

Sincerely,

Kelly E. Blanchard

Kelly E. Blanchard
Project Manager/Geologist

Enclosures (1)

Cc: Beverly Cox, ConocoPhillips
Sherry Timmerman, ConocoPhillips
Terry Lauck, ConocoPhillips (electronic only)

2012 ANNUAL GROUNDWATER AND SURFACE WATER MONITORING REPORT

IN COMPLIANCE WITH GROUNDWATER DISCHARGE PLAN GW-054

CONOCOPHILLIPS WINGATE FRACTIONATING PLANT GALLUP, NEW MEXICO

Prepared For:

ConocoPhillips Company

Risk Management and Remediation

420 South Keeler Avenue

Bartlesville, OK, 74004

Prepared by:
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1.0 INTRODUCTION AND SITE HISTORY

The Wingate Fractionating Plant (Site) is located in McKinley County, New Mexico, within portions of Sections 9, 10, 15, 16, and 17, Township 15 North, Range 17 West (**Figure 1**). A Groundwater Discharge Plan for the Wingate Plant was first approved by the New Mexico Oil Conservation Division (NMOCD) on August 17, 1992, with the most recent revision dated April 9, 2009.

In accordance with Groundwater Discharge Plan GW-054, Conestoga-Rovers & Associates (CRA) conducted an annual groundwater sampling event from June 18 through June 20, 2012. This report presents results from this groundwater monitoring event.

2.0 SITE DESCRIPTION

The Site consists of a gas fractionating plant with associated pipelines and storage tanks. The Site is surrounded by a chain-link fence, and the office is located on the west end of the facility. Two evaporation ponds are located to the northwest of the Site. These ponds are used and maintained by ConocoPhillips Company (ConocoPhillips) and are surrounded by a locked chain-link fence. All monitor wells are on ConocoPhillips, or ConocoPhillips-leased property except for WMW-3 and WMW-8, which are located on property belonging to El Paso Natural Gas. A Site Plan is provided as **Figure 2**.

The Site lies along the south side of an east-west trending alluvial drainage formed by the south fork of the Puerco River. The Site is approximately 6,590 feet above mean sea level (amsl), and lies on Quaternary-aged alluvium. To the south of the plant are the Zuni Mountains, reaching a maximum elevation of approximately 9,000 feet amsl. To the north of the plant, a red sandstone escarpment rises 400 feet above the valley to an elevation of approximately 7,000 feet amsl. The escarpment is comprised of Jurassic-age sandstone and siltstone deposits of the Entrada Formation.

Groundwater at the Site has been encountered during drilling at approximately 20 feet below ground surface (bgs), rising to approximately 4 to 10 feet bgs in well casing across the Site, suggesting confined aquifer conditions. As evidenced by boring logs from monitor well installations, the Site is underlain by approximately 20 feet of clay which may act as the confining layer. Beneath the clay layer a saturated, fine grained sand is encountered which appears to be the water bearing zone. Historic boring logs for WMR-1, WMW-6, WMW-7, and WMW-8 are presented in **Appendix A**.

Table 1 lists well completion information and groundwater elevations. During the 2012 groundwater sampling event, the groundwater flow direction was predominantly to the northwest. This is consistent with previous data. A groundwater potentiometric surface map is presented in **Figure 3**.

On June 20, 2012, CRA discovered that WMW-1 had been accidentally destroyed by heavy machinery operating in the area, leaving 12 monitor wells on and surrounding the Site during the 2012 annual sampling event.

3.0 GROUNDWATER SAMPLING METHODOLOGY

CRA performed groundwater monitoring activities from June 18 through June 20, 2012. An oil/water interface probe was used to measure groundwater depths and check for the presence of light non-aqueous phase liquids (LNAPL) in each of the Site monitor wells. These data, along with casing diameter and total depth information, were used to calculate the water volume in each monitor well. Before and after each use, the oil/water interface probe was cleaned with an Alconox®/de-ionized water solution, and then rinsed with de-ionized water. Graphs presenting groundwater elevations versus time for each monitor well are presented in **Appendix B**. Water was purged from the wells with a submersible pump or disposable bailer until field parameters, including pH, oxidation reduction potential (ORP), dissolved oxygen (DO), conductivity, and temperature stabilized and/or three well volumes of water were removed. Field parameters were monitored using a YSI 556 multi-parameter sonde, and were recorded on CRA Well Sampling Field Information forms, as presented in **Appendix C**.

Following purging, groundwater samples were collected through dedicated polyvinyl chloride tubing attached to the submersible pump or hand bailed with a dedicated, disposable, polyethylene bailer and placed into laboratory-prepared sample containers. Disposable nitrile gloves were worn by sampling personnel and were changed at each well location. The pump was decontaminated following each well sampling by circulating Alconox® soap and de-ionized water solution followed by a de-ionized water rinse. New tubing was used at each location. WMW-2, the monitor well known to historically contain benzene above the New Mexico Water Quality Control Commission (NMWQCC) groundwater quality standard, was sampled with a disposable bailer. No measurable thickness of LNAPL was indicated by the oil/water interface probe in monitor well WMW-2 but a sheen was observed on the surface of the purge water removed from the well prior to collecting the sample for laboratory analysis. Also, depth to water in WMW-2 is very close to the top of the screened interval, so LNAPL in the vicinity of the well bore may not be able to enter the well casing.

Surface water samples were collected approximately 10 feet from the edge of Site evaporation ponds by dipping disposable polyethylene sampling cups attached to the end of an extendable rod. Water was then transferred from sampling cups to laboratory prepared containers.

Following collection of groundwater from each sampling location, samples were immediately labeled, placed on ice, and submitted to Pace Analytical Services, Inc. of Lenexa, Kansas for analyses of volatile organic compounds (VOC) including benzene, toluene, ethylbenzene, and total xylenes (BTEX) by Environmental Protection Agency (EPA) Method 8260; semi-volatile organics by EPA Method 8270; chloride, sulfate, and nitrate by EPA Method 300.0A; dissolved metals including, arsenic, barium, cadmium, calcium, chromium, lead, selenium, silver, and sodium by EPA Method 6010; mercury by EPA method 7470; uranium-238 by EPA method 6020; total dissolved solids (TDS) by SM 2540C; and pH by SM 4500H + B/9040. The analytical results have been summarized and are presented in **Table 2**. In addition to the above-listed constituents, samples collected from the evaporation pond area (MWR-1, MW-2, and MW-3, East Pond and West Pond) were additionally analyzed for alkalinity by SM 2320B, Biological Oxygen Demand (BOD) by SM 5210B, Chemical Oxygen Demand (COD) by SM 5220D, and total coliform analyses by SM 9223B. Results for these analyses are also presented in **Table 2**. Analytical results were compared to the NMWQCC groundwater quality standards contained in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC). Applicable groundwater quality standards are found in Subsection A, *Human Health Standards,* and Subsection B, *Other Standards for Domestic Water Supply*.

On November 10, 2011, verification of the metals sampling list was received in an email from Glen VonGonton of the NMOCD. As a result of this verification, uranium analysis was added and magnesium and manganese analysis was discontinued for all Site wells and evaporation ponds.

A duplicate sample was collected from WMW-2 and analyzed for BTEX. The analytical results were consistent with the results for the primary sample.

4.0 ANALYTICAL RESULTS

The 2012 groundwater analytical results are presented in **Table 2**. **Appendix B** contains graphs depicting selected analytical results versus time for each well in addition to Site hydrographs. The laboratory analytical report (including the chain-of-custody) is presented in **Appendix D**. The Site map with analytical results for some of the commonly noted constituents of concern (COCs) that have historically occurred over the regulatory standards is included as **Figure 4**.

4.1 EVAPORATION POND PERIMETER MONITOR WELLS AND EVAPORATION POND SURFACE WATER SAMPLES

The shallow, vadose zone wells installed to monitor potential evaporation pond seepage are MWS-1 and MWS-2. These wells were installed to a depth of 15 feet and were screened from 5 to 15 feet. They were dry at the time they were constructed and have been consistently dry during every sampling event since – including the 2012 sampling. Thus, no water samples were collected from these wells and no seepage is apparent from Site evaporation ponds.

The groundwater samples from MWR-1, MW-2, and MW-3 did not contain BTEX above laboratory detection limits. Similarly, BOD was not found above laboratory detection limits in MWR-1, MW-2 and MW-3. Results for COD in MWR-1, MW-2 and MW-3 were comparable to historical results which have never exceeded the COD limit of 125 mg/l. The Discharge Plan limit for fecal coliform is 500/100 ml, however, since 2007 the NMOCD has allowed analysis of total coliform in place of fecal coliform due to the remote location of the Site, the distance to the nearest analytical lab from the Site, and the short laboratory holding time for fecal coliform analysis. There are currently no NMWQCC standards in place for total coliform or *e.coli*. Samples collected from MWR-1, MW-2, and MW-3 were all below laboratory detection limits with results of less than one colony per 100 ml for total coliform.

Analytical results for groundwater samples from evaporation pond perimeter monitor wells (MWR-1 and MW-2) indicate TDS above the NMWQCC standard of 1,000 mg/L in a groundwater sample from MW-2 with a result of 1,030 mg/L. No other analytical results exceeded applicable NMWQCC groundwater quality standards in any of the evaporation pond perimeter monitor wells.

The East Evaporation Pond surface water sample had a COD result slightly higher than historical results and above the Discharge Plan limit with a result of

171 mg/L. BOD was below the Discharge Plan limit and consistent with historical data. Constituents that returned analytical results over NMWQCC standards in surface water samples from the East Evaporation Pond were sodium, sulfate, chloride, and TDS. Results for total coliform analysis indicate total coliform in a sample from the East Pond to be > 2419.6 colonies per 100 mL of water; however, results for *e.coli* indicate < 1 colony per 100 mL of water.

The West Evaporation Pond did not contain sufficient water during the June 2012 sampling event for sampling. All analytical results for surface water samples from the Wingate evaporation ponds can be referenced on **Table 2.**

4.2 WINGATE FACILITY AND SURROUNDING MONITOR WELLS

Groundwater samples from Monitor Wells WMW-3, WMW-4, WMW-5, WMW-6, WMW-7, and WMW-8 did not contain BTEX in concentrations above the laboratory detection limits. The groundwater sample collected from WMW-2 contained 11,600 micrograms per liter (µg/L) benzene. This concentration is above the human health groundwater quality standard of 10 µg/L for benzene. The benzene concentration in this well has decreased significantly since the 29,000 µg/L sample analytical result in 2005. The benzene concentration in this well also decreased significantly from the 2011 annual groundwater monitoring event, when benzene concentration in WMW-2 spiked to its highest level since 2005. Regenesis™ Oxygen Release Compound socks were installed in WMW-2 from January 2006 through June 2010. Laboratory analysis of groundwater samples collected from Monitor Wells WMW-4 and WMW-7, down-gradient of WMW-2, did not reveal detectable concentrations of benzene, suggesting that the benzene impacts are localized in the area of WMW-2.

The groundwater samples collected from WMW-2 and WMW-3 contained chloride in concentrations above NMWQCC groundwater quality standard of 250 mg/L.

Samples collected from WMW-2, WMW-4, and WMW-7 were over the NMWQCC standard for TDS, while groundwater samples collected from WMW-3 and WMW-5 contained sulfate and TDS concentrations above NMWQCC groundwater quality standards. TDS and sulfate concentrations in these monitor wells have remained relatively constant since 2005.

In June 2012, a groundwater sample collected from WMW-3 contained uranium at a concentration of 0.0572 mg/L. The NMWQCC groundwater quality standard for uranium is 0.03 mg/L. No samples from other Site monitor wells contained uranium at a concentration above the NMWQCC standard.

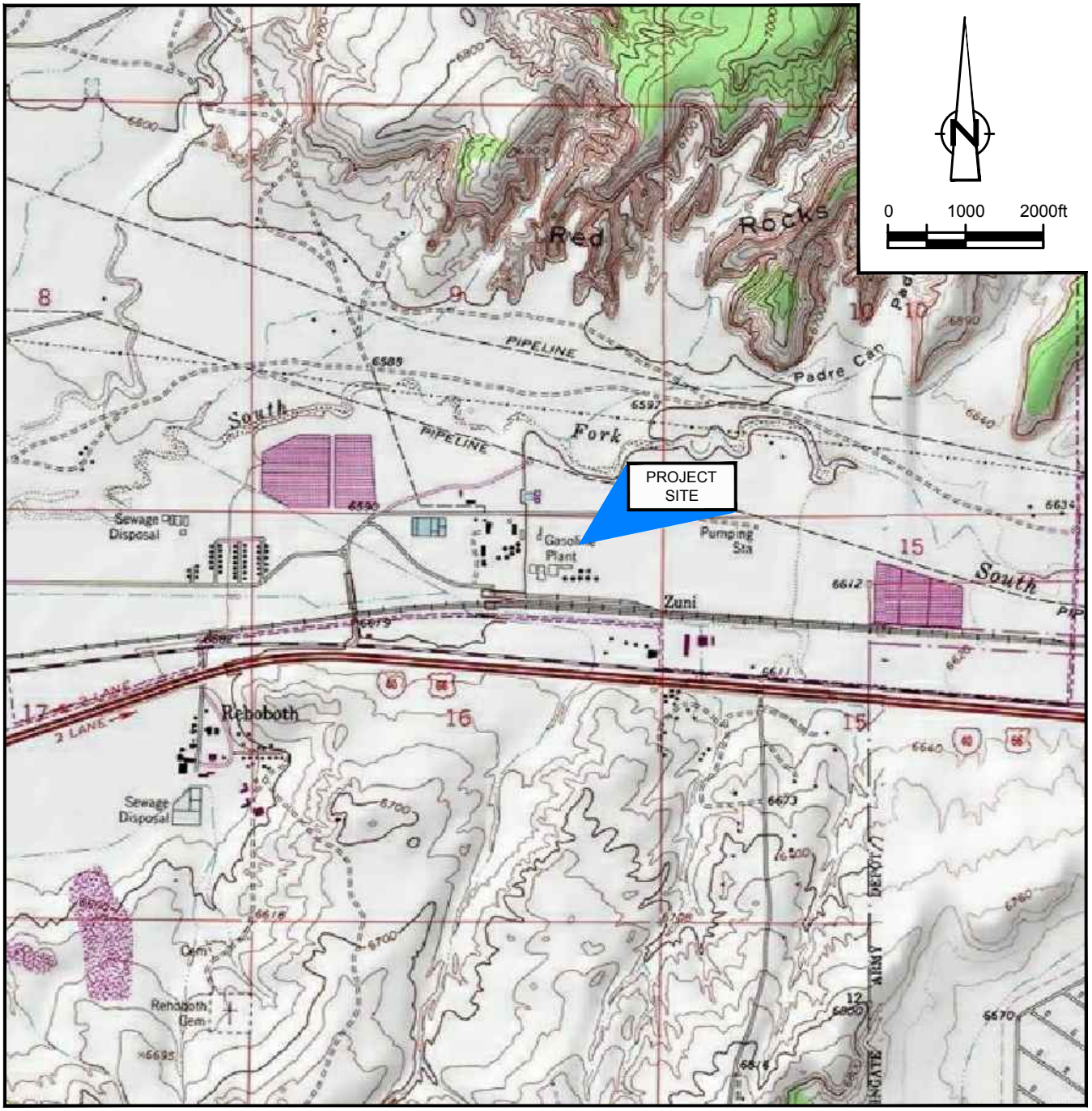
5.0 SUMMARY AND RECOMMENDATIONS

Concentrations of TDS, sulfate, and chloride have been found above NMWQCC groundwater quality standards in samples from Site monitor wells and evaporation ponds. The concentration of benzene in Monitor Well WMW-2 continues to exceed groundwater quality standards by several orders of magnitude; however, benzene was not detected downgradient of WMW-2, suggesting a localized benzene impact around this monitor well. Historically, benzene has never been detected in groundwater samples collected from WMW-4, located down-gradient of WMW-2.

WMW-1 was found destroyed during the June 2012 sampling event. The well was properly plugged and abandoned and a new well (WMW-1R) installed in close proximity on September 7, 2012. Notification of well completion was subsequently provided to NMOCD.

The next sampling event is scheduled for June 2013.

FIGURES



SOURCE: USGS 7.5 MINUTE QUAD
"BIG ROCK HILL AND HARD GROUND FLATS, NEW MEXICO"

LAT/LONG: 35.5360° NORTH, 108.6403° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO WEST

figure 1

SITE LOCATION MAP
WINGATE GAS FRACTIONATING PLANT
ANNUAL GROUNDWATER SAMPLING
GALLUP, NEW MEXICO
ConocoPhillips Company

RE: USGS Aerial Photograph.

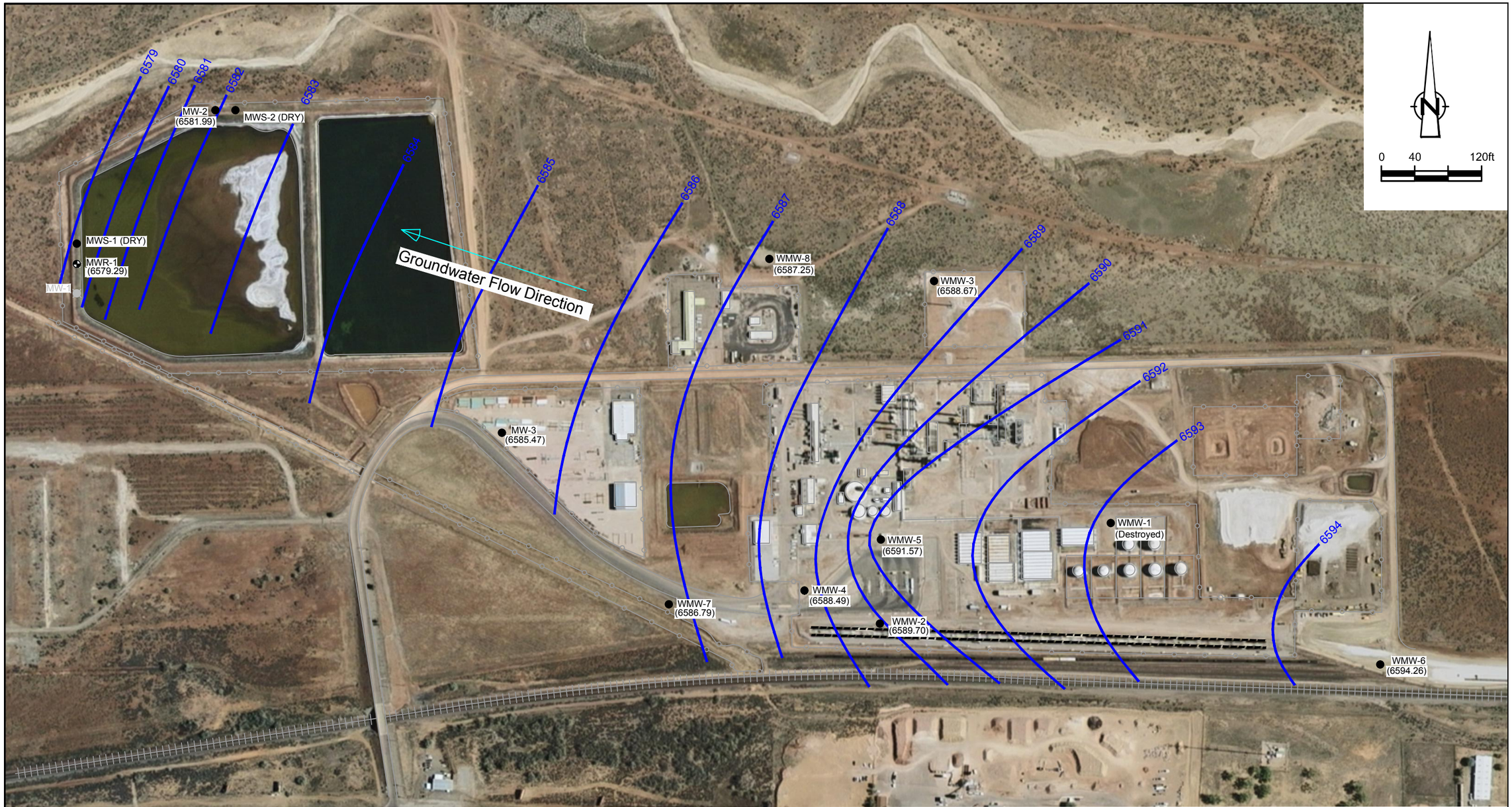
LEGEND

- Monitor Well Location
- Re-Drill To Replace MW-1
- Plugged And Abandoned 6-24-03

Figure 2

SITE PLAN WITH AERIAL PHOTOGRAPH
WINGATE GAS FRACTIONATING PLANT
ANNUAL GROUNDWATER SAMPLING
GALLUP, NEW MEXICO
ConocoPhillips Company

075006-95(003)GN-DL002 AUG 07/2012



RE: USGS Aerial Photograph.

LEGEND

- Monitor Well
- Re-Drill To Replace MW-1
- Plugged And Abandoned 6-24-03

(6586.79) GROUNDWATER ELEVATION, ft. AMSL

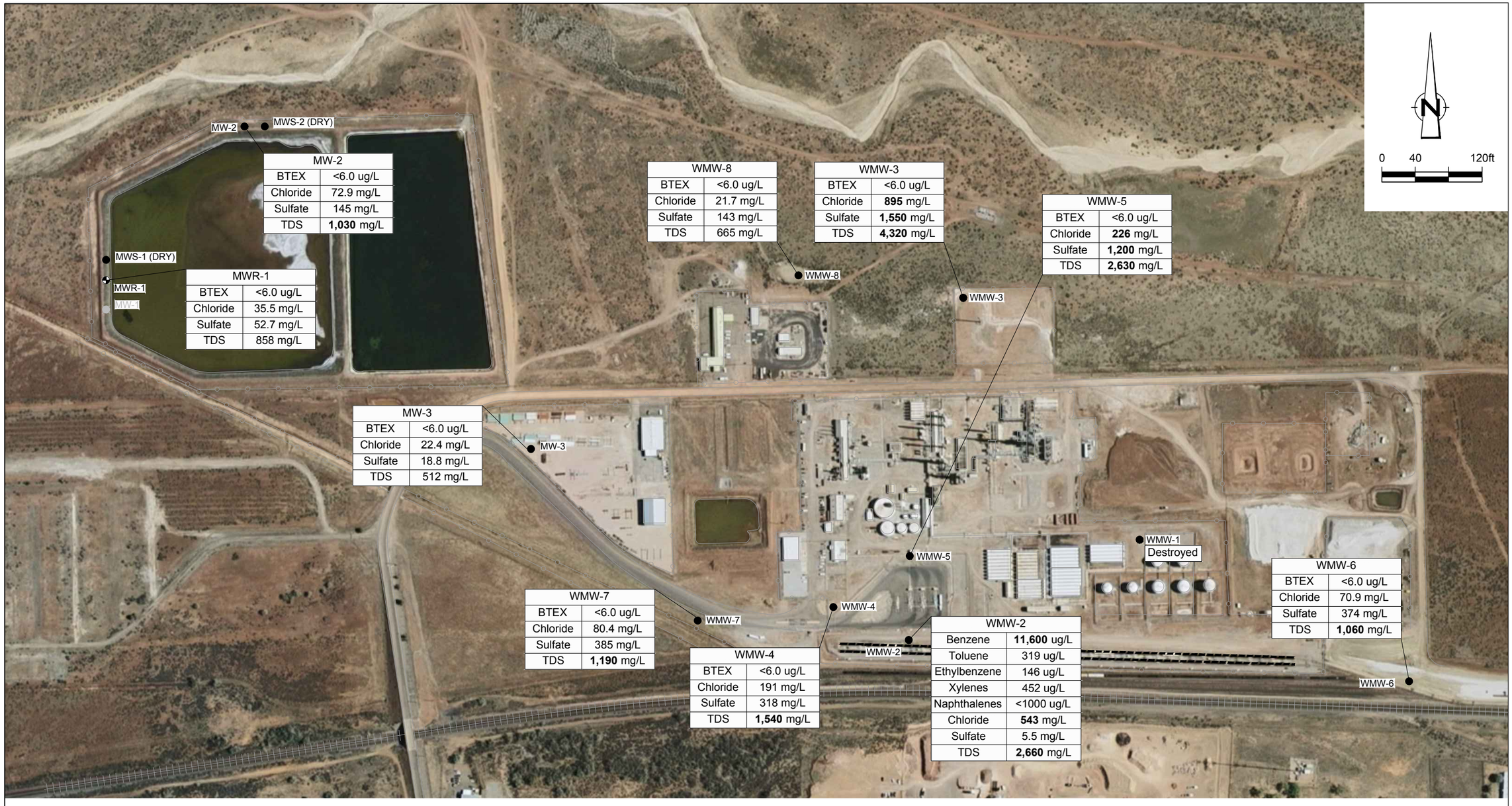
6587 GROUNDWATER ELEVATION CONTOUR, ft. AMSL

GROUNDWATER FLOW DIRECTION

Figure 3

JUNE 2012 GROUNDWATER POTENTIOMETRIC SURFACE MAP
WINGATE GAS FRACTIONATING PLANT
ANNUAL GROUNDWATER SAMPLING
GALLUP, NEW MEXICO
ConocoPhillips Company

075006-95(003)GN-DL003 AUG 07/2012



RE: USGS Aerial Photograph.

LEGEND

- Monitor Well
- Re-Drill To Replace MW-1
- Plugged And Abandoned 6-24-03

SAMPLE ID	
CONSTITUENT	CONCENTRATION, unit

NOTE: Values in BOLD indicate an exceedance of NMWQCC groundwater standard.

Figure 4

JUNE 2012 CONSTITUENTS OF CONCERN CONCENTRATION MAP
WINGATE GAS FRACTIONATING PLANT
ANNUAL GROUNDWATER SAMPLING
GALLUP, NEW MEXICO
ConocoPhillips Company

TABLES

TABLE 1

MONITOR WELL SPECIFICATIONS AND GROUNDWATER ELEVATIONS
CONOCOPHILLIPS COMPANY
WINGATE FRACTIONATING PLANT
MCKINLEY COUNTY, NEW MEXICO

Well ID	*Total Depth (ft)*	*TOC Elevation (ft msl)*	*Screen Interval (ft bgs)*	*Date Measured*	*Depth to Groundwater (ft bgs)*	*Relative Water Level (ft msl)*
MW-2	45	6585.91	20-45	6/19/2012	3.92	6581.99
MW-3	45	6590.08	20-45	6/19/2012	4.61	6585.47
WMR-1	45	6585.13	20-45	6/19/2012	5.84	6579.29
WMW-1	15	6597.13	5-15	--	--	--
WMW-2	20	6594.88	5-20	6/20/2012	5.18	6589.70
WMW-3	20	6594.92	5-20	6/20/2012	6.25	6588.67
WMW-4	20	6595.49	5-20	6/20/2012	7	6588.49
WMW-5	20	6597.11	5-20	6/20/2012	5.54	6591.57
WMW-6	35	6603.86	20-35	6/18/2012	9.6	6594.26
WMW-7	38	6594.7	16-38	6/18/2012	7.91	6586.79
WMW-8	38	6594.05	17-38	6/18/2012	6.8	6587.25
MWS-1	15	--	5-15	6/19/2012	DRY	--
MWS-2	15	--	5-15	6/19/2012	DRY	--

Notes:

1. bgs - below ground surface
2. ft - feet
3. msl - mean sea level
4. MW - Monitor Well
5. WMR - Redrilled Monitor Well
6. TOC - top of casing
7. WMW - Monitor well within the Wingate site boundary

TABLE 2

GROUNDWATER ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
WINGATE FRACTIONATING PLANT
MCKINLEY COUNTY, NEW MEXICO

		Benzene (mg/L)	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (total) (mg/L)*	*TPH-GRO (mg/L)*	*Naphthalene (mg/L)*	*Arsenic (dissolved) (mg/L)*	*Barium (dissolved) (mg/L)*	*Cadmium (dissolved) (mg/L)*	*Calcium (mg/L)*	*Chromium (dissolved) (mg/L)*	*Iron (dissolved) (mg/L)*	*Iron (mg/L)*	*Lead (dissolved) (mg/L)*	*Lead (mg/L)*	*Magnesium (dissolved) (mg/L)*	*Manganese (dissolved) (mg/L)*	*Manganese (mg/L)*	*Mercury (mg/L)*	*Selenium (dissolved) (mg/L)*	*Silver (dissolved) (mg/L)*	*Sodium (dissolved) (mg/L)*	*Uranium-238 (mg/L)*	*Alkalinity (mg/L)*	*BOD (mg/L)*	*Chloride (mg/L)*	*COD (mg/L)*	*Nitrate (as N) (mg/L)*	*pH*	*Sulfate (mg/L)*	*Total Coliform (colonies/100 mL)*	*Total dissolved solids (TDS) (mg/L)*
MW-2	5/14/2003	<0.0001	<0.001	<0.001	<0.002	--	<0.0096	<0.01	0.21	<0.002	14.70	<0.005	--	--	<0.003	--	7.9	--	--	--	--	--	418	--	770	--	64.4	--	<0.5	--	102	--	**1140**
	9/24/2004	<0.0005	<0.0007	<0.0008	<0.0008	<	<0.0009	0.0131	0.126	<0.000076	6.30	<0.0025	--	--	<0.0100	--	2.96	--	--	<0.000028	<0.0059	<0.0020	321	--	718	<6.0	29.6	26.70	<0.40	8.3	4.4	<1.0	860
	6/21/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0196	0.141	<0.00097	6.45	<0.0048	--	--	<0.0084	--	3.14	--	--	<0.000062	<0.0094	<0.0020	310	--	708	<2.5	38.9	32.40	<0.40	8.2	18.6	<1.0	878
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0212	0.141	<0.00091	7.16	<0.0023	--	--	<0.0069	--	e	--	--	<0.000056	<0.0094	<0.0016	384	--	712	<5.8	38.6	28.30	<0.25	8.2	22.9	<1.0	908
	6/19/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0190	0.139	<0.00090	6.73	<0.0023	--	--	<0.0069	--	3.41	--	--	<0.000056	<0.0094	<0.0016	284	--	708	<3.8	33.0	29.0	1.3	8.3	13.3	<1.0	888
	7/2/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	0.00783	0.223	<0.005	13.2	<0.005	0.601	--	<0.005	--	9.6	--	0.354	<0.0002	<0.005	<0.005	361	--	626	<2.0	62.9	7.23	<0.5	7.77	125	<1.0	**1050**
	6/23/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	0.0115	0.255	<0.005	14.5	<0.005	0.611	--	<0.005	--	8.18	--	0.314	<0.0002	<0.005	<0.005	403	--	580	<2	57.3	40	<0.5	7.94	113	7	**1030**
	6/21/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0053	0.008	0.210	<0.005	13.2	<0.005	0.180	--	<0.005	--	7.75	**0.317**	--	<0.002	<0.01	<0.005	396	--	690	<2.0	57.1	9.52	0.555	8.55	107	<1	**1360**
	6/29/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	0.0094	0.205	<0.004	--	<0.01	0.175	--	<0.003	--	7.45	**0.33**	--	--	<0.005	<0.01	363	--	664	<2.0	58.0	<20	<0.50	7.81	122	<1.0	**1010**
	6/19/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.241	<0.005	13.8	<0.005	--	--	<0.005	--	--	**--**	--	<0.0002	<0.015	<0.007	401	0.018	--	<2.0	72.9	13.0	<0.10	7.9	145	<1.0	**1030**
MW-3	5/14/2003	<0.0001	<0.001	<0.001	<0.002	--	<0.0096	<0.01	<0.2	<0.002	28.70	<0.005	--	--	<0.003	--	13.5	--	--	--	--	--	149	--	428	<4.0	19.2	<	<0.5	--	15.5	--	542
	9/24/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0047	0.150	<0.000076	27.9	<0.0025	--	--	<0.0100	--	13.4	--	--	<0.00028	<0.0059	<0.0020	156	--	419	5.2	19.6	<1.4	<0.40	7.8	14.6	<1.0	493
	6/21/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0108	0.160	<0.00097	26.6	<0.0048	--	--	0.0084	--	12.8	--	--	<0.000062	<0.0094	<0.0020	144	--	415	<2.2	20.6	7.4	<0.40	7.6	13.3	<1.0	488
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.010	0.16	<0.00091	27.4	<0.0023	--	--	<0.0069	--	13.3	--	--	<0.000056	<0.0094	<0.0016	161	--	394	<2.0	19.5	6.8	<0.25	7.7	14.9	<1.0	507
	6/19/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.010	0.143	<0.00090	28.4	<0.0023	--	--	<0.0069	--	13.5	--	--	<0.000056	<0.0094	<0.0016	170	--	417	<2.5	22.1	19.7	<0.25	7.7	17.3	--	510
	7/1/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	0.0388	0.307	<0.005	27.5	<0.005	--	4.66	<0.005	--	13.2	--	1.97	<0.002	<0.005	<0.005	151	--	382	<2.0	19.3	7.06	<1	7.64	15.4	12	538
	6/23/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	0.00654	0.178	<0.005	29.5	<0.005	0.255	--	<0.005	--	14.5	--	0.703	<0.0002	<0.005	<0.005	172	--	339	<2	23.6	7.5	<0.5	7.74	26.5	<1	519
	6/23/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0054	<0.0050	0.144	<0.005	27.6	<0.005	<0.02	--	<0.005	--	13.7	**0.480**	--	<0.002	<0.01	<0.005	162	--	148	<2.0	20.5	7.5	<0.5	7.31	18.8	<1	600
	6/28/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	14	**0.525**	--	--	<0.005	<0.01	165	--	320	<2.0	23.6	<20	<0.50	7.62	18.7	<1.0	514
	6/19/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.140	<0.005	25.2	<0.005	--	--	<0.005	--	--	**--**	--	<0.0002	<0.015	<0.007	167	0.0009	--	<2.0	22.4	<10.0	<0.10	7.7	18.8	<1.0	512
WMR-1	7/31/2003	<0.0005	<0.0007	<0.0008	<0.0008	<	--	0.0114	**1.87**	<0.000087	92.4	**0.0522**	--	--	**0.0562**	--	46.1	--	--	<0.00016	0.0086	<0.0018	397	--	725	9.2	154	32.1	<0.40	7.9	147	--	**1340**
	9/24/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0047	0.252	<0.00076	12.5	<0.0025	--	--	<0.0100	--	7.56	--	--	<0.00028	<0.0059	<0.0020	291	--	553	11.0	30.5	20.6	<0.40	8.0	27.0	<1.0	712
	6/21/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0093	0.191	<0.00097	10.2	<0.0048	--	--	<0.0084	--	6.02	--	--	<0.000062	<0.0094	<0.0020	278	--	611	<3.5	30.5	12.9	<0.40	7.9	38.0	<1.0	775
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.221	<0.00091	11.1	<0.0023	--	--	<0.0069	--	6.61	--	--	<0.000056	<0.0094	<0.0016	317	--	611	<5.0	24.3	16.7	0.26	8.1	43.6	<1.0	684
	6/19/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.728	<0.00090	31.30	0.0176	--	--	0.0126	--	15.2	--	--	0.000058	<0.0094	<0.0016	331	--	705	15.9	34.1	68.5	<0.25	8.2	58.8	<1.0	886
	7/1/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.225	<0.005	10.90	<0.005	--	3.0	<0.005	--	6.53	--	0.369	<0.0002	<0.005	<0.005	299	--	579	<2.0	29.6	9.41	<1	8.1	37.9	<1.0	865
	6/24/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.488	<0.005	19.70	0.00666	--	9.07	<0.005	--	7.89	--	0.577	<0.0002	<0.005	<0.005	332	--	600	2.87	25.2	17.5	<0.5	7.96	39.9	10	793
	6/21/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0053	<0.0050	0.176	<0.0050	8.33	<0.0050	0.0306	--	<0.0050	--	5.14	**0.271**	--	<0.002	<0.01	<0.005	344	--	589	<2.0	33.4	11.9	0.603	7.75	41.5	<1	**1200**
	6/29/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	0.254	<0.004	--	<0.01	0.145	--	<0.003	--	6.21	**0.266**	--	--	<0.005	<0.01	314	--	620	<2.0	27.8	32.3	<0.50	8.00	45.3	<1.0	813
	6/19/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.192	<0.005	7.90	<0.005	--	--	<0.005	--	--	**--**	--	<0.0002	<0.015	<0.007	348	0.00086	--	<2.0	35.5	12.8	<0.1	8.1	52.7	<1.0	858
WMW-1	5/14/2003	<0.0001	<0.001	<0.001	<0.002	--	<0.0098	<0.01	<0.2	<0.002	258	<0.005	--	--	<0.003	--	69.7	--	--	--	--	--	1140		1050	--	**648**	--	<0.5	--	**1870**	--	**5090**
	9/24/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0047	0.0256	<0.000076	236	0.0025	--	--	<0.0100	--	63.8	--	--	<0.000028	0.0059	0.002	**1370**		1030	--	**627**	--	<0.40	7.8	**1880**	--	**5150**
	6/20/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0093	0.0177	<0.00097	224	<0.0048	--	--	<0.0084	--	61.1	--	--	<0.000062	<0.0094	<0.0020	**1370**		1060	--	**614**	--	<0.40	7.0	**1760**	--	**5140**
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0706	<0.00091	279	0.003	--	--	<0.0069	--	76.8	--	--	<0.000056	<0.0094	<0.0016	**1310**		1030	--	**609**	--	<0.25	7.1	**1940**	--	**5150**
	6/18/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0317	<0.00090	287	<0.0023	--	--	<0.0069	--	77.2	--	--	<0.000056	<0.0094	<0.0018	**1310**		1050	--	**579**	--	<0.25	7.2	**1880**	--	**5130**
	6/30/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.0478	<0.005	228	<0.005	--	1.92	<0.005	--	63.7	--	3.97	<0.0002	<0.005	<0.005	**1210**		998	--	**566**	--	<0.5	6.78	**2010**	--	**4640**
	6/22/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.025	<0.025	<0.025	222	<0.025	0.192	--	<0.025	--	60.9	--	3.94	<0.0002	<0.025	<0.025	**1330**		845	--	**501**	--	<0.5	7.05	**2150**	--	**4560**
	6/22/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0057	<0.005	0.0148	<0.005	194	<0.005	<0.02	--	<0.005	--	53.0	**3.51**	--	<0.002	<0.01	<0.005	1140		215	--	**530**	--	0.993	7.05	**1940**	--	**4330**
	7/1/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	55.4	**3.33**	--	--	<0.005	<0.01	**1180**		984	--	**558**	42.3	<0.50	7.52	**2140**	--	**4560**
WMW-2	5/14/2003	**29**	<0.5	<0.5	<1	--	0.024	0.016	0.42	0.0081	47.3	0.0095	--	--	0.0180	--	27.4	--	--	--	--	--	1140	--	1710	--	**628**	--	0.6	--	8.2	--	**3150**
	9/24/2004	**28**	0.45	0.11	**0.65**	--	0.021	<0.0047	0.421	0.0036	57.2	<0.0025	--	--	0.0100	--	33.8	--	--	<0.000028	<0.0059	<0.0020	**1510**	--	2110	--	**936**	--	<0.40	7.6	<1.5	--	**4220**
	6/21/2005	**29**	0.35	0.11	0.57	--	0.017	<0.0093	0.442	0.0047	53.6	<0.0048	--	--	<0.0084	--	32.3	--	--	<0.000062	<0.0094	<0.0020	**1450**	--	2090	--	**962**	--	<0.40	7.5	<1.5	--	**3800**
	6/21/2005	**25**	0.062	0.084	0.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2006	**5.3**	0.015	0.024	0.15	--	0.003	<0.01	0.0841	<0.00091	4.04	<0.0023	--	--	<0.0069	--	190	--	--	<0.000056	<0.0094	<0.0016	1050	--	2000	--	**730**	--	<0.25	**9.9**	74	--	**3400**
	6/21/2006	**5.3**	0.015	0.024	0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/20/2007	**7.2**	0.09	0.04	0.28	--	0.009	0.0138	0.102	0.0065	19.3	0.0064	--	--	<0.0069	--	104	--	--	<0.000056	<0.0094	<0.0016	712	--	1200	--	**468**	--	<0.25	**9.9**	76.9	--	**1900**
	6/20/2007	**5.2**	0.087	0.039	0.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/2/2008	**7.7**	0.19	0.034	0.201	--	0.006	0.00993	0.411	**0.131**	128	0.029	--	48.8	0.0288	--	110	--	0.476	<0.0002	<0.0002	<0.005	852	--	1220	--	**565**	--	<0.5	**9.31**	25.9	--	282
	7/2/2008	**7.9**	0.22	0.056	0.346	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/24/2009	**9.8**	0.3	0.05	0.313	--	0.0056	<0.005	0.11	<0.005	16.2	0.00809	0.482	--	<0.005	--	99.9	<0.25	--	<0.0002	<0.01	<0.005	1000	--	1530	--	**502**	--	<0.5	**9.59**	15.8	--	**2770**
	6/24/2009	**9.7**	0.29	0.049	0.313	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/2010	**10**	0.26	0.055	0.339	--	0.0058	<0.005	0.0720	<0.005	3.20	<0.005	<0.02	--	<0.005	--	64.9	<0.005	--	<0.002	<00.01	<0.005	778	--	296	--	**375**	--	0.588	**9.41**	<50.0	--	**3100**
	6/23/2010	**9.7**	0.25	0.056	0.351	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/1/2011	**18.0**	0.425	0.0827	0.543	--	0.0037 J	<0.005	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	59.4	<0.015	--	--	<0.005	<0.01	934	--	1580	--	**509**	114	0.74	8.78	1.5	--	**2780**
	7/1/2011	**20.3**	0.436	0.0923	0.569	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/20/2012	**11.6**	0.247	0.134	0.376	--	0.0132	<0.010	0.198	<0.005	10.7	<0.005	--	--	<0.005	--	--	--	--	<0.0002	<0.015	<0.007	922	0.0206	657	--	**543**	--	<0.1	8.6	5.5	--	**2660**
	6/20/2012	**14.9**	0.319	0.146	0.452	--	--	--	--	--	--	**--**	--	--	--	--	--	--	--	--	--	--	**--**	**--**	--	--	--	**--**	--	--	--	--	**--**
WMW-3	5/14/2003	<0.0001	<0.001	<0.001	<0.002	--	<0.0095	0.014	0.62	<0.002	186	**0.19**	--	--	0.042	--	88.5	--	--	--	--	--	**1860**	**--**	1090	--	**1150**	--	1.5	--	**1680**	--	**5570**
	9/25/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.01	0.0351	**1.14**	0.0012	470	**0.905**	--	--	**0.250**	--	216	--	--	<0.00028	<0.0059	<0.0020	**1810**	**--**	1700	--	**985**	--	<0.40	7.5	**1410**	--	**6030**
	6/20/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0093	0.210	<0.00097	112	0.0421	--	--	0.0112	--	48.0	--	--	<0.000062	<0.0094	<0.0020	**1700**	**--**	1230	--	**1030**	--	<0.40	7.5	**1380**	--	**5590**
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.468	<0.00091	155	**0.0996**	--	--	0.0339	--	73.8	--	--	0.000012	<0.0094	<0.0016	**1850**	**--**	1210	--	**1150**	--	<0.25	7.5	**1580**	--	**5640**
	6/20/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.01	0.0107	0.320	<0.00090	199	**0.0701**	--	--	0.0292	--	70.4	--	--	0.000076	<0.0094	<0.0016	**2040**	**--**	1520	--	**1540**	--	1.5	7.5	**1950**	--	**5900**
	7/1/2008	<0.005	<0.005	<0.005	<0.005	--	<0.0054	0.0187	**2.05**	<0.005	336	**0.31**	--	230	--	0.158	157	--	4.45	<0.002	<0.005	<0.005	**1500**	**--**	964	--	**548**	--	<5	7.54	**963**	--	**7800**
	6/24/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	0.0166	0.265	<0.005	400	0.0154	--	4.3	--	0.0568	57.4	--	3.35	<0.0002	<0.01	<0.005	**1710**	**--**	1410	--	**677**	--	0.716	7.65	**1370**	--	**3190**
	6/22/2010	<0.001	<0.001	<0.001	<0.001	--	<0.011	<0.005	0.0351	<0.005	70.1	<0.005	0.927	--	<0.005	--	33.6	0.00920	--	<0.002	<0.01	<0.005	**1490**	**--**	238	--	**912**	--	3.06	7.66	**1620**	--	**5000**
	6/30/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	33.9	<0.015	--	--	<0.005	<0.01	**1360**	**--**	1000	--	**900**	68.6	2.2	7.46	**1530**	--	**4830**
	6/20/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.0201	<0.005	76.4	<0.005	--	--	<0.005	--	--	--	--	<0.0002	<0.015	<0.007	**1650**	**0.0572**	1400	--	**895**	--	1.8	7.7	**1550**	--	**4320**

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TABLE 2

GROUNDWATER ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
WINGATE FRACTIONATING PLANT
MCKINLEY COUNTY, NEW MEXICO

		Benzene (mg/L)	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (total) (mg/L)*	*TPH-GRO (mg/L)*	*Naphthalene (mg/L)*	*Arsenic (dissolved) (mg/L)*	*Barium (dissolved) (mg/L)*	*Cadmium (dissolved) (mg/L)*	*Calcium (mg/L)*	*Chromium (dissolved) (mg/L)*	*Iron (dissolved) (mg/L)*	*Iron (mg/L)*	*Lead (dissolved) (mg/L)*	*Lead (mg/L)*	*Magnesium (dissolved) (mg/L)*	*Manganese (dissolved) (mg/L)*	*Manganese (mg/L)*	*Mercury (mg/L)*	*Selenium (dissolved) (mg/L)*	*Silver (dissolved) (mg/L)*	*Sodium (dissolved) (mg/L)*	*Uranium-238 (mg/L)*	*Alkalinity (mg/L)*	*BOD (mg/L)*	*Chloride (mg/L)*	*COD (mg/L)*	*Nitrate (as N) (mg/L)*	*pH*	*Sulfate (mg/L)*	*Total Coliform (colonies/100 mL)*	*Total dissolved solids (TDS) (mg/L)*
WMW-4	5/14/2003	<0.0001	<0.001	<0.001	<0.002	--	<0.0097	<0.01	0.28	<0.002	37.3	0.006	--	--	**16.8**	--	16.8	--	--	--	--	--	550	--	783	--	133	--	<0.5	--	240	--	**3070**
	7/30/2003	<0.0005	<0.0007	<0.0008	<0.0008	0.053	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/23/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0077	0.0435	<0.00076	12.5	<0.0025	--	--	<0.0100	--	13.1	--	--	<0.000028	<0.0059	0.0020	553	--	788	--	149	--	<0.40	7.8	247	--	**1550**
	6/20/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0093	0.0449	<0.00097	11.7	<0.0048	--	--	<0.0084	--	12.5	--	--	<0.000062	<0.0094	<0.0020	529	--	764	--	152	--	<0.40	7.8	243	--	**1470**
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0414	<0.00091	12	<0.0023	--	--	<0.0069	--	12.8	--	--	<0.000056	<0.0094	<0.0016	532	--	722	--	163	--	<0.25	7.8	266	--	**1480**
	6/20/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0782	<0.00090	15	0.0039	--	--	<0.0069	--	13.8	--	--	<0.000056	<0.0094	<0.0016	582	--	765	--	184	--	<0.25	8.0	265	--	**1380**
	6/30/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.0463	<0.005	12.1	<0.005	0.963	--	<0.005	--	0.248	--	0.248	<0.0002	<0.005	<0.005	526	--	672	--	186	--	<0.5	7.54	240	--	**1460**
	6/22/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.025	0.0627	<0.025	16.5	<0.025	**4.13**	--	<0.025	--	12.2	--	0.325	<0.0002	<0.025	<0.025	566	--	673	--	143	--	<0.5	7.73	228	--	**1470**
	6/22/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0055	<0.005	0.0492	<0.005	13.60	<0.005	<0.02	--	<0.005	--	14.4	**0.279**	--	<0.002	<0.01	<0.005	548	--	199	--	171	--	0.541	7.69	265	--	**1830**
	6/30/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	12.4	**0.261**	--	--	<0.005	<0.01	442	--	760	--	157	24.3	<0.50	7.72	256	--	**1580**
	6/20/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.0538	<0.005	12.6	<0.005	--	--	<0.005	--	--	**--**	--	<0.0002	<0.015	<0.007	566	0.0012	798	--	191	--	<0.1	7.8	318	--	**1540**
WMW-5	5/14/2003	<0.0001	<0.001	<0.001	<0.002	--	<0.0095	<0.01	<0.2	<0.002	332	<0.005	--	--	<0.003	--	98	--	--	--	--	--	**1310**	**--**	895	--	**598**	--	<0.5	--	**2380**	--	**5530**
	7/30/2003	<0.0005	<0.0007	<0.0008	<0.0008	<	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/23/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0047	0.0117	<0.00076	186	<0.0025	--	--	<0.0100	--	48.8	--	--	0.000044	<0.0059	<0.0020	915	--	788	--	**307**	--	<0.40	7.1	**1330**	--	**3410**
	6/20/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0093	0.0137	<0.00097	187	<0.0048	--	--	<0.0084	--	50.5	--	--	<0.000062	<0.0094	<0.0020	834	--	693	--	**334**	--	<0.40	7.0	**1400**	--	**3300**
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0076	<0.00091	144	<0.0023	--	--	<0.0069	--	38.7	--	--	<0.000056	<0.0094	<0.0016	730	--	680	--	224	--	<0.25	7.1	**1210**	--	**2380**
	6/18/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0213	<0.00090	253	<0.0023	--	--	<0.0069	--	69	--	--	<0.000056	<0.0094	<0.0016	**1170**	--	796	--	**383**	--	<0.25	7.2	**1730**	--	**4380**
	6/30/2008	<0.0005	<0.0005	<0.0005	<0.0005	--	<0.005	<0.005	0.0163	<0.005	137	<0.005	0.562	--	<0.005	--	41.4	--	1.12	<0.0002	<0.005	<0.005	811	--	548	--	232	--	<0.5	7.15	**1270**	--	**3020**
	6/22/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.025	<0.025	<0.025	172	<0.025	0.346	--	<0.025	--	49.4	--	0.693	<0.0002	<0.025	<0.025	912	--	682	--	**259**	--	<0.5	7.37	**1370**	--	**3260**
	6/22/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0056	<0.005	0.0098	<0.005	170	<0.005	<0.02	--	<0.005	--	51.3	**1.13**	--	<0.002	<0.01	<0.005	862	--	165	--	**275**	--	0.608	7.21	**1430**	--	**3380**
	6/30/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	38.7	**0.336**	--	--	<0.005	<0.01	752	--	664	--	238	24.3	<0.50	7.22	**1270**	--	**3130**
	6/20/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	<0.010	<0.005	104	<0.005	--	--	<0.005	--	--	**--**	--	<0.0002	<0.015	<0.007	754	0.0116	646	--	226	--	<0.10	7.4	**1200**	--	**2630**
WMW-6	9/24/2004	<0.0005	<0.0007	<0.0008	<0.0008	<	<0.001	<0.0047	0.0517	<0.00076	34.4	<0.0025	--	--	<0.0100	--	13.2	--	--	<0.000028	<0.0059	<0.0020	315	--	425	--	57.5	--	<0.40	7.8	285	--	**1020**
	6/21/2005	<0.0005	<0.0007	<0.0008	<0.00008	--	<0.001	<0.0093	0.0490	<0.00097	35.9	<0.0048	--	--	<0.0084	--	13.4	--	--	<0.000062	<0.0094	<0.0020	294	--	428	--	58.8	--	<0.40	7.7	290	--	952
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.049	<0.00091	38.1	<0.0023	--	--	<0.0069	--	14.1	--	--	<0.000056	0.0094	<0.0016	300	--	488	--	58.9	--	<0.25	7.7	293	--	966
	6/18/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0637	<0.00090	44.3	<0.0023	--	--	<0.0069	--	15.5	--	--	<0.000056	0.0094	<0.0016	320	--	449	--	66.7	--	<0.25	7.7	280	--	**1070**
	7/1/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	0.0119	**2.34**	<0.005	194	**0.0863**	--	77	--	0.0545	56.3	--	2.76	<0.0002	<0.005	<0.005	317	--	451	--	76.5	--	<1	7.82	328	--	**1500**
	6/23/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.0679	<0.005	41.1	<0.005	--	0.516	<0.005	--	14.4	0.162	--	<0.0002	<0.005	<0.005	339	--	389	--	57.2	--	<0.5	7.87	276	--	**1020**
	6/23/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0055	<0.005	0.0421	<0.005	41.9	<0.005	0.0445	--	<0.005	--	15.5	0.0193	--	<0.002	<0.01	<0.005	304	--	128	--	62.4	--	<0.5	7.42	280	--	**1220**
	6/29/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	<0.2	<0.004	--	<0.01	0.232	--	<0.003	--	16.2	0.053	--	--	<0.005	<0.01	308	--	446	--	70.9	<20	<0.50	7.48	374	--	**1060**
	6/18/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.01	0.0352	<0.005	33.8	<0.005	--	--	<0.005	--	--	--	--	<0.0002	<0.015	<0.007	--	0.0109	458	--	62.8	--	<0.10	7.6	314	--	946
WMW-7	9/24/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0047	0.179	<0.00076	35.5	0.0074	--	--	<0.0100	--	15.8	--	--	<0.000028	<0.0059	<0.0020	362	--	526	--	63.7	--	<0.40	7.7	309	--	**1200**
	6/21/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0093	0.0394	<0.00097	48.0	<0.0048	--	--	<0.0084	--	25.4	--	--	<0.000062	<0.0094	<0.0020	803	--	630	--	170	--	<0.40	7.7	**1120**	--	**2590**
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0315	<0.00091	42.2	<0.0023	--	--	<0.0069	--	22.2	--	--	<0.000056	<0.0094	<0.0016	776	--	589	--	234	--	<0.25	7.6	**1080**	--	**2360**
	6/18/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0339	<0.00090	42.9	<0.0023	--	--	<0.0069	--	21.8	--	--	<0.000056	<0.0094	<0.0016	773	--	643	--	152	--	<0.25	7.7	**896**	--	**2310**
	6/30/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.198	<0.005	50.5	0.0137	--	15.3	0.00946	--	24.9	--	0.511	<0.0002	<0.005	<0.005	478	--	514	--	92.4	--	<0.5	7.34	224	--	**1580**
	6/22/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.025	0.0371	<0.025	41.1	<0.025	0.284	--	<0.025	--	16.9	0.2	--	<0.0002	<0.025	<0.025	509	--	520	--	80.4	--	<0.5	7.56	439	--	**1410**
	6/23/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0057	<0.005	0.0312	<0.005	35.6	<0.005	0.0210	--	<0.005	--	15.0	0.122	--	<0.002	<0.01	<0.005	417	--	183	--	71.5	--	0.500	7.38	353	--	**1520**
	6/30/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	13.5	0.146	--	--	<0.005	<0.01	296	--	536	--	67.3	<20	<0.50	7.46	337	--	**1250**
	6/18/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.0325	<0.005	36.3	<0.005	--	--	<0.005	--	--	--	--	<0.0002	<0.015	<0.007	--	0.0152	559	--	80.4	--	<0.1	7.6	385	--	**1190**
WMW-8	9/24/2004	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0047	0.213	<0.00076	36.1	<0.0025	--	--	<0.0100	--	17.6	--	--	<0.000028	<0.0059	<0.0020	218	--	440	--	27.0	--	<0.40	7.8	130	--	753
	6/21/2005	<0.0005	<0.0007	<0.00008	<0.0008	--	<0.001	<0.0093	0.126	<0.00097	29.3	<0.0048	--	--	<0.0084	--	14.7	--	--	<0.000062	<0.0094	<0.0020	279	--	497	--	42.9	--	<0.40	7.7	169	--	882
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.151	<0.00091	28.9	<0.0023	--	--	<0.0069	--	14.8	--	--	<0.000056	<0.0094	<0.0016	286	--	506	--	--	--	<0.25	--	--	--	--
	6/19/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.171	<0.00090	295	<0.0023	--	--	<0.0069	--	186	--	--	<0.000056	<0.0094	<0.0016	186	--	487	--	28.5	--	<0.25	7.6	143	--	795
	7/1/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.185	<0.005	38.5	<0.005	0.083	--	<0.005	--	18.2	--	0.311	<0.002	<0.005	<0.005	214	--	425	--	21.6	--	<0.5	7.6	148	--	816
	6/23/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.215	<0.005	39.6	<0.005	0.0771	--	<0.005	--	18	--	0.278	<0.0002	<0.005	<0.005	220	--	369	--	21.8	--	<0.5	7.69	149	--	718
	6/23/2010	<0.001	<0.001	<0.001	<0.001	--	<0.0058	<0.005	0.202	<0.005	43.2	<0.005	0.0344	--	<0.005	--	19.4	**0.379**	--	<0.002	<0.01	<0.005	202	--	135	--	23.1	--	<0.5	7.28	134	--	854
	7/1/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	<0.005	0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	19.5	**0.344**	--	--	<0.005	<0.01	217	--	432	--	23.5	<20	<0.50	7.66	185	--	735
	6/18/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.178	<0.005	36.0	<0.005	--	--	<0.005	--	--	**--**	--	<0.0002	<0.015	<0.007	--	0.0106	452	--	21.7	--	<0.10	7.8	143	--	665

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TABLE 2

GROUNDWATER ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
WINGATE FRACTIONATING PLANT
MCKINLEY COUNTY, NEW MEXICO

		Benzene (mg/L)	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (total) (mg/L)*	*TPH-GRO (mg/L)*	*Naphthalene (mg/L)*	*Arsenic (dissolved) (mg/L)*	*Barium (dissolved) (mg/L)*	*Cadmium (dissolved) (mg/L)*	*Calcium (mg/L)*	*Chromium (dissolved) (mg/L)*	*Iron (dissolved) (mg/L)*	*Iron (mg/L)*	*Lead (dissolved) (mg/L)*	*Lead (mg/L)*	*Magnesium (dissolved) (mg/L)*	*Manganese (dissolved) (mg/L)*	*Manganese (mg/L)*	*Mercury (mg/L)*	*Selenium (dissolved) (mg/L)*	*Silver (dissolved) (mg/L)*	*Sodium (dissolved) (mg/L)*	*Uranium-238 (mg/L)*	*Alkalinity (mg/L)*	*BOD (mg/L)*	*Chloride (mg/L)*	*COD (mg/L)*	*Nitrate (as N) (mg/L)*	*pH*	*Sulfate (mg/L)*	*Total Coliform (colonies/100 mL)*	*Total dissolved solids (TDS) (mg/L)*
East Pond	9/23/2004	<0.003	<0.004	<0.004	<0.004	--	<0.001	<0.0047	0.0730	<0.00076	1080	0.0029	--	--	<0.0100	--	625	--	--	<0.000028	0.0061	<0.0020	**12400**	--	148	18.9	**19600**	**150**	<0.40	**9.8**	**6690**	>200.5	**46200**
	6/20/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.0093	0.0731	<0.00097	1010	<0.0048	--	--	<0.0084	--	488	--	--	<0.000062	<0.0094	<0.0020	**9560**	--	110	--	**13000**	--	<0.40	**10.4**	**5090**	--	**31100**
	6/21/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.7	--	105	--	--	--	>200.5	--
	6/21/2006	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0113	0.117	<0.00091	1400	<0.0023	--	--	<0.0069	--	889	--	--	<0.000056	<0.0094	<0.0016	**9640**	--	156	<11.9	**13000**	**147**	<0.25	**10.4**	**9180**	8.7	**34800**
	6/19/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	<0.01	0.0667	<0.00090	251	<0.0023	--	--	<0.0069	--	161	--	--	<0.000056	<0.0094	<0.0016	**4340**	--	103	<9.8	**5720**	**462**	1.3	**9.8**	**5860**	>200.5	**19700**
	7/2/2008	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.0813	<0.005	1070	<0.005	<0.02	--	<0.005	--	736	<0.005	--	<0.002	<0.005	<0.005	**3890**	--	76	<2.0	**4880**	94	<5.0	**10**	**7690**	<1.0	**16200**
	6/24/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	<0.005	0.0443	<0.005	849	0.00521	<0.02	--	<0.005	--	605	<0.25	--	<0.0002	<0.01	<0.005	**2510**	--	88	4.4	**2270**	67.5	<0.5	**10**	**5360**	4	**13000**
	6/21/2010	<0.01	<0.01	<0.01	<0.01	--	<0.0066	<0.05	<0.05	<0.05	1160	<0.05	<0.2	--	<0.05	--	940	<0.05	--	<0.002	<0.1	<0.05	**3370**	--	143	5.54	**3680**	107	<50	**9.99**	**8320**	>2416.6	**2670**
	6/28/2011	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.0050	0.0073	<0.2	<0.004	--	<0.01	<0.1	--	<0.003	--	979	0.0296	--	--	<0.005	<0.01	**3990**	--	99.0	5.5	**4320**	**132**	<5.0	**9.60**	**10300**	>2416.6	**20600**
	6/19/2012	<0.0010	<0.0010	<0.0010	<0.0030	--	<0.010	<0.010	0.0488	<0.005	997	<0.005	--	--	<0.005	--	--	--	--	<0.0002	<0.015	<0.007	**4670**	0.0121	--	9.4	**4540**	**171**	<0.10	8.7	**10100**	>2419.6	**23300**
West Pond	9/23/2004	<0.01	<0.014	<0.016	<0.016	--	<0.001	0.0362	0.0858	<0.00076	698	0.0051	--	--	<0.0100	--	8830	--	--	<0.000028	0.0199	<0.0020	**57900**	**--**	469	**62.5**	**90300**	**1210**	<80	8.5	**29500**	<1.0	**209000**
	6/20/2005	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0253	0.103	0.0016	539	<0.0048	--	--	<0.0840	--	4950	--	--	<0.000062	0.0145	0.0077	**142000**	**--**	357	--	**180000**	--	<1600	7.7	**16400**	--	**369000**
	6/21/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.5	--	**775**	--	--	--	<1.0	--
	6/19/2007	<0.0005	<0.0007	<0.0008	<0.0008	--	<0.001	0.0193	0.0591	<0.00090	34.4	<0.0023	--	--	<0.0069	--	18.1	--	--	0.00012	<0.0094	0.0069	283	--	416	<42.42	**36000**	**10200**	<2.5	7.9	**19600**	<1.0	**361000**
	7/2/2008	<0.005	<0.005	<0.005	<0.005	--	<0.0055	0.0468	0.0207	<0.005	257	0.0062	0.223	--	<0.005	--	14800	--	5.79	<0.0002	0.00788	<0.005	**59900**	--	799	**30.8**	**153000**	**2940**	<50	7.46	**15400**	<1.0	**285000**
	6/24/2009	<0.005	<0.005	<0.005	<0.005	--	<0.005	0.0336	<0.1	<0.1	440	<0.25	0.197	--	<0.1	--	5250	--	1.2	<0.0002	<0.01	<0.1	**68000**	--	435	7.7	**173000**	**1600**	<2500	8.1	**14800**	<1	**397000**
	6/21/2010	<0.01	<0.01	<0.01	<0.01	--	<0.0066	<0.1	<0.1	<0.1	192	<0.1	<0.4	--	<0.1	--	30200	**5.04**	--	<0.002	<0.2	<0.1	**53800**	--	1530	11.6	**165000**	**2950**	<50	7.06	**38100**	<1	**53200**
	6/28/2011	0.0098 J	0.0186 J	0.0066 J	<0.075	--	<0.13	**0.152**	<2	<0.04	--	<0.1	<1	--	<0.06	--	36700	**7.66**	--	--	<0.05	<0.1	**63200**	--	2130	**48.2**	**204000**	**4650**	<50	7.02	**190000**	<1.0	**37400**
	6/19/2012	--	--	--	--	--	--	**--**	--	--	--	**--**	--	--	--	**--**	--	--	--	--	**--**	--	--	--	--	--	--	--	--	--	**--**	--	--	--
NMWQCC Groundwater Quality Standards		**0.01**	**0.75**	**0.75**	**0.62**	**NE**	**0.03**	**0.1**	**1.0**	**0.01**	**NE**	**0.05**	**1.0**	**NE**	**0.05**	**NE**	**NE**	**0.2**	**NE**	**0.002**	**0.05**	**0.05**	**1140**	**0.03**	**NE**	**30**	**250**	**125**	**10**	**6.00-9.00**	**600**	**NE**	**1000**

Notes:
MW = monitoring well
NMWQCC = New Mexico Water Quality Control Commission
Constituents in **BOLD** are in excess of NMWQCC groundwater quality standards
mg/L = milligrams per liter (parts per million)
< 1.0 = Below laboratory detection limit of 1.0 mg/L
NA = not analyzed
* = Results reported for total metals analysis, results can not be compared to NMWQCC Standards for dissolved metals

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APPENDIX A

HISTORIC BORING LOGS

PROJECT NAME: 3690050
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 6-23-03
DATE: COMPLETED: 6-26-03

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

MONITORING WELL NO. MWR-1
FIELD LOGGED BY: K.Henderson
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 5.8 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 10.0 (in)

WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet):
Static Water Level (feet): 5.8
First Occurance of Groundwater (feet): 20.40
Well Development: NA
Well Cap: Locking Metal Above Ground Well Protector

Type of Casing: PVC
Casing Diameter: 2 inches with prepacked screen
Slot Size: 0.010

ELEVATION (msl) - ft	SAMPLE INTERVAL/ID	COMPLETION DIAGRAM	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	BLOW COUNT	ANALYTICAL	TIME	% RECOVERY	PID RESULT (ppm)	DEPTH (bgs) - ft
0.0			CLAY, trace silt, soft, orangish-brown, damp, trace very thin laminations of white crystalline powder	CL	Hand Auger to 2.5 feet into hard clay	NS	1310	100		0
			CLAY, soft to medium stiff, trace organic material and white crystalline powder, orangish-brown, damp	CL	2-4-5			100	20.3	
-5.0		Static Water Level								5
-10.0		BENTONITE GROUT	CLAY, hard, trace silt and white crystalline powder, damp	CL-CH	6-15-18			100	4.7	10
-15.0		BENTONITE SEAL	CLAY, very stiff, orangish-brown, trace organic material, damp	CH	7-11-17			100	5.7	15

Boring Terminated at 45' bgs

Split Spoon Sample

3690050	MAXIM TECHNOLOGIES INC®	EXPLORATORY BORING LOG	MWR-1

PROJECT NAME: 3690050
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 6-23-03
DATE: COMPLETED: 6-26-03

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

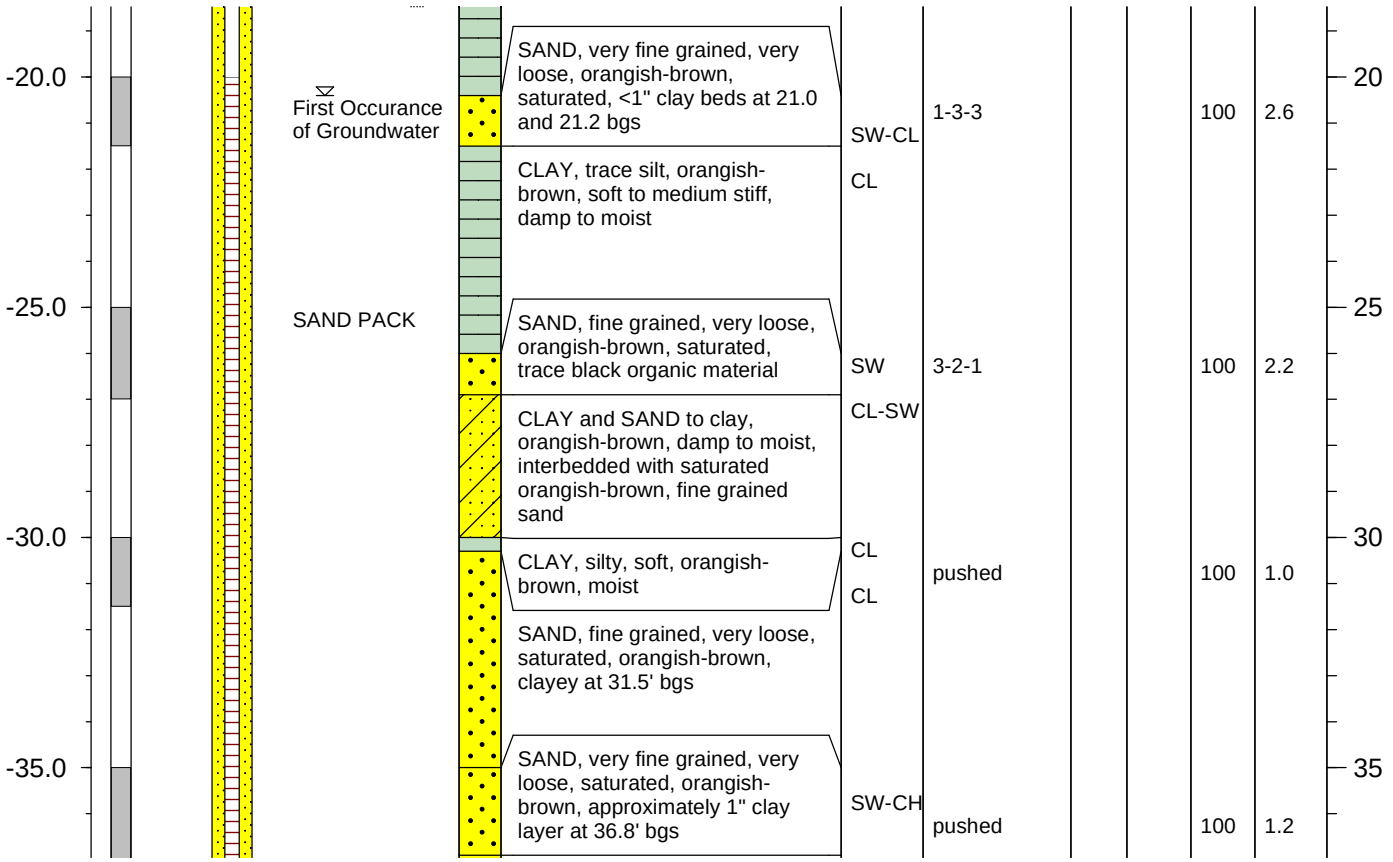
MONITORING WELL NO. MWR-1
FIELD LOGGED BY: K.Henderson
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 5.8 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 10.0 (in)

WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet):
Static Water Level (feet): 5.8
First Occurance of Groundwater (feet): 20.40

Well Development: NA
Well Cap: Locking Metal Above Ground Well Protector

Type of Casing: PVC
Casing Diameter: 2 inches with prepacked screen
Slot Size: 0.010



Boring Terminated at 45' bgs

Split Spoon Sample

3690050	MAXIM TECHNOLOGIES INC®	EXPLORATORY BORING LOG	MWR-1

PROJECT NAME: 3690050
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 6-23-03
DATE: COMPLETED: 6-26-03

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

MONITORING WELL NO. MWR-1
FIELD LOGGED BY: K.Henderson
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 5.8 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 10.0 (in)

WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet):
Static Water Level (feet): 5.8
First Occurance of Groundwater (feet): 20.40
Well Development: NA
Well Cap: Locking Metal Above Ground Well Protector

Type of Casing: PVC
Casing Diameter: 2 inches with prepacked screen
Slot Size: 0.010

ELEVATION (msl) - ft	SAMPLE INTERVAL/ID	COMPLETION DIAGRAM	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	BLOW COUNT	ANALYTICAL	TIME	% RECOVERY	PID RESULT (ppm)	DEPTH (bgs) - ft
-40.0		Threaded Bottom Cap	SAND, fine and medium grained, saturated, brownish-gray, very loose	SW-CH						40
			CLAY, orangish-borwn, moist to wet, silty at 40.4' bgs	CL	pushed			100	0.4	
			SAND, fine and medium grained, very loose, brownish-gray and orangish-brown, saturated, <1" clay beds at 45.4 and 46.8 feet bgs	SW						
-45.0					pushed		1415	100	0.5	45

Boring Terminated at 45' bgs

Split Spoon Sample

3690050	MAXIM TECHNOLOGIES INC®	EXPLORATORY BORING LOG	MWR-1

PROJECT NAME: 3690050
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 6-24-03
DATE: COMPLETED: 6-25-03

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

MONITORING WELL NO. WMW-6
FIELD LOGGED BY: K.Henderson
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 9.51 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 8.0 (in)

WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet):
Static Water Level (feet): 9.51
First Occurance of Groundwater (feet): 18

Type of Casing: PVC
Casing Diameter: 2 inches
Slot Size: 0.010
Total Well Depth (feet bgs):

Well Development: Water Extraction Until Visibly Free of Sediment
Well Cap: Locking Metal Above Ground Well Protector

ELEVATION (msl) - ft	SAMPLE INTERVAL/ID	COMPLETION DIAGRAM	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	BLOW COUNT	ANALYTICAL	TIME	% RECOVERY	PID RESULT (ppm)	DEPTH (bgs) - ft
0.0		BENTONITE GROUT	CLAY, silty at surface, orangish-brown, dry to damp, brittle, trace silt	CL	Hand Auger to 2 feet into hard clay	NS	1425	100		0
-5.0			CLAY, orangish-brown, stiff to very stiff, interbedded with clay with some silt, trace organic material and white crystalline powder, damp	CL	9-13-16			100	11.0	5
-10.0		Static Water Level	CLAY, orangish-brown, hard, trace to some silt, trace organic material and white crystalline powder thin laminations, damp, getting softer at approximately 18 feet bgs (as noted by driller)	CL-CH	8-13-20			100	4.6	10
-15.0		BENTONITE SEAL			7-13-15			100	2.5	15
		First Occurance								

Boring Terminated at 45' bgs

Split Spoon Sample

3690050	MAXIM TECHNOLOGIES INC®	EXPLORATORY BORING LOG	WMW-6

PROJECT NAME: 3690050
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 6-24-03
DATE: COMPLETED: 6-25-03

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

MONITORING WELL NO. WMW-6
FIELD LOGGED BY: K.Henderson
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 9.51 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 8.0 (in)

WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet):
Static Water Level (feet): 9.51
First Occurance of Groundwater (feet): 18

Type of Casing: PVC
Casing Diameter: 2 inches
Slot Size: 0.010
Total Well Depth (feet bgs):

Well Development: Water Extraction Until Visibly Free of Sediment
Well Cap: Locking Metal Above Ground Well Protector

ELEVATION (msl) - ft	SAMPLE INTERVAL/ID	COMPLETION DIAGRAM	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	BLOW COUNT	ANALYTICAL	TIME	% RECOVERY	PID RESULT (ppm)	DEPTH (bgs) - ft
-20.0			of Groundwater							20
			SAND, light orangish-brown, very fine grained, saturated, very loose	SW	1-1-1			<5	1.7	
			CLAY with sand, soft, wet, orangish-brown, <1" clay bed at approximately 25.4 feet bgs	CL						
-25.0		SAND PACK								25
			SAND with some clay, saturated, orangish-brown, black clay stringer	SC	1-1-2			100	1.7	
-30.0			SAND, fine grained, orangish-brown, saturated, very loose, some clay at 31.7 feet bgs	SW-SC	1-2-3			100	5.2	30
-35.0		Threaded Bottom Cap	SAND with gravel, very loose, orangish-brown, chert and sandstone fragments from 1/8" to 1/4", some coarse grained sand, saturated	GW	2-9-9			100	5.5	35

Boring Terminated at 45' bgs

Split Spoon Sample

3690050	MAXIM TECHNOLOGIES INC®	EXPLORATORY BORING LOG	WMW-6

PROJECT NAME: 3690050
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 6-24-03
DATE: COMPLETED: 6-25-03

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

MONITORING WELL NO. WMW-6
FIELD LOGGED BY: K.Henderson
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 9.51 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 8.0 (in)

WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet):
Static Water Level (feet): 9.51
First Occurance of Groundwater (feet): 18

Type of Casing: PVC
Casing Diameter: 2 inches
Slot Size: 0.010
Total Well Depth (feet bgs):

Well Development: Water Extraction Until Visibly Free of Sediment
Well Cap: Locking Metal Above Ground Well Protector

ELEVATION (msl) - ft	SAMPLE INTERVAL/ID	COMPLETION DIAGRAM	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	BLOW COUNT	ANALYTICAL	TIME	% RECOVERY	PID RESULT (ppm)	DEPTH (bgs) - ft
-40.0			SAND, silty, saturated, orangish-brown, very fine grained	SM			1030			40
-45.0										45

Boring Terminated at 45' bgs

Split Spoon Sample

3690050	MAXIM TECHNOLOGIES INC®	EXPLORATORY BORING LOG	WMW-6

PROJECT NAME: 4690019
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 9/22/04
DATE: COMPLETED: 9/23/04

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

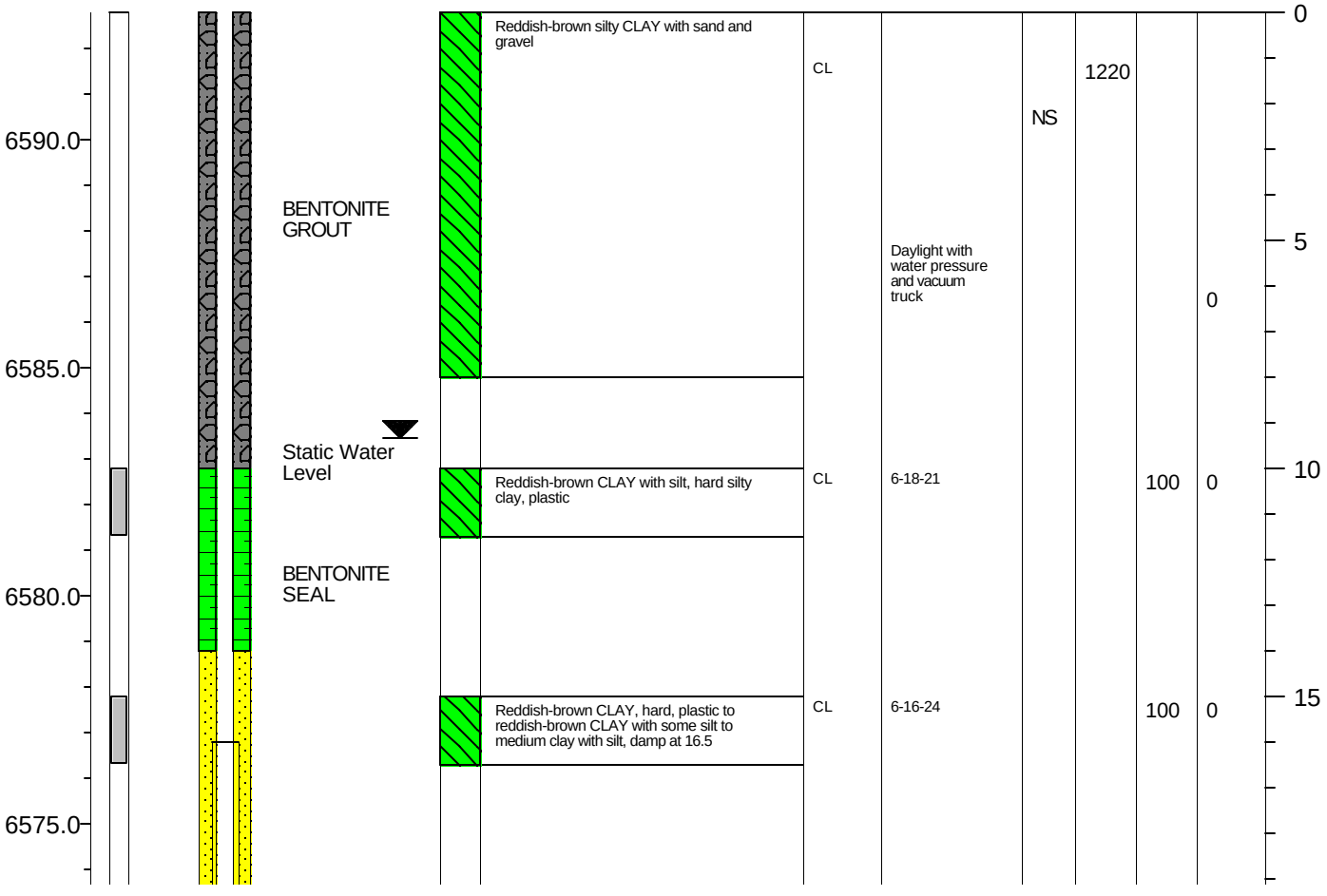
MONITORING WELL NO. WMW-7
FIELD LOGGED BY: Angela Conlan
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 9.33 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 8.0 (in)

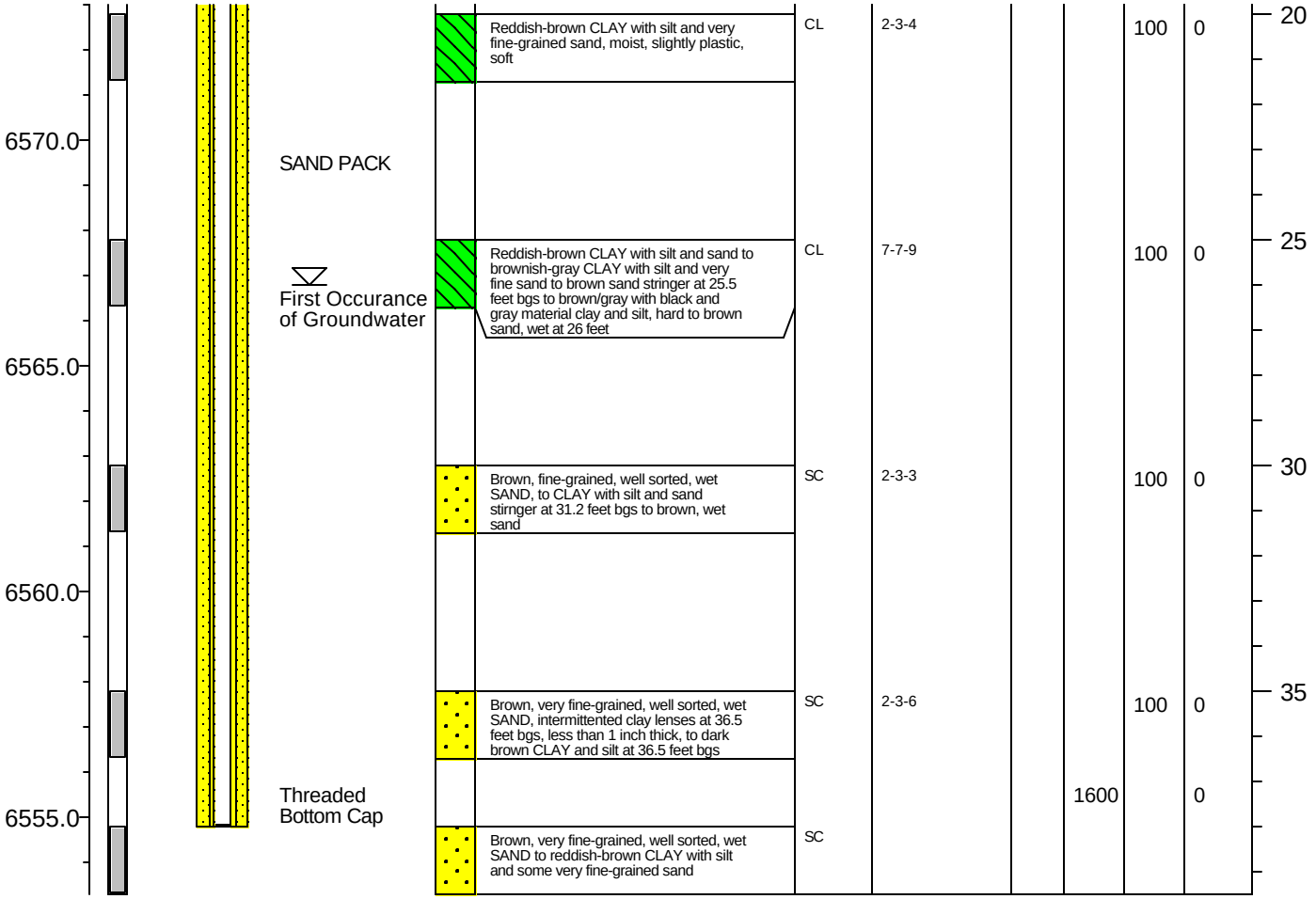
WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet): 6594.70
Static Water Level (feet): 9.33
First Occurance of Groundwater (feet): 26

Type of Casing: PVC
Casing Diameter: 4 inches
Slot Size: 0.010
Total Well Depth (feet bgs): 38

Well Development: Water Extraction Until Visibly Free of Sediment
Well Cap: Locking Metal Above Ground Well Protector





Boring Terminated at 38' bgs

Split Spoon Sample

4690019		EXPLORATORY BORING LOG	WMW-7

PROJECT NAME: 4690019
LOCATION: Wingate Gas Fractionating Plant

DRILLED BY: Kleinfelder Drilling
DATE: HOLE STARTED: 9/22/04
DATE: COMPLETED: 9/22/04

REMARKS: bgs = below ground surface
NA=Not Applicable, NS=No Sample
MW=Monitoring Well
msl = mean sea level
TOC = Top of Casing

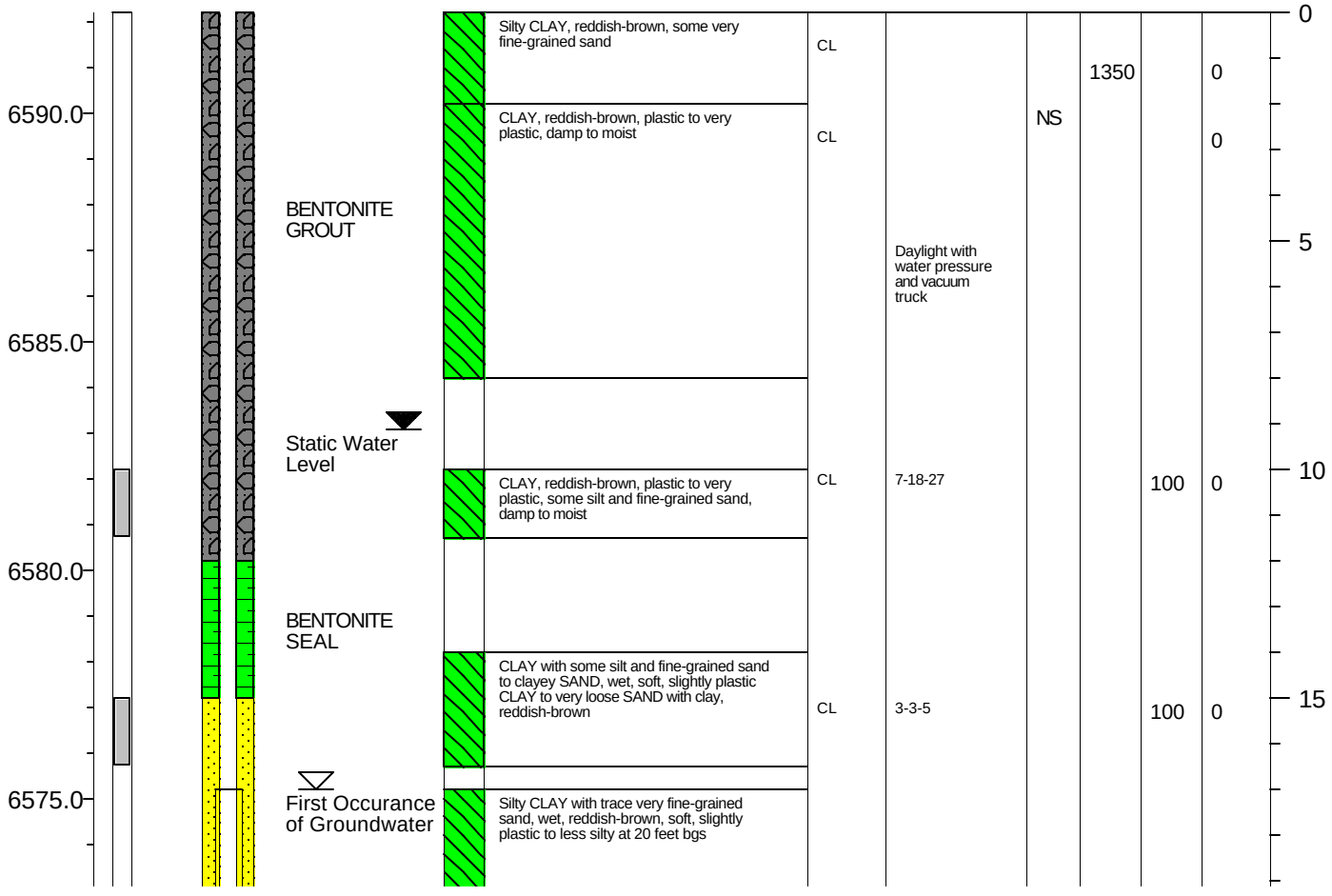
MONITORING WELL NO. WMW-8
FIELD LOGGED BY: Angela Conlan
ELEVATION: GROUND SURFACE (msl): Not Recorded (ft)
GROUNDWATER (below TOC): 9.11 feet bgs (ft)
DRILL TYPE: Hollow Stem Auger
CME 75
BORE HOLE DIAMETER: 8.0 (in)

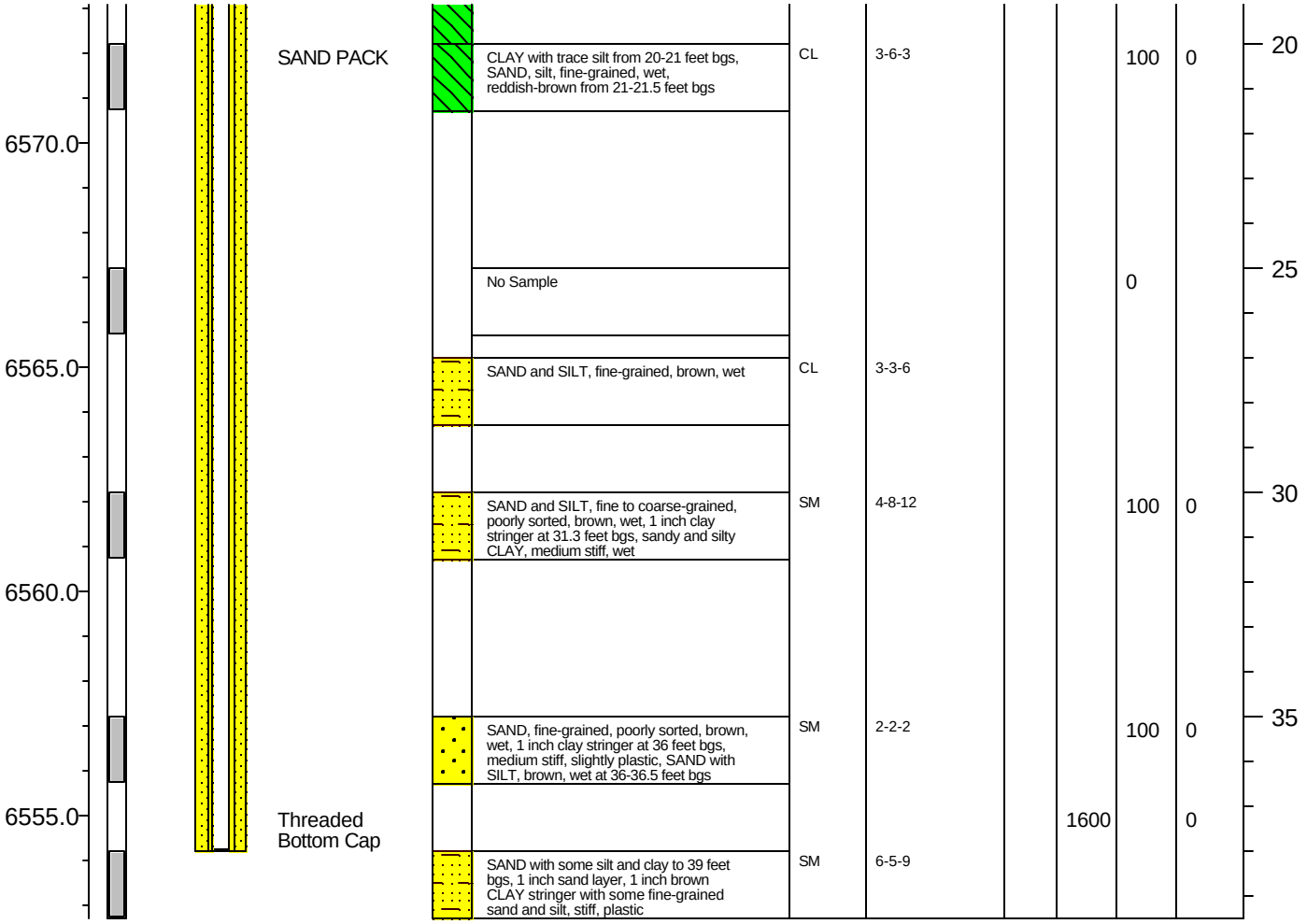
WELL COMPLETION INFORMATION

Measuring Point Description: Top of Casing
Measuring Point Elevation (feet): 6594.05
Static Water Level (feet): 9.11
First Occurance of Groundwater (feet): 17

Type of Casing: PVC
Casing Diameter: 4 inches
Slot Size: 0.010
Total Well Depth (feet bgs): 38

Well Development: Water Extraction Until Visibly Free of Sediment
Well Cap: Locking Metal Above Ground Well Protector





Boring Terminated at 38' bgs

Split Spoon Sample

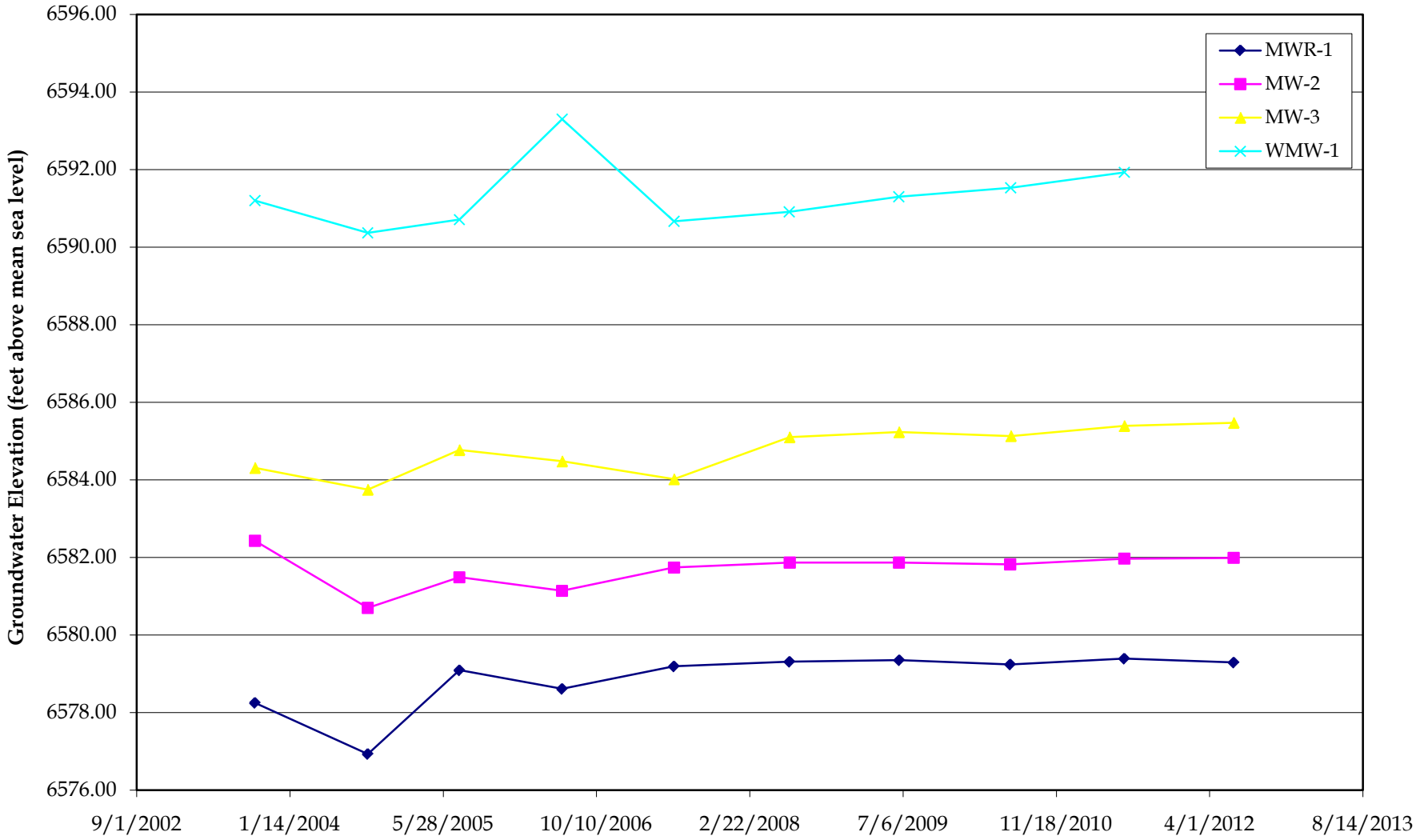
4690019		EXPLORATORY BORING LOG	WMW-8

APPENDIX B

ANALYTICAL CONCENTRATIONS VS. TIME GRAPHS AND SITE HYDROGRAPHS

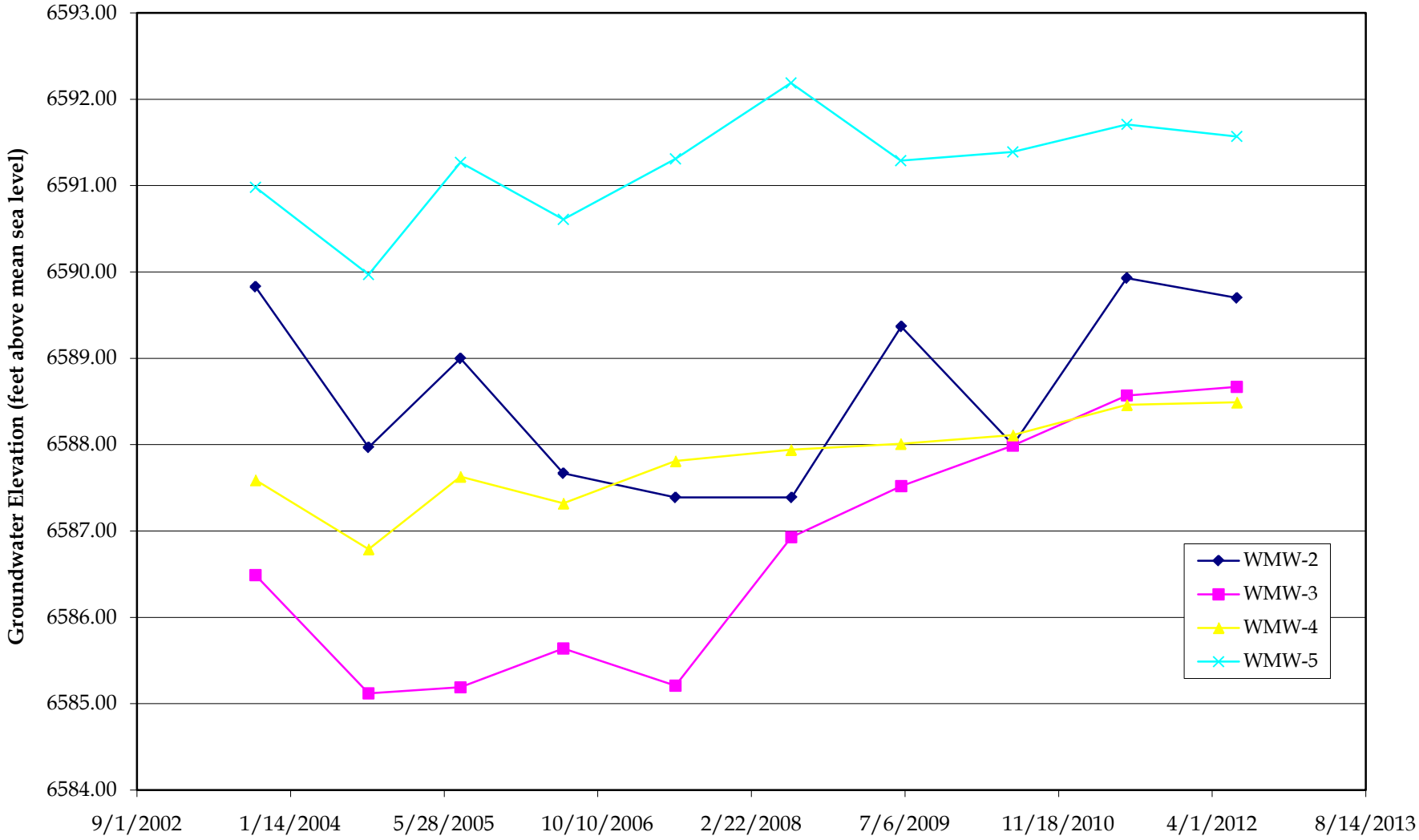
ConocoPhillips Company
Wingate Fractionating Plant

Groundwater Elevations vs. Time in Wingate Monitor Wells



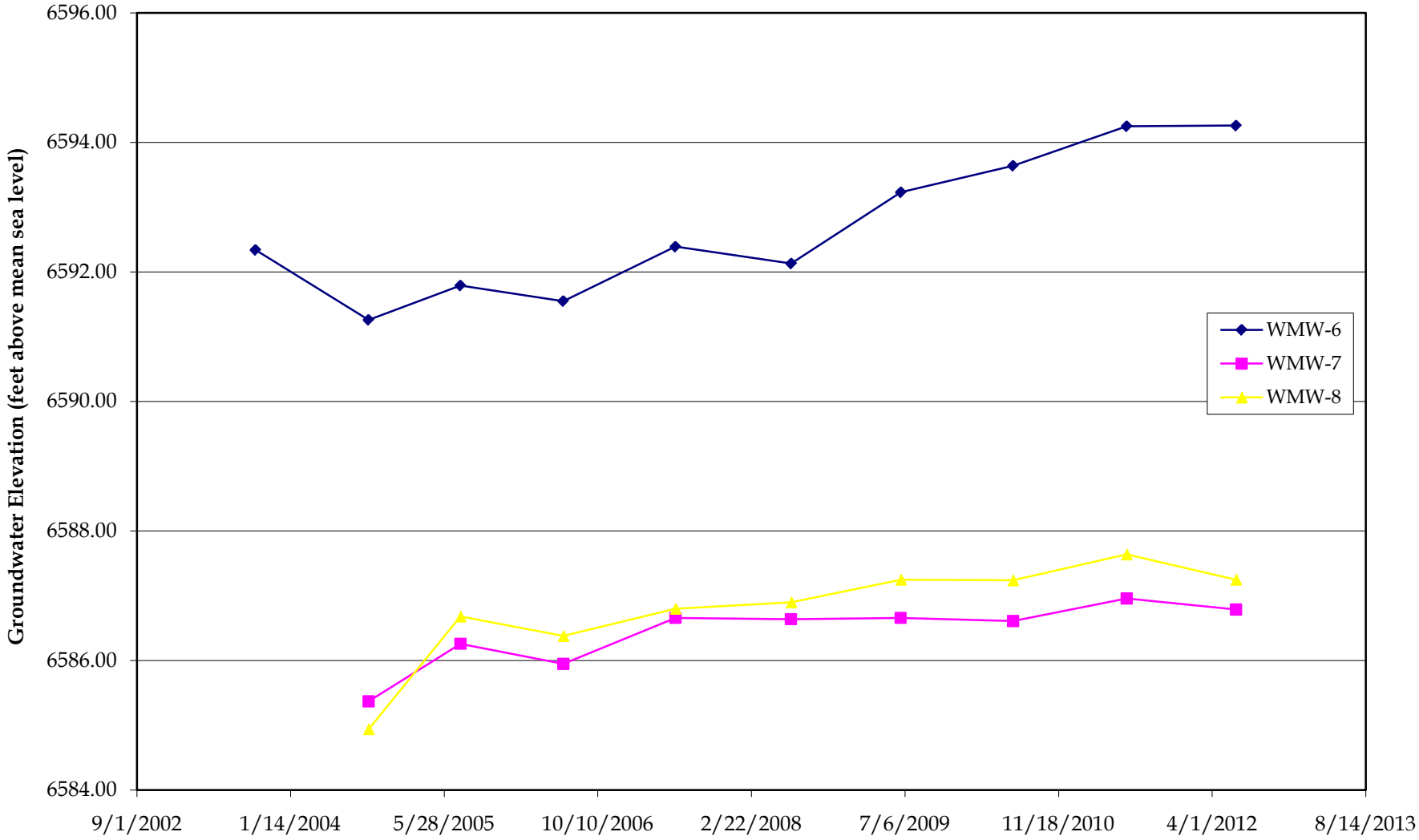
ConocoPhillips Company
Wingate Fractionating Plant

Groundwater Elevations vs. Time in Wingate Monitor Wells



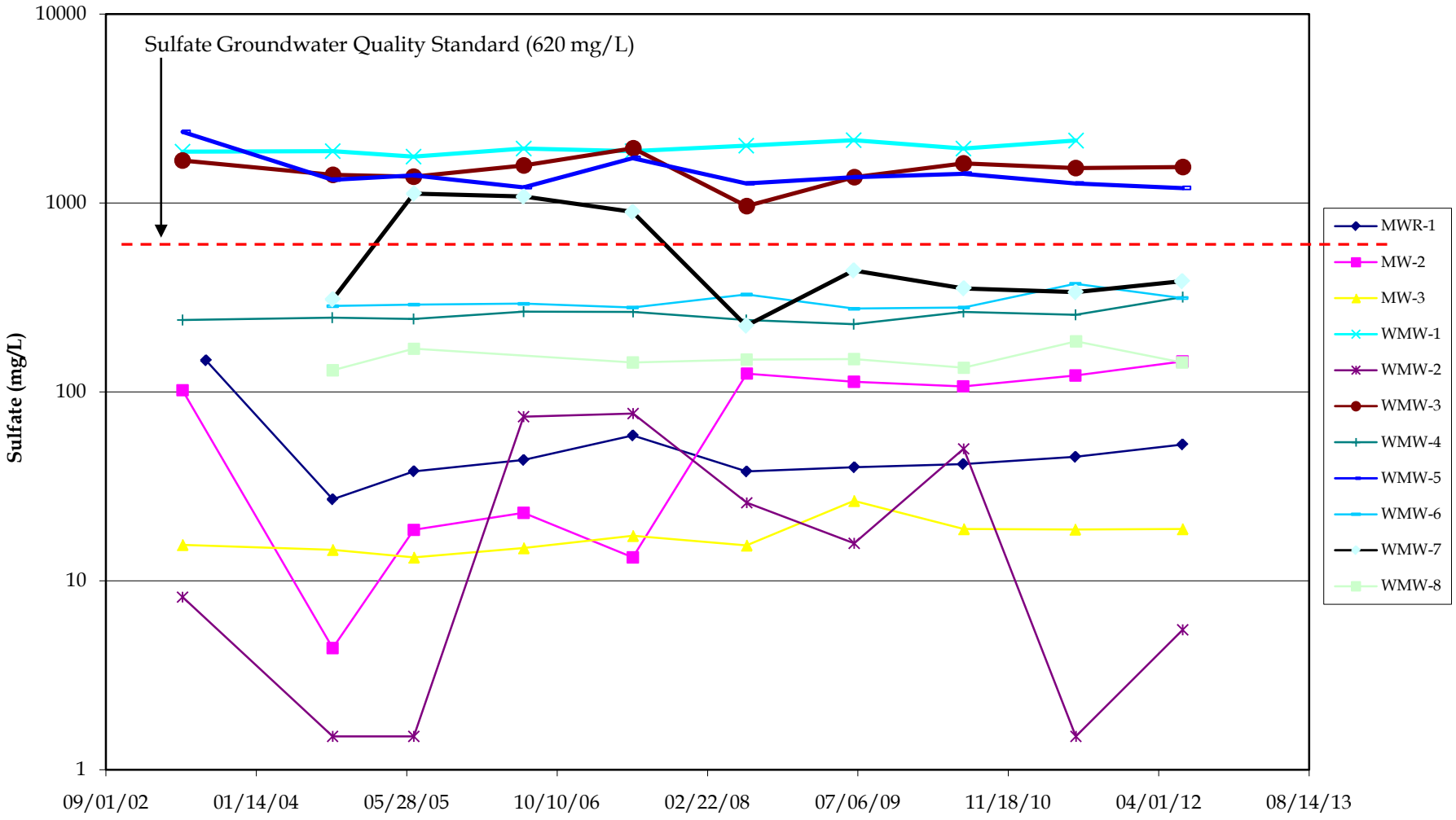
ConocoPhillips Company
Wingate Fractionating Plant

Groundwater Elevation vs. Time in Wingate Monitor Wells



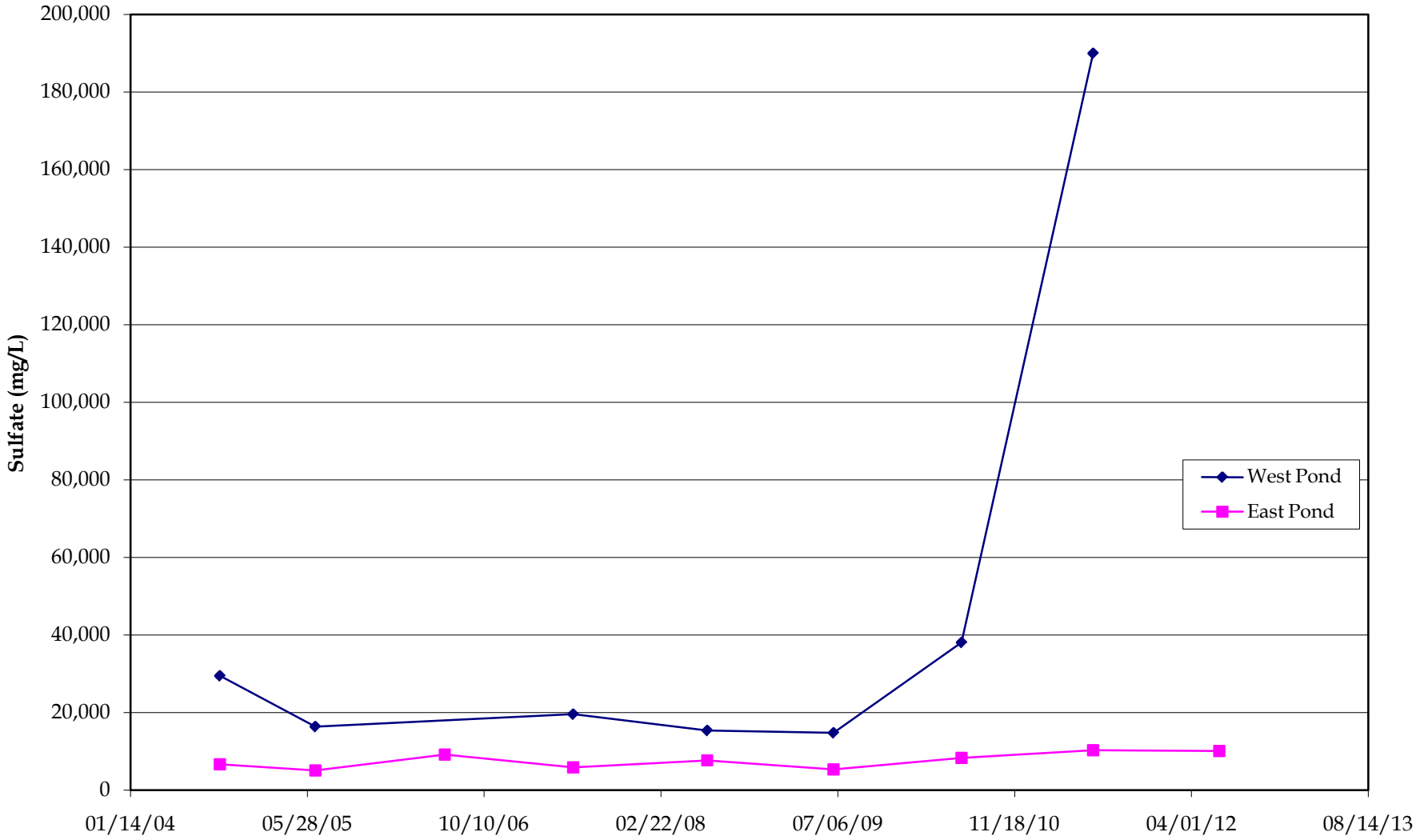
ConocoPhillips Company
Wingate Fractionating Plant

Sulfate (mg/L) vs Time in Wingate Monitor Wells



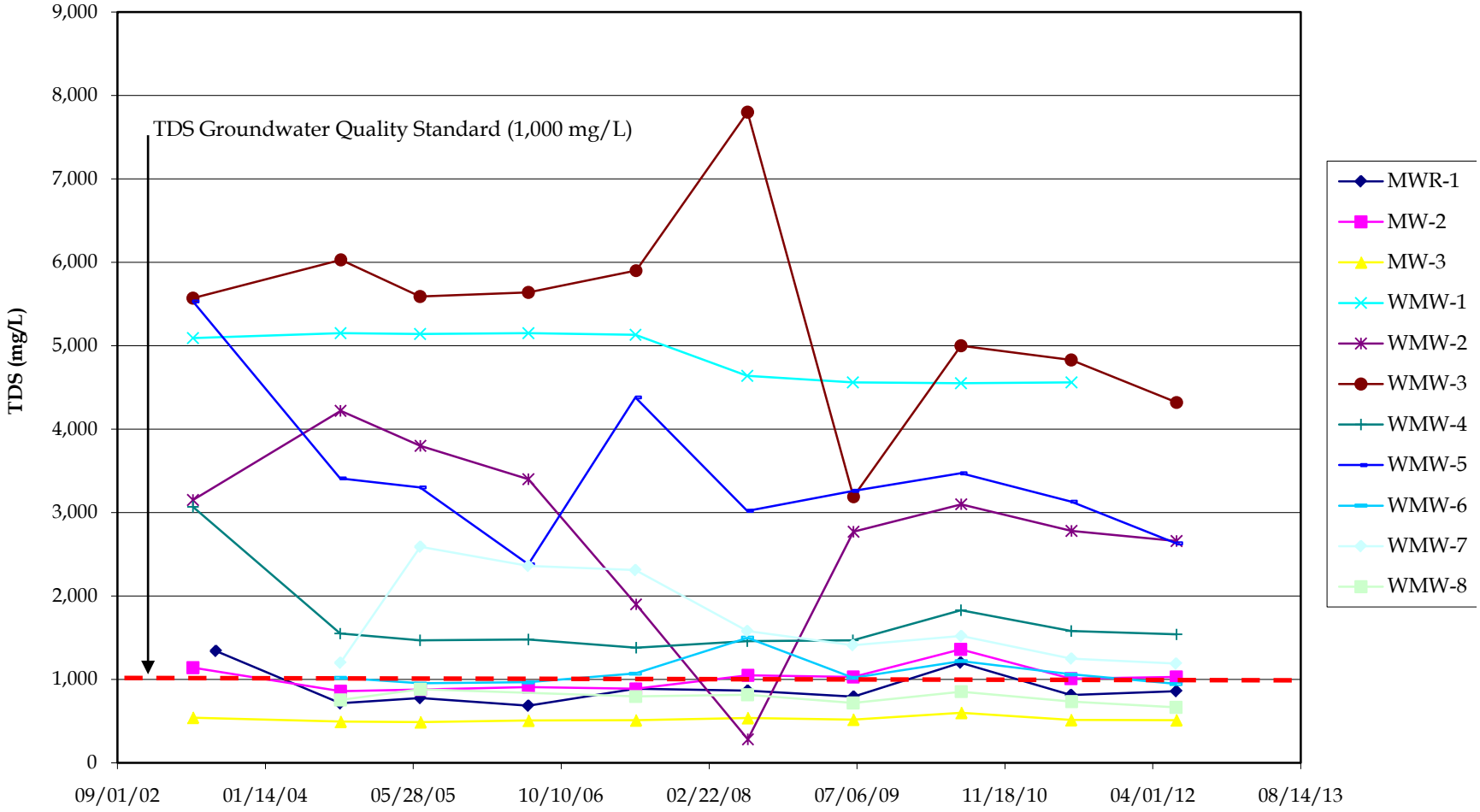
ConocoPhillips Company
Wingate Fractionating Plant

Sulfate vs. Time in Wingate Evaporation Ponds



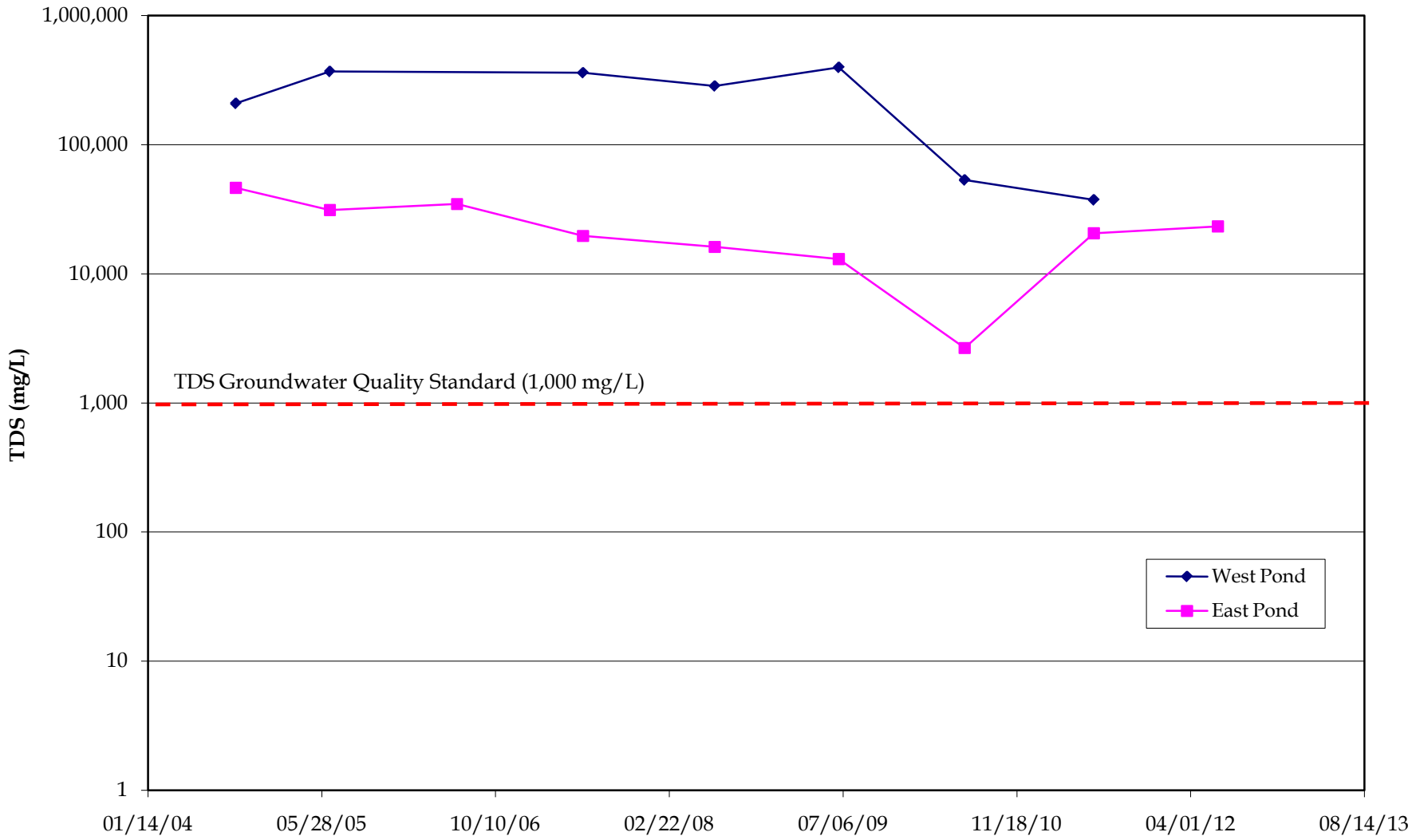
ConocoPhillips Company
Wingate Fractionating Plant

Total Dissolved Solids vs. Time in Wingate Monitor Wells



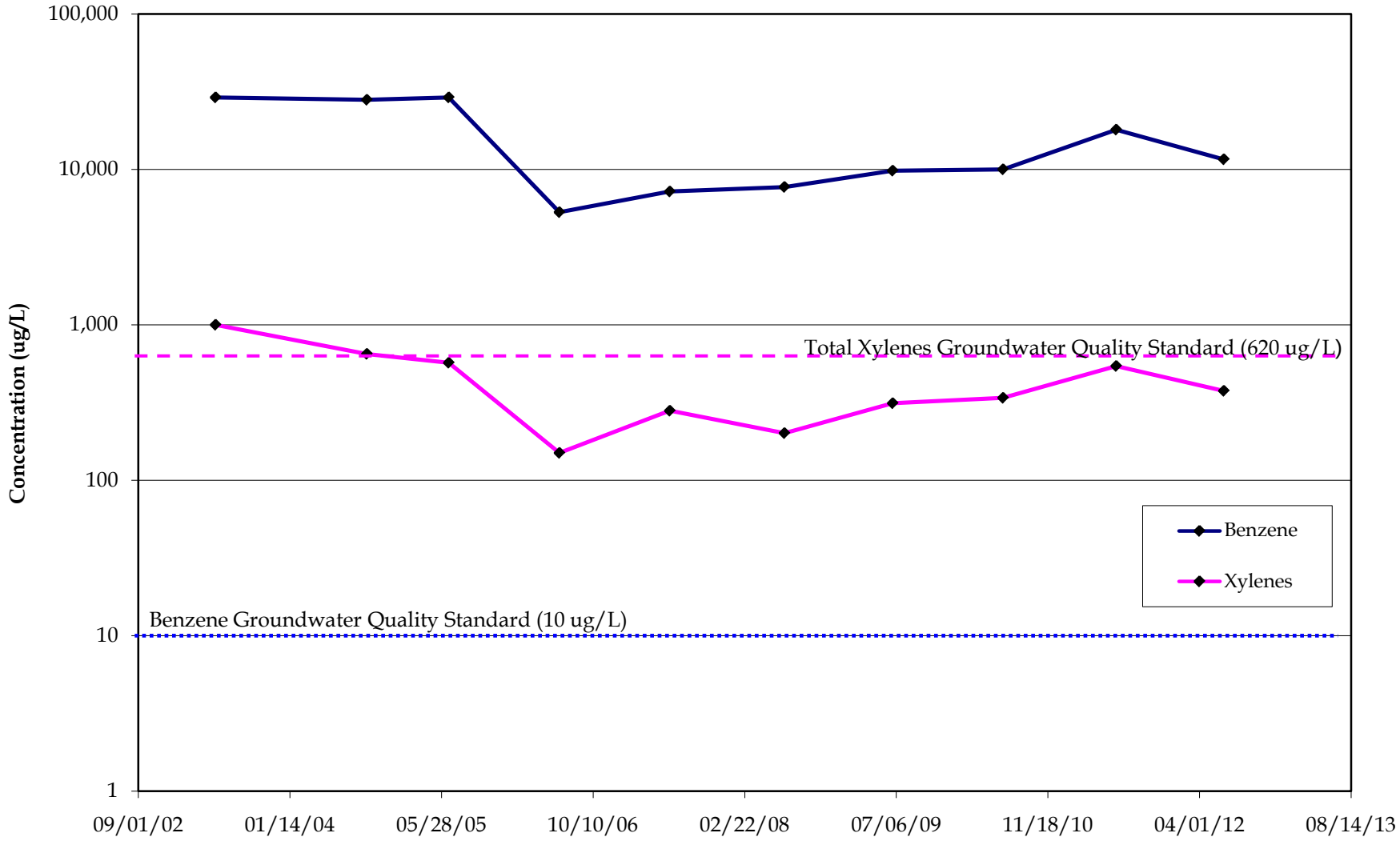
ConocoPhillips Company
Wingate Fractionating Plant

Total Dissolved Solids vs. Time in Wingate Evaporation Ponds



ConocoPhillips Company
Wingate Fractionating Plant

Benzene and Total Xylenes vs. Time in WMW-2



APPENDIX C

GROUNDWATER SAMPLING FIELD FORMS

WELL SAMPLING FIELD INFORMATION FORM

TE/PROJECT NAME: Wingate Ponds JOB# MW-2 075167

SAMPLE ID: GW-Blank-061912-CM-MW-2 WELL# ~~075000~~ ~~075176~~

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6.19.12	6.19.12	1015	27.57	60

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	A	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	A	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	B	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	B	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	E	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER	3.92	(feet)	WELL ELEVATION	6585.91	(feet)
WELL DEPTH	96.34	(feet)	GROUNDWATER ELEVATION	6581.99	(feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
13.15 (°C)	7.106 (std)	1,106 (g/L)	1202 (µS/cm)	-183.6 (mV)	40 (gal)
13.16 (°C)	7.109 (std)	1,009 (g/L)	1201 (µS/cm)	-190.6 (mV)	50 (gal)
13.16 (°C)	7.72 (std)	1,011 (g/L)	1203 (µS/cm)	-196.6 (mV)	560 (gal)
13.18 (°C)	7.72 (std)	1,110 (g/L)	1202 (µS/cm)	-200.2 (mV)	60 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: Clear (No silt) ODOR: blb COLOR: green SHEEN Y/N No

WEATHER CONDITIONS: TEMPERATURE 80 WINDY Y/N No PRECIPITATION Y/N (IF Y TYPE) No

SPECIFIC COMMENTS:

42.92 x ~~.65~~ .65 = 27.5 7x3 = 42.71

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6.19.12 (Cassie Brown) (Cassie Brown)

DATE PRINT SIGNATURE

bucket count

HH HH IIII

O

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Wingate Pond Sampling JOB# 015167

SAMPLE ID: GW015167.060412.CM.MW-3 WELL# MW-3

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6.19.12	6.19.12	1340	27.28	67

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	A	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	A	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	B	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	B	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	E	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER 4.61 (feet) WELL ELEVATION 6590.08 (feet)

WELL DEPTH 46.50 (feet) GROUNDWATER ELEVATION 6585.47 (feet)

	TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME	DO%
1320	12.68 (°C)	7.03 (std)	.506 (g/L)	595 (µS/cm)	-43.9 (mV)	50 (gal)	11.1
1333	12.70 (°C)	7.09 (std)	.507 (g/L)	597 (µS/cm)	-46.6 (mV)	54 (gal)	13.5
1336	12.72 (°C)	7.20 (std)	.509 (g/L)	599 (µS/cm)	-51.7 (mV)	58 (gal)	12.6
1339	12.75 (°C)	7.14 (std)	.509 (g/L)	601 (µS/cm)	-52.5 (mV)	62 (gal)	12.2
1341	12.75 (°C)	7.12 (std)	.512 (g/L)	603 (µS/cm)	-53.9 (mV)	64 (gal)	11.9

FIELD COMMENTS

SAMPLE APPEARANCE: clear ODOR: none COLOR: clear SHEEN Y/N

WEATHER CONDITIONS: TEMPERATURE 90 WINDY Y/N Y PRECIPITATION Y/N (IF Y TYPE) N

SPECIFIC COMMENTS:

4.89 in. 65 = 27.28 = 81.68

redish orange for first well volume & then clear after

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6/19/12 Christine Mathews SIGNATURE

DATE PRINT

IIII

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Wingate Ponds JOB# 075767

SAMPLE ID: GW-075767-061912-CM-MWR-1 WELL# MWR-1

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6.19.12	6.19.12	1135	5.69	17.5

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	A	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
		B - PERISTALTIC PUMP	E - PURGE PUMP	H - WATERRA®	
SAMPLING DEVICE	A	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	B	A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
		B - STAINLESS STEEL	E - POLYETHYLENE		
SAMPLING MATERIAL	B	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	E	A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
		B - TYGON	E - POLYETHYLENE		
SAMPLING TUBING	E	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER 5.84 (feet) WELL ELEVATION 6585.13 (feet)

WELL DEPTH 41.45 (feet) GROUNDWATER ELEVATION 6579.29 (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
14.22 (°C)	7.98 (std)	0.718 (g/L)	1110 (µS/cm)	-78.1 (mV)	14 (gal)
14.31 (°C)	7.92 (std)	0.851 (g/L)	1092 (µS/cm)	-176.9 (mV)	15.5 (gal)
14.20 (°C)	7.78 (std)	0.848 (g/L)	1043 (µS/cm)	-178.9 (mV)	17.0 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: Silty/muddy ODOR: b/o COLOR: brown SHEEN Y/N N/S

WEATHER CONDITIONS: TEMPERATURE 90 WINDY Y/N N PRECIPITATION Y/N (IF Y TYPE) N

SPECIFIC COMMENTS:

35.61 x .16 = 5.69 x 3 = 17.09

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6.19.12 (DATE) Chase Brown (PRINT) Chase Brown (SIGNATURE)

1 1 1

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Wingate JOB# 075006

SAMPLE ID: GW-075006-062012-CM-WMW-2 WELL# WMW-2

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6.20.12	6.20.12	1240	2.38	7.25

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE) Disposable Bailer

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	.45 micron for metals only

FIELD MEASUREMENTS

DEPTH TO WATER 5.18 (feet) WELL ELEVATION 6594.88 (feet)

WELL DEPTH 20.07 (feet) GROUNDWATER ELEVATION 6589.70 (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
12.22 (°C)	7.92 (std)	3.148 (g/L)	3662 (µS/cm)	-69.1 (mV)	6.0 (gal)
12.17 (°C)	8.08 (std)	2.965 (g/L)	3440 (µS/cm)	-74.0 (mV)	6.5 (gal)
12.34 (°C)	8.18 (std)	2.872 (g/L)	3364 (µS/cm)	-75.9 (mV)	7.0 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: Cloudy, black particulates ODOR: hydrocarbon COLOR: light gray SHEEN Y/N

WEATHER CONDITIONS: TEMPERATURE: 95° WINDY Y/N PRECIPITATION Y/N (IF Y TYPE)

SPECIFIC COMMENTS:

1 well volume = 2.38

X 3 = 7.15

Duplicate collected @ 1230

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6/20/12 DATE Christine Mathews PRINT SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Wingate JOB#

SAMPLE ID: GW-075006-062012-cm-wmw-3 WELL# WMW-3

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6.20.12	6.20.12	0840	2.23	6.75

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE) Disposable bailer SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	.45 for metals only

FIELD MEASUREMENTS

DEPTH TO WATER 6.25 (feet) WELL ELEVATION 6594.92 (feet)

WELL DEPTH 20.20 (feet) GROUNDWATER ELEVATION 6588.67 (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
11.63 (°C)	7.45 (std)	4.578 (g/L)	5178 (µS/cm)	119.5 (mV)	5.5 (gal)
11.57 (°C)	7.31 (std)	4.499 (g/L)	5146 (µS/cm)	118.2 (mV)	6.0 (gal)
11.61 (°C)	7.36 (std)	4.440 (g/L)	5089 (µS/cm)	113.1 (mV)	6.5 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: red-brown silty ODOR: none COLOR: red brown SHEEN Y/N (N)

WEATHER CONDITIONS: TEMPERATURE 80° WINDY Y/N (N) PRECIPITATION Y/N (N) (IF Y TYPE)

SPECIFIC COMMENTS:

1 well volume = 2.23

X3 = 6.696

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6/20/12 DATE Christine Mathews PRINT Christine Mathews SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

TE/PROJECT NAME: Wingate JOB# 075006

SAMPLE ID: GW-075006-062012-CM-WMW-4 WELL# WMW-4

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6.20.12	6.20.12	1150	2.27	7.0

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE) Disposable bailer

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	.45 micron for metals only

FIELD MEASUREMENTS

DEPTH TO WATER 7.00 (feet) WELL ELEVATION 6595.49 (feet)

WELL DEPTH 21.18 (feet) GROUNDWATER ELEVATION 6588.49 (feet)

~~TEMPERATURE~~ Volume Temp	pH	TDS	CONDUCTIVITY	ORP	~~VOLUME~~
5.75 (°C)	7.25 (std)	1.585 (g/L)	1906 (µS/cm)	-99.9 (mV)	13.56 (gal)
6.25 (°C)	7.22 (std)	1.586 (g/L)	1902 (µS/cm)	-98.6 (mV)	13.47 (gal)
6.75 (°C)	7.23 (std)	1.586 (g/L)	1901 (µS/cm)	-101.6 (mV)	13.43 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: clear ODOR: none COLOR: clear SHEEN Y/N N

WEATHER CONDITIONS: TEMPERATURE 90° WINDY Y/(N) N PRECIPITATION Y/N (IF Y TYPE) N

SPECIFIC COMMENTS:

1 well volume = 2.268

x 3 = 6.804

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6/20/12 DATE Christine Mathews PRINT SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Wingate JOB# 075006

SAMPLE ID: GW-075006-062012-CM-WMW5 WELL# WMW-5

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6.20.12	6.20.12	1100	9.54	29 gal

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	A	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
		B - PERISTALTIC PUMP	E - PURGE PUMP	H - WATERRA®	
SAMPLING DEVICE	A	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	B	A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
		B - STAINLESS STEEL	E - POLYETHYLENE		
SAMPLING MATERIAL	B	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	E	A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
		B - TYGON	E - POLYETHYLENE		
SAMPLING TUBING	E	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	.45micron for metals only

FIELD MEASUREMENTS

DEPTH TO WATER	5.54	(feet)	WELL ELEVATION	6597.11	(feet)
WELL DEPTH	20.21	(feet)	GROUNDWATER ELEVATION	6591.57	(feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
14.41 (°C)	7.01 (std)	2.449 (g/L)	3006 (µS/cm)	22.4 (mV)	22 (gal)
14.28 (°C)	7.01 (std)	2.501 (g/L)	5057 (µS/cm)	25.1 (mV)	24 (gal)
14.22 (°C)	7.04 (std)	2.437 (g/L)	2917 (µS/cm)	29.6 (mV)	26 (gal)
15.62 (°C)	7.2 (std)	2.416 (g/L)	3043 (µS/cm)	33.6 (mV)	28 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: clear ODOR: none COLOR: clear SHEEN Y/N N

WEATHER CONDITIONS: TEMPERATURE 90° WINDY Y/N N PRECIPITATION Y/N (IF Y TYPE) N

SPECIFIC COMMENTS:

1 well volume = 9.54

X 3 = 28.61

Start time @ 1000

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6/20/12 DATE | Christine Mathews PRINT | Christine Mathews SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

TE/PROJECT NAME: Wingate JOB# 075006

SAMPLE ID: GW-075006-061812-CM-WMW-6 WELL# WMW-6

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6-18-12	6-18-12	1435	4.37	14.5

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	A	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	A	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	B	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	B	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	E	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	.45 Micron for metals only.

FIELD MEASUREMENTS

DEPTH TO WATER	9.60 (feet)		WELL ELEVATION	6603.86 (feet)	
WELL DEPTH	36.89 (feet)		GROUNDWATER ELEVATION	6594.26 (feet)	

	TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME	DO
1424	14.04 (°C)	7.34 (std)	0.944 (g/L)	1150 (µS/cm)	28.5 (mV)	11.5 (gal)	13%
1428	14.34 (°C)	7.45 (std)	0.951 (g/L)	1164 (µS/cm)	24.8 (mV)	12.5 (gal)	21%
1431	14.05 (°C)	7.45 (std)	0.959 (g/L)	1165 (µS/cm)	26.7 (mV)	13.5 (gal)	21%
	(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)	
	(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)	

FIELD COMMENTS

SAMPLE APPEARANCE: clear ODOR: none COLOR: clear SHEEN Y/N

WEATHER CONDITIONS: TEMPERATURE 90° WINDY Y/N 10-15mph PRECIPITATION Y/N (IF Y TYPE)

SPECIFIC COMMENTS:

27.29 x .65 e16 = 4.37

x 3 = ~~13.10~~ 13.10

Start @ 1345

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6/18/12 DATE Christine Mathews PRINT Christine Mathews SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Wingate JOB# 075006

SAMPLE ID: GW-075006-061812-CM-UMW-7 WELL# UMW-7

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6-18-12	6-18-12	1255	20.48	56

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	A	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
		B - PERISTALTIC PUMP	E - PURGE PUMP	H - WATERRA®	
SAMPLING DEVICE	A	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	B	A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
		B - STAINLESS STEEL	E - POLYETHYLENE		
SAMPLING MATERIAL	B	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	E	A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
		B - TYGON	E - POLYETHYLENE		
SAMPLING TUBING	E	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	.45 micron for metals only

FIELD MEASUREMENTS

DEPTH TO WATER: 7.91 (feet) WELL ELEVATION: 6594.70 (feet)

WELL DEPTH: 39.41 (feet) GROUNDWATER ELEVATION: 6586.79 (feet)

	TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME	
1242	14.01 (°C)	7.37 (std)	1.250 (g/L)	1519 (µS/cm)	14.5 (mV)	42 (gal)	10
1246	14.00 (°C)	7.38 (std)	1.216 (g/L)	1477 (µS/cm)	12.4 (mV)	46 (gal)	12%
1250	14.01 (°C)	7.32 (std)	1.196 (g/L)	1454 (µS/cm)	13.8 (mV)	50 (gal)	17.5
1254	13.98 (°C)	7.34 (std)	1.184 (g/L)	1438 (µS/cm)	10.2 (mV)	54 (gal)	15.1
	(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)	

FIELD COMMENTS

SAMPLE APPEARANCE: clear ODOR: none COLOR: clear SHEEN Y/N (N)

WEATHER CONDITIONS: TEMPERATURE 89° WIND Y/N (Y) 10 mph PRECIPITATION Y/N (IF Y TYPE) (N)

SPECIFIC COMMENTS:

31.5 X .65 = 20.48

X 3 = 61.43

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

DATE 6/18/12 PRINT Christine Mathews SIGNATURE Christine Mathews

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WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Wingate JOB# 075006

SAMPLE ID: GW-075006-06182-CM-WMW-8 WELL# WMW-8

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
6-18-12	6-18-12	1120	20.93	55

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED Y (N) (CIRCLE ONE)

PURGING DEVICE	A	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	A	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	B E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	B E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	E	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	.45 micron for metals only

FIELD MEASUREMENTS

DEPTH TO WATER 60.80 (feet) WELL ELEVATION 6594.05 (feet)

WELL DEPTH 39.00 (feet) GROUNDWATER ELEVATION 6587.25 (feet)

	TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME	
1058	12.99 (°C)	7.28 (std)	.697 (g/L)	826 (µS/cm)	44.0 (mV)	35 (gal)	DO%
1103	13.03 (°C)	7.28 (std)	.696 (g/L)	826 (µS/cm)	33.9 (mV)	39 (gal)	
1108	13.02 (°C)	7.29 (std)	.694 (g/L)	824 (µS/cm)	24.2 (mV)	43 (gal)	
1113	13.04 (°C)	7.32 (std)	.695 (g/L)	825 (µS/cm)	12.7 (mV)	47 (gal)	15%
1117	13.06 (°C)	7.31 (std)	.693 (g/L)	823 (µS/cm)	4.7 (mV)	51 (gal)	4.5
1120	13.07	7.32	.695	825	0.4	55	4.4

FIELD COMMENTS

SAMPLE APPEARANCE: Clear ODOR: None COLOR: Clear SHEEN Y/(N)

WEATHER CONDITIONS: TEMPERATURE 85° WIND (Y)N 10mpH PRECIPITATION Y (N) (IF Y TYPE)

SPECIFIC COMMENTS:

1 well volume = 20.93

x3 = 62.79

Start time for purge = 1005

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

6/18/12 Christine Mathews SIGNATURE

DATE PRINT

WELL SAMPLING FIELD INFORMATION FORM

TE/PROJECT NAME: Wingate Pond Sampling JOB# 075107

SAMPLE ID: MW-075107-061912-CM-E.Pond WELL# East Pond

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
—	6.19.12	1200	—	—

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	F	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
		B - PERISTALTIC PUMP	E - PURGE PUMP	H - WATERRA®	
SAMPLING DEVICE	F	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL		A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
		B - STAINLESS STEEL	E - POLYETHYLENE		
SAMPLING MATERIAL		C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING		A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
		B - TYGON	E - POLYETHYLENE		
SAMPLING TUBING		C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER — (feet) WELL ELEVATION — (feet)

WELL DEPTH — (feet) GROUNDWATER ELEVATION — (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: clear/red bugs ODOR: bio COLOR: clear/green SHEEN Y/N N

WEATHER CONDITIONS: TEMPERATURE 90 WINDY Y/N Y PRECIPITATION Y/N (IF Y TYPE) N

SPECIFIC COMMENTS:

Pond water is green in appearance at surface, clear in bottles. Green algae/beamed growing in pond. Small red crustacean like bugs present.

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

DATE	PRINT	SIGNATURE
6.19.12	Cassie Braun	Cassie Braun

VOC and Coliform duplicates collected at 1205

APPENDIX D

LABORATORY ANALYTICAL REPORTS

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

July 16, 2012

Cassie Brown
COP Conestoga-Rovers & Associa

,

RE: Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Dear Cassie Brown:
Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

07/16/12 Revised report to reflect correct sample ID names per client request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Alice Flanagan

alice.flanagan@pacelabs.com
Project Manager

Enclosures

cc: Kelly Blanchard, COP Conestoga-Rovers & Associa
Angela Bown, COP Conestoga-Rovers & Associa
Christine Matthews, CRA

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
A2LA Certification #: 2456.01
Arkansas Certification #: 05-008-0
Illinois Certification #: 001191
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-08-TX
Utah Certification #: 9135995665

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60123648001	**GW-075167-061912-CM-MW-2**	Water	06/19/12 10:15	06/20/12 08:30
60123648002	**GW-075167-061912-CM-MWR-1**	Water	06/19/12 11:35	06/20/12 08:30
60123648003	**GW-075167-061912-CM-MW-3**	Water	06/19/12 13:40	06/20/12 08:30
60123648004	**SW-075167-061912-CM-E.POND**	Water	06/19/12 12:00	06/20/12 08:30
60123648005	**SW-075167-061912-CM-DUP**	Water	06/19/12 12:05	06/20/12 08:30
60123648006	**TB-075167-061912-CM-TB-1**	Water	06/19/12 13:50	06/20/12 08:30

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(913)599-5665

SAMPLE ANALYTE COUNT

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60123648001	**GW-075167-061912-CM-MW-2**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RJS	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2540C	DJR	1	PASI-K
		SM 5210B	NDL	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
		EPA 410.4	KLB	1	PASI-K
60123648002	**GW-075167-061912-CM-MWR-1**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RJS	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2540C	DJR	1	PASI-K
		SM 5210B	NDL	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
		EPA 410.4	KLB	1	PASI-K
60123648003	**GW-075167-061912-CM-MW-3**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RJS	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2540C	DJR	1	PASI-K
		SM 5210B	NDL	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
		EPA 410.4	KLB	1	PASI-K
60123648004	**SW-075167-061912-CM-E.POND**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RJS	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K

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SAMPLE ANALYTE COUNT

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2540C	DJR	1	PASI-K
		SM 5210B	NDL	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
		EPA 410.4	KLB	1	PASI-K
60123648005	**SW-075167-061912-CM-DUP**	EPA 5030B/8260	JDM	70	PASI-K
60123648006	**TB-075167-061912-CM-TB-1**	EPA 5030B/8260	JDM	70	PASI-K

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PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 6010**
Description: 6010 MET ICP, Dissolved
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 6020**
Description: 6020 MET ICPMS
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
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PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 7470**
Description: 7470 Mercury, Dissolved
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
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PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 8270**
Description: 8270 MSSV Semivolatile Organic
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 5030B/8260**
Description: 8260 MSV
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
6 samples were analyzed for EPA 5030B/8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/46674

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
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PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **SM 2540C**
Description: 2540C Total Dissolved Solids
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for SM 2540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
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(913)599-5665

PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **SM 5210B**
Description: 5210B BOD, 5 day
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for SM 5210B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with SM 5210B with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
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(913)599-5665

PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 9040**
Description: 9040 pH
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 9040. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H6: Analysis initiated outside of the 15 minute EPA recommended holding time.
- GW-075167-061912-CM-MW-2 (Lab ID: 60123648001)
- GW-075167-061912-CM-MW-3 (Lab ID: 60123648003)
- GW-075167-061912-CM-MWR-1 (Lab ID: 60123648002)
- SW-075167-061912-CM-E.POND (Lab ID: 60123648004)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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(913)599-5665

PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 300.0**
Description: 300.0 IC Anions 28 Days
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
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(913)599-5665

PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 unpres
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 353.2. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

PROJECT NARRATIVE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Method: **EPA 410.4**
Description: 410.4 COD
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 410.4. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/20690

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 60123728001,60123848001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1021362)
  - Chemical Oxygen Demand

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-2 **Lab ID: 60123648001** Collected: 06/19/12 10:15 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:19	7440-38-2	
Barium, Dissolved	**241**	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:19	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:19	7440-43-9	
Calcium, Dissolved	**13800**	ug/L	100	1	06/22/12 15:55	06/25/12 13:19	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:19	7440-47-3	
Lead, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:19	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	06/22/12 15:55	06/25/12 13:19	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	06/22/12 15:55	06/25/12 13:19	7440-22-4	
Sodium, Dissolved	**401000**	ug/L	5000	10	06/22/12 15:55	06/25/12 16:56	7440-23-5	M6
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**18.0**	ug/L	2.5	5	06/26/12 12:20	07/06/12 12:29	7440-61-1	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/28/12 11:30	06/29/12 13:14	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	208-96-8	
Anthracene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	207-08-9	
Benzoic acid	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	85-68-7	
Carbazole	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	7005-72-3	
Chrysene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:10	91-94-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-2 **Lab ID: 60123648001** Collected: 06/19/12 10:15 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	117-84-0	
bis(2-Ethylhexyl)phthalate	**10.9**	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	206-44-0	
Fluorene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	193-39-5	
Isophorone	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10		
Naphthalene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	85-01-8	
Phenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	108-95-2	
Pyrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	129-00-0	
Pyridine	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	84	%	36-120	1	06/20/12 00:00	06/21/12 21:10	4165-60-0	
2-Fluorobiphenyl (S)	86	%	39-120	1	06/20/12 00:00	06/21/12 21:10	321-60-8	
Terphenyl-d14 (S)	89	%	30-120	1	06/20/12 00:00	06/21/12 21:10	1718-51-0	
Phenol-d6 (S)	30	%	10-120	1	06/20/12 00:00	06/21/12 21:10	13127-88-3	
2-Fluorophenol (S)	48	%	12-120	1	06/20/12 00:00	06/21/12 21:10	367-12-4	
2,4,6-Tribromophenol (S)	86	%	45-112	1	06/20/12 00:00	06/21/12 21:10	118-79-6	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-2 **Lab ID: 60123648001** Collected: 06/19/12 10:15 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 18:43	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 18:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 18:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 18:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 18:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 18:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/27/12 18:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 18:43	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 18:43	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 18:43	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 18:43	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 18:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 18:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 18:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 18:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 18:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 18:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 18:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 18:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 18:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 18:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 18:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 18:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 18:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 18:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 18:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 18:43	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 18:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 18:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 18:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 18:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 18:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 18:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 18:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 18:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 18:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 18:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 18:43	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 18:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 18:43	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 18:43	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 18:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 18:43	108-10-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-2 **Lab ID: 60123648001** Collected: 06/19/12 10:15 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 18:43	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 18:43	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 18:43	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 18:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 18:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 18:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 18:43	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 18:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 18:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 18:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 18:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 18:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 18:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 18:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 18:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 18:43	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 18:43	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	103	%	80-120	1		06/27/12 18:43	460-00-4	
Dibromofluoromethane (S)	98	%	80-120	1		06/27/12 18:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	80-120	1		06/27/12 18:43	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		06/27/12 18:43	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 18:43		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**1030**	mg/L	5.0	1		06/26/12 12:17		
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	ND	mg/L	2.0	1	06/21/12 10:08	06/26/12 09:51		
9040 pH	Analytical Method: EPA 9040							
pH	**7.9**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**72.9**	mg/L	10.0	10		06/26/12 16:14	16887-00-6	
Sulfate	**145**	mg/L	10.0	10		06/26/12 16:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/21/12 09:42		
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**13.0**	mg/L	10.0	1		06/28/12 08:57		

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MWR-1 **Lab ID: 60123648002** Collected: 06/19/12 11:35 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:29	7440-38-2	
Barium, Dissolved	**192**	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:29	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:29	7440-43-9	
Calcium, Dissolved	**7900**	ug/L	100	1	06/22/12 15:55	06/25/12 13:29	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:29	7440-47-3	
Lead, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:29	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	06/22/12 15:55	06/25/12 13:29	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	06/22/12 15:55	06/25/12 13:29	7440-22-4	
Sodium, Dissolved	**348000**	ug/L	5000	10	06/22/12 15:55	06/25/12 17:06	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**0.86**	ug/L	0.50	1	06/26/12 11:55	06/29/12 12:08	7440-61-1	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/28/12 11:30	06/29/12 13:21	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	208-96-8	
Anthracene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	207-08-9	
Benzoic acid	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	85-68-7	
Carbazole	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:30	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	7005-72-3	
Chrysene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	06/20/12 00:00	06/21/12 21:30	91-94-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MWR-1 **Lab ID: 60123648002** Collected: 06/19/12 11:35 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	206-44-0	
Fluorene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	193-39-5	
Isophorone	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30		
Naphthalene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	85-01-8	
Phenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	108-95-2	
Pyrene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	129-00-0	
Pyridine	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/20/12 00:00	06/21/12 21:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	06/20/12 00:00	06/21/12 21:30	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	86	%	36-120	1	06/20/12 00:00	06/21/12 21:30	4165-60-0	
2-Fluorobiphenyl (S)	86	%	39-120	1	06/20/12 00:00	06/21/12 21:30	321-60-8	
Terphenyl-d14 (S)	80	%	30-120	1	06/20/12 00:00	06/21/12 21:30	1718-51-0	
Phenol-d6 (S)	29	%	10-120	1	06/20/12 00:00	06/21/12 21:30	13127-88-3	
2-Fluorophenol (S)	46	%	12-120	1	06/20/12 00:00	06/21/12 21:30	367-12-4	
2,4,6-Tribromophenol (S)	90	%	45-112	1	06/20/12 00:00	06/21/12 21:30	118-79-6	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MWR-1 **Lab ID: 60123648002** Collected: 06/19/12 11:35 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 18:59	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 18:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 18:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 18:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 18:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 18:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/27/12 18:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 18:59	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 18:59	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 18:59	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 18:59	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 18:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 18:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 18:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 18:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 18:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 18:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 18:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 18:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 18:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 18:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 18:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 18:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 18:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 18:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 18:59	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 18:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 18:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 18:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 18:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 18:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 18:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 18:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 18:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 18:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 18:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 18:59	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 18:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 18:59	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 18:59	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 18:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 18:59	108-10-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MWR-1 **Lab ID: 60123648002** Collected: 06/19/12 11:35 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 18:59	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 18:59	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 18:59	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 18:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 18:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 18:59	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 18:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 18:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 18:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 18:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 18:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 18:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 18:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 18:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 18:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 18:59	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 18:59	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	103	%	80-120	1		06/27/12 18:59	460-00-4	
Dibromofluoromethane (S)	98	%	80-120	1		06/27/12 18:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	80-120	1		06/27/12 18:59	17060-07-0	
Toluene-d8 (S)	96	%	80-120	1		06/27/12 18:59	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 18:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**858**	mg/L	5.0	1		06/26/12 12:17		
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	ND	mg/L	2.0	1	06/21/12 10:41	06/26/12 10:16		
9040 pH	Analytical Method: EPA 9040							
pH	**8.1**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**35.5**	mg/L	10.0	10		06/26/12 16:32	16887-00-6	
Sulfate	**52.7**	mg/L	10.0	10		06/26/12 16:32	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/21/12 09:50		
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**12.8**	mg/L	10.0	1		06/28/12 08:57		

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-3 **Lab ID: 60123648003** Collected: 06/19/12 13:40 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:40	7440-38-2	
Barium, Dissolved	**140**	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:40	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:40	7440-43-9	
Calcium, Dissolved	**25200**	ug/L	100	1	06/22/12 15:55	06/25/12 13:40	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:40	7440-47-3	
Lead, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:40	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	06/22/12 15:55	06/25/12 13:40	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	06/22/12 15:55	06/25/12 13:40	7440-22-4	
Sodium, Dissolved	**167000**	ug/L	5000	10	06/22/12 15:55	06/25/12 17:10	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**0.90**	ug/L	0.50	1	06/26/12 11:55	06/29/12 04:12	7440-61-1	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/28/12 11:30	06/29/12 13:23	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	83-32-9	
Acenaphthylene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	208-96-8	
Anthracene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	207-08-9	
Benzoic acid	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	65-85-0	
Benzyl alcohol	ND	ug/L	21.7	1	06/20/12 00:00	06/21/12 21:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	85-68-7	
Carbazole	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	21.7	1	06/20/12 00:00	06/21/12 21:51	59-50-7	
4-Chloroaniline	ND	ug/L	21.7	1	06/20/12 00:00	06/21/12 21:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	91-58-7	
2-Chlorophenol	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	7005-72-3	
Chrysene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	53-70-3	
Dibenzofuran	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	21.7	1	06/20/12 00:00	06/21/12 21:51	91-94-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-3 **Lab ID: 60123648003** Collected: 06/19/12 13:40 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	120-83-2	
Diethylphthalate	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	105-67-9	
Dimethylphthalate	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	117-81-7	
Fluoranthene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	206-44-0	
Fluorene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	87-68-3	
Hexachlorobenzene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	77-47-4	
Hexachloroethane	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	193-39-5	
Isophorone	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51		
Naphthalene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	91-20-3	
2-Nitroaniline	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	88-74-4	
3-Nitroaniline	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	99-09-2	
4-Nitroaniline	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	100-01-6	
Nitrobenzene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	98-95-3	
2-Nitrophenol	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	88-75-5	
4-Nitrophenol	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	86-30-6	
Pentachlorophenol	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	87-86-5	
Phenanthrene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	85-01-8	
Phenol	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	108-95-2	
Pyrene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	129-00-0	
Pyridine	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	54.3	1	06/20/12 00:00	06/21/12 21:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.9	1	06/20/12 00:00	06/21/12 21:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	85	%	36-120	1	06/20/12 00:00	06/21/12 21:51	4165-60-0	
2-Fluorobiphenyl (S)	84	%	39-120	1	06/20/12 00:00	06/21/12 21:51	321-60-8	
Terphenyl-d14 (S)	86	%	30-120	1	06/20/12 00:00	06/21/12 21:51	1718-51-0	
Phenol-d6 (S)	29	%	10-120	1	06/20/12 00:00	06/21/12 21:51	13127-88-3	
2-Fluorophenol (S)	46	%	12-120	1	06/20/12 00:00	06/21/12 21:51	367-12-4	
2,4,6-Tribromophenol (S)	85	%	45-112	1	06/20/12 00:00	06/21/12 21:51	118-79-6	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-3 **Lab ID: 60123648003** Collected: 06/19/12 13:40 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 19:14	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 19:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 19:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 19:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 19:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 19:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/27/12 19:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 19:14	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:14	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:14	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:14	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 19:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 19:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 19:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 19:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 19:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 19:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 19:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 19:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 19:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 19:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 19:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 19:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 19:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 19:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 19:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 19:14	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 19:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 19:14	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 19:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 19:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 19:14	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 19:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 19:14	108-10-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: GW-075167-061912-CM-MW-3 **Lab ID: 60123648003** Collected: 06/19/12 13:40 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 19:14	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 19:14	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 19:14	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 19:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 19:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 19:14	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 19:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 19:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 19:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 19:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 19:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 19:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 19:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 19:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 19:14	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 19:14	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		06/27/12 19:14	460-00-4	
Dibromofluoromethane (S)	99	%	80-120	1		06/27/12 19:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	80-120	1		06/27/12 19:14	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		06/27/12 19:14	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 19:14		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**512**	mg/L	5.0	1		06/26/12 12:17		
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	ND	mg/L	2.0	1	06/21/12 10:55	06/26/12 10:32		
9040 pH	Analytical Method: EPA 9040							
pH	**7.7**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**22.4**	mg/L	2.0	2		06/28/12 06:30	16887-00-6	
Sulfate	**18.8**	mg/L	2.0	2		06/28/12 06:30	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/21/12 09:53		
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	ND	mg/L	10.0	1		06/28/12 08:59		

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: SW-075167-061912-CM-E.POND **Lab ID: 60123648004** Collected: 06/19/12 12:00 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:44	7440-38-2	
Barium, Dissolved	**48.8**	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:44	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:44	7440-43-9	
Calcium, Dissolved	**997000**	ug/L	2000	20	06/22/12 15:55	06/25/12 17:13	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:44	7440-47-3	
Lead, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:44	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	06/22/12 15:55	06/25/12 13:44	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	06/22/12 15:55	06/25/12 13:44	7440-22-4	
Sodium, Dissolved	**4670000**	ug/L	10000	20	06/22/12 15:55	06/25/12 17:13	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**12.1**	ug/L	0.50	1	06/26/12 11:55	06/29/12 03:53	7440-61-1	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/28/12 11:30	06/29/12 13:26	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	83-32-9	
Acenaphthylene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	208-96-8	
Anthracene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	207-08-9	
Benzoic acid	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	65-85-0	
Benzyl alcohol	ND	ug/L	23.3	1	06/20/12 00:00	06/21/12 22:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	85-68-7	
Carbazole	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	23.3	1	06/20/12 00:00	06/21/12 22:12	59-50-7	
4-Chloroaniline	ND	ug/L	23.3	1	06/20/12 00:00	06/21/12 22:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	39638-32-9	
2-Chloronaphthalene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	91-58-7	
2-Chlorophenol	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	7005-72-3	
Chrysene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	53-70-3	
Dibenzofuran	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	23.3	1	06/20/12 00:00	06/21/12 22:12	91-94-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: SW-075167-061912-CM-E.POND **Lab ID: 60123648004** Collected: 06/19/12 12:00 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	120-83-2	
Diethylphthalate	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	105-67-9	
Dimethylphthalate	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	534-52-1	
2,4-Dinitrophenol	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	117-81-7	
Fluoranthene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	206-44-0	
Fluorene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	87-68-3	
Hexachlorobenzene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	77-47-4	
Hexachloroethane	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	193-39-5	
Isophorone	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12		
Naphthalene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	91-20-3	
2-Nitroaniline	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	88-74-4	
3-Nitroaniline	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	99-09-2	
4-Nitroaniline	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	100-01-6	
Nitrobenzene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	98-95-3	
2-Nitrophenol	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	88-75-5	
4-Nitrophenol	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	86-30-6	
Pentachlorophenol	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	87-86-5	
Phenanthrene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	85-01-8	
Phenol	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	108-95-2	
Pyrene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	129-00-0	
Pyridine	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	58.1	1	06/20/12 00:00	06/21/12 22:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	11.6	1	06/20/12 00:00	06/21/12 22:12	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	65	%	36-120	1	06/20/12 00:00	06/21/12 22:12	4165-60-0	
2-Fluorobiphenyl (S)	65	%	39-120	1	06/20/12 00:00	06/21/12 22:12	321-60-8	
Terphenyl-d14 (S)	64	%	30-120	1	06/20/12 00:00	06/21/12 22:12	1718-51-0	
Phenol-d6 (S)	27	%	10-120	1	06/20/12 00:00	06/21/12 22:12	13127-88-3	
2-Fluorophenol (S)	39	%	12-120	1	06/20/12 00:00	06/21/12 22:12	367-12-4	
2,4,6-Tribromophenol (S)	72	%	45-112	1	06/20/12 00:00	06/21/12 22:12	118-79-6	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: SW-075167-061912-CM-E.POND **Lab ID: 60123648004** Collected: 06/19/12 12:00 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 19:30	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 19:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 19:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 19:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 19:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 19:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/27/12 19:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 19:30	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:30	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:30	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:30	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 19:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 19:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 19:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 19:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 19:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 19:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 19:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 19:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 19:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 19:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 19:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 19:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 19:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 19:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 19:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 19:30	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 19:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 19:30	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 19:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 19:30	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 19:30	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 19:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 19:30	108-10-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: SW-075167-061912-CM-E.POND **Lab ID: 60123648004** Collected: 06/19/12 12:00 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 19:30	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 19:30	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 19:30	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 19:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 19:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 19:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 19:30	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 19:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 19:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 19:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 19:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 19:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 19:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 19:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 19:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 19:30	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 19:30	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	108	%	80-120	1		06/27/12 19:30	460-00-4	
Dibromofluoromethane (S)	99	%	80-120	1		06/27/12 19:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	80-120	1		06/27/12 19:30	17060-07-0	
Toluene-d8 (S)	97	%	80-120	1		06/27/12 19:30	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 19:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**23300**	mg/L	5.0	1		06/26/12 12:18		
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**9.4**	mg/L	2.0	1	06/21/12 10:49	06/26/12 10:25		
9040 pH	Analytical Method: EPA 9040							
pH	**8.7**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**4540**	mg/L	1000	1000		06/28/12 06:45	16887-00-6	
Sulfate	**10100**	mg/L	1000	1000		06/28/12 06:45	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/21/12 09:52		
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**171**	mg/L	20.0	2		06/28/12 09:03		

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: SW-075167-061912-CM-DUP **Lab ID: 60123648005** Collected: 06/19/12 12:05 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 19:46	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 19:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 19:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 19:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 19:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 19:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/27/12 19:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 19:46	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:46	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:46	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 19:46	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 19:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 19:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 19:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 19:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 19:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 19:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 19:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 19:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 19:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 19:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 19:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 19:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 19:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 19:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 19:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 19:46	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 19:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 19:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 19:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 19:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 19:46	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 19:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 19:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 19:46	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 19:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 19:46	108-10-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: SW-075167-061912-CM-DUP **Lab ID: 60123648005** Collected: 06/19/12 12:05 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 19:46	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 19:46	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 19:46	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 19:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 19:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 19:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 19:46	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 19:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 19:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 19:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 19:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 19:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 19:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 19:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 19:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 19:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 19:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 19:46	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		06/27/12 19:46	460-00-4	
Dibromofluoromethane (S)	99	%	80-120	1		06/27/12 19:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	80-120	1		06/27/12 19:46	17060-07-0	
Toluene-d8 (S)	98	%	80-120	1		06/27/12 19:46	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 19:46		

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: TB-075167-061912-CM-TB-1 **Lab ID: 60123648006** Collected: 06/19/12 13:50 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 20:02	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 20:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 20:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 20:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 20:02	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 20:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/27/12 20:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 20:02	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 20:02	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 20:02	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 20:02	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 20:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 20:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 20:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 20:02	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 20:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 20:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 20:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 20:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 20:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 20:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 20:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 20:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 20:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 20:02	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 20:02	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 20:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 20:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 20:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 20:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 20:02	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 20:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 20:02	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 20:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 20:02	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 20:02	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 20:02	108-10-1	

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ANALYTICAL RESULTS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Sample: TB-075167-061912-CM-TB-1 **Lab ID: 60123648006** Collected: 06/19/12 13:50 Received: 06/20/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 20:02	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 20:02	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 20:02	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 20:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 20:02	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 20:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 20:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 20:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 20:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 20:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 20:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 20:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 20:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 20:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 20:02	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 20:02	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 20:02	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	103	%	80-120	1		06/27/12 20:02	460-00-4	
Dibromofluoromethane (S)	99	%	80-120	1		06/27/12 20:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	80-120	1		06/27/12 20:02	17060-07-0	
Toluene-d8 (S)	97	%	80-120	1		06/27/12 20:02	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 20:02		

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: ICPM/33153
QC Batch Method: EPA 6020
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Associated Lab Samples: 60123648001

METHOD BLANK: 1223999 Matrix: Water
Associated Lab Samples: 60123648001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Uranium-238	ug/L	ND	0.50	07/06/12 12:20	

LABORATORY CONTROL SAMPLE: 1224000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	80	75.6	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1224001 1224002

Parameter	Units	60123546003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Uranium-238	ug/L	10.9	80	80	86.4	88.7	94	97	75-125	3	20	

MATRIX SPIKE SAMPLE: 1224003

Parameter	Units	60123648001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	18.0	80	106	110	75-125	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: ICPM/33154 Analysis Method: EPA 6020
QC Batch Method: EPA 6020 Analysis Description: 6020 MET
Associated Lab Samples: 60123648002, 60123648003, 60123648004

METHOD BLANK: 1224004 Matrix: Water
Associated Lab Samples: 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Uranium-238	ug/L	ND	0.50	06/29/12 03:44	

LABORATORY CONTROL SAMPLE: 1224005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	80	73.7	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1224006 1224007

Parameter	Units	60123648003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Uranium-238	ug/L	0.90	80	80	73.4	73.9	91	91	75-125	.8	20	

MATRIX SPIKE SAMPLE: 1224008

Parameter	Units	10196284004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	1.4	80	76.3	94	75-125	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: MERP/6405 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1021295 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	06/29/12 13:43	

LABORATORY CONTROL SAMPLE: 1021296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.6	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1021297 1021298

Parameter	Units	60123648001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	5	5	3.8	4.0	76	80	75-125	5	20	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: MPRP/18469 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1018637 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	06/25/12 13:04	
Barium, Dissolved	ug/L	ND	10.0	06/25/12 13:04	
Cadmium, Dissolved	ug/L	ND	5.0	06/25/12 13:04	
Calcium, Dissolved	ug/L	ND	100	06/25/12 16:31	
Chromium, Dissolved	ug/L	ND	5.0	06/25/12 13:04	
Lead, Dissolved	ug/L	ND	5.0	06/25/12 13:04	
Selenium, Dissolved	ug/L	ND	15.0	06/25/12 13:04	
Silver, Dissolved	ug/L	ND	7.0	06/25/12 13:04	
Sodium, Dissolved	ug/L	ND	500	06/25/12 16:31	

LABORATORY CONTROL SAMPLE: 1018638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	989	99	80-120	
Barium, Dissolved	ug/L	1000	956	96	80-120	
Cadmium, Dissolved	ug/L	1000	1000	100	80-120	
Calcium, Dissolved	ug/L	10000	10000	100	80-120	
Chromium, Dissolved	ug/L	1000	1010	101	80-120	
Lead, Dissolved	ug/L	1000	1040	104	80-120	
Selenium, Dissolved	ug/L	1000	999	100	80-120	
Silver, Dissolved	ug/L	500	496	99	80-120	
Sodium, Dissolved	ug/L	10000	9880	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1018639 1018640

Parameter	Units	60123648001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	ND	1000	1000	1060	1060	106	106	75-125	0	20	
Barium, Dissolved	ug/L	241	1000	1000	1220	1210	98	97	75-125	1	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	1040	1030	104	103	75-125	0	20	
Calcium, Dissolved	ug/L	13800	10000	10000	23000	22900	92	92	75-125	0	20	
Chromium, Dissolved	ug/L	ND	1000	1000	1000	1010	100	101	75-125	0	20	
Lead, Dissolved	ug/L	ND	1000	1000	995	987	100	99	75-125	1	20	
Selenium, Dissolved	ug/L	ND	1000	1000	1050	1040	105	104	75-125	1	20	
Silver, Dissolved	ug/L	ND	500	500	525	522	105	104	75-125	1	20	
Sodium, Dissolved	ug/L	401000	10000	10000	408000	414000	73	131	75-125	1	20	M6

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: MSV/46674 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004, 60123648005, 60123648006

METHOD BLANK: 1020738 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004, 60123648005, 60123648006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/27/12 16:05	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/27/12 16:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/27/12 16:05	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/27/12 16:05	
1,1-Dichloroethane	ug/L	ND	1.0	06/27/12 16:05	
1,1-Dichloroethene	ug/L	ND	1.0	06/27/12 16:05	
1,1-Dichloropropene	ug/L	ND	1.0	06/27/12 16:05	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/27/12 16:05	
1,2,3-Trichloropropane	ug/L	ND	2.5	06/27/12 16:05	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/27/12 16:05	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/27/12 16:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	06/27/12 16:05	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/27/12 16:05	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/27/12 16:05	
1,2-Dichloroethane	ug/L	ND	1.0	06/27/12 16:05	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	06/27/12 16:05	
1,2-Dichloropropane	ug/L	ND	1.0	06/27/12 16:05	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/27/12 16:05	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/27/12 16:05	
1,3-Dichloropropane	ug/L	ND	1.0	06/27/12 16:05	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/27/12 16:05	
2,2-Dichloropropane	ug/L	ND	1.0	06/27/12 16:05	
2-Butanone (MEK)	ug/L	ND	10.0	06/27/12 16:05	
2-Chlorotoluene	ug/L	ND	1.0	06/27/12 16:05	
2-Hexanone	ug/L	ND	10.0	06/27/12 16:05	
4-Chlorotoluene	ug/L	ND	1.0	06/27/12 16:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/27/12 16:05	
Acetone	ug/L	ND	10.0	06/27/12 16:05	
Benzene	ug/L	ND	1.0	06/27/12 16:05	
Bromobenzene	ug/L	ND	1.0	06/27/12 16:05	
Bromochloromethane	ug/L	ND	1.0	06/27/12 16:05	
Bromodichloromethane	ug/L	ND	1.0	06/27/12 16:05	
Bromoform	ug/L	ND	1.0	06/27/12 16:05	
Bromomethane	ug/L	ND	5.0	06/27/12 16:05	
Carbon disulfide	ug/L	ND	5.0	06/27/12 16:05	
Carbon tetrachloride	ug/L	ND	1.0	06/27/12 16:05	
Chlorobenzene	ug/L	ND	1.0	06/27/12 16:05	
Chloroethane	ug/L	ND	1.0	06/27/12 16:05	
Chloroform	ug/L	ND	1.0	06/27/12 16:05	
Chloromethane	ug/L	ND	1.0	06/27/12 16:05	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/27/12 16:05	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/27/12 16:05	
Dibromochloromethane	ug/L	ND	1.0	06/27/12 16:05	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

METHOD BLANK: 1020738 Matrix: Water

Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004, 60123648005, 60123648006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/27/12 16:05	
Dichlorodifluoromethane	ug/L	ND	1.0	06/27/12 16:05	
Ethylbenzene	ug/L	ND	1.0	06/27/12 16:05	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/27/12 16:05	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/27/12 16:05	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/27/12 16:05	
Methylene chloride	ug/L	ND	1.0	06/27/12 16:05	
n-Butylbenzene	ug/L	ND	1.0	06/27/12 16:05	
n-Propylbenzene	ug/L	ND	1.0	06/27/12 16:05	
Naphthalene	ug/L	ND	10.0	06/27/12 16:05	
p-Isopropyltoluene	ug/L	ND	1.0	06/27/12 16:05	
sec-Butylbenzene	ug/L	ND	1.0	06/27/12 16:05	
Styrene	ug/L	ND	1.0	06/27/12 16:05	
tert-Butylbenzene	ug/L	ND	1.0	06/27/12 16:05	
Tetrachloroethene	ug/L	ND	1.0	06/27/12 16:05	
Toluene	ug/L	ND	1.0	06/27/12 16:05	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/27/12 16:05	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/27/12 16:05	
Trichloroethene	ug/L	ND	1.0	06/27/12 16:05	
Trichlorofluoromethane	ug/L	ND	1.0	06/27/12 16:05	
Vinyl chloride	ug/L	ND	1.0	06/27/12 16:05	
Xylene (Total)	ug/L	ND	3.0	06/27/12 16:05	
1,2-Dichloroethane-d4 (S)	%	95	80-120	06/27/12 16:05	
4-Bromofluorobenzene (S)	%	99	80-120	06/27/12 16:05	
Dibromofluoromethane (S)	%	95	80-120	06/27/12 16:05	
Toluene-d8 (S)	%	97	80-120	06/27/12 16:05	

LABORATORY CONTROL SAMPLE: 1020739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.6	98	79-121	
1,1,1-Trichloroethane	ug/L	20	18.6	93	76-120	
1,1,2,2-Tetrachloroethane	ug/L	20	20.7	104	71-121	
1,1,2-Trichloroethane	ug/L	20	17.8	89	78-120	
1,1-Dichloroethane	ug/L	20	18.7	94	74-120	
1,1-Dichloroethene	ug/L	20	19.1	96	68-120	
1,1-Dichloropropene	ug/L	20	19.5	97	78-120	
1,2,3-Trichlorobenzene	ug/L	20	19.7	99	70-129	
1,2,3-Trichloropropane	ug/L	20	18.7	93	74-121	
1,2,4-Trichlorobenzene	ug/L	20	19.4	97	76-123	
1,2,4-Trimethylbenzene	ug/L	20	19.0	95	76-121	
1,2-Dibromo-3-chloropropane	ug/L	20	19.6	98	65-124	
1,2-Dibromoethane (EDB)	ug/L	20	18.2	91	76-125	
1,2-Dichlorobenzene	ug/L	20	18.8	94	80-120	
1,2-Dichloroethane	ug/L	20	19.8	99	72-123	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

LABORATORY CONTROL SAMPLE: 1020739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	37.2	93	78-120	
1,2-Dichloropropane	ug/L	20	19.1	96	78-120	
1,3,5-Trimethylbenzene	ug/L	20	19.2	96	75-120	
1,3-Dichlorobenzene	ug/L	20	19.2	96	79-120	
1,3-Dichloropropane	ug/L	20	17.9	89	75-120	
1,4-Dichlorobenzene	ug/L	20	18.6	93	80-120	
2,2-Dichloropropane	ug/L	20	18.2	91	54-132	
2-Butanone (MEK)	ug/L	100	93.3	93	40-160	
2-Chlorotoluene	ug/L	20	19.3	96	78-120	
2-Hexanone	ug/L	100	97.9	98	40-160	
4-Chlorotoluene	ug/L	20	20.1	100	79-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.5	96	65-126	
Acetone	ug/L	100	87.8	88	40-160	
Benzene	ug/L	20	19.5	98	74-123	
Bromobenzene	ug/L	20	18.9	95	79-120	
Bromochloromethane	ug/L	20	19.9	99	75-120	
Bromodichloromethane	ug/L	20	17.1	85	74-120	
Bromoform	ug/L	20	18.0	90	70-123	
Bromomethane	ug/L	20	14.7	74	40-158	
Carbon disulfide	ug/L	20	16.8	84	67-135	
Carbon tetrachloride	ug/L	20	18.7	94	74-126	
Chlorobenzene	ug/L	20	19.2	96	80-120	
Chloroethane	ug/L	20	21.1	106	60-144	
Chloroform	ug/L	20	17.8	89	77-120	
Chloromethane	ug/L	20	17.0	85	40-142	
cis-1,2-Dichloroethene	ug/L	20	17.3	86	70-120	
cis-1,3-Dichloropropene	ug/L	20	18.9	94	73-121	
Dibromochloromethane	ug/L	20	18.4	92	77-122	
Dibromomethane	ug/L	20	18.1	91	76-120	
Dichlorodifluoromethane	ug/L	20	17.3	87	40-160	
Ethylbenzene	ug/L	20	20.2	101	76-123	
Hexachloro-1,3-butadiene	ug/L	20	19.7	98	72-124	
Isopropylbenzene (Cumene)	ug/L	20	20.3	102	80-126	
Methyl-tert-butyl ether	ug/L	20	17.6	88	67-125	
Methylene chloride	ug/L	20	18.4	92	72-127	
n-Butylbenzene	ug/L	20	19.1	95	76-125	
n-Propylbenzene	ug/L	20	19.3	96	77-120	
Naphthalene	ug/L	20	17.6	88	63-128	
p-Isopropyltoluene	ug/L	20	18.8	94	77-121	
sec-Butylbenzene	ug/L	20	19.6	98	77-122	
Styrene	ug/L	20	19.4	97	79-120	
tert-Butylbenzene	ug/L	20	19.0	95	75-124	
Tetrachloroethene	ug/L	20	18.7	93	78-121	
Toluene	ug/L	20	20.4	102	75-123	
trans-1,2-Dichloroethene	ug/L	20	19.9	100	80-129	
trans-1,3-Dichloropropene	ug/L	20	18.8	94	77-122	
Trichloroethene	ug/L	20	19.5	98	74-120	
Trichlorofluoromethane	ug/L	20	19.2	96	69-122	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

LABORATORY CONTROL SAMPLE: 1020739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	20	19.9	99	50-140	
Xylene (Total)	ug/L	60	60.0	100	76-123	
1,2-Dichloroethane-d4 (S)	%			96	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Dibromofluoromethane (S)	%			99	80-120	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: OEXT/33668 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1017501 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	06/21/12 20:29	
1,2-Dichlorobenzene	ug/L	ND	10.0	06/21/12 20:29	
1,3-Dichlorobenzene	ug/L	ND	10.0	06/21/12 20:29	
1,4-Dichlorobenzene	ug/L	ND	10.0	06/21/12 20:29	
2,4,5-Trichlorophenol	ug/L	ND	50.0	06/21/12 20:29	
2,4,6-Trichlorophenol	ug/L	ND	10.0	06/21/12 20:29	
2,4-Dichlorophenol	ug/L	ND	10.0	06/21/12 20:29	
2,4-Dimethylphenol	ug/L	ND	10.0	06/21/12 20:29	
2,4-Dinitrophenol	ug/L	ND	50.0	06/21/12 20:29	
2,4-Dinitrotoluene	ug/L	ND	10.0	06/21/12 20:29	
2,6-Dinitrotoluene	ug/L	ND	10.0	06/21/12 20:29	
2-Chloronaphthalene	ug/L	ND	10.0	06/21/12 20:29	
2-Chlorophenol	ug/L	ND	10.0	06/21/12 20:29	
2-Methylnaphthalene	ug/L	ND	10.0	06/21/12 20:29	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	06/21/12 20:29	
2-Nitroaniline	ug/L	ND	50.0	06/21/12 20:29	
2-Nitrophenol	ug/L	ND	10.0	06/21/12 20:29	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	06/21/12 20:29	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	06/21/12 20:29	
3-Nitroaniline	ug/L	ND	50.0	06/21/12 20:29	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	06/21/12 20:29	
4-Bromophenylphenyl ether	ug/L	ND	10.0	06/21/12 20:29	
4-Chloro-3-methylphenol	ug/L	ND	20.0	06/21/12 20:29	
4-Chloroaniline	ug/L	ND	20.0	06/21/12 20:29	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	06/21/12 20:29	
4-Nitroaniline	ug/L	ND	50.0	06/21/12 20:29	
4-Nitrophenol	ug/L	ND	50.0	06/21/12 20:29	
Acenaphthene	ug/L	ND	10.0	06/21/12 20:29	
Acenaphthylene	ug/L	ND	10.0	06/21/12 20:29	
Anthracene	ug/L	ND	10.0	06/21/12 20:29	
Benzo(a)anthracene	ug/L	ND	10.0	06/21/12 20:29	
Benzo(a)pyrene	ug/L	ND	10.0	06/21/12 20:29	
Benzo(b)fluoranthene	ug/L	ND	10.0	06/21/12 20:29	
Benzo(g,h,i)perylene	ug/L	ND	10.0	06/21/12 20:29	
Benzo(k)fluoranthene	ug/L	ND	10.0	06/21/12 20:29	
Benzoic acid	ug/L	ND	50.0	06/21/12 20:29	
Benzyl alcohol	ug/L	ND	20.0	06/21/12 20:29	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	06/21/12 20:29	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	06/21/12 20:29	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	06/21/12 20:29	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	06/21/12 20:29	
Butylbenzylphthalate	ug/L	ND	10.0	06/21/12 20:29	
Carbazole	ug/L	ND	10.0	06/21/12 20:29	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

METHOD BLANK: 1017501 Matrix: Water

Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	06/21/12 20:29	
Di-n-butylphthalate	ug/L	ND	10.0	06/21/12 20:29	
Di-n-octylphthalate	ug/L	ND	10.0	06/21/12 20:29	
Dibenz(a,h)anthracene	ug/L	ND	10.0	06/21/12 20:29	
Dibenzofuran	ug/L	ND	10.0	06/21/12 20:29	
Diethylphthalate	ug/L	ND	10.0	06/21/12 20:29	
Dimethylphthalate	ug/L	ND	10.0	06/21/12 20:29	
Fluoranthene	ug/L	ND	10.0	06/21/12 20:29	
Fluorene	ug/L	ND	10.0	06/21/12 20:29	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	06/21/12 20:29	
Hexachlorobenzene	ug/L	ND	10.0	06/21/12 20:29	
Hexachlorocyclopentadiene	ug/L	ND	10.0	06/21/12 20:29	
Hexachloroethane	ug/L	ND	10.0	06/21/12 20:29	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	06/21/12 20:29	
Isophorone	ug/L	ND	10.0	06/21/12 20:29	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	06/21/12 20:29	
N-Nitrosodiphenylamine	ug/L	ND	10.0	06/21/12 20:29	
Naphthalene	ug/L	ND	10.0	06/21/12 20:29	
Nitrobenzene	ug/L	ND	10.0	06/21/12 20:29	
Pentachlorophenol	ug/L	ND	50.0	06/21/12 20:29	
Phenanthrene	ug/L	ND	10.0	06/21/12 20:29	
Phenol	ug/L	ND	10.0	06/21/12 20:29	
Pyrene	ug/L	ND	10.0	06/21/12 20:29	
Pyridine	ug/L	ND	10.0	06/21/12 20:29	
2,4,6-Tribromophenol (S)	%	75	45-112	06/21/12 20:29	
2-Fluorobiphenyl (S)	%	76	39-120	06/21/12 20:29	
2-Fluorophenol (S)	%	42	12-120	06/21/12 20:29	
Nitrobenzene-d5 (S)	%	75	36-120	06/21/12 20:29	
Phenol-d6 (S)	%	26	10-120	06/21/12 20:29	
Terphenyl-d14 (S)	%	76	30-120	06/21/12 20:29	

LABORATORY CONTROL SAMPLE: 1017502

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	35.0	70	52-120	
1,2-Dichlorobenzene	ug/L	50	34.5	69	46-120	
1,3-Dichlorobenzene	ug/L	50	33.4	67	44-120	
1,4-Dichlorobenzene	ug/L	50	34.2	68	45-120	
2,4,5-Trichlorophenol	ug/L	50	36.1J	72	53-120	
2,4,6-Trichlorophenol	ug/L	50	37.6	75	53-120	
2,4-Dichlorophenol	ug/L	50	35.8	72	52-120	
2,4-Dimethylphenol	ug/L	50	33.5	67	46-120	
2,4-Dinitrophenol	ug/L	50	48.4J	97	24-131	
2,4-Dinitrotoluene	ug/L	50	38.7	77	59-120	
2,6-Dinitrotoluene	ug/L	50	38.2	76	58-120	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

LABORATORY CONTROL SAMPLE: 1017502

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/L	50	37.3	75	53-120	
2-Chlorophenol	ug/L	50	33.1	66	47-120	
2-Methylnaphthalene	ug/L	50	36.3	73	52-120	
2-Methylphenol(o-Cresol)	ug/L	50	29.1	58	39-120	
2-Nitroaniline	ug/L	50	39J	78	53-120	
2-Nitrophenol	ug/L	50	36.6	73	53-120	
3&4-Methylphenol(m&p Cresol)	ug/L	50	26.3	53	35-120	
3,3'-Dichlorobenzidine	ug/L	50	45.1	90	40-131	
3-Nitroaniline	ug/L	50	40.8J	82	24-139	
4,6-Dinitro-2-methylphenol	ug/L	50	42.8J	86	60-120	
4-Bromophenylphenyl ether	ug/L	50	40.2	80	58-120	
4-Chloro-3-methylphenol	ug/L	50	36.1	72	54-120	
4-Chloroaniline	ug/L	50	41.9	84	10-144	
4-Chlorophenylphenyl ether	ug/L	50	37.8	76	58-120	
4-Nitroaniline	ug/L	50	40.8J	82	50-120	
4-Nitrophenol	ug/L	50	14.6J	29	10-120	
Acenaphthene	ug/L	50	37.5	75	54-120	
Acenaphthylene	ug/L	50	37.6	75	54-120	
Anthracene	ug/L	50	39.1	78	58-120	
Benzo(a)anthracene	ug/L	50	39.6	79	59-120	
Benzo(a)pyrene	ug/L	50	39.5	79	58-120	
Benzo(b)fluoranthene	ug/L	50	39.0	78	58-120	
Benzo(g,h,i)perylene	ug/L	50	38.9	78	59-120	
Benzo(k)fluoranthene	ug/L	50	41.2	82	58-120	
Benzoic acid	ug/L	50	ND	27	10-120	
Benzyl alcohol	ug/L	50	31.2	62	31-120	
bis(2-Chloroethoxy)methane	ug/L	50	36.7	73	52-120	
bis(2-Chloroethyl) ether	ug/L	50	36.9	74	50-120	
bis(2-Chloroisopropyl) ether	ug/L	50	37.3	75	51-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	40.7	81	56-120	
Butylbenzylphthalate	ug/L	50	40.5	81	55-120	
Carbazole	ug/L	50	39.8	80	58-120	
Chrysene	ug/L	50	39.3	79	58-120	
Di-n-butylphthalate	ug/L	50	40.7	81	60-120	
Di-n-octylphthalate	ug/L	50	41.0	82	55-120	
Dibenz(a,h)anthracene	ug/L	50	39.0	78	60-120	
Dibenzofuran	ug/L	50	37.5	75	55-120	
Diethylphthalate	ug/L	50	38.7	77	58-120	
Dimethylphthalate	ug/L	50	38.8	78	56-120	
Fluoranthene	ug/L	50	39.7	79	60-120	
Fluorene	ug/L	50	37.9	76	58-120	
Hexachloro-1,3-butadiene	ug/L	50	35.7	71	48-120	
Hexachlorobenzene	ug/L	50	38.9	78	59-120	
Hexachlorocyclopentadiene	ug/L	100	64.9	65	10-120	
Hexachloroethane	ug/L	50	33.5	67	47-120	
Indeno(1,2,3-cd)pyrene	ug/L	50	39.3	79	59-120	
Isophorone	ug/L	50	37.2	74	54-120	
N-Nitroso-di-n-propylamine	ug/L	50	36.3	73	53-120	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

LABORATORY CONTROL SAMPLE: 1017502

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	37.8	76	59-120	
Naphthalene	ug/L	50	36.4	73	52-120	
Nitrobenzene	ug/L	50	46.8	94	51-120	
Pentachlorophenol	ug/L	50	37.4J	75	43-120	
Phenanthrene	ug/L	50	39.5	79	58-120	
Phenol	ug/L	50	13.2	26	15-120	
Pyrene	ug/L	50	40.2	80	57-120	
Pyridine	ug/L	50	9.4J	19	1-120	
2,4,6-Tribromophenol (S)	%			75	45-112	
2-Fluorobiphenyl (S)	%			73	39-120	
2-Fluorophenol (S)	%			39	12-120	
Nitrobenzene-d5 (S)	%			73	36-120	
Phenol-d6 (S)	%			26	10-120	
Terphenyl-d14 (S)	%			78	30-120	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: WET/35753 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1020232 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	5.0	06/26/12 12:17	

SAMPLE DUPLICATE: 1020233

Parameter	Units	60123648001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1030	1030	0	17	

SAMPLE DUPLICATE: 1020234

Parameter	Units	60123676003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	407	396	3	17	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: WET/35663 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1017597 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	06/26/12 09:32	

LABORATORY CONTROL SAMPLE: 1017598

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	173	88	85-115	

SAMPLE DUPLICATE: 1017599

Parameter	Units	60123682001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	22.4	22.1	1	17	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: WET/35695 Analysis Method: EPA 9040
QC Batch Method: EPA 9040 Analysis Description: 9040 pH
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

SAMPLE DUPLICATE: 1018656

Parameter	Units	60123648001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH	Std. Units	7.9	7.9	0	10	H6

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: WETA/20677 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1020268 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/26/12 13:48	
Sulfate	mg/L	ND	1.0	06/26/12 13:48	

METHOD BLANK: 1021353 Matrix: Water
Associated Lab Samples: 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/28/12 04:42	
Sulfate	mg/L	ND	1.0	06/28/12 04:42	

LABORATORY CONTROL SAMPLE: 1020269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	5.1	102	90-110	
Sulfate	mg/L	5	5.2	104	90-110	

LABORATORY CONTROL SAMPLE: 1021354

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	95	90-110	
Sulfate	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual

MATRIX SPIKE SAMPLE: 1020272

Parameter	Units	60123653006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	65.2	250	315	100	64-118	
Sulfate	mg/L	966	250	1210	98	61-119	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: WETA/20611 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1017547 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	06/21/12 09:40	

LABORATORY CONTROL SAMPLE: 1017548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1.6	1.7	105	90-110	

MATRIX SPIKE SAMPLE: 1017549

Parameter	Units	60123648001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1.6	1.6	101	90-110	

MATRIX SPIKE SAMPLE: 1017551

Parameter	Units	60123616001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1.6	1.6	100	90-110	

SAMPLE DUPLICATE: 1017550

Parameter	Units	60123610002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	2.5	2.5	1	15	

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QUALITY CONTROL DATA

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

QC Batch: WETA/20690 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

METHOD BLANK: 1020767 Matrix: Water
Associated Lab Samples: 60123648001, 60123648002, 60123648003, 60123648004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	06/28/12 08:54	

LABORATORY CONTROL SAMPLE: 1020768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	48.3	97	90-110	

MATRIX SPIKE SAMPLE: 1020769

Parameter	Units	60123848001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	83.4	50	130	94	90-110	

MATRIX SPIKE SAMPLE: 1021362

Parameter	Units	60123728001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	263	250	483	88	90-110	M1

SAMPLE DUPLICATE: 1020770

Parameter	Units	60123648002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	12.8	13.9	8	25	

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QUALIFIERS

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-K	Pace Analytical Services - Kansas City
PASI-M	Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: MSV/46674

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

H6	Analysis initiated outside of the 15 minute EPA recommended holding time.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60123648001	GW-075167-061912-CM-MW-2	EPA 3010	MPRP/18469	EPA 6010	ICP/15457
60123648002	GW-075167-061912-CM-MWR-1	EPA 3010	MPRP/18469	EPA 6010	ICP/15457
60123648003	GW-075167-061912-CM-MW-3	EPA 3010	MPRP/18469	EPA 6010	ICP/15457
60123648004	SW-075167-061912-CM-E.POND	EPA 3010	MPRP/18469	EPA 6010	ICP/15457
60123648001	GW-075167-061912-CM-MW-2	EPA 6020	ICPM/33153	EPA 6020	ICPM/13107
60123648002	GW-075167-061912-CM-MWR-1	EPA 6020	ICPM/33154	EPA 6020	ICPM/13109
60123648003	GW-075167-061912-CM-MW-3	EPA 6020	ICPM/33154	EPA 6020	ICPM/13109
60123648004	SW-075167-061912-CM-E.POND	EPA 6020	ICPM/33154	EPA 6020	ICPM/13109
60123648001	GW-075167-061912-CM-MW-2	EPA 7470	MERP/6405	EPA 7470	MERC/6367
60123648002	GW-075167-061912-CM-MWR-1	EPA 7470	MERP/6405	EPA 7470	MERC/6367
60123648003	GW-075167-061912-CM-MW-3	EPA 7470	MERP/6405	EPA 7470	MERC/6367
60123648004	SW-075167-061912-CM-E.POND	EPA 7470	MERP/6405	EPA 7470	MERC/6367
60123648001	GW-075167-061912-CM-MW-2	EPA 3510	OEXT/33668	EPA 8270	MSSV/10561
60123648002	GW-075167-061912-CM-MWR-1	EPA 3510	OEXT/33668	EPA 8270	MSSV/10561
60123648003	GW-075167-061912-CM-MW-3	EPA 3510	OEXT/33668	EPA 8270	MSSV/10561
60123648004	SW-075167-061912-CM-E.POND	EPA 3510	OEXT/33668	EPA 8270	MSSV/10561
60123648001	GW-075167-061912-CM-MW-2	EPA 5030B/8260	MSV/46674		
60123648002	GW-075167-061912-CM-MWR-1	EPA 5030B/8260	MSV/46674		
60123648003	GW-075167-061912-CM-MW-3	EPA 5030B/8260	MSV/46674		
60123648004	SW-075167-061912-CM-E.POND	EPA 5030B/8260	MSV/46674		
60123648005	SW-075167-061912-CM-DUP	EPA 5030B/8260	MSV/46674		
60123648006	TB-075167-061912-CM-TB-1	EPA 5030B/8260	MSV/46674		
60123648001	GW-075167-061912-CM-MW-2	SM 2540C	WET/35753		
60123648002	GW-075167-061912-CM-MWR-1	SM 2540C	WET/35753		
60123648003	GW-075167-061912-CM-MW-3	SM 2540C	WET/35753		
60123648004	SW-075167-061912-CM-E.POND	SM 2540C	WET/35753		
60123648001	GW-075167-061912-CM-MW-2	SM 5210B	WET/35663	SM 5210B	WET/35750
60123648002	GW-075167-061912-CM-MWR-1	SM 5210B	WET/35663	SM 5210B	WET/35750
60123648003	GW-075167-061912-CM-MW-3	SM 5210B	WET/35663	SM 5210B	WET/35750
60123648004	SW-075167-061912-CM-E.POND	SM 5210B	WET/35663	SM 5210B	WET/35750
60123648001	GW-075167-061912-CM-MW-2	EPA 9040	WET/35695		
60123648002	GW-075167-061912-CM-MWR-1	EPA 9040	WET/35695		
60123648003	GW-075167-061912-CM-MW-3	EPA 9040	WET/35695		
60123648004	SW-075167-061912-CM-E.POND	EPA 9040	WET/35695		
60123648001	GW-075167-061912-CM-MW-2	EPA 300.0	WETA/20677		
60123648002	GW-075167-061912-CM-MWR-1	EPA 300.0	WETA/20677		
60123648003	GW-075167-061912-CM-MW-3	EPA 300.0	WETA/20677		
60123648004	SW-075167-061912-CM-E.POND	EPA 300.0	WETA/20677		
60123648001	GW-075167-061912-CM-MW-2	EPA 353.2	WETA/20611		
60123648002	GW-075167-061912-CM-MWR-1	EPA 353.2	WETA/20611		
60123648003	GW-075167-061912-CM-MW-3	EPA 353.2	WETA/20611		
60123648004	SW-075167-061912-CM-E.POND	EPA 353.2	WETA/20611		
60123648001	GW-075167-061912-CM-MW-2	EPA 410.4	WETA/20690		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Wingate Pond Sampling 075167
Pace Project No.: 60123648

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60123648002	**GW-075167-061912-CM-MWR-1**	EPA 410.4	WETA/20690		
60123648003	**GW-075167-061912-CM-MW-3**	EPA 410.4	WETA/20690		
60123648004	**SW-075167-061912-CM-E.POND**	EPA 410.4	WETA/20690		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A — **Required** Client Information:

Company:	CRA
Address:	6121 Indian School Rd NE, Ste 200
	Albequerque, NM 87110
Email To:	cmathews@craworld.com
Phone: (505)884-0672	Fax: (505)884-4932
Requested Due Date/TAT:	standard

Section B — **Required** Project Information:

Report To:	Christine Mathews
Copy To:	Angela Bown, Kelly Blanchard
Purchase Order No.:	
Project Name:	Wingate Pond Sampling
Project Number:	075167

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Alice Tracy
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NM

Section D — **Required** Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: 8260 VOCs	8270 SVOCs	6010 Metals*	300.0 Sulfate, Chloride	2320 Alkalinity	353.2 Nitrate	5210 BOD	410.4 COD	9040 pH	2540 TDS	BTEX only	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 6012364B
1	GW-075167-061912-CM-MW-2	WT	G			6/19/12	1015		10	X	X	X	X	3	0	6	9	11	X	X	X	X	X	X	X	X	X	X	2	001 24, 1BP1U, 2BP3U, 1BP3S, 1BP3N
2	GW-075167-061912-CM-MW-1	WT	G			6/19/12	1125		10	X	X	X	X						X	X	X	X	X	X	X	X	X	X		002
3	GW-075167-061912-CM-MW-3	WT	G			6/19/12	1340		10	X	X	X	X						X	X	X	X	X	X	X	X	X	X		003
4	GW-075167-061912-CM-E.Pond	WT	G			6/19/12	1200		10	X	X	X	X						X	X	X	X	X	X	X	X	X	X		004
5	GW-075167-061912-CM-DUP	WT	G			6/19/12	1205		3				X															X		005
6	TB-075167-061912-CM-TB1	WT	G			6/19/12	1350		2				X	2	0	6	9	11										X		006
7																														
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
*Metals: As, Ba, Cd, Cr, Pb, Ag, Se Ca, Na, Hg	Cassie Brown/CRA	6/19/12	1430	Felix Fuentes	6/20	0830
split metals sample to send to Minn for uranium by 6020						
Plastic Containers were field-filtered. No other containers were filtered						

SAMPLE CONDITIONS				
	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	4.3	Y	Y	Y
	2.9	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Cassie Brown

SIGNATURE of SAMPLER: Cassie Brown DATE Signed (MM/DD/YY): 6/19/12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.08, 12-Oct-2007

Sample Condition Upon Receipt

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Client Name: CRA Project # 60123608

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☑ Other 7/6/20

Tracking #: 8007 0289 7546 7535 Pace Shipping Label Used? ☐ Yes ☑ No

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Optional
Proj. Due Date: 7/2
Proj. Name: Wingate Road

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ Foam ☐ None ☑ Other ZPLC

Thermometer Used: T-191 / T-194 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 2.9, 4.3
Temperature should be above freezing to 6°C

Date and Initials of person examining contents: 7/6/20

Comments:

Chain of Custody present:	☑ Yes ☐ No ☐ N/A	1.
Chain of Custody filled out:	☑ Yes ☐ No ☐ N/A	2.
Chain of Custody relinquished:	☑ Yes ☐ No ☐ N/A	3.
Sampler name & signature on COC:	☑ Yes ☐ No ☐ N/A	4.
Samples arrived within holding time:	☑ Yes ☐ No ☐ N/A	5.
Short Hold Time analyses (<72hr):	☑ Yes ☐ No ☐ N/A	6. BOD, NO_3
Rush Turn Around Time requested:	☐ Yes ☑ No ☐ N/A	7.
Sufficient volume:	☑ Yes ☐ No ☐ N/A	8.
Correct containers used:	☑ Yes ☐ No ☐ N/A	9.
-Pace containers used:	☑ Yes ☐ No ☐ N/A	
Containers intact:	☑ Yes ☐ No ☐ N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐ Yes ☐ No ☑ N/A	11.
Filtered volume received for dissolved tests	☐ Yes ☐ No ☑ N/A	12.
Sample labels match COC:	☑ Yes ☐ No ☐ N/A	13.
-Includes date/time/ID/analyses Matrix: WT		
All containers needing preservation have been checked.	☑ Yes ☐ No ☐ N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑ Yes ☐ No ☐ N/A	
Exceptions: (VOA), coliform, TOC, O&G, WI-DRO (water), Phenolics	☑ Yes ☐ No	Initial when completed ____ Lot # of added preservative ____
Trip Blank present:	(☑ Yes) ☐ No ☐ N/A	15.
Pace Trip Blank lot # (if purchased): 052812-3	7/6/20	
Headspace in VOA vials (>6mm):	☐ Yes ☑ No ☐ N/A	16.
Project sampled in USDA Regulated Area:	☐ Yes ☐ No ☑ N/A	17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: MKF Date: 6/20/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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July 16, 2012

Cassie Brown
COP Conestoga-Rovers & Associa

,

RE: Project: WINGATE 075006
Pace Project No.: 60123718

Dear Cassie Brown:
Enclosed are the analytical results for sample(s) received by the laboratory between June 19, 2012 and June 21, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Alice Flanagan

alice.flanagan@pacelabs.com
Project Manager

Enclosures

cc: Kelly Blanchard, COP Conestoga-Rovers & Associa
Angela Bown, COP Conestoga-Rovers & Associa
Christine Matthews, CRA

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9608 Loiret Blvd.
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CERTIFICATIONS

Project: WINGATE 075006
Pace Project No.: 60123718

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
A2LA Certification #: 2456.01
Arkansas Certification #: 05-008-0
Illinois Certification #: 001191
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-08-TX
Utah Certification #: 9135995665

Pace Analytical Services, Inc.
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SAMPLE SUMMARY

Project: WINGATE 075006
Pace Project No.: 60123718

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60123718001	**GW-075006-062012-CM-WMW-3**	Water	06/20/12 08:40	06/21/12 08:30
60123718002	**GW-075006-062012-CM-WMW-5**	Water	06/20/12 11:00	06/21/12 08:30
60123718003	**GW-075006-062012-CM-WMW-4**	Water	06/20/12 11:50	06/21/12 08:30
60123718004	**GW-075006-062012-CM-WMW-2**	Water	06/20/12 12:40	06/21/12 08:30
60123718005	**GW-075006-062012-CM-DUP**	Water	06/20/12 12:30	06/21/12 08:30
60123718006	**WC-075006-062012-CM-DRUM**	Water	06/20/12 13:25	06/21/12 08:30
60123718007	**TB-075006-062012-CM-001**	Water	06/20/12 14:45	06/21/12 08:30
60123546001	**GW-075006-061812-CM-WMW-8**	Water	06/18/12 11:20	06/19/12 08:25
60123546002	**GW-075006-061812-CM-WMW-7**	Water	06/18/12 12:55	06/19/12 08:25
60123546003	**GW-075006-061812-CM-WMW-6**	Water	06/18/12 14:35	06/19/12 08:25
60123546004	**TB-075006-061812-CM-001**	Water	06/18/12 00:00	06/19/12 08:25

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SAMPLE ANALYTE COUNT

Project: WINGATE 075006
Pace Project No.: 60123718

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RS1	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2320B	PWH	1	PASI-K
		SM 2540C	DJR	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RR1	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2320B	PWH	1	PASI-K
		SM 2540C	DJR	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RR1	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2320B	PWH	1	PASI-K
		SM 2540C	DJR	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 6010	JDH	9	PASI-K
		EPA 6020	RR1	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	JDM	70	PASI-K
		SM 2320B	PWH	1	PASI-K
		SM 2540C	DJR	1	PASI-K

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SAMPLE ANALYTE COUNT

Project: WINGATE 075006
Pace Project No.: 60123718

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9040	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
60123718005	**GW-075006-062012-CM-DUP**	EPA 5030B/8260	JDM	9	PASI-K
60123718006	**WC-075006-062012-CM-DRUM**	EPA 8260	RNS	5	PASI-K
		EPA 1010	AJM	1	PASI-K
		SW-846 7.3.4.2 Modified	PWH	1	PASI-K
		EPA 9040	NDL	1	PASI-K
		SW-846 7.3.3.2 Modified	AJM	1	PASI-K
60123718007	**TB-075006-062012-CM-001**	EPA 5030B/8260	JDM	9	PASI-K
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 6010	JDH	8	PASI-K
		EPA 6020	RJS	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PRG	70	PASI-K
		SM 2320B	PWH	1	PASI-K
		SM 2540C	DJR	1	PASI-K
		SM 4500-H+B	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 6010	JDH	8	PASI-K
		EPA 6020	RJS	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PRG	70	PASI-K
		SM 2320B	PWH	1	PASI-K
		SM 2540C	DJR	1	PASI-K
		SM 4500-H+B	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 6010	JDH	8	PASI-K
		EPA 6020	RJS	1	PASI-M
		EPA 7470	TDS	1	PASI-K
		EPA 8270	JMT	73	PASI-K
		EPA 5030B/8260	PRG	70	PASI-K
		SM 2320B	PWH	1	PASI-K
		SM 2540C	DJR	1	PASI-K

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SAMPLE ANALYTE COUNT

Project: WINGATE 075006
Pace Project No.: 60123718

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-H+B	NDL	1	PASI-K
		EPA 300.0	OL	2	PASI-K
		EPA 353.2	KLB	1	PASI-K
60123546004	**TB-075006-061812-CM-001**	EPA 5030B/8260	PRG	9	PASI-K

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 6010**
Description: 6010 MET ICP
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
4 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 6010**
Description: 6010 MET ICP, Dissolved
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
3 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 6020**
Description: 6020 MET ICPMS
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
7 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: ICPM/33215

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92121813027,92121815002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1225586)
  - Uranium-238

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 7470**
Description: 7470 Mercury
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
7 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MERP/6395

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 60123546001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1019599)
  - Mercury

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 8270**
Description: 8270 MSSV Semivolatile Organic
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
7 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 8260**
Description: 8260 MSV TCLP
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 5030B/8260**
Description: 8260 MSV
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
10 samples were analyzed for EPA 5030B/8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/46657

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/46683

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/46657

B: Analyte was detected in the associated method blank.

- GW-075006-061812-CM-WMW-7 (Lab ID: 60123546002)
  - Bromomethane

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 1010**
Description: 1010 Flashpoint,Closed Cup
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
1 sample was analyzed for EPA 1010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **SM 2320B**
Description: 2320B Alkalinity
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
7 samples were analyzed for SM 2320B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **SM 2540C**
Description: 2540C Total Dissolved Solids
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
7 samples were analyzed for SM 2540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **SM 4500-H+B**
Description: 4500H+ pH, Electrometric
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
3 samples were analyzed for SM 4500-H+B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H6: Analysis initiated outside of the 15 minute EPA recommended holding time.
- GW-075006-061812-CM-WMW-6 (Lab ID: 60123546003)
- GW-075006-061812-CM-WMW-7 (Lab ID: 60123546002)
- GW-075006-061812-CM-WMW-8 (Lab ID: 60123546001)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **SW-846 7.3.4.2 Modified**
Description: 734S Reactive Sulfide
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
1 sample was analyzed for SW-846 7.3.4.2 Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 9040**
Description: 9040 pH
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
5 samples were analyzed for EPA 9040. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H6: Analysis initiated outside of the 15 minute EPA recommended holding time.
- GW-075006-062012-CM-WMW-2 (Lab ID: 60123718004)
- GW-075006-062012-CM-WMW-3 (Lab ID: 60123718001)
- GW-075006-062012-CM-WMW-4 (Lab ID: 60123718003)
- GW-075006-062012-CM-WMW-5 (Lab ID: 60123718002)
- WC-075006-062012-CM-DRUM (Lab ID: 60123718006)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 300.0**
Description: 300.0 IC Anions 28 Days
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
7 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 unpres
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
7 samples were analyzed for EPA 353.2. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: WINGATE 075006
Pace Project No.: 60123718

Method: **SW-846 7.3.3.2 Modified**
Description: 733C Reactive Cyanide
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: July 16, 2012

General Information:
1 sample was analyzed for SW-846 7.3.3.2 Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-3 **Lab ID: 60123718001** Collected: 06/20/12 08:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:02	7440-38-2	
Barium	**20.1**	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:02	7440-39-3	
Cadmium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:02	7440-43-9	
Calcium	**76400**	ug/L	100	1	06/26/12 13:40	06/27/12 20:02	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:02	7440-47-3	
Lead	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:02	7439-92-1	
Selenium	ND	ug/L	15.0	1	06/26/12 13:40	06/27/12 20:02	7782-49-2	
Silver	ND	ug/L	7.0	1	06/26/12 13:40	06/27/12 20:02	7440-22-4	
Sodium	**1650000**	ug/L	10000	20	06/26/12 13:40	06/28/12 11:17	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**57.2**	ug/L	37.5	75	06/26/12 12:27	07/06/12 19:53	7440-61-1	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/25/12 14:40	06/27/12 16:36	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	83-32-9	
Acenaphthylene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	208-96-8	
Anthracene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	120-12-7	
Benzo(a)anthracene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	56-55-3	
Benzo(a)pyrene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	207-08-9	
Benzoic acid	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	65-85-0	
Benzyl alcohol	ND	ug/L	26.7	1	06/21/12 00:00	06/24/12 20:29	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	101-55-3	
Butylbenzylphthalate	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	85-68-7	
Carbazole	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	26.7	1	06/21/12 00:00	06/24/12 20:29	59-50-7	
4-Chloroaniline	ND	ug/L	26.7	1	06/21/12 00:00	06/24/12 20:29	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	39638-32-9	
2-Chloronaphthalene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	91-58-7	
2-Chlorophenol	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	7005-72-3	
Chrysene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	53-70-3	
Dibenzofuran	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	26.7	1	06/21/12 00:00	06/24/12 20:29	91-94-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-3 **Lab ID: 60123718001** Collected: 06/20/12 08:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	120-83-2	
Diethylphthalate	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	84-66-2	
2,4-Dimethylphenol	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	105-67-9	
Dimethylphthalate	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	131-11-3	
Di-n-butylphthalate	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	534-52-1	
2,4-Dinitrophenol	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	606-20-2	
Di-n-octylphthalate	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	117-81-7	
Fluoranthene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	206-44-0	
Fluorene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	87-68-3	
Hexachlorobenzene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	77-47-4	
Hexachloroethane	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	193-39-5	
Isophorone	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	78-59-1	
2-Methylnaphthalene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29		
Naphthalene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	91-20-3	
2-Nitroaniline	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	88-74-4	
3-Nitroaniline	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	99-09-2	
4-Nitroaniline	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	100-01-6	
Nitrobenzene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	98-95-3	
2-Nitrophenol	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	88-75-5	
4-Nitrophenol	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	86-30-6	
Pentachlorophenol	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	87-86-5	
Phenanthrene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	85-01-8	
Phenol	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	108-95-2	
Pyrene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	129-00-0	
Pyridine	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	66.7	1	06/21/12 00:00	06/24/12 20:29	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	13.3	1	06/21/12 00:00	06/24/12 20:29	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%	36-120	1	06/21/12 00:00	06/24/12 20:29	4165-60-0	
2-Fluorobiphenyl (S)	76	%	39-120	1	06/21/12 00:00	06/24/12 20:29	321-60-8	
Terphenyl-d14 (S)	79	%	30-120	1	06/21/12 00:00	06/24/12 20:29	1718-51-0	
Phenol-d6 (S)	34	%	10-120	1	06/21/12 00:00	06/24/12 20:29	13127-88-3	
2-Fluorophenol (S)	48	%	12-120	1	06/21/12 00:00	06/24/12 20:29	367-12-4	
2,4,6-Tribromophenol (S)	72	%	45-112	1	06/21/12 00:00	06/24/12 20:29	118-79-6	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-3 **Lab ID: 60123718001** Collected: 06/20/12 08:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/28/12 12:21	67-64-1	
Benzene	ND	ug/L	1.0	1		06/28/12 12:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/28/12 12:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/28/12 12:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/28/12 12:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/28/12 12:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/28/12 12:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/28/12 12:21	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:21	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:21	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:21	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/28/12 12:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/28/12 12:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/28/12 12:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/28/12 12:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/28/12 12:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/28/12 12:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/28/12 12:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/28/12 12:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/28/12 12:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/28/12 12:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/28/12 12:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/28/12 12:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/28/12 12:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/28/12 12:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/28/12 12:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/28/12 12:21	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/28/12 12:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/28/12 12:21	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/28/12 12:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/28/12 12:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/28/12 12:21	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/28/12 12:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/28/12 12:21	108-10-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-3 **Lab ID: 60123718001** Collected: 06/20/12 08:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/28/12 12:21	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/28/12 12:21	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/28/12 12:21	103-65-1	
Styrene	ND	ug/L	1.0	1		06/28/12 12:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/28/12 12:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/28/12 12:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/28/12 12:21	127-18-4	
Toluene	ND	ug/L	1.0	1		06/28/12 12:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/28/12 12:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/28/12 12:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/28/12 12:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/28/12 12:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/28/12 12:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/28/12 12:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/28/12 12:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/28/12 12:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/28/12 12:21	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		06/28/12 12:21	460-00-4	
Dibromofluoromethane (S)	101	%	80-120	1		06/28/12 12:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	80-120	1		06/28/12 12:21	17060-07-0	
Toluene-d8 (S)	98	%	80-120	1		06/28/12 12:21	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/28/12 12:21		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**1400**	mg/L	20.0	1		06/28/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**4320**	mg/L	5.0	1		06/27/12 10:27		
9040 pH	Analytical Method: EPA 9040							
pH	**7.7**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**895**	mg/L	200	200		06/28/12 08:00	16887-00-6	
Sulfate	**1550**	mg/L	200	200		06/28/12 08:00	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**1.8**	mg/L	0.10	1		06/21/12 19:23		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-5 **Lab ID: 60123718002** Collected: 06/20/12 11:00 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:06	7440-38-2	
Barium	ND	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:06	7440-39-3	
Cadmium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:06	7440-43-9	
Calcium	**104000**	ug/L	100	1	06/26/12 13:40	06/27/12 20:06	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:06	7440-47-3	
Lead	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:06	7439-92-1	
Selenium	ND	ug/L	15.0	1	06/26/12 13:40	06/27/12 20:06	7782-49-2	
Silver	ND	ug/L	7.0	1	06/26/12 13:40	06/27/12 20:06	7440-22-4	
Sodium	**754000**	ug/L	10000	20	06/26/12 13:40	06/28/12 11:23	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**11.6**	ug/L	0.50	1	06/26/12 12:27	07/06/12 19:57	7440-61-1	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/25/12 14:40	06/27/12 16:38	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	208-96-8	
Anthracene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	207-08-9	
Benzoic acid	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 20:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	85-68-7	
Carbazole	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 20:50	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 20:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	7005-72-3	
Chrysene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 20:50	91-94-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-5 **Lab ID: 60123718002** Collected: 06/20/12 11:00 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	206-44-0	
Fluorene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	193-39-5	
Isophorone	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50		
Naphthalene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	85-01-8	
Phenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	108-95-2	
Pyrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	129-00-0	
Pyridine	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 20:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 20:50	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	36-120	1	06/21/12 00:00	06/24/12 20:50	4165-60-0	
2-Fluorobiphenyl (S)	75	%	39-120	1	06/21/12 00:00	06/24/12 20:50	321-60-8	
Terphenyl-d14 (S)	79	%	30-120	1	06/21/12 00:00	06/24/12 20:50	1718-51-0	
Phenol-d6 (S)	28	%	10-120	1	06/21/12 00:00	06/24/12 20:50	13127-88-3	
2-Fluorophenol (S)	44	%	12-120	1	06/21/12 00:00	06/24/12 20:50	367-12-4	
2,4,6-Tribromophenol (S)	70	%	45-112	1	06/21/12 00:00	06/24/12 20:50	118-79-6	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-5 **Lab ID: 60123718002** Collected: 06/20/12 11:00 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/28/12 12:37	67-64-1	
Benzene	ND	ug/L	1.0	1		06/28/12 12:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/28/12 12:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/28/12 12:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/28/12 12:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/28/12 12:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/28/12 12:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/28/12 12:37	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:37	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:37	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:37	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/28/12 12:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/28/12 12:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/28/12 12:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/28/12 12:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/28/12 12:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/28/12 12:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/28/12 12:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/28/12 12:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/28/12 12:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/28/12 12:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/28/12 12:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/28/12 12:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/28/12 12:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/28/12 12:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/28/12 12:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/28/12 12:37	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/28/12 12:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/28/12 12:37	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/28/12 12:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/28/12 12:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/28/12 12:37	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/28/12 12:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/28/12 12:37	108-10-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-5 **Lab ID: 60123718002** Collected: 06/20/12 11:00 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/28/12 12:37	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/28/12 12:37	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/28/12 12:37	103-65-1	
Styrene	ND	ug/L	1.0	1		06/28/12 12:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/28/12 12:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/28/12 12:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/28/12 12:37	127-18-4	
Toluene	ND	ug/L	1.0	1		06/28/12 12:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/28/12 12:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/28/12 12:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/28/12 12:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/28/12 12:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/28/12 12:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/28/12 12:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/28/12 12:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/28/12 12:37	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/28/12 12:37	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	106	%	80-120	1		06/28/12 12:37	460-00-4	
Dibromofluoromethane (S)	99	%	80-120	1		06/28/12 12:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	80-120	1		06/28/12 12:37	17060-07-0	
Toluene-d8 (S)	96	%	80-120	1		06/28/12 12:37	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/28/12 12:37		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**646**	mg/L	20.0	1		06/28/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**2630**	mg/L	5.0	1		06/27/12 10:27		
9040 pH	Analytical Method: EPA 9040							
pH	**7.4**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**226**	mg/L	20.0	20		07/02/12 17:37	16887-00-6	
Sulfate	**1200**	mg/L	100	100		07/02/12 18:32	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/21/12 19:32		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-4 **Lab ID: 60123718003** Collected: 06/20/12 11:50 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:09	7440-38-2	
Barium	**53.8**	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:09	7440-39-3	
Cadmium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:09	7440-43-9	
Calcium	**12600**	ug/L	100	1	06/26/12 13:40	06/27/12 20:09	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:09	7440-47-3	
Lead	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:09	7439-92-1	
Selenium	ND	ug/L	15.0	1	06/26/12 13:40	06/27/12 20:09	7782-49-2	
Silver	ND	ug/L	7.0	1	06/26/12 13:40	06/27/12 20:09	7440-22-4	
Sodium	**566000**	ug/L	10000	20	06/26/12 13:40	06/28/12 11:25	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**1.2**	ug/L	0.50	1	06/26/12 12:27	07/06/12 20:01	7440-61-1	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/25/12 14:40	06/27/12 16:40	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	208-96-8	
Anthracene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	207-08-9	
Benzoic acid	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 21:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	85-68-7	
Carbazole	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 21:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 21:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	7005-72-3	
Chrysene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	06/21/12 00:00	06/24/12 21:10	91-94-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-4 **Lab ID: 60123718003** Collected: 06/20/12 11:50 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	206-44-0	
Fluorene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	193-39-5	
Isophorone	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10		
Naphthalene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	85-01-8	
Phenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	108-95-2	
Pyrene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	129-00-0	
Pyridine	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/21/12 00:00	06/24/12 21:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	06/21/12 00:00	06/24/12 21:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	36-120	1	06/21/12 00:00	06/24/12 21:10	4165-60-0	
2-Fluorobiphenyl (S)	74	%	39-120	1	06/21/12 00:00	06/24/12 21:10	321-60-8	
Terphenyl-d14 (S)	78	%	30-120	1	06/21/12 00:00	06/24/12 21:10	1718-51-0	
Phenol-d6 (S)	28	%	10-120	1	06/21/12 00:00	06/24/12 21:10	13127-88-3	
2-Fluorophenol (S)	43	%	12-120	1	06/21/12 00:00	06/24/12 21:10	367-12-4	
2,4,6-Tribromophenol (S)	72	%	45-112	1	06/21/12 00:00	06/24/12 21:10	118-79-6	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-4 **Lab ID: 60123718003** Collected: 06/20/12 11:50 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/28/12 12:53	67-64-1	
Benzene	ND	ug/L	1.0	1		06/28/12 12:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/28/12 12:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/28/12 12:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/28/12 12:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/28/12 12:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/28/12 12:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/28/12 12:53	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:53	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:53	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/28/12 12:53	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/28/12 12:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/28/12 12:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/28/12 12:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/28/12 12:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/28/12 12:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/28/12 12:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/28/12 12:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/28/12 12:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/28/12 12:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/28/12 12:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/28/12 12:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/28/12 12:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/28/12 12:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/28/12 12:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/28/12 12:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/28/12 12:53	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/28/12 12:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/28/12 12:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/28/12 12:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/28/12 12:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/28/12 12:53	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/28/12 12:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/28/12 12:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/28/12 12:53	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/28/12 12:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/28/12 12:53	108-10-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-4 **Lab ID: 60123718003** Collected: 06/20/12 11:50 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/28/12 12:53	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/28/12 12:53	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/28/12 12:53	103-65-1	
Styrene	ND	ug/L	1.0	1		06/28/12 12:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/28/12 12:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/28/12 12:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/28/12 12:53	127-18-4	
Toluene	ND	ug/L	1.0	1		06/28/12 12:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/28/12 12:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/28/12 12:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/28/12 12:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/28/12 12:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/28/12 12:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/28/12 12:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/28/12 12:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/28/12 12:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/28/12 12:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/28/12 12:53	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		06/28/12 12:53	460-00-4	
Dibromofluoromethane (S)	98	%	80-120	1		06/28/12 12:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	80-120	1		06/28/12 12:53	17060-07-0	
Toluene-d8 (S)	92	%	80-120	1		06/28/12 12:53	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/28/12 12:53		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**798**	mg/L	20.0	1		06/28/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**1540**	mg/L	5.0	1		06/27/12 10:27		
9040 pH	Analytical Method: EPA 9040							
pH	**7.8**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**191**	mg/L	20.0	20		07/02/12 19:26	16887-00-6	
Sulfate	**318**	mg/L	20.0	20		07/02/12 19:26	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/21/12 19:42		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-2 **Lab ID: 60123718004** Collected: 06/20/12 12:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:19	7440-38-2	
Barium	**198**	ug/L	10.0	1	06/26/12 13:40	06/27/12 20:19	7440-39-3	
Cadmium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:19	7440-43-9	
Calcium	**10700**	ug/L	100	1	06/26/12 13:40	06/27/12 20:19	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:19	7440-47-3	
Lead	ND	ug/L	5.0	1	06/26/12 13:40	06/27/12 20:19	7439-92-1	
Selenium	ND	ug/L	15.0	1	06/26/12 13:40	06/27/12 20:19	7782-49-2	
Silver	ND	ug/L	7.0	1	06/26/12 13:40	06/27/12 20:19	7440-22-4	
Sodium	**922000**	ug/L	10000	20	06/26/12 13:40	06/28/12 11:27	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**20.6**	ug/L	0.50	1	06/26/12 12:27	07/06/12 20:04	7440-61-1	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/25/12 14:40	06/27/12 16:47	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	83-32-9	
Acenaphthylene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	208-96-8	
Anthracene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	207-08-9	
Benzoic acid	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	65-85-0	
Benzyl alcohol	ND	ug/L	23.0	1	06/21/12 00:00	06/25/12 15:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	85-68-7	
Carbazole	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	23.0	1	06/21/12 00:00	06/25/12 15:03	59-50-7	
4-Chloroaniline	ND	ug/L	23.0	1	06/21/12 00:00	06/25/12 15:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	39638-32-9	
2-Chloronaphthalene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	91-58-7	
2-Chlorophenol	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	7005-72-3	
Chrysene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	53-70-3	
Dibenzofuran	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	23.0	1	06/21/12 00:00	06/25/12 15:03	91-94-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-2 **Lab ID: 60123718004** Collected: 06/20/12 12:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dichlorophenol	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	120-83-2	
Diethylphthalate	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	105-67-9	
Dimethylphthalate	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	117-81-7	
Fluoranthene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	206-44-0	
Fluorene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	87-68-3	
Hexachlorobenzene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	77-47-4	
Hexachloroethane	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	193-39-5	
Isophorone	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03		
Naphthalene	**13.2**	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	91-20-3	
2-Nitroaniline	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	88-74-4	
3-Nitroaniline	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	99-09-2	
4-Nitroaniline	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	100-01-6	
Nitrobenzene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	98-95-3	
2-Nitrophenol	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	88-75-5	
4-Nitrophenol	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	86-30-6	
Pentachlorophenol	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	87-86-5	
Phenanthrene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	85-01-8	
Phenol	**13.4**	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	108-95-2	
Pyrene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	129-00-0	
Pyridine	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	57.5	1	06/21/12 00:00	06/25/12 15:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	11.5	1	06/21/12 00:00	06/25/12 15:03	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%	36-120	1	06/21/12 00:00	06/25/12 15:03	4165-60-0	
2-Fluorobiphenyl (S)	81	%	39-120	1	06/21/12 00:00	06/25/12 15:03	321-60-8	
Terphenyl-d14 (S)	86	%	30-120	1	06/21/12 00:00	06/25/12 15:03	1718-51-0	
Phenol-d6 (S)	31	%	10-120	1	06/21/12 00:00	06/25/12 15:03	13127-88-3	
2-Fluorophenol (S)	50	%	12-120	1	06/21/12 00:00	06/25/12 15:03	367-12-4	
2,4,6-Tribromophenol (S)	90	%	45-112	1	06/21/12 00:00	06/25/12 15:03	118-79-6	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-2 **Lab ID: 60123718004** Collected: 06/20/12 12:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	1000	100		06/29/12 10:31	67-64-1	
Benzene	**11600**	ug/L	100	100		06/29/12 10:31	71-43-2	
Bromobenzene	ND	ug/L	100	100		06/29/12 10:31	108-86-1	
Bromochloromethane	ND	ug/L	100	100		06/29/12 10:31	74-97-5	
Bromodichloromethane	ND	ug/L	100	100		06/29/12 10:31	75-27-4	
Bromoform	ND	ug/L	100	100		06/29/12 10:31	75-25-2	
Bromomethane	ND	ug/L	500	100		06/29/12 10:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	1000	100		06/29/12 10:31	78-93-3	
n-Butylbenzene	ND	ug/L	100	100		06/29/12 10:31	104-51-8	
sec-Butylbenzene	ND	ug/L	100	100		06/29/12 10:31	135-98-8	
tert-Butylbenzene	ND	ug/L	100	100		06/29/12 10:31	98-06-6	
Carbon disulfide	ND	ug/L	500	100		06/29/12 10:31	75-15-0	
Carbon tetrachloride	ND	ug/L	100	100		06/29/12 10:31	56-23-5	
Chlorobenzene	ND	ug/L	100	100		06/29/12 10:31	108-90-7	
Chloroethane	ND	ug/L	100	100		06/29/12 10:31	75-00-3	
Chloroform	ND	ug/L	100	100		06/29/12 10:31	67-66-3	
Chloromethane	ND	ug/L	100	100		06/29/12 10:31	74-87-3	
2-Chlorotoluene	ND	ug/L	100	100		06/29/12 10:31	95-49-8	
4-Chlorotoluene	ND	ug/L	100	100		06/29/12 10:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	250	100		06/29/12 10:31	96-12-8	
Dibromochloromethane	ND	ug/L	100	100		06/29/12 10:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	100		06/29/12 10:31	106-93-4	
Dibromomethane	ND	ug/L	100	100		06/29/12 10:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	100	100		06/29/12 10:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	100	100		06/29/12 10:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	100		06/29/12 10:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	100	100		06/29/12 10:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	100		06/29/12 10:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	100		06/29/12 10:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	100	100		06/29/12 10:31	540-59-0	
1,1-Dichloroethene	ND	ug/L	100	100		06/29/12 10:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	100	100		06/29/12 10:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	100		06/29/12 10:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	100		06/29/12 10:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	100	100		06/29/12 10:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	100	100		06/29/12 10:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	100	100		06/29/12 10:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	100	100		06/29/12 10:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	100		06/29/12 10:31	10061-02-6	
Ethylbenzene	**134**	ug/L	100	100		06/29/12 10:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	100	100		06/29/12 10:31	87-68-3	
2-Hexanone	ND	ug/L	1000	100		06/29/12 10:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	100	100		06/29/12 10:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	100	100		06/29/12 10:31	99-87-6	
Methylene chloride	ND	ug/L	100	100		06/29/12 10:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		06/29/12 10:31	108-10-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-WMW-2 **Lab ID: 60123718004** Collected: 06/20/12 12:40 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	100	100		06/29/12 10:31	1634-04-4	
Naphthalene	ND	ug/L	1000	100		06/29/12 10:31	91-20-3	
n-Propylbenzene	ND	ug/L	100	100		06/29/12 10:31	103-65-1	
Styrene	ND	ug/L	100	100		06/29/12 10:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	100	100		06/29/12 10:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		06/29/12 10:31	79-34-5	
Tetrachloroethene	ND	ug/L	100	100		06/29/12 10:31	127-18-4	
Toluene	**247**	ug/L	100	100		06/29/12 10:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	100		06/29/12 10:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	100		06/29/12 10:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	100		06/29/12 10:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		06/29/12 10:31	79-00-5	
Trichloroethene	ND	ug/L	100	100		06/29/12 10:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	100		06/29/12 10:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	250	100		06/29/12 10:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	100	100		06/29/12 10:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	100	100		06/29/12 10:31	108-67-8	
Vinyl chloride	ND	ug/L	100	100		06/29/12 10:31	75-01-4	
Xylene (Total)	**376**	ug/L	300	100		06/29/12 10:31	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	98	%	80-120	100		06/29/12 10:31	460-00-4	
Dibromofluoromethane (S)	98	%	80-120	100		06/29/12 10:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	80-120	100		06/29/12 10:31	17060-07-0	
Toluene-d8 (S)	97	%	80-120	100		06/29/12 10:31	2037-26-5	
Preservation pH	**1.0**		0.10	100		06/29/12 10:31		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**657**	mg/L	20.0	1		06/28/12 11:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**2660**	mg/L	5.0	1		06/27/12 10:27		
9040 pH	Analytical Method: EPA 9040							
pH	**8.6**	Std. Units	0.10	1		06/25/12 14:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**543**	mg/L	50.0	50		07/02/12 19:45	16887-00-6	
Sulfate	**5.5**	mg/L	1.0	1		07/02/12 20:03	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/21/12 19:43		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-062012-CM-DUP **Lab ID: 60123718005** Collected: 06/20/12 12:30 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	**14900**	ug/L	100	100		06/29/12 10:47	71-43-2	
Ethylbenzene	**146**	ug/L	100	100		06/29/12 10:47	100-41-4	
Toluene	**319**	ug/L	100	100		06/29/12 10:47	108-88-3	
Xylene (Total)	**452**	ug/L	300	100		06/29/12 10:47	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%	80-120	100		06/29/12 10:47	460-00-4	
Dibromofluoromethane (S)	96	%	80-120	100		06/29/12 10:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	80-120	100		06/29/12 10:47	17060-07-0	
Toluene-d8 (S)	102	%	80-120	100		06/29/12 10:47	2037-26-5	
Preservation pH	**1.0**		0.10	100		06/29/12 10:47		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: WC-075006-062012-CM-DRUM **Lab ID: 60123718006** Collected: 06/20/12 13:25 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 06/28/12 00:00							
Benzene	**481**	ug/L	50.0	1		07/03/12 10:33	71-43-2	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	80-120	1		07/03/12 10:33	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		07/03/12 10:33	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		07/03/12 10:33	460-00-4	
Dibromofluoromethane (S)	103	%	80-120	1		07/03/12 10:33	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010							
Flashpoint	**>210**	deg F	78.0	1		06/28/12 09:00		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Modified							
Sulfide, Reactive	ND	mg/L	10.0	1		06/25/12 11:45		
9040 pH	Analytical Method: EPA 9040							
pH	**9.2**	Std. Units	0.10	1		06/25/12 14:30		H6
733C Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Modified							
Cyanide, Reactive	ND	mg/L	0.0050	1		06/25/12 11:48		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: TB-075006-062012-CM-001 **Lab ID: 60123718007** Collected: 06/20/12 14:45 Received: 06/21/12 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	ND	ug/L	1.0	1		06/29/12 09:59	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/29/12 09:59	100-41-4	
Toluene	ND	ug/L	1.0	1		06/29/12 09:59	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/29/12 09:59	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		06/29/12 09:59	460-00-4	
Dibromofluoromethane (S)	96	%	80-120	1		06/29/12 09:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	80-120	1		06/29/12 09:59	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		06/29/12 09:59	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/29/12 09:59		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-8 **Lab ID: 60123546001** Collected: 06/18/12 11:20 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:08	7440-38-2	
Barium, Dissolved	**178**	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:08	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:08	7440-43-9	
Calcium, Dissolved	**36000**	ug/L	100	1	06/22/12 15:55	06/25/12 13:08	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:08	7440-47-3	
Lead, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:08	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	06/22/12 15:55	06/25/12 13:08	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	06/22/12 15:55	06/25/12 13:08	7440-22-4	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**10.6**	ug/L	0.50	1	06/26/12 11:55	06/29/12 12:54	7440-61-1	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/25/12 14:40	06/27/12 16:25	7439-97-6	M1
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	208-96-8	
Anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	207-08-9	
Benzoic acid	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 14:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	85-68-7	
Carbazole	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 14:59	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 14:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	7005-72-3	
Chrysene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 14:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	120-83-2	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-8 **Lab ID: 60123546001** Collected: 06/18/12 11:20 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Diethylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	206-44-0	
Fluorene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	193-39-5	
Isophorone	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59		
Naphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	85-01-8	
Phenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	108-95-2	
Pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	129-00-0	
Pyridine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 14:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 14:59	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	36-120	1	06/19/12 00:00	06/21/12 14:59	4165-60-0	
2-Fluorobiphenyl (S)	80	%	39-120	1	06/19/12 00:00	06/21/12 14:59	321-60-8	
Terphenyl-d14 (S)	85	%	30-120	1	06/19/12 00:00	06/21/12 14:59	1718-51-0	
Phenol-d6 (S)	32	%	10-120	1	06/19/12 00:00	06/21/12 14:59	13127-88-3	
2-Fluorophenol (S)	50	%	12-120	1	06/19/12 00:00	06/21/12 14:59	367-12-4	
2,4,6-Tribromophenol (S)	85	%	45-112	1	06/19/12 00:00	06/21/12 14:59	118-79-6	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-8 **Lab ID: 60123546001** Collected: 06/18/12 11:20 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 13:08	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 13:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 13:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 13:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 13:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 13:08	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/27/12 13:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 13:08	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:08	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:08	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:08	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 13:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 13:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 13:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 13:08	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 13:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 13:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 13:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 13:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 13:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 13:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 13:08	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 13:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 13:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 13:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 13:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 13:08	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 13:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 13:08	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 13:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 13:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 13:08	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 13:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 13:08	108-10-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-8 **Lab ID: 60123546001** Collected: 06/18/12 11:20 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 13:08	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 13:08	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 13:08	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 13:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 13:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 13:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 13:08	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 13:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 13:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 13:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 13:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 13:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 13:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 13:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 13:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 13:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 13:08	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101	%	80-120	1		06/27/12 13:08	460-00-4	
Dibromofluoromethane (S)	95	%	80-120	1		06/27/12 13:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	80-120	1		06/27/12 13:08	17060-07-0	
Toluene-d8 (S)	103	%	80-120	1		06/27/12 13:08	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 13:08		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**452**	mg/L	20.0	1		06/27/12 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**665**	mg/L	5.0	1		06/25/12 09:33		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.8**	Std. Units	0.10	1		06/19/12 15:20		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**21.7**	mg/L	2.0	2		06/28/12 00:35	16887-00-6	
Sulfate	**143**	mg/L	20.0	20		06/28/12 00:51	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/19/12 18:07		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-7 **Lab ID: 60123546002** Collected: 06/18/12 12:55 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:11	7440-38-2	
Barium, Dissolved	**32.5**	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:11	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:11	7440-43-9	
Calcium, Dissolved	**36300**	ug/L	100	1	06/22/12 15:55	06/25/12 13:11	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:11	7440-47-3	
Lead, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:11	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	06/22/12 15:55	06/25/12 13:11	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	06/22/12 15:55	06/25/12 13:11	7440-22-4	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**15.2**	ug/L	0.50	1	06/26/12 11:55	06/29/12 12:59	7440-61-1	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/25/12 14:40	06/27/12 16:31	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	208-96-8	
Anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	207-08-9	
Benzoic acid	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	85-68-7	
Carbazole	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	7005-72-3	
Chrysene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	120-83-2	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-7 **Lab ID: 60123546002** Collected: 06/18/12 12:55 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Diethylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	206-44-0	
Fluorene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	193-39-5	
Isophorone	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20		
Naphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	85-01-8	
Phenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	108-95-2	
Pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	129-00-0	
Pyridine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:20	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%	36-120	1	06/19/12 00:00	06/21/12 15:20	4165-60-0	
2-Fluorobiphenyl (S)	79	%	39-120	1	06/19/12 00:00	06/21/12 15:20	321-60-8	
Terphenyl-d14 (S)	81	%	30-120	1	06/19/12 00:00	06/21/12 15:20	1718-51-0	
Phenol-d6 (S)	27	%	10-120	1	06/19/12 00:00	06/21/12 15:20	13127-88-3	
2-Fluorophenol (S)	42	%	12-120	1	06/19/12 00:00	06/21/12 15:20	367-12-4	
2,4,6-Tribromophenol (S)	78	%	45-112	1	06/19/12 00:00	06/21/12 15:20	118-79-6	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-7 **Lab ID: 60123546002** Collected: 06/18/12 12:55 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 13:23	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 13:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 13:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 13:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 13:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 13:23	75-25-2	
Bromomethane	**1.0**	ug/L	1.0	1		06/27/12 13:23	74-83-9	B
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 13:23	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:23	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:23	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:23	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 13:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 13:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 13:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 13:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 13:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 13:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 13:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 13:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 13:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 13:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 13:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 13:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 13:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 13:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 13:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 13:23	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 13:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 13:23	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 13:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 13:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 13:23	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 13:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 13:23	108-10-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-7 **Lab ID: 60123546002** Collected: 06/18/12 12:55 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 13:23	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 13:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 13:23	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 13:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 13:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 13:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 13:23	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 13:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 13:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 13:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 13:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 13:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 13:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 13:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 13:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 13:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 13:23	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	97	%	80-120	1		06/27/12 13:23	460-00-4	
Dibromofluoromethane (S)	91	%	80-120	1		06/27/12 13:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	80-120	1		06/27/12 13:23	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		06/27/12 13:23	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 13:23		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**559**	mg/L	20.0	1		06/27/12 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**1190**	mg/L	5.0	1		06/25/12 09:34		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.6**	Std. Units	0.10	1		06/19/12 15:20		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**80.4**	mg/L	10.0	10		06/28/12 01:06	16887-00-6	
Sulfate	**385**	mg/L	50.0	50		06/28/12 01:22	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/19/12 18:09		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-6 **Lab ID: 60123546003** Collected: 06/18/12 14:35 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	ND	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:15	7440-38-2	
Barium, Dissolved	**35.2**	ug/L	10.0	1	06/22/12 15:55	06/25/12 13:15	7440-39-3	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:15	7440-43-9	
Calcium, Dissolved	**33800**	ug/L	100	1	06/22/12 15:55	06/25/12 13:15	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:15	7440-47-3	
Lead, Dissolved	ND	ug/L	5.0	1	06/22/12 15:55	06/25/12 13:15	7439-92-1	
Selenium, Dissolved	ND	ug/L	15.0	1	06/22/12 15:55	06/25/12 13:15	7782-49-2	
Silver, Dissolved	ND	ug/L	7.0	1	06/22/12 15:55	06/25/12 13:15	7440-22-4	
6020 MET ICPMS	Analytical Method: EPA 6020							
Uranium-238	**10.9**	ug/L	2.5	5	06/26/12 12:20	07/06/12 14:20	7440-61-1	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/25/12 14:40	06/27/12 16:33	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	208-96-8	
Anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	207-08-9	
Benzoic acid	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	85-68-7	
Carbazole	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:40	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	39638-32-9	
2-Chloronaphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	7005-72-3	
Chrysene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	06/19/12 00:00	06/21/12 15:40	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	120-83-2	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-6 **Lab ID: 60123546003** Collected: 06/18/12 14:35 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Diethylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	206-44-0	
Fluorene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	193-39-5	
Isophorone	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40		
Naphthalene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	86-30-6	
Pentachlorophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	85-01-8	
Phenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	108-95-2	
Pyrene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	129-00-0	
Pyridine	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/19/12 00:00	06/21/12 15:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	06/19/12 00:00	06/21/12 15:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	80	%	36-120	1	06/19/12 00:00	06/21/12 15:40	4165-60-0	
2-Fluorobiphenyl (S)	81	%	39-120	1	06/19/12 00:00	06/21/12 15:40	321-60-8	
Terphenyl-d14 (S)	81	%	30-120	1	06/19/12 00:00	06/21/12 15:40	1718-51-0	
Phenol-d6 (S)	30	%	10-120	1	06/19/12 00:00	06/21/12 15:40	13127-88-3	
2-Fluorophenol (S)	49	%	12-120	1	06/19/12 00:00	06/21/12 15:40	367-12-4	
2,4,6-Tribromophenol (S)	81	%	45-112	1	06/19/12 00:00	06/21/12 15:40	118-79-6	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-6 **Lab ID: 60123546003** Collected: 06/18/12 14:35 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		06/27/12 13:37	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/12 13:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/12 13:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/12 13:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/12 13:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/12 13:37	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/27/12 13:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/27/12 13:37	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:37	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:37	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/27/12 13:37	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		06/27/12 13:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/12 13:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/12 13:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/12 13:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/27/12 13:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/12 13:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 13:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/12 13:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		06/27/12 13:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/12 13:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/12 13:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/12 13:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/12 13:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/12 13:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/12 13:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		06/27/12 13:37	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/12 13:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/12 13:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/12 13:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 13:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/12 13:37	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/27/12 13:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/27/12 13:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/12 13:37	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		06/27/12 13:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/27/12 13:37	108-10-1	

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: GW-075006-061812-CM-WMW-6 **Lab ID: 60123546003** Collected: 06/18/12 14:35 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/12 13:37	1634-04-4	
Naphthalene	ND	ug/L	10.0	1		06/27/12 13:37	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/27/12 13:37	103-65-1	
Styrene	ND	ug/L	1.0	1		06/27/12 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/12 13:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/12 13:37	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/12 13:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/12 13:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/12 13:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/12 13:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/12 13:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/12 13:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		06/27/12 13:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 13:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/27/12 13:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/27/12 13:37	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 13:37	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		06/27/12 13:37	460-00-4	
Dibromofluoromethane (S)	96	%	80-120	1		06/27/12 13:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	80-120	1		06/27/12 13:37	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		06/27/12 13:37	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 13:37		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**458**	mg/L	20.0	1		06/27/12 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**946**	mg/L	5.0	1		06/25/12 09:34		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.6**	Std. Units	0.10	1		06/19/12 15:20		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**62.8**	mg/L	10.0	10		06/28/12 01:37	16887-00-6	
Sulfate	**314**	mg/L	50.0	50		06/28/12 02:23	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		06/19/12 18:12		

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ANALYTICAL RESULTS

Project: WINGATE 075006
Pace Project No.: 60123718

Sample: TB-075006-061812-CM-001 **Lab ID: 60123546004** Collected: 06/18/12 00:00 Received: 06/19/12 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	ND	ug/L	1.0	1		06/27/12 13:51	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/27/12 13:51	100-41-4	
Toluene	ND	ug/L	1.0	1		06/27/12 13:51	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/27/12 13:51	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		06/27/12 13:51	460-00-4	
Dibromofluoromethane (S)	97	%	80-120	1		06/27/12 13:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	80-120	1		06/27/12 13:51	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		06/27/12 13:51	2037-26-5	
Preservation pH	**1.0**		0.10	1		06/27/12 13:51		

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: ICPM/33153 Analysis Method: EPA 6020
QC Batch Method: EPA 6020 Analysis Description: 6020 MET
Associated Lab Samples: 60123546003

METHOD BLANK: 1223999 Matrix: Water
Associated Lab Samples: 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Uranium-238	ug/L	ND	0.50	07/06/12 12:20	

LABORATORY CONTROL SAMPLE: 1224000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	80	75.6	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1224001 1224002

Parameter	Units	60123546003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Uranium-238	ug/L	10.9	80	80	86.4	88.7	94	97	75-125	3	20	

MATRIX SPIKE SAMPLE: 1224003

Parameter	Units	60123648001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	18.0	80	106	110	75-125	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: ICPM/33154 Analysis Method: EPA 6020
QC Batch Method: EPA 6020 Analysis Description: 6020 MET
Associated Lab Samples: 60123546001, 60123546002

METHOD BLANK: 1224004 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Uranium-238	ug/L	ND	0.50	06/29/12 03:44	

LABORATORY CONTROL SAMPLE: 1224005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	80	73.7	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1224006 1224007

Parameter	Units	60123648003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Uranium-238	ug/L	0.90	80	80	73.4	73.9	91	91	75-125	.8	20	

MATRIX SPIKE SAMPLE: 1224008

Parameter	Units	10196284004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	1.4	80	76.3	94	75-125	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: ICPM/33215 Analysis Method: EPA 6020
QC Batch Method: EPA 6020 Analysis Description: 6020 MET
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

METHOD BLANK: 1225582 Matrix: Water
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Uranium-238	ug/L	ND	0.50	07/06/12 19:35	

LABORATORY CONTROL SAMPLE: 1225583

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	80	76.3	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1225584 1225585

Parameter	Units	92121813027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Uranium-238	ug/L	ND	80	80	74.2	74.2	93	93	75-125	.07	20	

MATRIX SPIKE SAMPLE: 1225586

Parameter	Units	92121815002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Uranium-238	ug/L	2.0	80	41.9	50	75-125	M1

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: MERP/6395 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 60123546001, 60123546002, 60123546003, 60123718001, 60123718002, 60123718003, 60123718004

METHOD BLANK: 1019597 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003, 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	06/27/12 16:20	

LABORATORY CONTROL SAMPLE: 1019598

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.5	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1019599 1019600

Parameter	Units	60123546001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	3.7	4.4	73	86	75-125	16	20	M1

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: MPRP/18507 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

METHOD BLANK: 1020168 Matrix: Water
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	06/27/12 19:28	
Barium	ug/L	ND	10.0	06/27/12 19:28	
Cadmium	ug/L	ND	5.0	06/27/12 19:28	
Calcium	ug/L	ND	100	06/27/12 19:28	
Chromium	ug/L	ND	5.0	06/27/12 19:28	
Lead	ug/L	ND	5.0	06/27/12 19:28	
Selenium	ug/L	ND	15.0	06/27/12 19:28	
Silver	ug/L	ND	7.0	06/27/12 19:28	
Sodium	ug/L	ND	500	06/28/12 10:58	

LABORATORY CONTROL SAMPLE: 1020169

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	972	97	80-120	
Barium	ug/L	1000	976	98	80-120	
Cadmium	ug/L	1000	989	99	80-120	
Calcium	ug/L	10000	9450	94	80-120	
Chromium	ug/L	1000	946	95	80-120	
Lead	ug/L	1000	1020	102	80-120	
Selenium	ug/L	1000	996	100	80-120	
Silver	ug/L	500	483	97	80-120	
Sodium	ug/L	10000	9600	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1020170 1020171

Parameter	Units	60123612001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	<4.6	1000	1000	995	1000	99	100	75-125	1	20	
Barium	ug/L	55.3	1000	1000	1030	1030	97	98	75-125	0	20	
Cadmium	ug/L	<0.39	1000	1000	988	994	99	99	75-125	1	20	
Calcium	ug/L	11200	10000	10000	20600	20900	94	97	75-125	1	20	
Chromium	ug/L	<0.69	1000	1000	942	940	94	94	75-125	0	20	
Lead	ug/L	<2.4	1000	1000	971	976	97	97	75-125	0	20	
Selenium	ug/L	<2.7	1000	1000	1010	1010	101	101	75-125	1	20	
Silver	ug/L	<1.3	500	500	490	489	98	98	75-125	0	20	
Sodium	ug/L	183000	10000	10000	193000	194000	105	113	75-125	0	20	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: MPRP/18469 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 60123546001, 60123546002, 60123546003

METHOD BLANK: 1018637 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	ND	10.0	06/25/12 13:04	
Barium, Dissolved	ug/L	ND	10.0	06/25/12 13:04	
Cadmium, Dissolved	ug/L	ND	5.0	06/25/12 13:04	
Calcium, Dissolved	ug/L	ND	100	06/25/12 16:31	
Chromium, Dissolved	ug/L	ND	5.0	06/25/12 13:04	
Lead, Dissolved	ug/L	ND	5.0	06/25/12 13:04	
Selenium, Dissolved	ug/L	ND	15.0	06/25/12 13:04	
Silver, Dissolved	ug/L	ND	7.0	06/25/12 13:04	

LABORATORY CONTROL SAMPLE: 1018638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	1000	989	99	80-120	
Barium, Dissolved	ug/L	1000	956	96	80-120	
Cadmium, Dissolved	ug/L	1000	1000	100	80-120	
Calcium, Dissolved	ug/L	10000	10000	100	80-120	
Chromium, Dissolved	ug/L	1000	1010	101	80-120	
Lead, Dissolved	ug/L	1000	1040	104	80-120	
Selenium, Dissolved	ug/L	1000	999	100	80-120	
Silver, Dissolved	ug/L	500	496	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1018639 1018640

Parameter	Units	60123648001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	ND	1000	1000	1060	1060	106	106	75-125	0	20	
Barium, Dissolved	ug/L	241	1000	1000	1220	1210	98	97	75-125	1	20	
Cadmium, Dissolved	ug/L	ND	1000	1000	1040	1030	104	103	75-125	0	20	
Calcium, Dissolved	ug/L	13800	10000	10000	23000	22900	92	92	75-125	0	20	
Chromium, Dissolved	ug/L	ND	1000	1000	1000	1010	100	101	75-125	0	20	
Lead, Dissolved	ug/L	ND	1000	1000	995	987	100	99	75-125	1	20	
Selenium, Dissolved	ug/L	ND	1000	1000	1050	1040	105	104	75-125	1	20	
Silver, Dissolved	ug/L	ND	500	500	525	522	105	104	75-125	1	20	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: MSV/46789
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60123718006

METHOD BLANK: 1023860 Matrix: Water
Associated Lab Samples: 60123718006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	50.0	07/03/12 10:18	
1,2-Dichloroethane-d4 (S)	%	101	80-120	07/03/12 10:18	
4-Bromofluorobenzene (S)	%	101	80-120	07/03/12 10:18	
Dibromofluoromethane (S)	%	100	80-120	07/03/12 10:18	
Toluene-d8 (S)	%	101	80-120	07/03/12 10:18	

LABORATORY CONTROL SAMPLE: 1023861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	200	208	104	74-123	
1,2-Dichloroethane-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			104	80-120	
Dibromofluoromethane (S)	%			100	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1023862

Parameter	Units	60123718006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	481	200	641	80	40-155	
1,2-Dichloroethane-d4 (S)	%				98	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Dibromofluoromethane (S)	%				99	80-120	
Toluene-d8 (S)	%				99	80-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: MSV/46657 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 60123546001, 60123546002, 60123546003, 60123546004

METHOD BLANK: 1020540 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003, 60123546004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/27/12 09:47	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/27/12 09:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/27/12 09:47	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/27/12 09:47	
1,1-Dichloroethane	ug/L	ND	1.0	06/27/12 09:47	
1,1-Dichloroethene	ug/L	ND	1.0	06/27/12 09:47	
1,1-Dichloropropene	ug/L	ND	1.0	06/27/12 09:47	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/27/12 09:47	
1,2,3-Trichloropropane	ug/L	ND	2.5	06/27/12 09:47	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/27/12 09:47	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/27/12 09:47	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	06/27/12 09:47	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/27/12 09:47	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/27/12 09:47	
1,2-Dichloroethane	ug/L	ND	1.0	06/27/12 09:47	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	06/27/12 09:47	
1,2-Dichloropropane	ug/L	ND	1.0	06/27/12 09:47	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/27/12 09:47	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/27/12 09:47	
1,3-Dichloropropane	ug/L	ND	1.0	06/27/12 09:47	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/27/12 09:47	
2,2-Dichloropropane	ug/L	ND	1.0	06/27/12 09:47	
2-Butanone (MEK)	ug/L	ND	10.0	06/27/12 09:47	
2-Chlorotoluene	ug/L	ND	1.0	06/27/12 09:47	
2-Hexanone	ug/L	ND	10.0	06/27/12 09:47	
4-Chlorotoluene	ug/L	ND	1.0	06/27/12 09:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/27/12 09:47	
Acetone	ug/L	ND	10.0	06/27/12 09:47	
Benzene	ug/L	ND	1.0	06/27/12 09:47	
Bromobenzene	ug/L	ND	1.0	06/27/12 09:47	
Bromochloromethane	ug/L	ND	1.0	06/27/12 09:47	
Bromodichloromethane	ug/L	ND	1.0	06/27/12 09:47	
Bromoform	ug/L	ND	1.0	06/27/12 09:47	
Bromomethane	ug/L	1.9	1.0	06/27/12 09:47	
Carbon disulfide	ug/L	ND	5.0	06/27/12 09:47	
Carbon tetrachloride	ug/L	ND	1.0	06/27/12 09:47	
Chlorobenzene	ug/L	ND	1.0	06/27/12 09:47	
Chloroethane	ug/L	ND	1.0	06/27/12 09:47	
Chloroform	ug/L	ND	1.0	06/27/12 09:47	
Chloromethane	ug/L	ND	1.0	06/27/12 09:47	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/27/12 09:47	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/27/12 09:47	
Dibromochloromethane	ug/L	ND	1.0	06/27/12 09:47	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

METHOD BLANK: 1020540 Matrix: Water

Associated Lab Samples: 60123546001, 60123546002, 60123546003, 60123546004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/27/12 09:47	
Dichlorodifluoromethane	ug/L	ND	1.0	06/27/12 09:47	
Ethylbenzene	ug/L	ND	1.0	06/27/12 09:47	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/27/12 09:47	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/27/12 09:47	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/27/12 09:47	
Methylene chloride	ug/L	ND	1.0	06/27/12 09:47	
n-Butylbenzene	ug/L	ND	1.0	06/27/12 09:47	
n-Propylbenzene	ug/L	ND	1.0	06/27/12 09:47	
Naphthalene	ug/L	ND	10.0	06/27/12 09:47	
p-Isopropyltoluene	ug/L	ND	1.0	06/27/12 09:47	
sec-Butylbenzene	ug/L	ND	1.0	06/27/12 09:47	
Styrene	ug/L	ND	1.0	06/27/12 09:47	
tert-Butylbenzene	ug/L	ND	1.0	06/27/12 09:47	
Tetrachloroethene	ug/L	ND	1.0	06/27/12 09:47	
Toluene	ug/L	ND	1.0	06/27/12 09:47	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/27/12 09:47	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/27/12 09:47	
Trichloroethene	ug/L	ND	1.0	06/27/12 09:47	
Trichlorofluoromethane	ug/L	ND	1.0	06/27/12 09:47	
Vinyl chloride	ug/L	ND	1.0	06/27/12 09:47	
Xylene (Total)	ug/L	ND	3.0	06/27/12 09:47	
1,2-Dichloroethane-d4 (S)	%	98	80-120	06/27/12 09:47	
4-Bromofluorobenzene (S)	%	100	80-120	06/27/12 09:47	
Dibromofluoromethane (S)	%	95	80-120	06/27/12 09:47	
Toluene-d8 (S)	%	105	80-120	06/27/12 09:47	

LABORATORY CONTROL SAMPLE: 1020541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	17.5	87	79-121	
1,1,1-Trichloroethane	ug/L	20	18.9	94	76-120	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	71-121	
1,1,2-Trichloroethane	ug/L	20	17.9	89	78-120	
1,1-Dichloroethane	ug/L	20	16.8	84	74-120	
1,1-Dichloroethene	ug/L	20	17.6	88	68-120	
1,1-Dichloropropene	ug/L	20	18.9	94	78-120	
1,2,3-Trichlorobenzene	ug/L	20	19.8	99	70-129	
1,2,3-Trichloropropane	ug/L	20	20.2	101	74-121	
1,2,4-Trichlorobenzene	ug/L	20	20.5	102	76-123	
1,2,4-Trimethylbenzene	ug/L	20	19.1	95	76-121	
1,2-Dibromo-3-chloropropane	ug/L	20	22.6	113	65-124	
1,2-Dibromoethane (EDB)	ug/L	20	17.9	90	76-125	
1,2-Dichlorobenzene	ug/L	20	19.2	96	80-120	
1,2-Dichloroethane	ug/L	20	18.4	92	72-123	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1020541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	35.0	87	78-120	
1,2-Dichloropropane	ug/L	20	18.9	95	78-120	
1,3,5-Trimethylbenzene	ug/L	20	19.1	96	75-120	
1,3-Dichlorobenzene	ug/L	20	18.5	93	79-120	
1,3-Dichloropropane	ug/L	20	18.6	93	75-120	
1,4-Dichlorobenzene	ug/L	20	19.3	96	80-120	
2,2-Dichloropropane	ug/L	20	20.3	102	54-132	
2-Butanone (MEK)	ug/L	100	104	104	40-160	
2-Chlorotoluene	ug/L	20	18.7	94	78-120	
2-Hexanone	ug/L	100	96.9	97	40-160	
4-Chlorotoluene	ug/L	20	18.8	94	79-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.1	96	65-126	
Acetone	ug/L	100	94.5	94	40-160	
Benzene	ug/L	20	18.7	93	74-123	
Bromobenzene	ug/L	20	18.6	93	79-120	
Bromochloromethane	ug/L	20	18.3	92	75-120	
Bromodichloromethane	ug/L	20	17.4	87	74-120	
Bromoform	ug/L	20	17.2	86	70-123	
Bromomethane	ug/L	20	18.9	95	40-158	
Carbon disulfide	ug/L	20	16.3	81	67-135	
Carbon tetrachloride	ug/L	20	17.4	87	74-126	
Chlorobenzene	ug/L	20	17.7	88	80-120	
Chloroethane	ug/L	20	20.6	103	60-144	
Chloroform	ug/L	20	17.5	88	77-120	
Chloromethane	ug/L	20	18.7	94	40-142	
cis-1,2-Dichloroethene	ug/L	20	16.5	82	70-120	
cis-1,3-Dichloropropene	ug/L	20	19.2	96	73-121	
Dibromochloromethane	ug/L	20	18.2	91	77-122	
Dibromomethane	ug/L	20	18.4	92	76-120	
Dichlorodifluoromethane	ug/L	20	17.6	88	40-160	
Ethylbenzene	ug/L	20	18.9	94	76-123	
Hexachloro-1,3-butadiene	ug/L	20	18.5	92	72-124	
Isopropylbenzene (Cumene)	ug/L	20	18.8	94	80-126	
Methyl-tert-butyl ether	ug/L	20	17.6	88	67-125	
Methylene chloride	ug/L	20	18.1	91	72-127	
n-Butylbenzene	ug/L	20	19.0	95	76-125	
n-Propylbenzene	ug/L	20	19.2	96	77-120	
Naphthalene	ug/L	20	19.6	98	63-128	
p-Isopropyltoluene	ug/L	20	19.2	96	77-121	
sec-Butylbenzene	ug/L	20	19.6	98	77-122	
Styrene	ug/L	20	17.5	88	79-120	
tert-Butylbenzene	ug/L	20	18.7	93	75-124	
Tetrachloroethene	ug/L	20	17.9	89	78-121	
Toluene	ug/L	20	18.2	91	75-123	
trans-1,2-Dichloroethene	ug/L	20	18.5	93	80-129	
trans-1,3-Dichloropropene	ug/L	20	18.6	93	77-122	
Trichloroethene	ug/L	20	17.1	85	74-120	
Trichlorofluoromethane	ug/L	20	17.9	90	69-122	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1020541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	20	18.9	94	50-140	
Xylene (Total)	ug/L	60	55.4	92	76-123	
1,2-Dichloroethane-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			95	80-120	
Dibromofluoromethane (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: MSV/46683 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 60123718001, 60123718002, 60123718003

METHOD BLANK: 1021278 Matrix: Water
Associated Lab Samples: 60123718001, 60123718002, 60123718003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/28/12 09:59	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/28/12 09:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/28/12 09:59	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/28/12 09:59	
1,1-Dichloroethane	ug/L	ND	1.0	06/28/12 09:59	
1,1-Dichloroethene	ug/L	ND	1.0	06/28/12 09:59	
1,1-Dichloropropene	ug/L	ND	1.0	06/28/12 09:59	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/28/12 09:59	
1,2,3-Trichloropropane	ug/L	ND	2.5	06/28/12 09:59	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/28/12 09:59	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/28/12 09:59	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	06/28/12 09:59	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/28/12 09:59	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/28/12 09:59	
1,2-Dichloroethane	ug/L	ND	1.0	06/28/12 09:59	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	06/28/12 09:59	
1,2-Dichloropropane	ug/L	ND	1.0	06/28/12 09:59	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/28/12 09:59	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/28/12 09:59	
1,3-Dichloropropane	ug/L	ND	1.0	06/28/12 09:59	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/28/12 09:59	
2,2-Dichloropropane	ug/L	ND	1.0	06/28/12 09:59	
2-Butanone (MEK)	ug/L	ND	10.0	06/28/12 09:59	
2-Chlorotoluene	ug/L	ND	1.0	06/28/12 09:59	
2-Hexanone	ug/L	ND	10.0	06/28/12 09:59	
4-Chlorotoluene	ug/L	ND	1.0	06/28/12 09:59	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/28/12 09:59	
Acetone	ug/L	ND	10.0	06/28/12 09:59	
Benzene	ug/L	ND	1.0	06/28/12 09:59	
Bromobenzene	ug/L	ND	1.0	06/28/12 09:59	
Bromochloromethane	ug/L	ND	1.0	06/28/12 09:59	
Bromodichloromethane	ug/L	ND	1.0	06/28/12 09:59	
Bromoform	ug/L	ND	1.0	06/28/12 09:59	
Bromomethane	ug/L	ND	5.0	06/28/12 09:59	
Carbon disulfide	ug/L	ND	5.0	06/28/12 09:59	
Carbon tetrachloride	ug/L	ND	1.0	06/28/12 09:59	
Chlorobenzene	ug/L	ND	1.0	06/28/12 09:59	
Chloroethane	ug/L	ND	1.0	06/28/12 09:59	
Chloroform	ug/L	ND	1.0	06/28/12 09:59	
Chloromethane	ug/L	ND	1.0	06/28/12 09:59	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/28/12 09:59	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/28/12 09:59	
Dibromochloromethane	ug/L	ND	1.0	06/28/12 09:59	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

METHOD BLANK: 1021278 Matrix: Water

Associated Lab Samples: 60123718001, 60123718002, 60123718003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/28/12 09:59	
Dichlorodifluoromethane	ug/L	ND	1.0	06/28/12 09:59	
Ethylbenzene	ug/L	ND	1.0	06/28/12 09:59	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/28/12 09:59	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/28/12 09:59	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/28/12 09:59	
Methylene chloride	ug/L	ND	1.0	06/28/12 09:59	
n-Butylbenzene	ug/L	ND	1.0	06/28/12 09:59	
n-Propylbenzene	ug/L	ND	1.0	06/28/12 09:59	
Naphthalene	ug/L	ND	10.0	06/28/12 09:59	
p-Isopropyltoluene	ug/L	ND	1.0	06/28/12 09:59	
sec-Butylbenzene	ug/L	ND	1.0	06/28/12 09:59	
Styrene	ug/L	ND	1.0	06/28/12 09:59	
tert-Butylbenzene	ug/L	ND	1.0	06/28/12 09:59	
Tetrachloroethene	ug/L	ND	1.0	06/28/12 09:59	
Toluene	ug/L	ND	1.0	06/28/12 09:59	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/28/12 09:59	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/28/12 09:59	
Trichloroethene	ug/L	ND	1.0	06/28/12 09:59	
Trichlorofluoromethane	ug/L	ND	1.0	06/28/12 09:59	
Vinyl chloride	ug/L	ND	1.0	06/28/12 09:59	
Xylene (Total)	ug/L	ND	3.0	06/28/12 09:59	
1,2-Dichloroethane-d4 (S)	%	97	80-120	06/28/12 09:59	
4-Bromofluorobenzene (S)	%	95	80-120	06/28/12 09:59	
Dibromofluoromethane (S)	%	97	80-120	06/28/12 09:59	
Toluene-d8 (S)	%	98	80-120	06/28/12 09:59	

LABORATORY CONTROL SAMPLE: 1021279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.7	103	79-121	
1,1,1-Trichloroethane	ug/L	20	18.3	92	76-120	
1,1,2,2-Tetrachloroethane	ug/L	20	20.7	103	71-121	
1,1,2-Trichloroethane	ug/L	20	19.3	96	78-120	
1,1-Dichloroethane	ug/L	20	18.8	94	74-120	
1,1-Dichloroethene	ug/L	20	17.8	89	68-120	
1,1-Dichloropropene	ug/L	20	19.2	96	78-120	
1,2,3-Trichlorobenzene	ug/L	20	21.1	106	70-129	
1,2,3-Trichloropropane	ug/L	20	18.8	94	74-121	
1,2,4-Trichlorobenzene	ug/L	20	20.9	105	76-123	
1,2,4-Trimethylbenzene	ug/L	20	19.0	95	76-121	
1,2-Dibromo-3-chloropropane	ug/L	20	21.3	107	65-124	
1,2-Dibromoethane (EDB)	ug/L	20	20.6	103	76-125	
1,2-Dichlorobenzene	ug/L	20	19.4	97	80-120	
1,2-Dichloroethane	ug/L	20	20.5	103	72-123	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1021279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	38.2	95	78-120	
1,2-Dichloropropane	ug/L	20	20.4	102	78-120	
1,3,5-Trimethylbenzene	ug/L	20	18.1	91	75-120	
1,3-Dichlorobenzene	ug/L	20	19.6	98	79-120	
1,3-Dichloropropane	ug/L	20	20.1	101	75-120	
1,4-Dichlorobenzene	ug/L	20	19.7	99	80-120	
2,2-Dichloropropane	ug/L	20	18.6	93	54-132	
2-Butanone (MEK)	ug/L	100	109	109	40-160	
2-Chlorotoluene	ug/L	20	18.4	92	78-120	
2-Hexanone	ug/L	100	114	114	40-160	
4-Chlorotoluene	ug/L	20	19.5	98	79-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	109	109	65-126	
Acetone	ug/L	100	96.9	97	40-160	
Benzene	ug/L	20	19.5	97	74-123	
Bromobenzene	ug/L	20	19.1	96	79-120	
Bromochloromethane	ug/L	20	21.8	109	75-120	
Bromodichloromethane	ug/L	20	18.8	94	74-120	
Bromoform	ug/L	20	20.6	103	70-123	
Bromomethane	ug/L	20	15.0	75	40-158	
Carbon disulfide	ug/L	20	16.3	82	67-135	
Carbon tetrachloride	ug/L	20	18.6	93	74-126	
Chlorobenzene	ug/L	20	20.4	102	80-120	
Chloroethane	ug/L	20	19.3	97	60-144	
Chloroform	ug/L	20	19.4	97	77-120	
Chloromethane	ug/L	20	15.1	75	40-142	
cis-1,2-Dichloroethene	ug/L	20	18.0	90	70-120	
cis-1,3-Dichloropropene	ug/L	20	22.0	110	73-121	
Dibromochloromethane	ug/L	20	20.7	103	77-122	
Dibromomethane	ug/L	20	20.1	100	76-120	
Dichlorodifluoromethane	ug/L	20	14.8	74	40-160	
Ethylbenzene	ug/L	20	21.3	106	76-123	
Hexachloro-1,3-butadiene	ug/L	20	19.4	97	72-124	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	80-126	
Methyl-tert-butyl ether	ug/L	20	19.9	99	67-125	
Methylene chloride	ug/L	20	20.5	102	72-127	
n-Butylbenzene	ug/L	20	18.5	92	76-125	
n-Propylbenzene	ug/L	20	18.4	92	77-120	
Naphthalene	ug/L	20	20.5	102	63-128	
p-Isopropyltoluene	ug/L	20	18.8	94	77-121	
sec-Butylbenzene	ug/L	20	18.9	94	77-122	
Styrene	ug/L	20	20.4	102	79-120	
tert-Butylbenzene	ug/L	20	17.8	89	75-124	
Tetrachloroethene	ug/L	20	19.1	96	78-121	
Toluene	ug/L	20	21.6	108	75-123	
trans-1,2-Dichloroethene	ug/L	20	20.2	101	80-129	
trans-1,3-Dichloropropene	ug/L	20	19.8	99	77-122	
Trichloroethene	ug/L	20	20.2	101	74-120	
Trichlorofluoromethane	ug/L	20	18.0	90	69-122	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1021279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	20	17.2	86	50-140	
Xylene (Total)	ug/L	60	62.4	104	76-123	
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			91	80-120	
Dibromofluoromethane (S)	%			101	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: MSV/46717 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 60123718004, 60123718005, 60123718007

METHOD BLANK: 1022106 Matrix: Water
Associated Lab Samples: 60123718004, 60123718005, 60123718007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/29/12 09:43	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/29/12 09:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/29/12 09:43	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/29/12 09:43	
1,1-Dichloroethane	ug/L	ND	1.0	06/29/12 09:43	
1,1-Dichloroethene	ug/L	ND	1.0	06/29/12 09:43	
1,1-Dichloropropene	ug/L	ND	1.0	06/29/12 09:43	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/29/12 09:43	
1,2,3-Trichloropropane	ug/L	ND	2.5	06/29/12 09:43	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/29/12 09:43	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/29/12 09:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	06/29/12 09:43	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/29/12 09:43	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/29/12 09:43	
1,2-Dichloroethane	ug/L	ND	1.0	06/29/12 09:43	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	06/29/12 09:43	
1,2-Dichloropropane	ug/L	ND	1.0	06/29/12 09:43	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/29/12 09:43	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/29/12 09:43	
1,3-Dichloropropane	ug/L	ND	1.0	06/29/12 09:43	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/29/12 09:43	
2,2-Dichloropropane	ug/L	ND	1.0	06/29/12 09:43	
2-Butanone (MEK)	ug/L	ND	10.0	06/29/12 09:43	
2-Chlorotoluene	ug/L	ND	1.0	06/29/12 09:43	
2-Hexanone	ug/L	ND	10.0	06/29/12 09:43	
4-Chlorotoluene	ug/L	ND	1.0	06/29/12 09:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/29/12 09:43	
Acetone	ug/L	ND	10.0	06/29/12 09:43	
Benzene	ug/L	ND	1.0	06/29/12 09:43	
Bromobenzene	ug/L	ND	1.0	06/29/12 09:43	
Bromochloromethane	ug/L	ND	1.0	06/29/12 09:43	
Bromodichloromethane	ug/L	ND	1.0	06/29/12 09:43	
Bromoform	ug/L	ND	1.0	06/29/12 09:43	
Bromomethane	ug/L	ND	5.0	06/29/12 09:43	
Carbon disulfide	ug/L	ND	5.0	06/29/12 09:43	
Carbon tetrachloride	ug/L	ND	1.0	06/29/12 09:43	
Chlorobenzene	ug/L	ND	1.0	06/29/12 09:43	
Chloroethane	ug/L	ND	1.0	06/29/12 09:43	
Chloroform	ug/L	ND	1.0	06/29/12 09:43	
Chloromethane	ug/L	ND	1.0	06/29/12 09:43	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/29/12 09:43	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/29/12 09:43	
Dibromochloromethane	ug/L	ND	1.0	06/29/12 09:43	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

METHOD BLANK: 1022106 Matrix: Water

Associated Lab Samples: 60123718004, 60123718005, 60123718007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/29/12 09:43	
Dichlorodifluoromethane	ug/L	ND	1.0	06/29/12 09:43	
Ethylbenzene	ug/L	ND	1.0	06/29/12 09:43	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/29/12 09:43	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/29/12 09:43	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/29/12 09:43	
Methylene chloride	ug/L	ND	1.0	06/29/12 09:43	
n-Butylbenzene	ug/L	ND	1.0	06/29/12 09:43	
n-Propylbenzene	ug/L	ND	1.0	06/29/12 09:43	
Naphthalene	ug/L	ND	10.0	06/29/12 09:43	
p-Isopropyltoluene	ug/L	ND	1.0	06/29/12 09:43	
sec-Butylbenzene	ug/L	ND	1.0	06/29/12 09:43	
Styrene	ug/L	ND	1.0	06/29/12 09:43	
tert-Butylbenzene	ug/L	ND	1.0	06/29/12 09:43	
Tetrachloroethene	ug/L	ND	1.0	06/29/12 09:43	
Toluene	ug/L	ND	1.0	06/29/12 09:43	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/29/12 09:43	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/29/12 09:43	
Trichloroethene	ug/L	ND	1.0	06/29/12 09:43	
Trichlorofluoromethane	ug/L	ND	1.0	06/29/12 09:43	
Vinyl chloride	ug/L	ND	1.0	06/29/12 09:43	
Xylene (Total)	ug/L	ND	3.0	06/29/12 09:43	
1,2-Dichloroethane-d4 (S)	%	89	80-120	06/29/12 09:43	
4-Bromofluorobenzene (S)	%	105	80-120	06/29/12 09:43	
Dibromofluoromethane (S)	%	96	80-120	06/29/12 09:43	
Toluene-d8 (S)	%	102	80-120	06/29/12 09:43	

LABORATORY CONTROL SAMPLE: 1022107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.5	108	79-121	
1,1,1-Trichloroethane	ug/L	20	18.0	90	76-120	
1,1,2,2-Tetrachloroethane	ug/L	20	22.1	111	71-121	
1,1,2-Trichloroethane	ug/L	20	20.2	101	78-120	
1,1-Dichloroethane	ug/L	20	18.0	90	74-120	
1,1-Dichloroethene	ug/L	20	18.1	90	68-120	
1,1-Dichloropropene	ug/L	20	19.5	97	78-120	
1,2,3-Trichlorobenzene	ug/L	20	22.3	111	70-129	
1,2,3-Trichloropropane	ug/L	20	22.0	110	74-121	
1,2,4-Trichlorobenzene	ug/L	20	22.8	114	76-123	
1,2,4-Trimethylbenzene	ug/L	20	20.0	100	76-121	
1,2-Dibromo-3-chloropropane	ug/L	20	22.1	111	65-124	
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	76-125	
1,2-Dichlorobenzene	ug/L	20	20.9	104	80-120	
1,2-Dichloroethane	ug/L	20	20.5	103	72-123	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1022107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	39.0	97	78-120	
1,2-Dichloropropane	ug/L	20	21.1	105	78-120	
1,3,5-Trimethylbenzene	ug/L	20	20.3	102	75-120	
1,3-Dichlorobenzene	ug/L	20	20.3	102	79-120	
1,3-Dichloropropane	ug/L	20	20.4	102	75-120	
1,4-Dichlorobenzene	ug/L	20	21.0	105	80-120	
2,2-Dichloropropane	ug/L	20	19.3	96	54-132	
2-Butanone (MEK)	ug/L	100	104	104	40-160	
2-Chlorotoluene	ug/L	20	20.0	100	78-120	
2-Hexanone	ug/L	100	121	121	40-160	
4-Chlorotoluene	ug/L	20	21.2	106	79-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	113	113	65-126	
Acetone	ug/L	100	93.5	93	40-160	
Benzene	ug/L	20	20.0	100	74-123	
Bromobenzene	ug/L	20	20.8	104	79-120	
Bromochloromethane	ug/L	20	21.1	106	75-120	
Bromodichloromethane	ug/L	20	18.2	91	74-120	
Bromoform	ug/L	20	21.3	107	70-123	
Bromomethane	ug/L	20	10.5	52	40-158	
Carbon disulfide	ug/L	20	17.5	87	67-135	
Carbon tetrachloride	ug/L	20	18.6	93	74-126	
Chlorobenzene	ug/L	20	21.0	105	80-120	
Chloroethane	ug/L	20	21.6	108	60-144	
Chloroform	ug/L	20	18.9	94	77-120	
Chloromethane	ug/L	20	17.6	88	40-142	
cis-1,2-Dichloroethene	ug/L	20	18.3	91	70-120	
cis-1,3-Dichloropropene	ug/L	20	21.1	106	73-121	
Dibromochloromethane	ug/L	20	21.0	105	77-122	
Dibromomethane	ug/L	20	19.6	98	76-120	
Dichlorodifluoromethane	ug/L	20	19.3	97	40-160	
Ethylbenzene	ug/L	20	21.5	107	76-123	
Hexachloro-1,3-butadiene	ug/L	20	19.8	99	72-124	
Isopropylbenzene (Cumene)	ug/L	20	22.6	113	80-126	
Methyl-tert-butyl ether	ug/L	20	20.1	101	67-125	
Methylene chloride	ug/L	20	19.8	99	72-127	
n-Butylbenzene	ug/L	20	19.5	98	76-125	
n-Propylbenzene	ug/L	20	21.1	106	77-120	
Naphthalene	ug/L	20	20.6	103	63-128	
p-Isopropyltoluene	ug/L	20	19.8	99	77-121	
sec-Butylbenzene	ug/L	20	19.7	98	77-122	
Styrene	ug/L	20	21.2	106	79-120	
tert-Butylbenzene	ug/L	20	19.9	99	75-124	
Tetrachloroethene	ug/L	20	20.3	101	78-121	
Toluene	ug/L	20	21.4	107	75-123	
trans-1,2-Dichloroethene	ug/L	20	20.7	103	80-129	
trans-1,3-Dichloropropene	ug/L	20	21.2	106	77-122	
Trichloroethene	ug/L	20	20.2	101	74-120	
Trichlorofluoromethane	ug/L	20	19.1	96	69-122	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1022107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	20	20.5	102	50-140	
Xylene (Total)	ug/L	60	63.7	106	76-123	
1,2-Dichloroethane-d4 (S)	%			90	80-120	
4-Bromofluorobenzene (S)	%			96	80-120	
Dibromofluoromethane (S)	%			96	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1022108 1022109

Parameter	Units	60123779001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<0.12	20	20	18.7	20.0	93	100	62-135	7	30	
1,1,1-Trichloroethane	ug/L	<0.13	20	20	18.0	18.7	90	93	62-146	4	32	
1,1,2,2-Tetrachloroethane	ug/L	<0.12	20	20	17.2	19.4	86	97	59-131	12	29	
1,1,2-Trichloroethane	ug/L	<0.15	20	20	17.0	18.4	85	92	63-129	8	34	
1,1-Dichloroethane	ug/L	<0.079	20	20	17.9	19.0	90	95	61-132	6	30	
1,1-Dichloroethene	ug/L	<0.13	20	20	18.6	19.7	93	99	51-140	6	31	
1,1-Dichloropropene	ug/L	<0.088	20	20	19.7	21.6	98	108	59-145	9	34	
1,2,3-Trichlorobenzene	ug/L	<0.11	20	20	17.0	20.7	85	104	51-138	20	44	
1,2,3-Trichloropropane	ug/L	<0.36	20	20	16.5	18.9	83	94	61-129	13	31	
1,2,4-Trichlorobenzene	ug/L	<0.10	20	20	16.9	20.7	85	104	54-136	20	34	
1,2,4-Trimethylbenzene	ug/L	<0.060	20	20	17.1	19.1	85	96	46-141	11	32	
1,2-Dibromo-3-chloropropane	ug/L	<0.66	20	20	15.6	17.3	78	86	53-133	10	32	
1,2-Dibromoethane (EDB)	ug/L	<0.13	20	20	17.9	18.5	90	93	58-138	3	37	
1,2-Dichlorobenzene	ug/L	<0.077	20	20	16.9	19.5	84	97	62-130	14	30	
1,2-Dichloroethane	ug/L	<0.080	20	20	17.4	18.6	87	93	52-146	7	35	
1,2-Dichloroethene (Total)	ug/L	<0.12	40	40	38.2	40.2	96	101	53-150	5	31	
1,2-Dichloropropane	ug/L	<0.045	20	20	19.1	20.3	95	101	64-133	6	31	
1,3,5-Trimethylbenzene	ug/L	<0.094	20	20	16.4	18.1	82	91	45-142	10	43	
1,3-Dichlorobenzene	ug/L	<0.068	20	20	17.0	18.5	85	92	58-130	8	31	
1,3-Dichloropropane	ug/L	<0.097	20	20	16.3	18.2	81	91	62-124	11	31	
1,4-Dichlorobenzene	ug/L	<0.072	20	20	17.9	19.4	90	97	60-132	8	32	
2,2-Dichloropropane	ug/L	<0.11	20	20	17.3	17.8	86	89	40-150	3	31	
2-Butanone (MEK)	ug/L	<0.41	100	100	82.6	82.9	83	83	40-138	0	34	
2-Chlorotoluene	ug/L	<0.19	20	20	17.4	18.4	87	92	61-130	6	31	
2-Hexanone	ug/L	<0.50	100	100	91.8	91.2	92	91	40-130	1	33	
4-Chlorotoluene	ug/L	<0.12	20	20	17.1	19.4	85	97	61-132	13	30	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.33	100	100	91.0	88.3	91	88	57-128	3	35	
Acetone	ug/L	<2.2	100	100	73.2	92.5	73	92	40-151	23	35	
Benzene	ug/L	<0.070	20	20	18.8	19.9	94	99	40-155	6	45	
Bromobenzene	ug/L	<0.064	20	20	17.6	18.9	88	94	63-130	7	30	
Bromochloromethane	ug/L	<0.10	20	20	19.2	20.5	96	103	63-132	7	30	
Bromodichloromethane	ug/L	<0.11	20	20	16.5	17.5	82	87	58-133	6	29	
Bromoform	ug/L	<0.15	20	20	16.9	18.0	85	90	56-132	6	29	
Bromomethane	ug/L	<0.22	20	20	12.1	14.6	61	73	40-157	18	43	
Carbon disulfide	ug/L	<0.053	20	20	18.0	17.8	90	89	55-153	1	32	
Carbon tetrachloride	ug/L	<0.23	20	20	19.5	20.7	98	104	60-154	6	34	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1022108 1022109

Parameter	Units	60123779001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chlorobenzene	ug/L	<0.093	20	20	18.7	20.3	94	101	54-141	8	31	
Chloroethane	ug/L	<0.19	20	20	20.5	21.8	103	109	48-160	6	23	
Chloroform	ug/L	0.34J	20	20	18.3	18.3	90	90	59-138	0	29	
Chloromethane	ug/L	<0.24	20	20	14.7	15.6	73	78	40-160	6	29	
cis-1,2-Dichloroethene	ug/L	<0.086	20	20	17.1	17.5	85	87	46-144	2	34	
cis-1,3-Dichloropropene	ug/L	<0.066	20	20	19.0	19.6	95	98	60-130	3	32	
Dibromochloromethane	ug/L	<0.091	20	20	16.4	18.6	82	93	60-135	12	31	
Dibromomethane	ug/L	<0.12	20	20	17.4	17.8	87	89	64-131	2	30	
Dichlorodifluoromethane	ug/L	<0.15	20	20	16.3	16.0	81	80	40-156	1	40	
Ethylbenzene	ug/L	<0.078	20	20	20.0	21.3	100	107	40-158	7	48	
Hexachloro-1,3-butadiene	ug/L	<0.11	20	20	17.9	20.3	89	101	47-144	13	41	
Isopropylbenzene (Cumene)	ug/L	<0.069	20	20	21.6	22.6	108	113	51-156	4	33	
Methyl-tert-butyl ether	ug/L	<0.077	20	20	17.6	18.8	88	94	40-147	6	47	
Methylene chloride	ug/L	<0.12	20	20	17.9	19.8	89	99	60-137	10	28	
n-Butylbenzene	ug/L	<0.078	20	20	17.1	20.1	86	101	52-144	16	38	
n-Propylbenzene	ug/L	<0.071	20	20	18.0	19.5	90	98	55-139	8	34	
Naphthalene	ug/L	<0.14	20	20	15.8	17.8	79	89	40-149	12	39	
p-Isopropyltoluene	ug/L	<0.065	20	20	17.5	19.2	87	96	49-143	10	35	
sec-Butylbenzene	ug/L	<0.047	20	20	17.6	19.6	88	98	54-143	11	36	
Styrene	ug/L	<0.080	20	20	18.1	19.1	90	95	50-136	5	34	
tert-Butylbenzene	ug/L	<0.066	20	20	18.0	19.0	90	95	56-142	6	37	
Tetrachloroethene	ug/L	<0.073	20	20	18.9	21.3	95	107	54-152	12	35	
Toluene	ug/L	<0.064	20	20	19.7	21.5	98	107	42-151	9	46	
trans-1,2-Dichloroethene	ug/L	<0.085	20	20	21.1	22.8	106	114	66-152	7	30	
trans-1,3-Dichloropropene	ug/L	<0.080	20	20	17.5	18.7	88	93	60-133	7	32	
Trichloroethene	ug/L	<0.064	20	20	20.8	21.5	104	108	51-146	3	34	
Trichlorofluoromethane	ug/L	<0.064	20	20	20.5	20.7	103	104	55-146	1	34	
Vinyl chloride	ug/L	<0.068	20	20	18.7	20.4	94	102	40-160	8	30	
Xylene (Total)	ug/L	<0.15	60	60	57.0	62.6	95	104	40-151	9	45	
1,2-Dichloroethane-d4 (S)	%						92	90	80-120			
4-Bromofluorobenzene (S)	%						96	93	80-120			
Dibromofluoromethane (S)	%						101	95	80-120			
Toluene-d8 (S)	%						99	100	80-120			
Preservation pH		1.0			1.0	1.0				0		

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: OEXT/33645 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 60123546001, 60123546002, 60123546003

METHOD BLANK: 1016805 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	06/21/12 12:33	
1,2-Dichlorobenzene	ug/L	ND	10.0	06/21/12 12:33	
1,3-Dichlorobenzene	ug/L	ND	10.0	06/21/12 12:33	
1,4-Dichlorobenzene	ug/L	ND	10.0	06/21/12 12:33	
2,4,5-Trichlorophenol	ug/L	ND	50.0	06/21/12 12:33	
2,4,6-Trichlorophenol	ug/L	ND	10.0	06/21/12 12:33	
2,4-Dichlorophenol	ug/L	ND	10.0	06/21/12 12:33	
2,4-Dimethylphenol	ug/L	ND	10.0	06/21/12 12:33	
2,4-Dinitrophenol	ug/L	ND	50.0	06/21/12 12:33	
2,4-Dinitrotoluene	ug/L	ND	10.0	06/21/12 12:33	
2,6-Dinitrotoluene	ug/L	ND	10.0	06/21/12 12:33	
2-Chloronaphthalene	ug/L	ND	10.0	06/21/12 12:33	
2-Chlorophenol	ug/L	ND	10.0	06/21/12 12:33	
2-Methylnaphthalene	ug/L	ND	10.0	06/21/12 12:33	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	06/21/12 12:33	
2-Nitroaniline	ug/L	ND	50.0	06/21/12 12:33	
2-Nitrophenol	ug/L	ND	10.0	06/21/12 12:33	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	06/21/12 12:33	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	06/21/12 12:33	
3-Nitroaniline	ug/L	ND	50.0	06/21/12 12:33	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	06/21/12 12:33	
4-Bromophenylphenyl ether	ug/L	ND	10.0	06/21/12 12:33	
4-Chloro-3-methylphenol	ug/L	ND	20.0	06/21/12 12:33	
4-Chloroaniline	ug/L	ND	20.0	06/21/12 12:33	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	06/21/12 12:33	
4-Nitroaniline	ug/L	ND	50.0	06/21/12 12:33	
4-Nitrophenol	ug/L	ND	50.0	06/21/12 12:33	
Acenaphthene	ug/L	ND	10.0	06/21/12 12:33	
Acenaphthylene	ug/L	ND	10.0	06/21/12 12:33	
Anthracene	ug/L	ND	10.0	06/21/12 12:33	
Benzo(a)anthracene	ug/L	ND	10.0	06/21/12 12:33	
Benzo(a)pyrene	ug/L	ND	10.0	06/21/12 12:33	
Benzo(b)fluoranthene	ug/L	ND	10.0	06/21/12 12:33	
Benzo(g,h,i)perylene	ug/L	ND	10.0	06/21/12 12:33	
Benzo(k)fluoranthene	ug/L	ND	10.0	06/21/12 12:33	
Benzoic acid	ug/L	ND	50.0	06/21/12 12:33	
Benzyl alcohol	ug/L	ND	20.0	06/21/12 12:33	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	06/21/12 12:33	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	06/21/12 12:33	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	06/21/12 12:33	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	06/21/12 12:33	
Butylbenzylphthalate	ug/L	ND	10.0	06/21/12 12:33	
Carbazole	ug/L	ND	10.0	06/21/12 12:33	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

METHOD BLANK: 1016805 Matrix: Water

Associated Lab Samples: 60123546001, 60123546002, 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	06/21/12 12:33	
Di-n-butylphthalate	ug/L	ND	10.0	06/21/12 12:33	
Di-n-octylphthalate	ug/L	ND	10.0	06/21/12 12:33	
Dibenz(a,h)anthracene	ug/L	ND	10.0	06/21/12 12:33	
Dibenzofuran	ug/L	ND	10.0	06/21/12 12:33	
Diethylphthalate	ug/L	ND	10.0	06/21/12 12:33	
Dimethylphthalate	ug/L	ND	10.0	06/21/12 12:33	
Fluoranthene	ug/L	ND	10.0	06/21/12 12:33	
Fluorene	ug/L	ND	10.0	06/21/12 12:33	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	06/21/12 12:33	
Hexachlorobenzene	ug/L	ND	10.0	06/21/12 12:33	
Hexachlorocyclopentadiene	ug/L	ND	10.0	06/21/12 12:33	
Hexachloroethane	ug/L	ND	10.0	06/21/12 12:33	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	06/21/12 12:33	
Isophorone	ug/L	ND	10.0	06/21/12 12:33	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	06/21/12 12:33	
N-Nitrosodiphenylamine	ug/L	ND	10.0	06/21/12 12:33	
Naphthalene	ug/L	ND	10.0	06/21/12 12:33	
Nitrobenzene	ug/L	ND	10.0	06/21/12 12:33	
Pentachlorophenol	ug/L	ND	50.0	06/21/12 12:33	
Phenanthrene	ug/L	ND	10.0	06/21/12 12:33	
Phenol	ug/L	ND	10.0	06/21/12 12:33	
Pyrene	ug/L	ND	10.0	06/21/12 12:33	
Pyridine	ug/L	ND	10.0	06/21/12 12:33	
2,4,6-Tribromophenol (S)	%	89	45-112	06/21/12 12:33	
2-Fluorobiphenyl (S)	%	87	39-120	06/21/12 12:33	
2-Fluorophenol (S)	%	49	12-120	06/21/12 12:33	
Nitrobenzene-d5 (S)	%	87	36-120	06/21/12 12:33	
Phenol-d6 (S)	%	30	10-120	06/21/12 12:33	
Terphenyl-d14 (S)	%	86	30-120	06/21/12 12:33	

LABORATORY CONTROL SAMPLE: 1016806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.5	85	52-120	
1,2-Dichlorobenzene	ug/L	50	38.9	78	46-120	
1,3-Dichlorobenzene	ug/L	50	38.7	77	44-120	
1,4-Dichlorobenzene	ug/L	50	38.7	77	45-120	
2,4,5-Trichlorophenol	ug/L	50	40.8J	82	53-120	
2,4,6-Trichlorophenol	ug/L	50	40.9	82	53-120	
2,4-Dichlorophenol	ug/L	50	41.5	83	52-120	
2,4-Dimethylphenol	ug/L	50	38.3	77	46-120	
2,4-Dinitrophenol	ug/L	50	52.2	104	24-131	
2,4-Dinitrotoluene	ug/L	50	44.3	89	59-120	
2,6-Dinitrotoluene	ug/L	50	43.0	86	58-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1016806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/L	50	42.6	85	53-120	
2-Chlorophenol	ug/L	50	37.4	75	47-120	
2-Methylnaphthalene	ug/L	50	42.6	85	52-120	
2-Methylphenol(o-Cresol)	ug/L	50	33.5	67	39-120	
2-Nitroaniline	ug/L	50	44J	88	53-120	
2-Nitrophenol	ug/L	50	42.3	85	53-120	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.7	61	35-120	
3,3'-Dichlorobenzidine	ug/L	50	53.9	108	40-131	
3-Nitroaniline	ug/L	50	48.2J	96	24-139	
4,6-Dinitro-2-methylphenol	ug/L	50	50.9	102	60-120	
4-Bromophenylphenyl ether	ug/L	50	45.3	91	58-120	
4-Chloro-3-methylphenol	ug/L	50	41.6	83	54-120	
4-Chloroaniline	ug/L	50	47.1	94	10-144	
4-Chlorophenylphenyl ether	ug/L	50	44.7	89	58-120	
4-Nitroaniline	ug/L	50	48.2J	96	50-120	
4-Nitrophenol	ug/L	50	18.1J	36	10-120	
Acenaphthene	ug/L	50	43.2	86	54-120	
Acenaphthylene	ug/L	50	42.9	86	54-120	
Anthracene	ug/L	50	44.0	88	58-120	
Benzo(a)anthracene	ug/L	50	45.5	91	59-120	
Benzo(a)pyrene	ug/L	50	44.9	90	58-120	
Benzo(b)fluoranthene	ug/L	50	43.1	86	58-120	
Benzo(g,h,i)perylene	ug/L	50	43.7	87	59-120	
Benzo(k)fluoranthene	ug/L	50	46.3	93	58-120	
Benzoic acid	ug/L	50	ND	36	10-120	
Benzyl alcohol	ug/L	50	34.7	69	31-120	
bis(2-Chloroethoxy)methane	ug/L	50	42.7	85	52-120	
bis(2-Chloroethyl) ether	ug/L	50	38.8	78	50-120	
bis(2-Chloroisopropyl) ether	ug/L	50	40.4	81	51-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.2	94	56-120	
Butylbenzylphthalate	ug/L	50	46.3	93	55-120	
Carbazole	ug/L	50	44.8	90	58-120	
Chrysene	ug/L	50	45.7	91	58-120	
Di-n-butylphthalate	ug/L	50	45.8	92	60-120	
Di-n-octylphthalate	ug/L	50	45.6	91	55-120	
Dibenz(a,h)anthracene	ug/L	50	46.0	92	60-120	
Dibenzofuran	ug/L	50	43.1	86	55-120	
Diethylphthalate	ug/L	50	44.4	89	58-120	
Dimethylphthalate	ug/L	50	44.1	88	56-120	
Fluoranthene	ug/L	50	44.6	89	60-120	
Fluorene	ug/L	50	43.6	87	58-120	
Hexachloro-1,3-butadiene	ug/L	50	43.3	87	48-120	
Hexachlorobenzene	ug/L	50	44.8	90	59-120	
Hexachlorocyclopentadiene	ug/L	100	76.8	77	10-120	
Hexachloroethane	ug/L	50	38.5	77	47-120	
Indeno(1,2,3-cd)pyrene	ug/L	50	44.3	89	59-120	
Isophorone	ug/L	50	42.3	85	54-120	
N-Nitroso-di-n-propylamine	ug/L	50	38.9	78	53-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1016806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	43.7	87	59-120	
Naphthalene	ug/L	50	42.7	85	52-120	
Nitrobenzene	ug/L	50	53.7	107	51-120	
Pentachlorophenol	ug/L	50	38.6J	77	43-120	
Phenanthrene	ug/L	50	45.2	90	58-120	
Phenol	ug/L	50	15.6	31	15-120	
Pyrene	ug/L	50	45.7	91	57-120	
Pyridine	ug/L	50	9.2J	18	1-120	
2,4,6-Tribromophenol (S)	%			85	45-112	
2-Fluorobiphenyl (S)	%			84	39-120	
2-Fluorophenol (S)	%			48	12-120	
Nitrobenzene-d5 (S)	%			84	36-120	
Phenol-d6 (S)	%			32	10-120	
Terphenyl-d14 (S)	%			91	30-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: OEXT/33681 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

METHOD BLANK: 1018185 Matrix: Water
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	06/24/12 12:55	
1,2-Dichlorobenzene	ug/L	ND	10.0	06/24/12 12:55	
1,3-Dichlorobenzene	ug/L	ND	10.0	06/24/12 12:55	
1,4-Dichlorobenzene	ug/L	ND	10.0	06/24/12 12:55	
2,4,5-Trichlorophenol	ug/L	ND	50.0	06/24/12 12:55	
2,4,6-Trichlorophenol	ug/L	ND	10.0	06/24/12 12:55	
2,4-Dichlorophenol	ug/L	ND	10.0	06/24/12 12:55	
2,4-Dimethylphenol	ug/L	ND	10.0	06/24/12 12:55	
2,4-Dinitrophenol	ug/L	ND	50.0	06/24/12 12:55	
2,4-Dinitrotoluene	ug/L	ND	10.0	06/24/12 12:55	
2,6-Dinitrotoluene	ug/L	ND	10.0	06/24/12 12:55	
2-Chloronaphthalene	ug/L	ND	10.0	06/24/12 12:55	
2-Chlorophenol	ug/L	ND	10.0	06/24/12 12:55	
2-Methylnaphthalene	ug/L	ND	10.0	06/24/12 12:55	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	06/24/12 12:55	
2-Nitroaniline	ug/L	ND	50.0	06/24/12 12:55	
2-Nitrophenol	ug/L	ND	10.0	06/24/12 12:55	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	06/24/12 12:55	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	06/24/12 12:55	
3-Nitroaniline	ug/L	ND	50.0	06/24/12 12:55	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	06/24/12 12:55	
4-Bromophenylphenyl ether	ug/L	ND	10.0	06/24/12 12:55	
4-Chloro-3-methylphenol	ug/L	ND	20.0	06/24/12 12:55	
4-Chloroaniline	ug/L	ND	20.0	06/24/12 12:55	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	06/24/12 12:55	
4-Nitroaniline	ug/L	ND	50.0	06/24/12 12:55	
4-Nitrophenol	ug/L	ND	50.0	06/24/12 12:55	
Acenaphthene	ug/L	ND	10.0	06/24/12 12:55	
Acenaphthylene	ug/L	ND	10.0	06/24/12 12:55	
Anthracene	ug/L	ND	10.0	06/24/12 12:55	
Benzo(a)anthracene	ug/L	ND	10.0	06/24/12 12:55	
Benzo(a)pyrene	ug/L	ND	10.0	06/24/12 12:55	
Benzo(b)fluoranthene	ug/L	ND	10.0	06/24/12 12:55	
Benzo(g,h,i)perylene	ug/L	ND	10.0	06/24/12 12:55	
Benzo(k)fluoranthene	ug/L	ND	10.0	06/24/12 12:55	
Benzoic acid	ug/L	ND	50.0	06/24/12 12:55	
Benzyl alcohol	ug/L	ND	20.0	06/24/12 12:55	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	06/24/12 12:55	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	06/24/12 12:55	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	06/24/12 12:55	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	06/24/12 12:55	
Butylbenzylphthalate	ug/L	ND	10.0	06/24/12 12:55	
Carbazole	ug/L	ND	10.0	06/24/12 12:55	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

METHOD BLANK: 1018185 Matrix: Water

Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	06/24/12 12:55	
Di-n-butylphthalate	ug/L	ND	10.0	06/24/12 12:55	
Di-n-octylphthalate	ug/L	ND	10.0	06/24/12 12:55	
Dibenz(a,h)anthracene	ug/L	ND	10.0	06/24/12 12:55	
Dibenzofuran	ug/L	ND	10.0	06/24/12 12:55	
Diethylphthalate	ug/L	ND	10.0	06/24/12 12:55	
Dimethylphthalate	ug/L	ND	10.0	06/24/12 12:55	
Fluoranthene	ug/L	ND	10.0	06/24/12 12:55	
Fluorene	ug/L	ND	10.0	06/24/12 12:55	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	06/24/12 12:55	
Hexachlorobenzene	ug/L	ND	10.0	06/24/12 12:55	
Hexachlorocyclopentadiene	ug/L	ND	10.0	06/24/12 12:55	
Hexachloroethane	ug/L	ND	10.0	06/24/12 12:55	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	06/24/12 12:55	
Isophorone	ug/L	ND	10.0	06/24/12 12:55	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	06/24/12 12:55	
N-Nitrosodiphenylamine	ug/L	ND	10.0	06/24/12 12:55	
Naphthalene	ug/L	ND	10.0	06/24/12 12:55	
Nitrobenzene	ug/L	ND	10.0	06/24/12 12:55	
Pentachlorophenol	ug/L	ND	50.0	06/24/12 12:55	
Phenanthrene	ug/L	ND	10.0	06/24/12 12:55	
Phenol	ug/L	ND	10.0	06/24/12 12:55	
Pyrene	ug/L	ND	10.0	06/24/12 12:55	
Pyridine	ug/L	ND	10.0	06/24/12 12:55	
2,4,6-Tribromophenol (S)	%	76	45-112	06/24/12 12:55	
2-Fluorobiphenyl (S)	%	80	39-120	06/24/12 12:55	
2-Fluorophenol (S)	%	47	12-120	06/24/12 12:55	
Nitrobenzene-d5 (S)	%	79	36-120	06/24/12 12:55	
Phenol-d6 (S)	%	30	10-120	06/24/12 12:55	
Terphenyl-d14 (S)	%	85	30-120	06/24/12 12:55	

LABORATORY CONTROL SAMPLE: 1018186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	35.2	70	52-120	
1,2-Dichlorobenzene	ug/L	50	34.4	69	46-120	
1,3-Dichlorobenzene	ug/L	50	33.3	67	44-120	
1,4-Dichlorobenzene	ug/L	50	33.9	68	45-120	
2,4,5-Trichlorophenol	ug/L	50	38.8J	78	53-120	
2,4,6-Trichlorophenol	ug/L	50	36.4	73	53-120	
2,4-Dichlorophenol	ug/L	50	36.4	73	52-120	
2,4-Dimethylphenol	ug/L	50	31.4	63	46-120	
2,4-Dinitrophenol	ug/L	50	50.9	102	24-131	
2,4-Dinitrotoluene	ug/L	50	41.3	83	59-120	
2,6-Dinitrotoluene	ug/L	50	40.4	81	58-120	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1018186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/L	50	38.6	77	53-120	
2-Chlorophenol	ug/L	50	34.3	69	47-120	
2-Methylnaphthalene	ug/L	50	37.5	75	52-120	
2-Methylphenol(o-Cresol)	ug/L	50	30.8	62	39-120	
2-Nitroaniline	ug/L	50	40.8J	82	53-120	
2-Nitrophenol	ug/L	50	36.6	73	53-120	
3&4-Methylphenol(m&p Cresol)	ug/L	50	29.1	58	35-120	
3,3'-Dichlorobenzidine	ug/L	50	52.8	106	40-131	
3-Nitroaniline	ug/L	50	45.9J	92	24-139	
4,6-Dinitro-2-methylphenol	ug/L	50	46.3J	93	60-120	
4-Bromophenylphenyl ether	ug/L	50	42.4	85	58-120	
4-Chloro-3-methylphenol	ug/L	50	37.4	75	54-120	
4-Chloroaniline	ug/L	50	42.8	86	10-144	
4-Chlorophenylphenyl ether	ug/L	50	40.0	80	58-120	
4-Nitroaniline	ug/L	50	45.9J	92	50-120	
4-Nitrophenol	ug/L	50	16.1J	32	10-120	
Acenaphthene	ug/L	50	39.0	78	54-120	
Acenaphthylene	ug/L	50	39.3	79	54-120	
Anthracene	ug/L	50	42.1	84	58-120	
Benzo(a)anthracene	ug/L	50	41.5	83	59-120	
Benzo(a)pyrene	ug/L	50	41.2	82	58-120	
Benzo(b)fluoranthene	ug/L	50	39.8	80	58-120	
Benzo(g,h,i)perylene	ug/L	50	42.1	84	59-120	
Benzo(k)fluoranthene	ug/L	50	43.7	87	58-120	
Benzoic acid	ug/L	50	ND	33	10-120	
Benzyl alcohol	ug/L	50	33.0	66	31-120	
bis(2-Chloroethoxy)methane	ug/L	50	37.9	76	52-120	
bis(2-Chloroethyl) ether	ug/L	50	36.4	73	50-120	
bis(2-Chloroisopropyl) ether	ug/L	50	37.1	74	51-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	43.5	87	56-120	
Butylbenzylphthalate	ug/L	50	42.3	85	55-120	
Carbazole	ug/L	50	42.0	84	58-120	
Chrysene	ug/L	50	42.3	85	58-120	
Di-n-butylphthalate	ug/L	50	43.9	88	60-120	
Di-n-octylphthalate	ug/L	50	43.0	86	55-120	
Dibenz(a,h)anthracene	ug/L	50	42.3	85	60-120	
Dibenzofuran	ug/L	50	39.7	79	55-120	
Diethylphthalate	ug/L	50	41.7	83	58-120	
Dimethylphthalate	ug/L	50	40.4	81	56-120	
Fluoranthene	ug/L	50	42.0	84	60-120	
Fluorene	ug/L	50	40.2	80	58-120	
Hexachloro-1,3-butadiene	ug/L	50	35.4	71	48-120	
Hexachlorobenzene	ug/L	50	41.7	83	59-120	
Hexachlorocyclopentadiene	ug/L	100	58.8	59	10-120	
Hexachloroethane	ug/L	50	33.3	67	47-120	
Indeno(1,2,3-cd)pyrene	ug/L	50	41.9	84	59-120	
Isophorone	ug/L	50	37.9	76	54-120	
N-Nitroso-di-n-propylamine	ug/L	50	37.9	76	53-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

LABORATORY CONTROL SAMPLE: 1018186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	40.4	81	59-120	
Naphthalene	ug/L	50	36.4	73	52-120	
Nitrobenzene	ug/L	50	29.6	59	51-120	
Pentachlorophenol	ug/L	50	35.5J	71	43-120	
Phenanthrene	ug/L	50	42.3	85	58-120	
Phenol	ug/L	50	15.1	30	15-120	
Pyrene	ug/L	50	41.9	84	57-120	
Pyridine	ug/L	50	9J	18	1-120	
2,4,6-Tribromophenol (S)	%			76	45-112	
2-Fluorobiphenyl (S)	%			75	39-120	
2-Fluorophenol (S)	%			41	12-120	
Nitrobenzene-d5 (S)	%			71	36-120	
Phenol-d6 (S)	%			29	10-120	
Terphenyl-d14 (S)	%			81	30-120	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WET/35760 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 60123546001, 60123546002, 60123546003

METHOD BLANK: 1020280 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	20.0	06/27/12 13:15	

LABORATORY CONTROL SAMPLE: 1020281

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	500	496	99	90-110	

SAMPLE DUPLICATE: 1020282

Parameter	Units	60123604001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	165	165	0	9	

SAMPLE DUPLICATE: 1020283

Parameter	Units	60123606002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	200	198	1	9	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WET/35800 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

METHOD BLANK: 1021185 Matrix: Water
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	20.0	06/28/12 11:00	

LABORATORY CONTROL SAMPLE: 1021186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	500	496	99	90-110	

SAMPLE DUPLICATE: 1021187

Parameter	Units	60123796002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	66.5	66.5	0	9	

SAMPLE DUPLICATE: 1021188

Parameter	Units	60123796006 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	122	124	2	9	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WET/35726 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 60123546001, 60123546002, 60123546003

METHOD BLANK: 1019544 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	5.0	06/25/12 09:33	

SAMPLE DUPLICATE: 1019545

Parameter	Units	60123589007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	305	300	2	17	

SAMPLE DUPLICATE: 1019546

Parameter	Units	60123604004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		17	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WET/35773 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

METHOD BLANK: 1020514 Matrix: Water
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	5.0	06/27/12 10:24	

SAMPLE DUPLICATE: 1020515

Parameter	Units	60123694005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		17	

SAMPLE DUPLICATE: 1020516

Parameter	Units	60123718001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	4320	4350	1	17	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WET/35598 Analysis Method: SM 4500-H+B
QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH
Associated Lab Samples: 60123546001, 60123546002, 60123546003

SAMPLE DUPLICATE: 1016021

Parameter	Units	60123511001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	5	H6

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WET/35731 Analysis Method: SW-846 7.3.4.2 Modified
QC Batch Method: SW-846 7.3.4.2 Modified Analysis Description: 734S Reactive Sulfide
Associated Lab Samples: 60123718006

METHOD BLANK: 1019632 Matrix: Water
Associated Lab Samples: 60123718006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide, Reactive	mg/L	ND	10.0	06/25/12 11:45	

LABORATORY CONTROL SAMPLE: 1019633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/L	20	18.4	92	80-107	

MATRIX SPIKE SAMPLE: 1019634

Parameter	Units	60123718006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/L	ND	50	46.0	92	67-110	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WET/35695 Analysis Method: EPA 9040
QC Batch Method: EPA 9040 Analysis Description: 9040 pH
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004, 60123718006

SAMPLE DUPLICATE: 1018656

Parameter	Units	60123648001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH	Std. Units	7.9	7.9	0	10	H6

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WETA/20675 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60123546001, 60123546002, 60123546003

METHOD BLANK: 1020252 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/27/12 20:29	
Sulfate	mg/L	ND	1.0	06/27/12 20:29	

LABORATORY CONTROL SAMPLE: 1020253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.8	95	90-110	
Sulfate	mg/L	5	5.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1020254 1020255

Parameter	Units	60123696002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6360	5000	5000	10700	10900	87	91	64-118	2	12	
Sulfate	mg/L	1280	1000	1000	2330	2330	105	106	61-119	0	10	

MATRIX SPIKE SAMPLE: 1020256

Parameter	Units	60123604001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	9.0	5	13.4	88	64-118	
Sulfate	mg/L	412	250	702	116	61-119	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WETA/20677
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60123718001

METHOD BLANK: 1021353 Matrix: Water
Associated Lab Samples: 60123718001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/28/12 04:42	
Sulfate	mg/L	ND	1.0	06/28/12 04:42	

LABORATORY CONTROL SAMPLE: 1021354

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	95	90-110	
Sulfate	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual

MATRIX SPIKE SAMPLE: 1020272

Parameter	Units	60123653006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	65.2	250	315	100	64-118	
Sulfate	mg/L	966	250	1210	98	61-119	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WETA/20710 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60123718002, 60123718003, 60123718004

METHOD BLANK: 1021469 Matrix: Water
Associated Lab Samples: 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	07/02/12 09:08	
Sulfate	mg/L	ND	1.0	07/02/12 09:08	

LABORATORY CONTROL SAMPLE: 1021470

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.9	98	90-110	
Sulfate	mg/L	5	5.0	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1021471 1021472

Parameter	Units	60123718002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	226	100	100	336	340	111	114	64-118	1	12	
Sulfate	mg/L	1200	500	500	1750	1750	110	110	61-119	0	10	

MATRIX SPIKE SAMPLE: 1021473

Parameter	Units	60123772003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	131	50	187	112	64-118	
Sulfate	mg/L	52.8	50	104	103	61-119	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WETA/20592 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 60123546001, 60123546002, 60123546003

METHOD BLANK: 1016556 Matrix: Water
Associated Lab Samples: 60123546001, 60123546002, 60123546003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	06/19/12 17:37	

LABORATORY CONTROL SAMPLE: 1016557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1.6	1.7	105	90-110	

MATRIX SPIKE SAMPLE: 1016558

Parameter	Units	60123521007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	15.5	8	23.4	99	90-110	

MATRIX SPIKE SAMPLE: 1016559

Parameter	Units	60123538001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	10.6	8	18.8	103	90-110	

SAMPLE DUPLICATE: 1016560

Parameter	Units	60123539002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	52.1	52.9	1	15	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WETA/20629 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

METHOD BLANK: 1018113 Matrix: Water
Associated Lab Samples: 60123718001, 60123718002, 60123718003, 60123718004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	06/21/12 19:13	

LABORATORY CONTROL SAMPLE: 1018114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1.6	1.7	105	90-110	

MATRIX SPIKE SAMPLE: 1018115

Parameter	Units	60123758017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	46.6	32	80.2	105	90-110	

MATRIX SPIKE SAMPLE: 1018117

Parameter	Units	60123758010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	12.7	8	20.6	98	90-110	

SAMPLE DUPLICATE: 1018116

Parameter	Units	60123758019 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	15.1	15.0	1	15	

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QUALITY CONTROL DATA

Project: WINGATE 075006
Pace Project No.: 60123718

QC Batch: WETA/20654
QC Batch Method: SW-846 7.3.3.2 Modified
Analysis Method: SW-846 7.3.3.2 Modified
Analysis Description: 733C Reactive Cyanide
Associated Lab Samples: 60123718006

METHOD BLANK: 1019507 Matrix: Water
Associated Lab Samples: 60123718006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide, Reactive	mg/L	ND	0.0050	06/25/12 11:45	

LABORATORY CONTROL SAMPLE: 1019508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/L	.05	0.051	102	74-121	

SAMPLE DUPLICATE: 1019509

Parameter	Units	60123718006 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide, Reactive	mg/L	ND	ND		26	

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QUALIFIERS

Project: WINGATE 075006
Pace Project No.: 60123718

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-K	Pace Analytical Services - Kansas City
PASI-M	Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: MSV/46657

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/46683

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
H6	Analysis initiated outside of the 15 minute EPA recommended holding time.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WINGATE 075006
Pace Project No.: 60123718

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 3010	MPRP/18507	EPA 6010	ICP/15474
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 3010	MPRP/18507	EPA 6010	ICP/15474
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 3010	MPRP/18507	EPA 6010	ICP/15474
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 3010	MPRP/18507	EPA 6010	ICP/15474
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 3010	MPRP/18469	EPA 6010	ICP/15457
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 3010	MPRP/18469	EPA 6010	ICP/15457
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 3010	MPRP/18469	EPA 6010	ICP/15457
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 6020	ICPM/33154	EPA 6020	ICPM/13109
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 6020	ICPM/33154	EPA 6020	ICPM/13109
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 6020	ICPM/33153	EPA 6020	ICPM/13107
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 6020	ICPM/33215	EPA 6020	ICPM/13110
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 6020	ICPM/33215	EPA 6020	ICPM/13110
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 6020	ICPM/33215	EPA 6020	ICPM/13110
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 6020	ICPM/33215	EPA 6020	ICPM/13110
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 7470	MERP/6395	EPA 7470	MERC/6357
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 7470	MERP/6395	EPA 7470	MERC/6357
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 7470	MERP/6395	EPA 7470	MERC/6357
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 7470	MERP/6395	EPA 7470	MERC/6357
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 7470	MERP/6395	EPA 7470	MERC/6357
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 7470	MERP/6395	EPA 7470	MERC/6357
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 7470	MERP/6395	EPA 7470	MERC/6357
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 3510	OEXT/33645	EPA 8270	MSSV/10557
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 3510	OEXT/33645	EPA 8270	MSSV/10557
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 3510	OEXT/33645	EPA 8270	MSSV/10557
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 3510	OEXT/33681	EPA 8270	MSSV/10580
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 3510	OEXT/33681	EPA 8270	MSSV/10580
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 3510	OEXT/33681	EPA 8270	MSSV/10580
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 3510	OEXT/33681	EPA 8270	MSSV/10580
60123718006	**WC-075006-062012-CM-DRUM**	EPA 8260	MSV/46789		
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 5030B/8260	MSV/46657		
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 5030B/8260	MSV/46657		
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 5030B/8260	MSV/46657		
60123546004	**TB-075006-061812-CM-001**	EPA 5030B/8260	MSV/46657		
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 5030B/8260	MSV/46683		
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 5030B/8260	MSV/46683		
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 5030B/8260	MSV/46683		
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 5030B/8260	MSV/46717		
60123718005	**GW-075006-062012-CM-DUP**	EPA 5030B/8260	MSV/46717		
60123718007	**TB-075006-062012-CM-001**	EPA 5030B/8260	MSV/46717		
60123718006	**WC-075006-062012-CM-DRUM**	EPA 1010	WET/35780		
60123546001	**GW-075006-061812-CM-WMW-8**	SM 2320B	WET/35760		
60123546002	**GW-075006-061812-CM-WMW-7**	SM 2320B	WET/35760		

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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WINGATE 075006
Pace Project No.: 60123718

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60123546003	**GW-075006-061812-CM-WMW-6**	SM 2320B	WET/35760		
60123718001	**GW-075006-062012-CM-WMW-3**	SM 2320B	WET/35800		
60123718002	**GW-075006-062012-CM-WMW-5**	SM 2320B	WET/35800		
60123718003	**GW-075006-062012-CM-WMW-4**	SM 2320B	WET/35800		
60123718004	**GW-075006-062012-CM-WMW-2**	SM 2320B	WET/35800		
60123546001	**GW-075006-061812-CM-WMW-8**	SM 2540C	WET/35726		
60123546002	**GW-075006-061812-CM-WMW-7**	SM 2540C	WET/35726		
60123546003	**GW-075006-061812-CM-WMW-6**	SM 2540C	WET/35726		
60123718001	**GW-075006-062012-CM-WMW-3**	SM 2540C	WET/35773		
60123718002	**GW-075006-062012-CM-WMW-5**	SM 2540C	WET/35773		
60123718003	**GW-075006-062012-CM-WMW-4**	SM 2540C	WET/35773		
60123718004	**GW-075006-062012-CM-WMW-2**	SM 2540C	WET/35773		
60123546001	**GW-075006-061812-CM-WMW-8**	SM 4500-H+B	WET/35598		
60123546002	**GW-075006-061812-CM-WMW-7**	SM 4500-H+B	WET/35598		
60123546003	**GW-075006-061812-CM-WMW-6**	SM 4500-H+B	WET/35598		
60123718006	**WC-075006-062012-CM-DRUM**	SW-846 7.3.4.2 Modified	WET/35731		
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 9040	WET/35695		
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 9040	WET/35695		
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 9040	WET/35695		
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 9040	WET/35695		
60123718006	**WC-075006-062012-CM-DRUM**	EPA 9040	WET/35695		
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 300.0	WETA/20675		
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 300.0	WETA/20675		
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 300.0	WETA/20675		
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 300.0	WETA/20677		
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 300.0	WETA/20710		
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 300.0	WETA/20710		
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 300.0	WETA/20710		
60123546001	**GW-075006-061812-CM-WMW-8**	EPA 353.2	WETA/20592		
60123546002	**GW-075006-061812-CM-WMW-7**	EPA 353.2	WETA/20592		
60123546003	**GW-075006-061812-CM-WMW-6**	EPA 353.2	WETA/20592		
60123718001	**GW-075006-062012-CM-WMW-3**	EPA 353.2	WETA/20629		
60123718002	**GW-075006-062012-CM-WMW-5**	EPA 353.2	WETA/20629		
60123718003	**GW-075006-062012-CM-WMW-4**	EPA 353.2	WETA/20629		
60123718004	**GW-075006-062012-CM-WMW-2**	EPA 353.2	WETA/20629		
60123718006	**WC-075006-062012-CM-DRUM**	SW-846 7.3.3.2 Modified	WETA/20654		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A
Required Client Information:

Company:	CRA
Address	6121 Indian School Rd NE, Ste 200
	Albequerque, NM 87110
Email To:	cmathews@craworld.com
Phone:	(505)884-0672
Fax:	(505)884-4932
Requested Due Date/TAT:	standard

Section B
Required Project Information:

Report To:	Christine Mathews
Copy To:	Angela Bown, Kelly Blanchard
Purchase Order No.:	
Project Name:	Wingate
Project Number:	075006

Section C
Invoice Information:

Attention:	ENFOS
Company Name:	ConocoPhillips
Address:	
Pace Quote Reference:	
Pace Project Manager:	Alice Tracy
Pace Profile #:	

REGULATORY AGENCY

NPDES — GROUND WATER — DRINKING WATER — UST — RCRA — X OTHER NMOCD

Site Location STATE: NM

Section D
Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

Pace Project No./ Lab I.D.: 60123546

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	8260 VOCs	8270 SVOCs	6010 Metals*	300.0 Sulfate, Chloride	2320 Alkalinity	353.2 Nitrate	5210 BOD	410.4 COD	9040 pH	2540 TDS	BTEX ONLY	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GW-075006-061812-CM-WMW-8	WT	G	6.18.12	1120			~~8~~	8			X	X						X	X	X	X	X	X			X	X			3(DG9H) 2(AG1U) 2(BP3U) 1(BP3N) 01
2	GW-075006-061812-CM-WMW-7	WT	G	6.18.12	1255			~~8~~	8			X	X						X	X	X	X	X	X			X	X			02
3	GW-075006-061812-CM-WMW-6	WT	G	6.18.12	1435			~~8~~	8			X	X						X	X	X	X	X	X			X	X			03
4	TB-075006-061812-CM-001	WT		6.18.12	1544				1				X																X		1(DG9H) 04
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Metals: As, Ba, Cd, Cr, Pb, Ag, Se, Ca, Na, Hg	[signature]	6.18.12	1600	[signature]	6/19/12	825	4.0	Y	Y	Y
split metals sample to send to Minn for uranium by 6020										
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Christine Mathews

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 6-18-12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.08, 12-Oct-2007

Sample Condition Upon Receipt

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Client Name: CRA-NM Project # 10123546

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 8007 0289 7579 Pace Shipping Label Used? ☐ Yes ☒ No

Custody Seal on Cooler/Box Present: ☒ Yes ☐ No Seals intact: ☑ Yes ☐ No

Optional
Proj. Due Date:
Proj. Name: 6/12a

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ Foam ☐ None ☐ Other _____

Thermometer Used: T-197 / T-194 Type of Ice: ~~Wet~~ Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 4.0

Temperature should be above freezing to 6°C

Date and Initials of person examining contents: JMS 6/19/12 945

		Comments:
Chain of Custody present:	☑ Yes ☐ No ☐ N/A	1.
Chain of Custody filled out:	☑ Yes ☐ No ☐ N/A	2.
Chain of Custody relinquished:	☑ Yes ☐ No ☐ N/A	3.
Sampler name & signature on COC:	☑ Yes ☐ No ☐ N/A	4.
Samples arrived within holding time:	☑ Yes ☐ No ☐ N/A	5.
Short Hold Time analyses (<72hr):	☑ Yes ☐ No ☐ N/A	6. pH, NO3
Rush Turn Around Time requested:	☐ Yes ☒ No ☐ N/A	7.
Sufficient volume:	☑ Yes ☐ No ☐ N/A	8.
Correct containers used:	☑ Yes ☐ No ☐ N/A	9.
-Pace containers used:	☑ Yes ☐ No ☐ N/A	
Containers intact:	☑ Yes ☐ No ☐ N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐ Yes ☐ No ☑ N/A	11.
Filtered volume received for dissolved tests	☐ Yes ☐ No ☑ N/A	12.
Sample labels match COC:	☑ Yes ☐ No ☐ N/A	13.
-Includes date/time/ID/analyses Matrix: water		
All containers needing preservation have been checked.	☑ Yes ☐ No ☐ N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑ Yes ☐ No ☐ N/A	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑ Yes ☐ No	Initial when completed JMS Lot # of added preservative
Trip Blank present:	☑ Yes ☐ No ☐ N/A	15.
Pace Trip Blank lot # (if purchased): 052812-3		
Headspace in VOA vials (>6mm):	☐ Yes ☑ No ☐ N/A	16.
Project sampled in USDA Regulated Area:	☐ Yes ☐ No ☒ N/A	17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] Date: 6/19/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

Pace Analytical
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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information:

Company:	CRA
Address:	6121 Indian School Rd NE, Ste 200
	Albequerque, NM 87110
Email To:	cmathews@craworld.com
Phone: (505)884-0672	Fax: (505)884-4932
Requested Due Date/TAT:	standard

Section B Required Project Information:

Report To:	Christine Mathews
Copy To:	Angela Bown, Kelly Blanchard
Purchase Order No.:	
Project Name:	Wingate
Project Number:	075006

Section C Invoice Information:

Attention:	ENFOS
Company Name:	ConocoPhillips
Address:	
Pace Quote Reference:	
Pace Project Manager:	Alice Tracy
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER NMOCD

Site Location STATE: NM

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 VOCs	8270 SVOCs	6010 Metals*	300.0 Sulfate, Chloride	2320 Alkalinity	353.2 Nitrate	5240 BOD	440.4 COD	9040 pH	2540 TDS	BTEX ONLY TMP BENZENE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GW-075006-062012-CM-WMW-3	WT	G	6.20.12	0840	3DG9H	1AG1U		2BP3U			X	X		1BP3N				X	X	X			X	X			60123718
2	GW-075006-062012-CM-WMW-5	WT	G	6.20.12	1100							X	X						X	X	X			X	X			01
3	GW-075006-062012-CM-WMW-4	WT	G	6.20.12	1150							X	X						X	X	X			X	X			03
4	GW-075006-062012-CM-WMW-2	WT	G	6.20.12	1240							X	X						X	X	X			X	X			04
5	GW-075006-062012-CM-DUP	WT	G	6.20.12	1230							X	X													X	X	05
6	WC-075006-062012-CM-DRUM	WT	G	6.20.12	1325				2BP3U				X		1BP2U							X	X	X		X		06
7	TB-075006-062012-CM-001	WT		6.20.12	1445	2DG9H							X													X		07
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Metals: As, Ba, Cd, Cr, Pb, Ag, Se, Ca, Na, Hg		6.20.12	1515		6-21-12	930	3.1	Y	Y	Y
split metals sample to send to Minn for uranium by 6020							3.6	Y	Y	Y

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	Christine Mathews
SIGNATURE of SAMPLER:	
DATE Signed (MM/DD/YY):	6.20.12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.08, 12-Oct-2007

Pace Analytical®
www.pacelabs.com

Sample Condition Upon Receipt – ESI Tech Specs

Client Name: CRA

Project #: 10123718

Courier: Fed Ex ☑ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☐ _____

Tracking #: 800702897410 7421

Pace Shipping Label Used? Yes ☐ No ☑

Optional
Proj Due Date:
Proj Name: 713

Custody Seal on Cooler/Box Present: Yes ☑ No ☐ Seals intact: Yes ☑ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☑ None ☐ Other ☑ ZPLC

Thermometer Used: (T-191) / T-194

Type of Ice: (Wet) Blue None (circle one) ☐ Samples received on ice, cooling process has begun.

Cooler Temperature: 3.1, 3.6

Temperature should be above freezing to 6°C

Date and initials of person examining contents: 6-21-12 BA

Chain of Custody present:	☑Yes ☐No ☐N/A	1.
Chain of Custody filled out:	☑Yes ☐No ☐N/A	2.
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	3.
Sampler name & signature on COC:	☑Yes ☐No ☐N/A	4.
Samples arrived within holding time:	☑Yes ☐No ☐N/A	5.
Short Hold Time analyses (<72hr):	☑Yes ☐No ☐N/A	6. NO3, pH
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	7.
Sufficient volume:	☑Yes ☐No ☐N/A	8.
Correct containers used:	☑Yes ☐No ☐N/A	
-Pace containers used:	☑Yes ☐No ☐N/A	9.
Containers intact:	☑Yes ☐No ☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes ☐No ☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	12.
Sample labels match COC:	☑Yes ☐No ☐N/A	
-Includes date/time/ID/analyses Matrix: WT		13.
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	14.
Exceptions: (VOA), coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes ☑No 89	Initial when completed / Lot # of added preservative
Trip Blank present:	☑Yes ☐No ☐N/A	
Pace Trip Blank lot # (if purchased): 052812-3		15.
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
		16.
Project sampled in USDA Regulated Area:	☐Yes ☐No ☑N/A	17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / (N) Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: KAF Date: 6/21/12

Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck sample temps.

Start: 1000	Start:
End: 1015	End:
Temp: 3.1	Temp:

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the NCDENR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 22, 2012

Kelly Blanchard

Conestoga-Rovers & Associates
6121 Indian School Rd. NE
Suite 200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: Wingate Pond Sampling OrderNo.: 1206827

Dear Kelly Blanchard:

Hall Environmental Analysis Laboratory received 5 sample(s) on 6/19/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **1206827**
Date Reported: **6/22/2012**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conestoga-Rovers & Associates
Project: Wingate Pond Sampling
Lab Order: 1206827

Lab ID: 1206827-001 **Collection Date:** 6/19/2012 10:15:00 AM
Client Sample ID: GW-075167-061912-CM-MW-2 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: **LBJ**
Total Coliform	<1	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM
E. Coli	<1	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM

Lab ID: 1206827-002 **Collection Date:** 6/19/2012 12:00:00 PM
Client Sample ID: SW-075167-061912-CM-E. Pond **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: **LBJ**
Total Coliform	>2419.6	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM
E. Coli	<1	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM

Lab ID: 1206827-003 **Collection Date:** 6/19/2012 12:05:00 PM
Client Sample ID: SW-075167-061912-CM-Dup **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: **LBJ**
Total Coliform	>2419.6	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM
E. Coli	14.8	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM

Lab ID: 1206827-004 **Collection Date:** 6/19/2012 1:40:00 PM
Client Sample ID: GW-075167-061912-CM-MW-3 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: **LBJ**
Total Coliform	<1	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM
E. Coli	<1	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM

Lab ID: 1206827-005 **Collection Date:** 6/19/2012 11:35:00 AM
Client Sample ID: GW-075167-061912-CM-MWR-1 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: **LBJ**
Total Coliform	<1	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM
E. Coli	<1	1.0		CFU/100ml	1	6/20/2012 5:50:00 PM

Qualifiers:	*/X Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	R RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	U	Samples with CalcVal < MDL

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: CONESTOGA-ROVERS & ASSOC. Work Order Number: 1206827

Received by/date: 06/19/12 1630

Logged By: **Ashley Gallegos** 6/19/2012 4:30:00 PM

Completed By: **Ashley Gallegos** 6/19/2012 4:35:22 PM

Reviewed By: 06/19/12

Chain of Custody

1.	Were seals intact?	Yes		No	Not Present	✔
2.	Is Chain of Custody complete?	Yes	✔	No	Not Present	
3.	How was the sample delivered?	Client				

Log In

4.	Coolers are present? (see 19. for cooler specific information)	Yes	✔	No	NA	
5.	Was an attempt made to cool the samples?	Yes	✔	No	NA	
6.	Were all samples received at a temperature of >0° C to 6.0°C	Yes	✔	No	NA	
7.	Sample(s) in proper container(s)?	Yes	✔	No		
8.	Sufficient sample volume for indicated test(s)?	Yes	✔	No		
9.	Are samples (except VOA and ONG) properly preserved?	Yes	✔	No		
10.	Was preservative added to bottles?	Yes		No ✔	NA	
11.	VOA vials have zero headspace?	Yes		No	No VOA Vials	✔
12.	Were any sample containers received broken?	Yes		No ✔		
13.	Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes	✔	No	# of preserved bottles checked for pH:	
14.	Are matrices correctly identified on Chain of Custody?	Yes	✔	No	(<2 or >12 unless noted)	
15.	Is it clear what analyses were requested?	Yes	✔	No	Adjusted?	
16.	Were all holding times able to be met? (If no, notify customer for authorization.)	Yes	✔	No	Checked by:	

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA ✔

Person Notified: Date:

By Whom: Via: eMail Phone Fax In Person

Regarding:

Client Instructions:

18. Additional remarks:

19. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.8	Good	Not Present			

Chain-of-Custody Record

Client: Conestoga-Rovers & Assoc.

Mailing Address: 6121 Indian School Rd. #200, Alb. NM 87110

Phone #: 505-884-0672

email or Fax#: CMathews@craworld.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Wingate Post Sampling

Project #: 075167

Project Manager: Kelly Blanchard

Sampler: Cassie Brown

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.8

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1206827
6/19/12	1015	water	GW-075167-060912-CM-MW2	plastic/1	Sodium thiosulfate	-001
~~6/19/12~~	~~1050~~	~~water~~	~~GW-075167-060912-CM-MW1~~	~~plastic/1~~	~~Sodium thiosulfate~~	CMB 6/19/12
6/19/12	1200	water	GW-075167-060912-CM-E.Pond	plastic/1	Sodium thiosulfate	-002
6/19/12	1205	water	GW-075167-060912-CM-dup	plastic/1	Sodium thiosulfate	-003
6/19/12	1340	water	GW-075167-060912-CM-MW3	plastic/1	Sodium thiosulfate	-004
6/19/12	1135	water	GW-075167-060912-CM-MW11	plastic/1	Sodium thiosulfate	-005

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	8270 Target Compounds				Air Bubbles (Y or N)
											X				
											~~X~~				
											X				
											X				
											X				
											X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
6/19/12	1650	Cassie Brown		06/19/12	1630
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.