GW - 054

MONITORING REPORTS

2007 Annual Report

TETRA TECH, INC.

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Albuquerque, NM 87110
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September 12, 2008

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

Subject: 2008 Annual Groundwater Monitoring Report
Groundwater Discharge Plan No. GW-054
ConocoPhillips Wingate Fractionating Plant
Gallup, New Mexico

Dear Mr. Price,

Tetra Tech 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 Frank Keys at the Wingate plant, (505) 863-1023.

Sincerely,

Kelly E. Blanchard

Kelly E. Blanchard
Project Manager/Geologist

Enclosures (1)

Cc: Frank Keys, ConocoPhillips

ANNUAL GROUNDWATER MONITORING REPORT SAMPLING EVENT OF 2008

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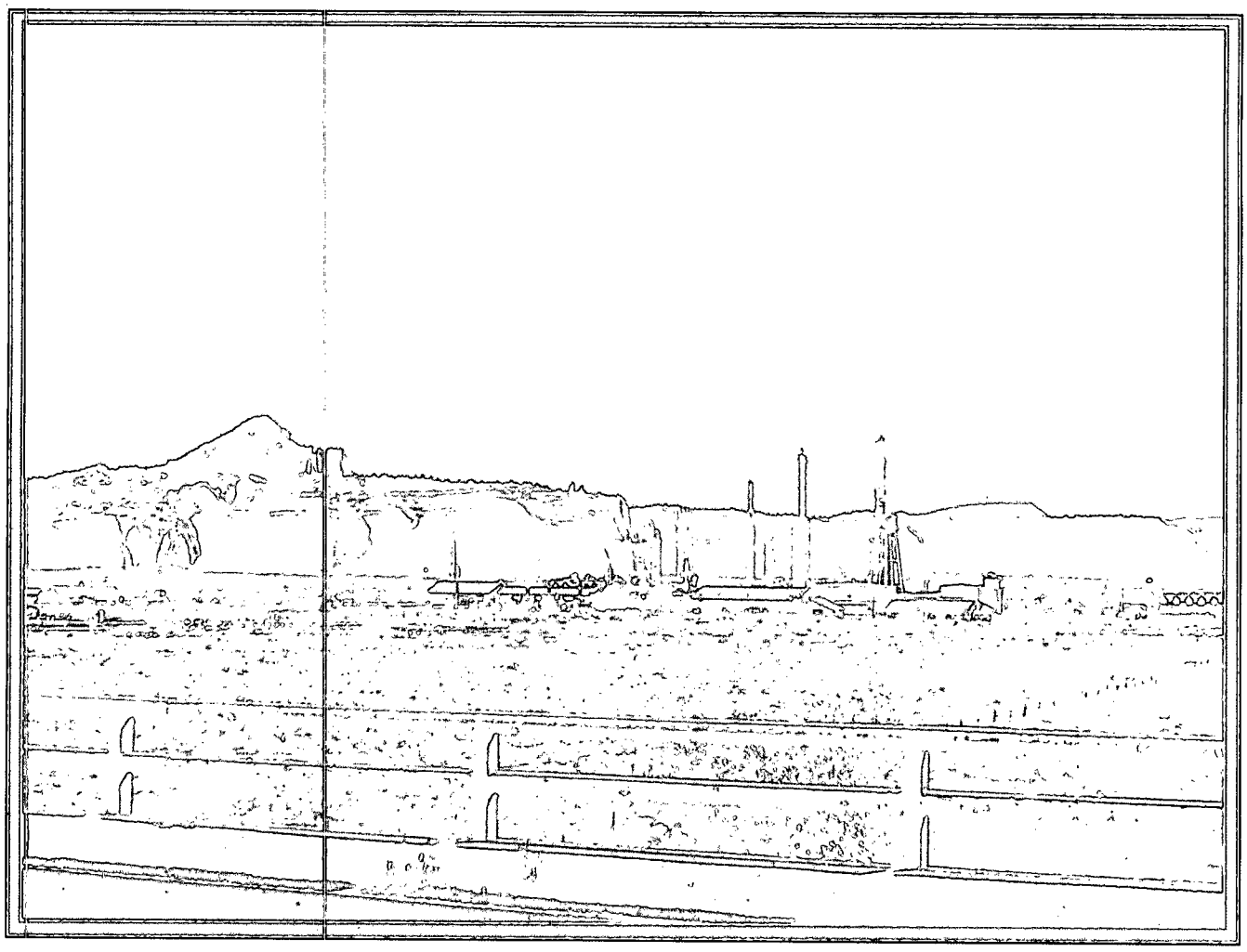
WINGATE FRACTIONATING PLANT

Gallup, New Mexico

IN COMPLIANCE WITH GROUNDWATER DISCHARGE PLAN GW-054



ConocoPhillips

TETRA TECH, INC.

ANNUAL GROUNDWATER MONITORING REPORT SAMPLING EVENT OF 2008

WINGATE FRACTIONING PLANT
Gallup, New Mexico

IN COMPLIANCE WITH GROUNDWATER DISCHARGE PLAN GW-054

Prepared For:

ConocoPhillips
Wingate Fractionating Plant
68 El Paso Circle
Gallup, New Mexico 87301

Prepared By:

Tetra Tech, Inc.
6121 Indian School Rd. Suite 200
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(505) 237-8440

ConocoPhillips Work Order No.: 4506659939
Tetra Tech Project No.: 8690094

August 22, 2008

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1.0 INTRODUCTION AND SITE HISTORY

The Wingate Fractionating Plant is located in portions of Sections 9, 10, 15, 16, and 17, Township 15 North, Range 17 West, NMPM, McKinley County, New Mexico. Figure 1 illustrates the site location. A Groundwater Discharge Plan for the Wingate Plant was first approved by the New Mexico Oil Conservation Division (OCD) on August 17, 1992.

Four monitoring wells were installed during June 2003. Three of these wells surround the evaporation ponds and one is located on the east side of the plant. Two of the wells surrounding the evaporation pond were installed above the groundwater table in order to determine if leakage from the ponds is occurring. MWR-1 was a re-drill of MW-1, which was damaged. To date there has been no indication of water in the two wells installed above the groundwater table.

In a letter dated March 24, 2004, OCD approved the current Groundwater Discharge Plan, GW-054, with amended conditions contained in an attachment to the plan. On September 22 and 23, 2004 two monitoring wells were installed as specified in the discharge plan amended conditions.

In accordance with Groundwater Discharge Plan GW-054, Tetra Tech conducted an annual groundwater sampling event on June 30 through July 2, 2008. The results are presented in this report.

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 south end of the site. Two evaporation ponds, which are used and maintained by ConocoPhillips, are located west of the site, and are surrounded by a chain-link fence. All monitoring wells are on ConocoPhillips property except for WMW-8, which is on property belonging to El Paso Natural Gas. A site layout map 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 (msl), 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 msl. To the north of the plant, a red sandstone escarpment rises 400 feet above the valley to an elevation of approximately 7,000 feet msl. 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 8 feet bgs in well casing, suggesting confined aquifer conditions. The hydraulic gradient, calculated using groundwater elevation data collected during the June 2008 sampling event, varies across the site, but estimated at approximately 0.0079 ft/ft. Table 1 lists well completion information and groundwater elevations. During the 2008 sampling event, the groundwater flow direction was predominantly

to the northwest. This is consistent with previous data. Groundwater potentiometric contours are presented in Figure 2.

There are currently thirteen monitoring wells on and surrounding the site. Figure 2 illustrates the monitoring well locations.

3.0 GROUNDWATER SAMPLING METHODOLOGY

Tetra Tech performed groundwater monitoring activities from June 30 through July 2, 2008. Groundwater depths were measured using an electronic water level indicator and used to calculate the water volume in each well. An oil/water interface probe was used to measure groundwater depth in WMW-2 and check for the presence of free product. Before and after each use, the water level indicator and interface probe were cleaned with soap and water, then rinsed with methanol/de-ionized water solution, and de-ionized water. Graphs presenting groundwater elevations versus time for each monitoring well are presented in Appendix A. Water was purged from the wells until field parameters of 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 QED Hydrolab® instrumented flow-through cell. The pump and flow-through cell were decontaminated before each use by circulating Alconox® soap and de-ionized water solution through the pump followed by circulating a de-ionized water rinse. The purpose of the purge was to obtain a groundwater sample that would be representative of aquifer conditions rather than possible stagnant conditions in the well.

Following purging, groundwater samples were collected through vinyl tubing attached to the pump and placed into laboratory prepared sample containers. Disposable nitrile gloves were worn by sampling personnel and were changed at each well location. The pump and tubing were decontaminated following each well sampling by circulating Alconox® soap and de-ionized water solution through the pump followed by circulating a de-ionized water rinse. WMW-2, the monitoring well known to contain constituents of concern (COCs), was sampled last.

Following collection, the sample containers were immediately labeled, placed on ice, and chilled to approximately 4° C. Samples were submitted to Southern Petroleum Laboratory in Houston, Texas for analyses of benzene, toluene, ethylbenzene, and total xylene (BTEX) by Environmental Protection Agency (EPA) Method 8260B; semi-volatile organics by EPA Method 8270; chloride, sulfate, and nitrate by EPA Method 300.0A; alkalinity by EPA Method 310.1; metals including mercury, arsenic, barium, calcium, cadmium, chromium, magnesium, selenium, silver, sodium, and lead by EPA Method 6010B; total dissolved solids (TDS) by EPA Method 160.1, and pH by EPA Method 150.1. Results for these analyses are presented in Table 2, Groundwater analysis summary (Data Set 1). The samples collected from the evaporation pond area (MWR-1, MW-2, and MW-3, East Pond and West Pond) were also analyzed for Biochemical Oxygen Demand, (BOD), Chemical Oxygen Demand (COD), and total coliform analyses under Environmental Protection Agency (EPA) procedures 405.1, 410.1, and Standard Method (SM) 19, 1995 9223B, respectively. Results for these analyses are presented in Table 3, Groundwater analysis summary (Data Set 2). Analytical results were compared to the New

Mexico Water Quality Control Commission (NMWCC) (20.6.2.3103) Part A Human Health Standards and Part B Other Standards for Domestic Water Supply.

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

4.0 GROUNDWATER ANALYTICAL RESULTS

The 2008 groundwater analytical results are presented in Tables 2 and 3. Graphs depicting selected analytical results versus time for each well are presented in Appendix A. The laboratory analytical report and chain-of-custody is presented in Appendix B.

4.1 Evaporation Pond Perimeter Monitoring Wells and Evaporation Pond Surface Water Samples

MWS-1 and MWS-2 are the shallow vadose-zone wells installed to monitor possible evaporation pond leakage. These wells were installed at a depth of 15 feet and were screened from 5 to 15 feet. They were dry at the time they were constructed and were also dry at the time of the sampling fieldwork. Thus, no samples were collected from these wells.

The samples from MWR-1, MW-2, and MW-3 contained no detectable BTEX or BOD. MWR-1 and MW-2 results for COD were lower than historical results. The COD result for MW-3 was comparable to historical results for this well. The samples from MWR-1 and MW-2 were below laboratory detection limits for coliform. MW-3 contained a coliform concentration of 12/100 ml. Analytical result concentrations from MWR-1 and MW-3 did not exceed NMWQCC Standards for Human Health. The MW-2 sample had a TDS concentration of 1,050 milligrams per liter (mg/L), which is above the NMWQCC standard of 1,000 mg/L.

The East Evaporation Pond sample had a COD result lower than the historical results. The sample from the East Evaporation Pond was below the laboratory detection limit for BOD and coliform. The East Evaporation Pond sample contained sulfate, chloride, and TDS concentrations above the NMWQCC standards.

The West Evaporation Pond sample contained a COD concentration of 2,940 mg/L. This result is lower than the 2007 result. The sample from the West Evaporation Pond was below the laboratory detection limit for coliform and had a BOD concentration of 30.8 mg/L. The West Evaporation Pond sample contained chloride, sulfate, and TDS concentrations above the NMWQCC standards.

4.2 Wingate Facility and Surrounding Monitoring Wells

Monitoring wells WMW-1, WMW-3, WMW-4, WMW-5, WMW-6, WMW-7, and WMW-8, contained no detectable BTEX. The sample collected from WMW-2 contained 7,700 micrograms per liter (µg/L) benzene. This concentration is above the NMWQCC Standard for Human Health of 10 µg/L for benzene. The benzene concentration in WMW-2 has decreased significantly since the 2005 groundwater sampling event, which resulted in a concentration of

29,000 µg/L, due to the introduction of Regenesis™ Oxygen Release Compound socks into the well. Toluene, ethylbenzene, and xylenes were detected in WMW-2 at levels below the NMWQCC Standards for Human Health. BTEX was not detected in WMW-4 or WMW-7, located down-gradient of WMW-2, suggesting that the benzene impact is stable.

The samples collected from WMW-1, WMW-2, and WMW-3 contained chloride concentrations above the NMWQCC standard of 250 mg/L. Chloride concentrations have remained relatively constant since the 2005 sampling event.

The samples collected from WMW-1, WMW-3, and WMW-5 contained sulfate and total dissolved solids (TDS) concentrations above the NMWQCC standards. The samples collected from WMW-4, WMW-6 and WMW-7 contained TDS concentrations above the NMWQCC standard. Even though these values exceed the standards for sulfate and/or TDS, the concentrations have remained relatively constant since the 2005 sampling event.

Figure 1: Site Location Map

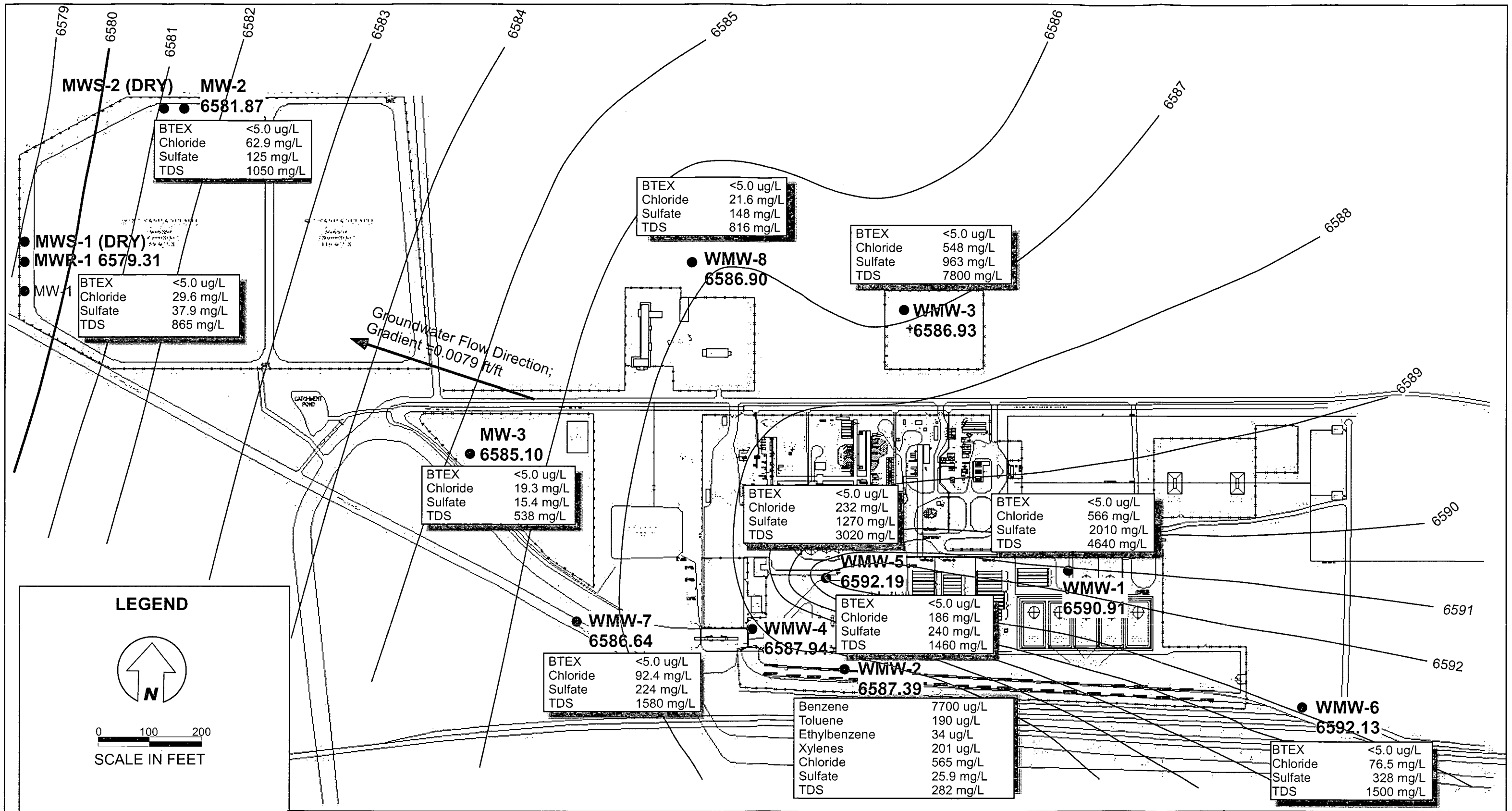
CONOCOPHILLIPS WINGATE GAS FRACTIONATING PLANT
GALLUP, NEW MEXICO

ConocoPhillips

Approximate Boundary of the Wingate Plant
Evaporation Ponds Used for Facility Waste Water
Approximate Boundary of Wingate property

TETRA TECH, INC.

Aerial Photo of portion of U.S.G.S. Gallup East, New Mexico, 7.5 minute Topographic Map, 1979



ConocoPhillips Wingate Gas Fractionating Plant
Gallup, New Mexico

FIGURE 2: Site Map with Groundwater Potentiometric Surface Contours and Analytical Results

ConocoPhillips

TETRA TECH, INC.

TABLES

Table 1. 2008 Groundwater elevations, Wingate Fractionating Plant, Gallup, New Mexico

Well ID	TOC Elevation (ft above msl)	Screened Interval (ft)	Total Depth (ft bgs)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft)
MWR-1	6585.13	20 - 45	45	5.82	**6579.31**
MW-2	6585.91	20 - 45	45	4.04	**6581.87**
MW-3	6590.08	20 - 45	45	4.98	**6585.10**
WMW-1	6597.13	5 - 15	15	6.22	**6590.91**
WMW-2	6594.88	5 - 20	20	7.49	**6587.39**
WMW-3	6594.92	5 - 20	20	7.99	**6586.93**
WMW-4	6595.49	5 - 20	20	7.55	**6587.94**
WMW-5	6597.11	5 - 20	20	4.92	**6592.19**
WMW-6	6603.86	20-35	35	11.73	**6592.13**
WMW-7	6594.7	16-38	38	8.06	**6586.64**
WMW-8	6594.05	17-38	38	7.15	**6586.90**

Explanation

bgs - below ground surface
ft - feet
msl - mean sea level
MW - Monitor Well
MWR - Redrilled Monitor Well
TOC - top of casing
WMW - Monitor well within the Wingate site boundary

Table 2. Groundwater analysis summary (Data Set 1), 2003 through 2008, Wingate Fractionating Plant, Gallup, New Mexico

Sample Location	Date Sampled	SW846 8260B Micrograms per Liter (ug/L)					SW846 6010B Milligrams per Liter (mg/L)											MCAWW 300.0A (mg/L)			SW846 8270 (ug/L)	EPA 150.1 (units)	MCAWW 310.1 (mg/L)	MCAWW 160.1 (mg/L)
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-GRO	Mercury	Arsenic	Barium	Calcium	Cadmium	Chromium	Magnesium	Selenium	Silver	Iron	Sodium	Lead	Chloride	Nitrate	Sulfate	Naphthalene	pH	Alkalinity	TDS
MWR-1	07/31/03	<0.5	<0.7	<0.8	<0.8	ND	<0.00016	0.0114	**1.87**	92.4	<0.00087	**0.0522**	46.1	0.0086	<0.0018	NA	397	**0.0562**	154	<0.40	147	NA	7.9	725	**1,340**
	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.00028	<0.0047	0.252	12.5	<0.00076	<0.0025	7.56	<0.0059	<0.0020	NA	291	<0.0100	30.5	<0.40	27.0	<1	8.0	553	712
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.191	10.2	<0.00097	<0.0048	6.02	<0.0094	<0.0020	NA	278	<0.0084	30.5	<0.40	38.0	<1	7.9	611	775
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.221	11.1	<0.00091	<0.0023	6.61	<0.0094	<0.0016	NA	317	<0.0069	24.3	0.26	43.6	<1	8.1	611	684
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	0.000058	<0.01	0.728	31.3	<0.00090	0.0176	15.2	<0.0094	<0.0016	NA	331	0.0126	34.1	<0.25	58.8	<1	8.2	705	886
	07/01/08	<5.0	<5.0	<5.0	<5.0	NS	<0.0002	<0.005	0.225	10.9	<0.005	<0.005	6.53	<0.005	<0.005	3	299	<0.005	29.6	<1	37.9	<5	8.1	579	865
MWS-1																									
MWS-2		Dry Wells; Not Sampled																							
MW-2	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	0.21	14.7	<0.002	<0.005	7.9	NA	NA	NA	418	<0.003	64.4	<0.5	102	<9.6	NA	770	**1,140**
	09/24/04	<0.5	<0.7	<0.8	<0.8	ND	<0.000028	0.0131	0.126	6.30	<0.00076	<0.0025	2.96	<0.0059	<0.0020	NA	321	<0.0100	29.6	<0.40	4.4	<0.9	8.3	718	860
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	0.0196	0.141	6.45	<0.00097	<0.0048	3.14	<0.0094	<0.0020	NA	310	<0.0084	38.9	<0.40	18.6	<1	8.2	708	878
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	0.0212	0.141	7.16	<0.00091	<0.0023	3.57	<0.0094	<0.0016	NA	384	<0.0069	38.6	<0.25	22.9	<1	8.2	712	908
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	0.0190	0.139	6.73	<0.00090	<0.0023	3.41	<0.0094	<0.0016	NA	284	<0.0069	33.0	1.3	13.3	<1	8.3	708	888
	07/02/08	<5.0	<5.0	<5.0	<5.0	NS	<0.0002	0.00783	0.223	13.2	<0.005	<0.005	9.6	<0.005	<0.005	.601	361	<0.005	62.9	<0.5	125	<5	7.77	626	**1,050**
MW-3	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	<0.2	28.7	<0.002	<0.005	13.5	NA	NA	NA	149	<0.003	19.2	<0.5	15.5	<9.6	NA	428	542
	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.00028	<0.0047	0.150	27.9	<0.00076	<0.0025	13.4	<0.0059	<0.0020	NA	156	<0.0100	19.6	<0.40	14.6	<1	7.8	419	493
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	0.0108	0.160	26.6	<0.00097	<0.0048	12.8	<0.0094	<0.0020	NA	144	0.0084	20.6	<0.40	13.3	<1	7.6	415	488
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.010	0.16	27.4	<0.00091	<0.0023	13.3	<0.0094	<0.0016	NA	161	<0.0069	19.5	<0.25	14.9	<1	7.7	394	507
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.010	0.143	28.4	<0.00090	<0.0023	13.5	<0.0094	<0.0016	NA	170	<0.0069	22.1	<0.25	17.3	<1	7.7	417	510
	07/01/08	<5.0	<5.0	<5.0	<5.0	NS	<0.002	0.0388	0.307	27.5	<0.005	<0.005	13.2	<0.005	<0.005	4.66	151	<0.005	19.3	<1	15.4	<5	7.64	382	538
WMW-1	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	<0.2	258	<0.002	<0.005	69.7	NA	NA	NA	1,140	<0.003	**648**	<0.5	**1,870**	<9.8	NA	1050	**5,090**
	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	<0.0047	0.0256	236	<0.00076	0.0025	63.8	0.0059	0.002	NA	1,370	<0.0100	**627**	<0.40	**1,880**	<1	7.8	1,030	**5,150**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0177	224	<0.00097	<0.0048	61.1	<0.0094	<0.0020	NA	1,370	<0.0084	**614**	<0.40	**1,760**	<1	7.0	1,060	**5,140**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0706	279	<0.00091	0.003	76.8	<0.0094	<0.0016	NA	1,310	<0.0069	**609**	<0.25	**1,940**	<1	7.1	1,030	**5,150**
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0317	287	<0.00090	<0.0023	77.2	<0.0094	<0.0018	NA	1,310	<0.0069	**579**	<0.25	**1,880**	<1	7.2	1,050	**5,130**
	06/30/08	<5.0	<5.0	<5.0	<5.0	NS	<0.0002	<0.005	0.0478	228	<0.005	<0.005	63.7	<0.005	<0.005	1.92	1,210	<0.005	**566**	<0.5	**2,010**	<5	6.78	998	**4,640**
WMW-2	05/14/03	**29,000**	<500	<500	**<1,000**	NS	NA	0.016	0.42	47.3	0.0081	0.0095	27.4	NA	NA	NA	1,140	0.0180	**628**	0.6	8.2	24	NA	1,710	**3,150**
	09/24/04	**28,000**	450	110	**650**	NS	<0.000028	<0.0047	0.421	57.2	0.0036	<0.0025	33.8	<0.0059	<0.0020	NA	1,510	0.0100	**936**	<0.40	<1.5	21	7.6	2,110	**4,220**
	06/21/05	**29,000**	350	110	**570**	NS	<0.000062	<0.0093	0.442	53.6	0.0047	<0.0048	32.3	<0.0094	<0.0020	NA	1,450	<0.0084	**962**	<0.40	<1.5	17	7.5	2,090	**3,800**
	duplicate	**25,000**	62	84	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/21/06	**5,300**	15	24	150	NS	<0.000056	<0.01	0.0841	4.04	<0.00091	<0.0023	190	<0.0094	<0.0016	NA	1,050	<0.0069	**730**	<0.25	74	3	9.9	2,000	**3,400**
	duplicate	**5,300**	15	24	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/07	**7,200**	90	40	280	NS	<0.000056	0.0138	0.102	19.3	0.0065	0.0064	104	<0.0094	<0.0016	NA	712	<0.0069	**468**	<0.25	76.9	9	9.9	1,200	**1,900**
	duplicate	**5,200**	87	39	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/02/08	**7,700**	190	34	201	NS	<0.0002	0.00993	0.411	128	0.131	0.029	110	<0.005	<0.005	NA	852	0.0288	**565**	<0.5	25.9	6	9.31	1,220	282
	duplicate	**7,900**	220	56	346	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
WMW-3	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	0.014	0.62	186	<0.002	**0.19**	88.5	NA	NA	NA	1,860	0.042	**1,150**	1.5	**1,680**	<9.5	NA	1,090	**5,570**
	09/25/04	<0.5	<0.7	<0.8	<0.8	NS	<0.00028	0.0351	**1.14**	470	0.0012	**0.905**	216	<0.0059	<0.0020	NA	1,810	**0.250**	**985**	<0.40	**1,410**	<10	7.5	1,700	**6,030**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.210	112	<0.00097	0.0421	48.0	<0.0094	<0.0020	NA	1,700	0.0112	**1,030**	<0.40	**1,380**	<1	7.5	1,230	**5,590**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	0.00012	<0.01	0.468	155	<0.00091	0.0996	73.8	<0.0094	<0.0016	NA	1,850	0.0339	**1,150**	<0.25	**1,580**	<1	7.5	1,210	**5,640**
	06/20/07	<0.5	<0.7	<0.8	<0.8	NS	0.000076	0.0107	0.320	199	<0.00090	0.0701	70.4	<0.0094	<0.0016	NA	2,040	0.0292	**1,540**	1.5	**1,950**	<10	7.5	1,520	**5,900**
	07/02/08	<5.0	<5.0	<5.0	<5.0	NS	<0.002	0.0187	2.05	336	<0.005	0.31	157	<0.005	<0.005	230	1,500	0.158	**548**	<5	**963**	<5.4	7.54	964	**7,800**

Table 2. Groundwater analysis summary (Data Set 1), 2003 through 2008, Wingate Fractionating Plant, Gallup, New Mexico

Sample Location	Date Sampled	SW846 8260B Micrograms per Liter (ug/L)					SW846 6010B Milligrams per Liter (mg/L)												MCAWW 300.0A (mg/L)			SW846 8270 (ug/L)	EPA 150.1 (units)	MCAWW 310.1 (mg/L)	MCAWW 160.1 (mg/L)
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-GRO	Mercury	Arsenic	Barium	Calcium	Cadmium	Chromium	Magnesium	Selenium	Silver	Iron	Sodium	Lead	Chloride	Nitrate	Sulfate	Naphthalene	pH	Alkalinity	TDS
WMW-4	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	0.28	37.3	<0.002	0.006	16.8	NA	NA	NA	550	**16.8**	133	<0.5	240	<9.7	NA	783	**3,070**
	07/30/03	<0.5	<0.7	<0.8	<0.8	53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/04	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	0.0077	0.0435	12.5	<0.00076	<0.0025	13.1	<0.0059	0.0020	NA	553	<0.0100	149	<0.40	247	<1	7.8	788	**1,550**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0449	11.7	<0.00097	<0.0048	12.5	<0.0094	<0.0020	NA	529	<0.0084	152	<0.40	243	<1	7.8	764	**1,470**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0414	12	<0.00091	<0.0023	12.8	<0.0094	<0.0016	NA	532	<0.0069	163	<0.25	266	<1	7.8	722	**1,480**
	06/20/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0782	15	<0.00090	0.0039	13.8	<0.0094	<0.0016	NA	582	<0.0069	184	<0.25	265	<1	8.0	765	**1,380**
	06/30/08	<5.0	<5.0	<5.0	<5.0	NS	<0.0002	<0.005	0.0463	12.1	<0.005	<0.005	0.248	<0.005	<0.005	.963	526	<0.005	186	<0.5	240	<5	7.54	672	**1,460**
WMW-5	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	<0.2	332	<0.002	<0.005	98	NA	NA	NA	1,310	<0.003	**598**	<0.5	**2,380**	<9.5	NA	895	**5,530**
	07/30/03	<0.5	<0.7	<0.8	<0.8	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/04	<0.5	<0.7	<0.8	<0.8	NS	0.000044	<0.0047	0.0117	186	<0.00076	<0.0025	48.8	<0.0059	<0.0020	NA	915	<0.0100	**307**	<0.40	**1,330**	<1	7.1	788	**3,410**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0137	187	<0.00097	<0.0048	50.5	<0.0094	<0.0020	NA	834	<0.0084	**334**	<0.40	**1,400**	<1	7.0	693	**3,300**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0076	144	<0.00091	<0.0023	38.7	<0.0094	<0.0016	NA	730	<0.0069	224	<0.25	**1,210**	<1	7.1	680	**2,380**
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0213	253	<0.00090	<0.0023	69	<0.0094	<0.0016	NA	1,170	<0.0069	**383**	<0.25	**1,730**	<1	7.2	796	**4,380**
	06/30/08	<0.5	<0.5	<0.5	<0.5	NS	<0.0002	<0.005	0.0163	137	<0.005	<0.005	41.4	<0.005	<0.005	.562	811	<0.005	232	<0.5	**1,270**	<5	7.15	548	**3,020**
WMW-6	09/24/04	<0.5	<0.7	<0.8	<0.8	ND	<0.000028	<0.0047	0.0517	34.4	<0.00076	<0.0025	13.2	<0.0059	<0.0020	NA	315	<0.0100	57.5	<0.40	285	<1	7.8	425	**1,020**
	06/21/05	<0.5	<0.7	<0.8	<.08	NS	<0.000062	<0.0093	0.0490	35.9	<0.00097	<0.0048	13.4	<0.0094	<0.0020	NA	294	<0.0084	58.8	<0.40	290	<1	7.7	428	952
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.049	38.1	<0.00091	<0.0023	14.1	0.0094	<0.0016	NA	300	<0.0069	58.9	<0.25	293	<1	7.7	488	966
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0637	44.3	<0.00090	<0.0023	15.5	0.0094	<0.0016	NA	320	<0.0069	66.7	<0.25	280	<1	7.7	449	**1,070**
	07/01/08	<5.0	<5.0	<5.0	<5.0	NS	<0.0002	0.0119	2.34	194	<0.005	0.0863	56.3	<0.005	<0.005	77	317	0.0545	76.5	<1	328	<5	7.82	451	**1,500**
WMW-7	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	<0.0047	0.179	35.5	<0.00076	0.0074	15.8	<0.0059	<0.0020	NA	362	<0.0100	63.7	<0.40	309	<1	7.7	526	**1,200**
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0394	48.0	<0.00097	<0.0048	25.4	<0.0094	<0.0020	NA	803	<0.0084	170	<0.40	**1,120**	<1	7.7	630	**2,590**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0315	42.2	<0.00091	<0.0023	22.2	<0.0094	<0.0016	NA	776	<0.0069	234	<0.25	**1,080**	<1	7.6	589	**2,360**
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0339	42.9	<0.00090	<0.0023	21.8	<0.0094	<0.0016	NA	773	<0.0069	152	<0.25	**896**	<1	7.7	643	**2,310**
	06/30/08	<5.0	<5.0	<5.0	<5.0	NS	<0.0002	<0.005	0.198	50.5	<0.005	0.0137	24.9	<0.005	<0.005	15.3	478	0.00946	92.4	<0.5	224	<5	7.34	514	**1,580**
WMW-8	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	<0.0047	0.213	36.1	<0.00076	<0.0025	17.6	<0.0059	<0.0020	NA	218	<0.0100	27.0	<0.40	130	<1	7.8	440	753
	06/21/05	<0.5	<0.7	<.08	<0.8	NS	<0.000062	<0.0093	0.126	29.3	<0.00097	<0.0048	14.7	<0.0094	<0.0020	NA	279	<0.0084	42.9	<0.40	169	<1	7.7	497	882
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.151	28.9	<0.00091	<0.0023	14.8	<0.0094	<0.0016	NA	286	<0.0069	NA[2]	<0.25	NA[2]	<1	NA[2]	506	NA[2]
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.171	295	<0.00090	<0.0023	186	<0.0094	<0.0016	NA	186	<0.0069	28.5	<0.25	143	<1	7.6	487	795
	07/01/08	<5.0	<5.0	<5.0	<5.0	NS	<0.002	<0.005	0.185	38.5	<0.005	<0.005	18.2	<0.005	<0.005	.083	214	<0.005	21.6	<0.5	148	<5	7.6	425	816
West Pond	09/23/04	<10	<14	<16	<16	NS	<0.000028	0.0362	0.0858	698	<0.00076	0.0051	8,830	0.0199	<0.0020	NA	57,900	<0.0100	**90,300**	**<80**	**29,500**	<1	8.5	469	**209,000**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	0.0253	0.103	539	0.0016	<0.0048	4,950	0.0145	0.0077	NA	142,000	<0.0840	**180,000**	**<1600**	**16,400**	<1	7.7	357	**369,000**
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	0.00012	0.0193	0.0591	34.4	<0.00090	<0.0023	18.1	<0.0094	0.0069	NA	283	<0.0069	**36,000**	<2.5	**19,600**	<1	7.9	416	**361,000**
	07/02/08	<5.0	<5.0	<5.0	<5.0	NS	<0.0002	0.0468	0.0207	257	<0.005	0.0062	14,800	0.00788	<0.005	.223	59,900	<0.005	**153,000**	<50	**15,400**	<5.5	7.46	799	**285,000**
East Pond	09/23/04	<3	<4	<4	<4	NS	<0.000028	<0.0047	0.0730	1,080	<0.00076	0.0029	625	0.0061	<0.0020	NA	12,400	<0.0100	**19,600**	<0.40	**6,690**	<1	9.8	148	**46,200**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0731	1,010	<0.00097	<0.0048	488	<0.0094	<0.0020	NA	9,560	<0.0084	**13,000**	<0.40	**5,090**	<1	10.4	110	**31,100**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	0.0113	0.117	1,400	<0.00091	<0.0023	889	<0.0094	<0.0016	NA	9,640	<0.0069	**13,000**	<0.25	**9,180**	<1	10.4	156	**34,800**
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0667	251	<0.00090	<0.0023	161	<0.0094	<0.0016	NA	4,340	<0.0069	**5,720**	1.3	**5,860**	<1	9.8	103	**19,700**
	07/02/08	<5.0	<5.0	<5.0	<5.0	NS	<0.002	<0.005	0.0813	1,070	<0.005	<0.005	<0.005	<0.005	<0.005	.02	3,890	<0.005	**4,880**	<5.0	**7,690**	<5.0	10	76	**16,200**
NMWQCC Groundwater Standards for Human Health or Domestic Water Supply		**10**	**750**	**750**	**620**	**NE**	**0.002**	**0.1**	**1.0**	**NE**	**0.01**	**0.05**	**NE**	**NE**	**0.05**	**1.0**	**NE**	**0.05**	**250**	**44[1]**	**600**	**30**		**NE**	**1,000**

Explanation

[1]Converted from 10 mg/L to 44 mg/L for Nitrate as NO3

[2]Due to an error on the chain-of-custody, WMW-8 was not analyzed for the presense of Chloride, Sulfate, pH, or TDS.

MCAWW - "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, subsequent revisions included

MW - Monitoring Well

MWR - Redrilled Monitor Well

MWS - Shallow Monitor Well

NA - Not Analyzed

ND - Not detected above laboratory detection limits

NE - Not established by NMWQCC

NMWQCC - New Mexico Water Quality Control Commission

NS - Not Sampled

SW846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986, updates included

Values in bold indicate an exceedance of the NMWQCC standard

Table 3. Groundwater analysis summary (Data Set 2), 2003 through 2008, Wingate Fractionating Plant, Gallup, New Mexico

Sample Location	Date Sampled	EPA 405.1	EPA 410.1	Standard Method 19, 1995, 9223B
		BOD	COD	Total Coliform
MWR-1	07/31/03	9.2 mg/L	32.1 mg/L	NS
	09/24/04	11.0 mg/L	20.6 mg/L	<1.0/100 ml
	06/21/05	<3.5 mg/L	12.9 mg/L	<1.0/100 ml
	06/21/06	<5.0 mg/L	16.7 mg/L	<1.0/100 ml
	06/19/07	15.9 mg/L	68.5 mg/L	<1.0/100 ml
	07/01/08	<2.0 mg/L	9.41 mg/L	<1.0/100 ml
MW-2	09/24/04	<6.0 mg/L	26.7 mg/L	<1.0/100 ml
	06/21/05	<2.5 mg/L	32.4 mg/L	<1.0/100 ml
	06/21/06	<5.8 mg/L	28.3 mg/L	<1.0/100 ml
	06/19/07	<3.8 mg/L	29 mg/L	<1.0/100 ml
	07/02/07	<2.0 mg/L	7.23 mg/L	<1.0/100 ml
MW-3	05/14/03	<4 mg/L	ND	NS
	09/24/04	5.2 mg/L	<1.4 mg/L	<1.0/100 ml
	06/21/05	<2.2 mg/L	7.4 mg/L	<1.0/100 ml
	06/21/06	<2.0 mg/L	6.8 mg/L	<1.0/100 ml
	06/19/07	<2.5 mg/L	19.7mg/L	NA[1]
	07/01/08	<2.0 mg/L	7.06 mg/L	12/100 ml
MWS-1	Dry Wells; Not Sampled			
MWS-2				
East Pond	09/23/04	18.9 mg/L	150 mg/L	<200.5/100 ml
	06/21/05	8.7 mg/L	105 mg/L	>200.5/100 ml
	06/21/06	<11.9 mg/L	147 mg/L	8.7/100 ml
	06/19/07	<9.8 mg/L	462 mg/L	>200.5/100 ml
	07/02/08	<2.0 mg/L	94 mg/L	<1.0/100 ml
West Pond	09/23/04	62.5 mg/L	1210 mg/L	<1.0/100 ml
	06/21/05	7.5 mg/L	775 mg/L	<1.0/100 ml
	06/19/07	<42.4[2]	10200 mg/L	<1.0/100 ml
	07/02/08	30.8 mg/L	2940 mg/L	<1.0/100 ml

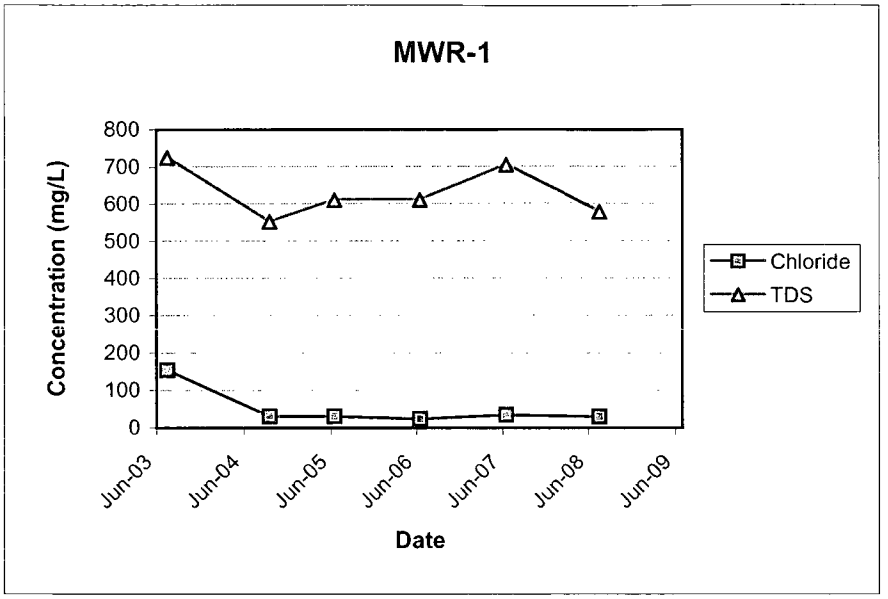
Explanation

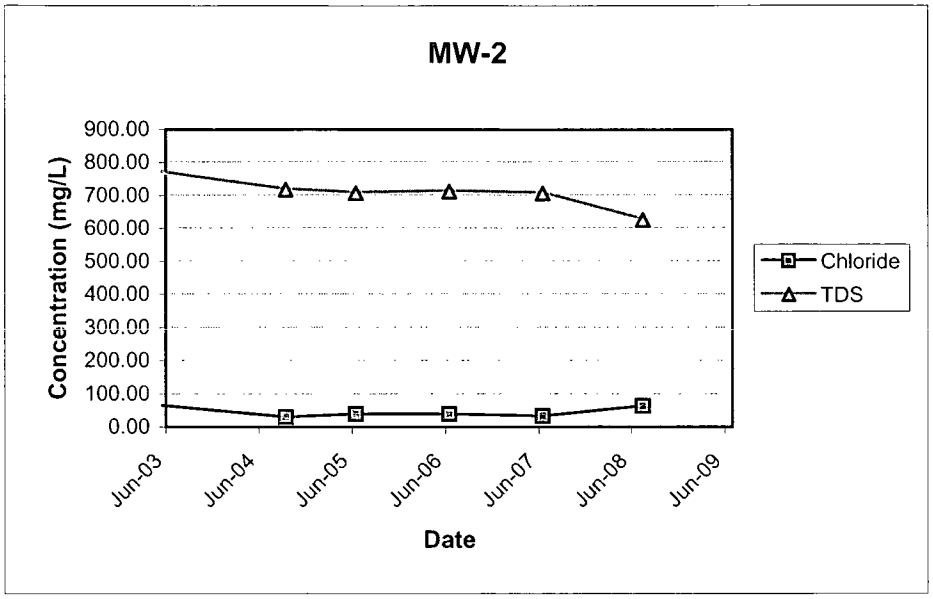
[1]The sample was positive for chlorine and therefore was considered invalid and could not be analyzed
[2]Estimated BOD result
BOD - Biological Oxygen Demand
COD - Chemical Oxygen Demand
MW - Monitor Well
MWR - Redrilled Monitor Well
MWS - Shallow Monitor Well
NA - Not Analyzed
ND - Not detected above laboratory detection limits
NS - Not Sampled

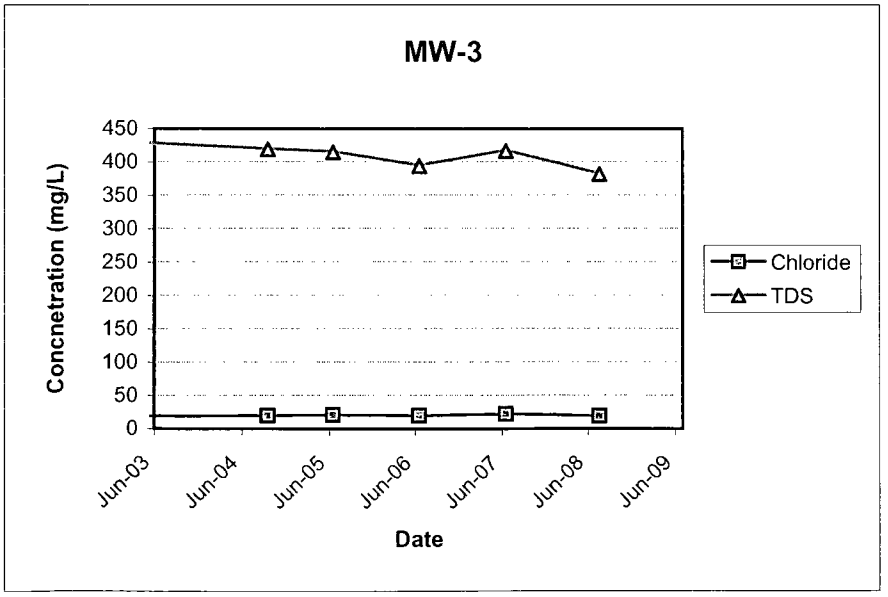
APPENDIX A

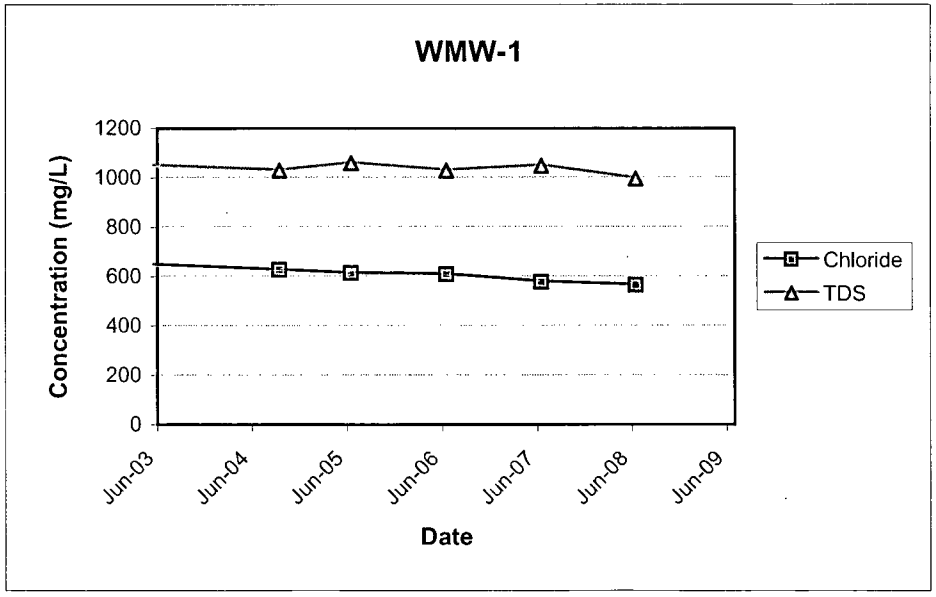
Time versus Analytical Concentration and Groundwater Elevation Graphs

Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

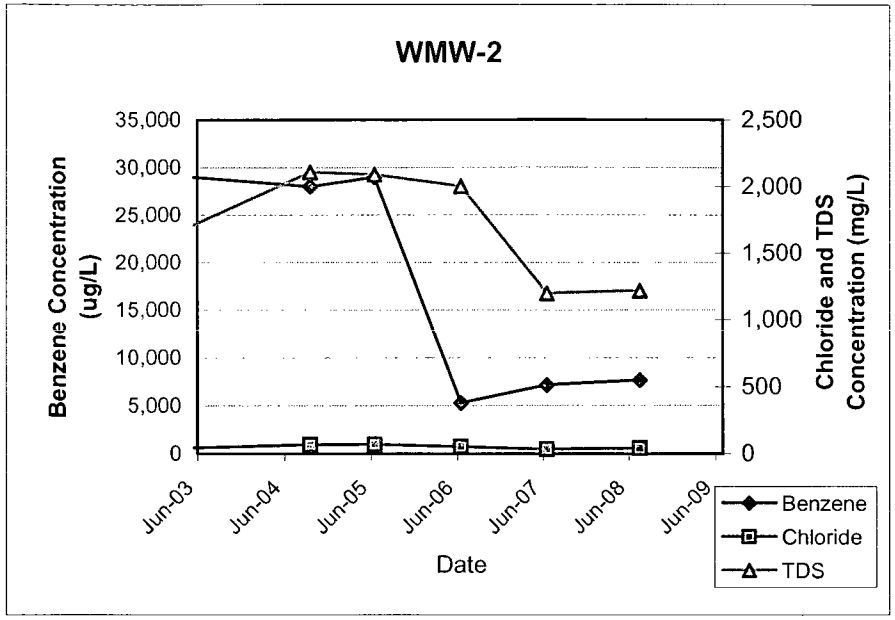


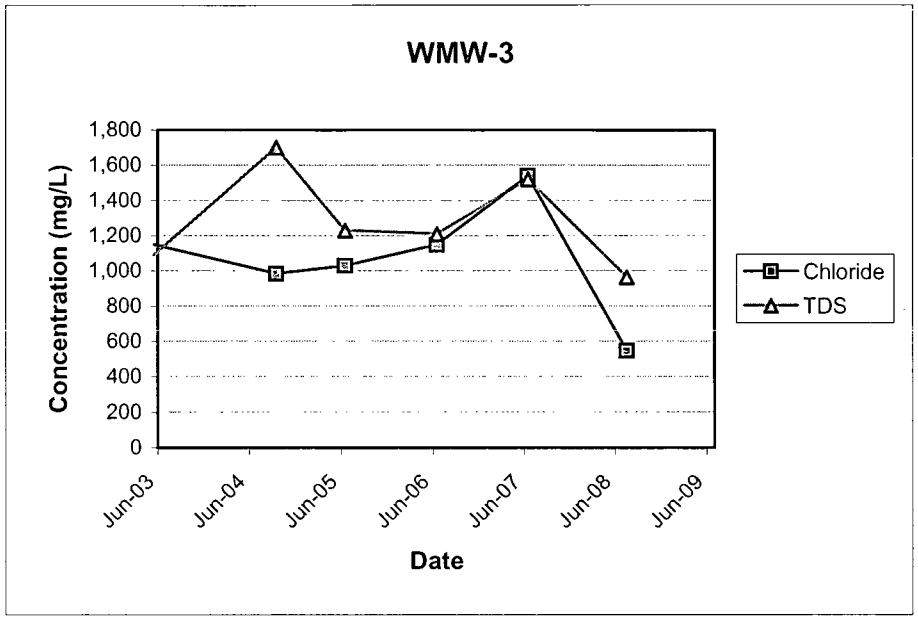


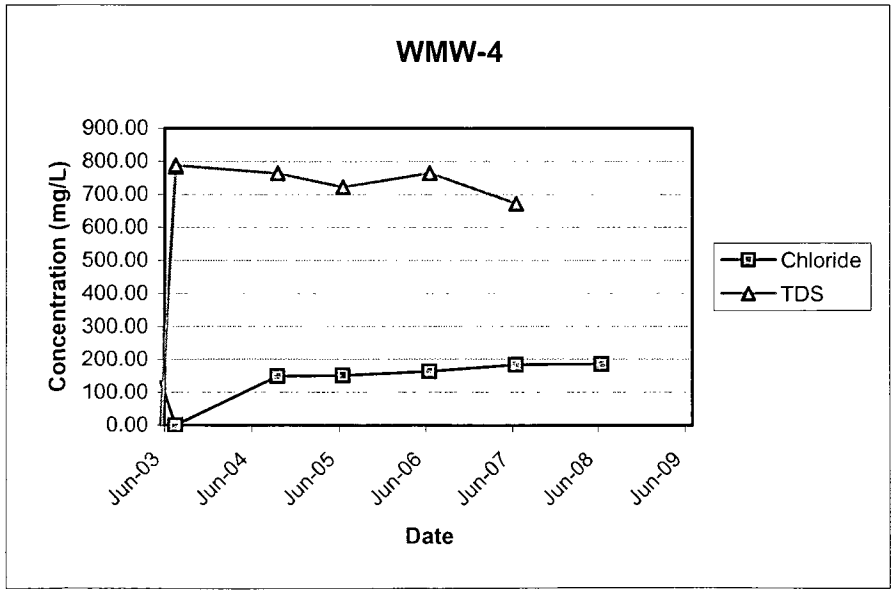


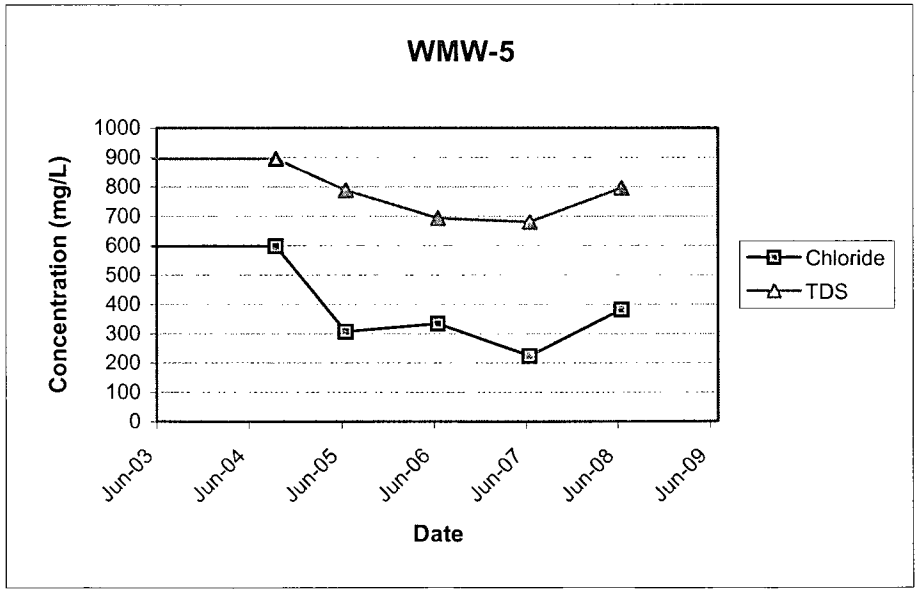


Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

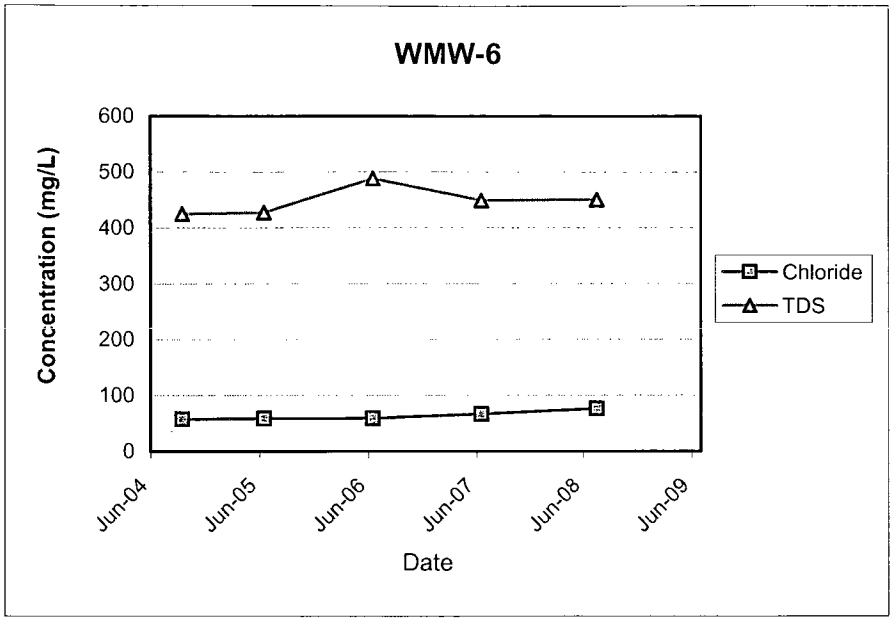


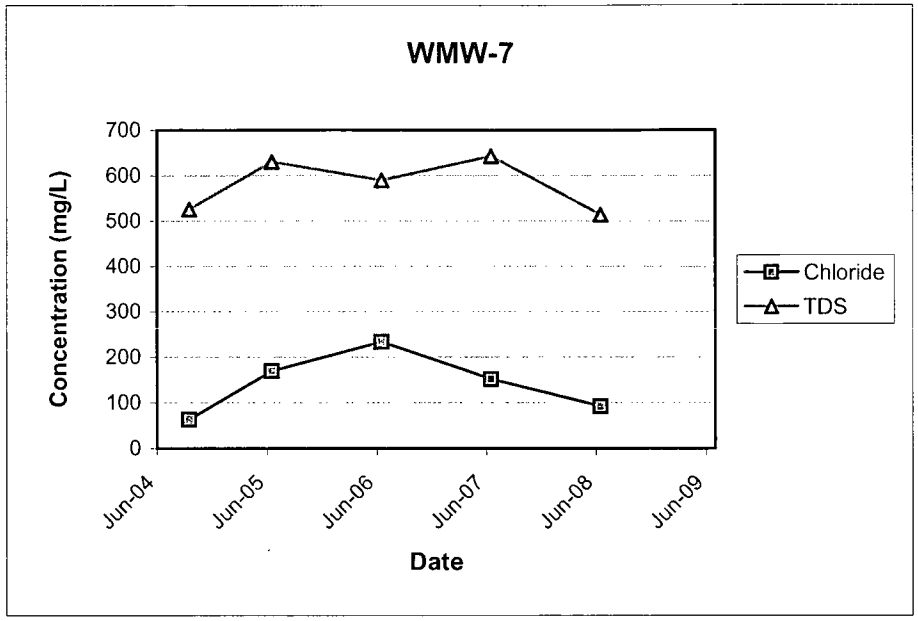


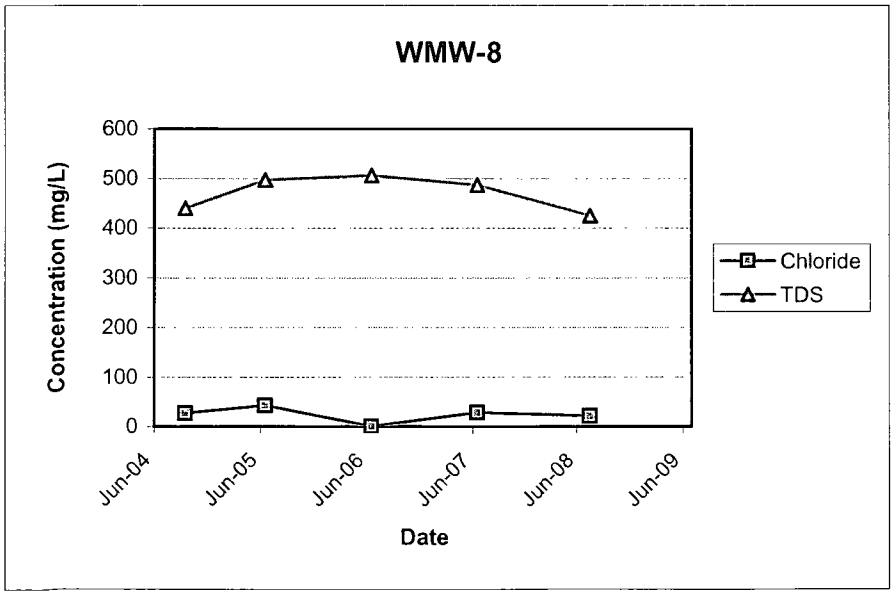




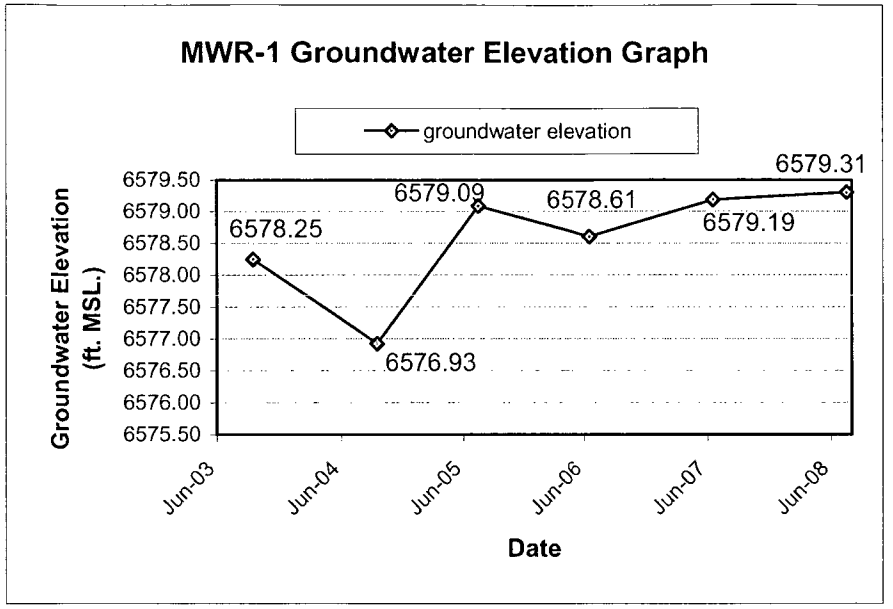
Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

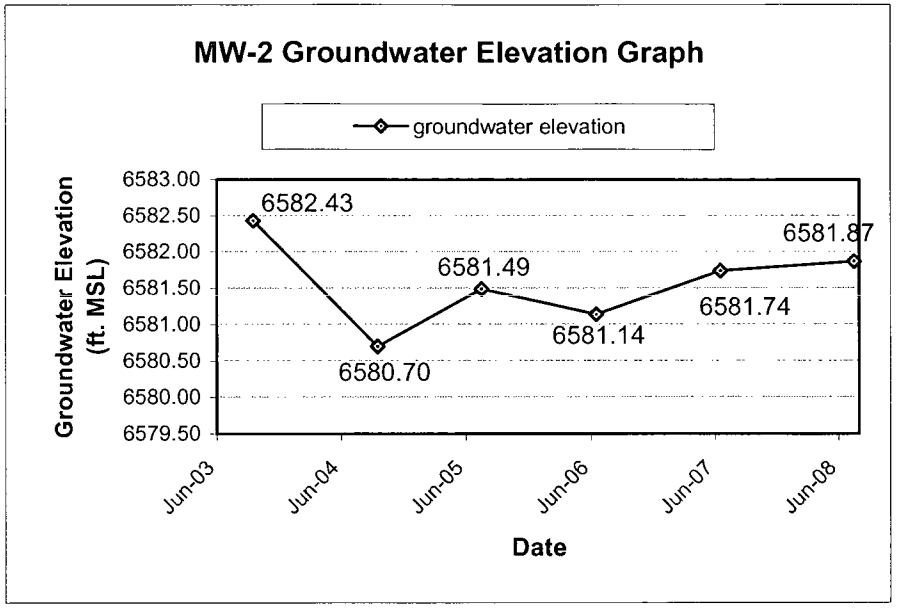


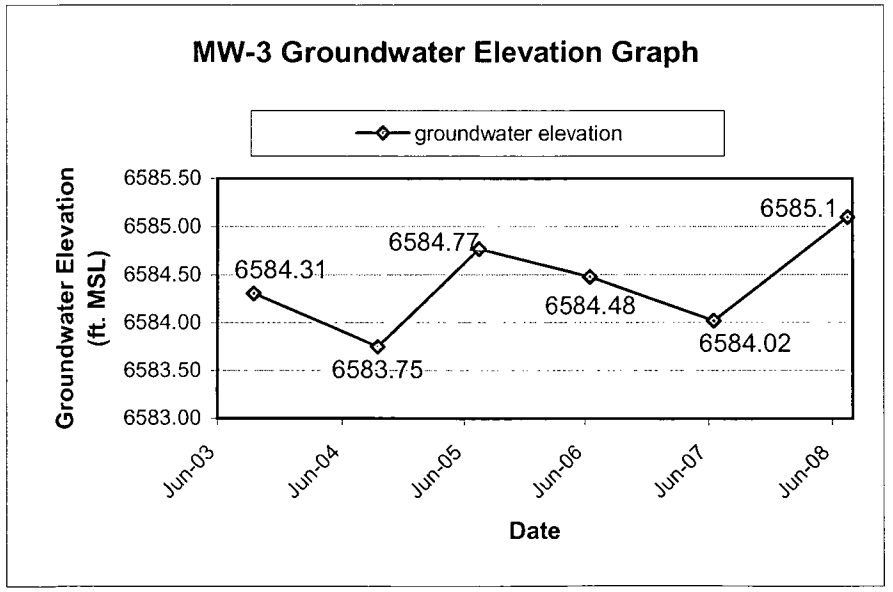


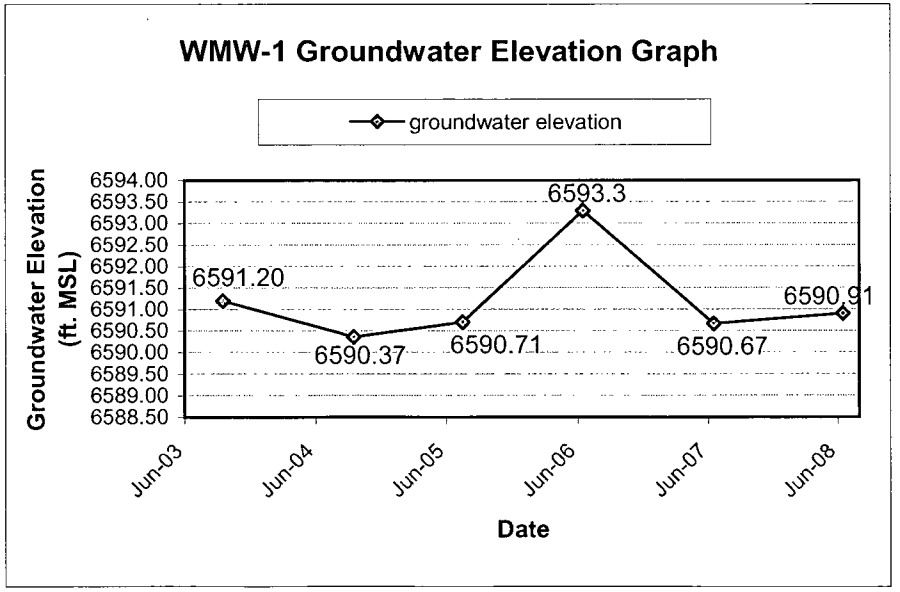


Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs

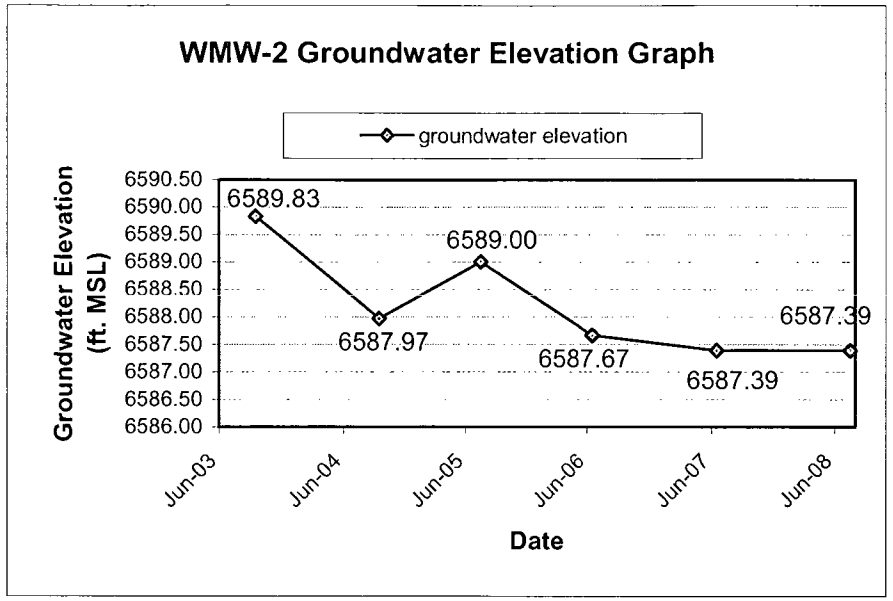


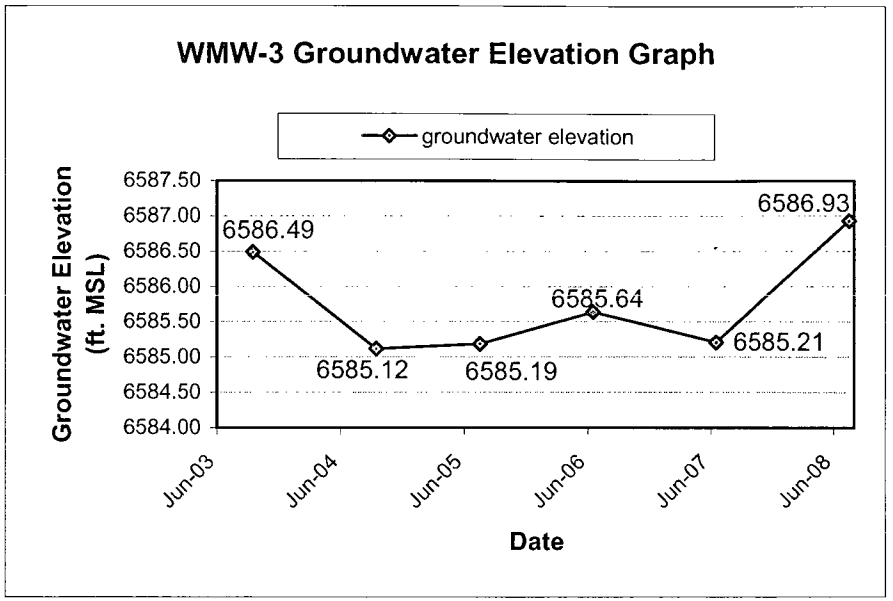


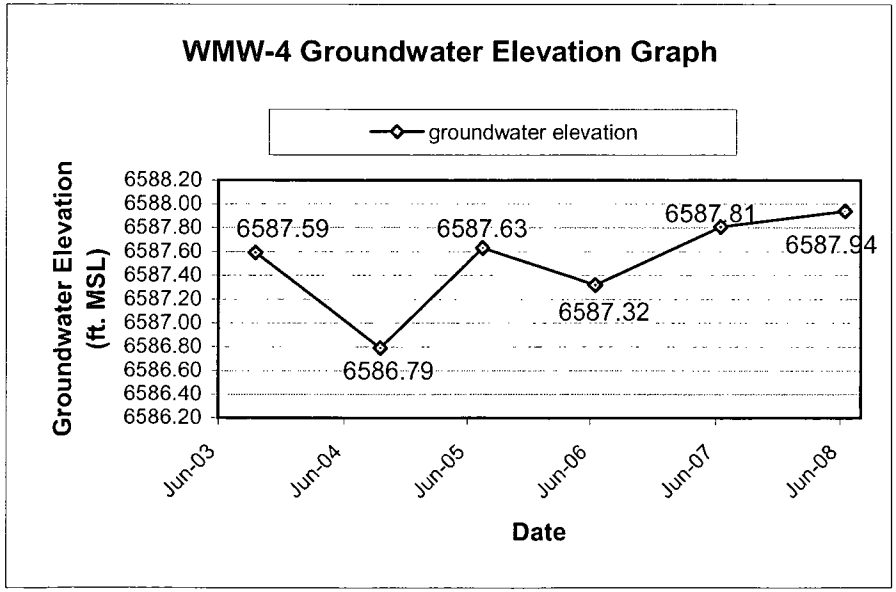


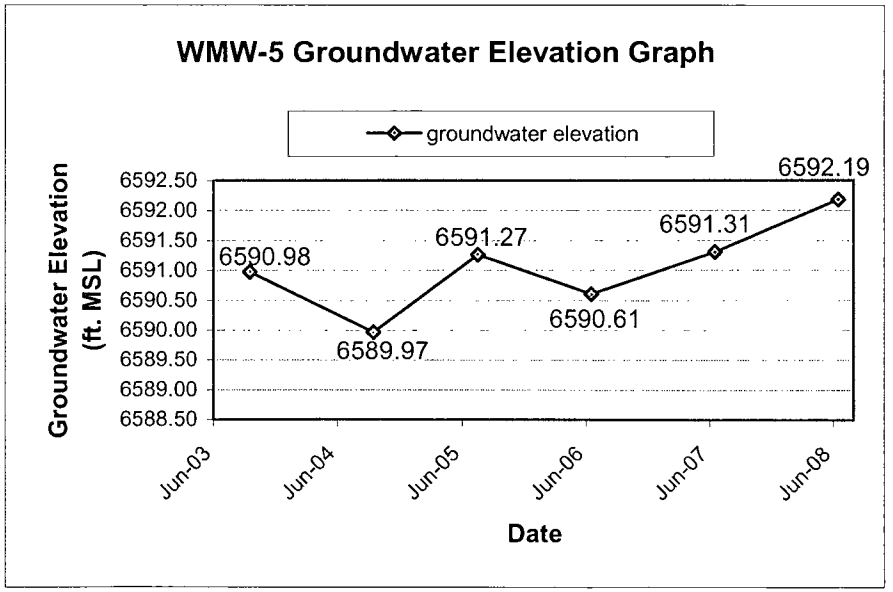


Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs

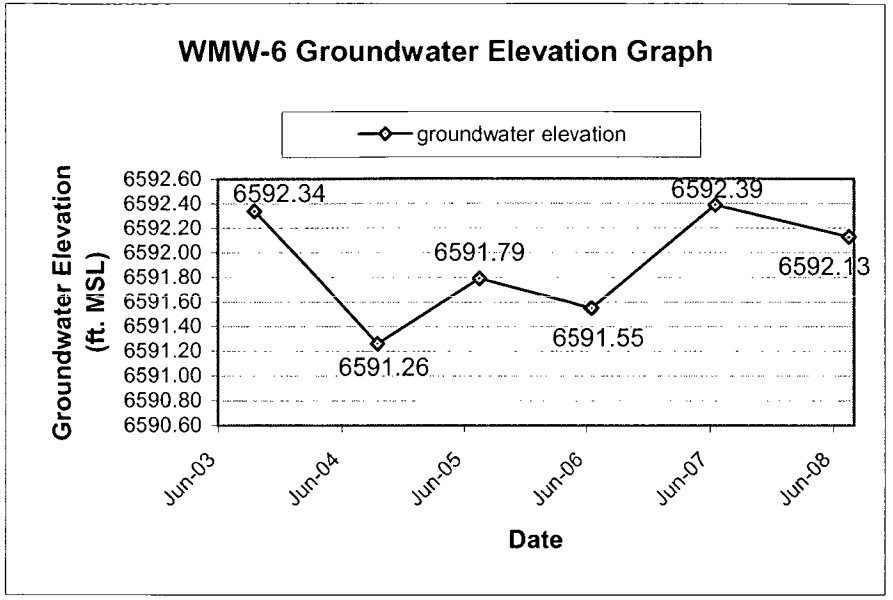


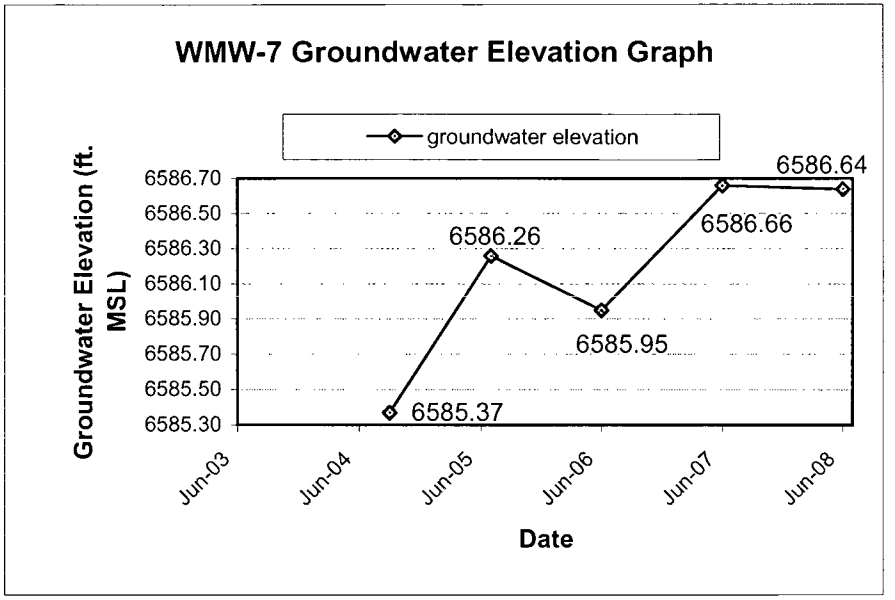


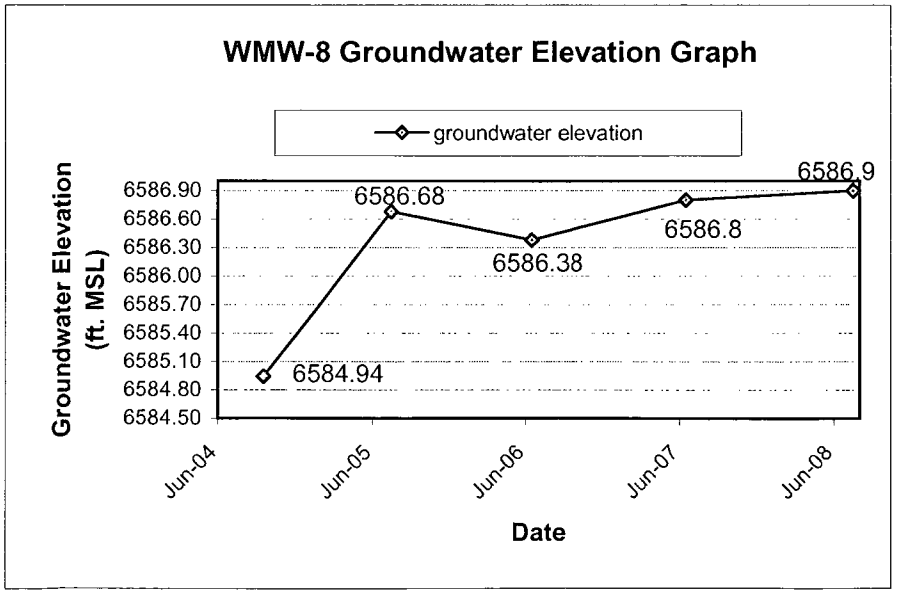




Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs







APPENDIX B

Laboratory Analytical Reports and Chain-of-Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08070203

Report To:		Project Name:	COP Wingate
Tetra Tech EM, Inc.		Site:	Gallup, NM
Kelly Blanchard		Site Address:	
6121 Indian School Road, N.E.			
Suite 200		PO Number:	4509954763
Albuquerque		State:	New Mexico
NM		State Cert. No.:	
87110-		Date Reported:	7/21/2008
ph: (505) 881-3188	fax:		

This Report Contains A Total Of 79 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

7/21/2008

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713)660-0901

Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

08070203

Report To:		Project Name:	COP Wingate
Tetra Tech EM, Inc.		Site:	Gallup, NM
Kelly Blanchard		Site Address:	
6121 Indian School Road, N.E.			
Suite 200		PO Number:	4509954763
Albuquerque		State:	New Mexico
NM		State Cert. No.:	
87110-		Date Reported:	7/21/2008
ph: (505)881-3188	fax:		

Sample ID "WMW-3" (SPL ID: 08070203-01) was analyzed for Nitrate as N by EPA Method 300.0 outside of the method holding time due to laboratory error.

All samples were received expired for pH and total Coliform analysis. The holding time for pH is immediate and should be performed at the time of sampling. The holding time for Total Coliform is six hours. Client is aware of the holding time and requested SPL to perform the analyses.

Per the Conoco Phillips TSM Revision 0, a copy of the internal chain of custody is to be included in final data package. However, due to LIMS limitations, this cannot be provided at this time.

For Ion Chromtogrpahy analysis by EPA Method 300.0, your sample ID's "WMW-3", "Pond 2", and "Pond 1" (SPL ID's: 08070203-01, -02, and -04) were reported with Nitrate as nondetect with elevated sample quantitation limits due to the sample matrix; the lowest possible dilutions were performed.

For Volatile Organics analysis by SW846 Method 8260B, your sample "Pond 2" (SPL ID: 08070203-02) was reported as nondetect with elevated sample quantitation limits due to the sample matrix; sample was foamy and the lowest possible dilution was performed.

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted with Batch ID: 81236 for the Semivolatile Organics analysis by SW846 Method 8270C. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

Your sample ID "Pond 2" (08070203-02) was randomly selected for use in SPL's quality control program for the Ion Chromatography analysis by EPA Method 300.0. The Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries were outside of the advisable quality control limits for Batch ID: (R243831) due to matrix interference.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.
This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.
SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

7/25/2008

Bethany A. Agarwal
Senior Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08070203

Report To: Tetra Tech EM, Inc.
Kelly Blanchard
6121 Indian School Road, N.E.
Suite 200
Albuquerque
NM
87110-
ph: (505) 881-3188 fax: (505) 881-3283

Fax To:

Project Name: COP Wingate
Site: Gallup, NM
Site Address:

PO Number: 4509954763
State: New Mexico
State Cert. No.:
Date Reported: 7/21/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
WMW-3	08070203-01	Water	7/2/2008 8:30:00 AM	7/3/2008 9:30:00 AM		☐
Pond 2	08070203-02	Water	7/2/2008 9:20:00 AM	7/3/2008 9:30:00 AM		☐
MW-2	08070203-03	Water	7/2/2008 10:10:00 AM	7/3/2008 9:30:00 AM		☐
Pond 1	08070203-04	Water	7/2/2008 10:45:00 AM	7/3/2008 9:30:00 AM		☐
WMW-2	08070203-05	Water	7/2/2008 12:30:00 PM	7/3/2008 9:30:00 AM		☐
Duplicate	08070203-06	Water	7/2/2008 12:45:00 PM	7/3/2008 9:30:00 AM		☐
Trip Blank	08070203-07	Water	7/2/2008 1:00:00 PM	7/3/2008 9:30:00 AM		☐

Bethany Agarwal

7/21/2008

Bethany A. Agarwal
Senior Project Manager

Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-3 **Collected:** 07/02/2008 8:30 **SPL Sample ID:** 08070203-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	964		2	1	07/08/08 9:30	PAC	4553253
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	548		50	100	07/10/08 12:29	A_E	4558928
Sulfate	963		50	100	07/10/08 12:29	A_E	4558928
Nitrogen,Nitrate (As N)	ND		5	10	07/09/08 18:25	A_E	4556479
PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.54		0.1	1	07/03/08 17:15	PAC	4545203
TOTAL DISSOLVED SOLIDS				**MCL**	**E160.1**	**Units: mg/L**	
Total Dissolved Solids (Residue,Filterable)	7800		2000	200	07/07/08 16:30	KRD	4551197

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-3 **Collected:** 07/02/2008 8:30 **SPL Sample ID:** 08070203-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 19:01	JC	4553756
1,1,1-Trichloroethane	ND		5	1	07/08/08 19:01	JC	4553756
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 19:01	JC	4553756
1,1,2-Trichloroethane	ND		5	1	07/08/08 19:01	JC	4553756
1,1-Dichloroethane	ND		5	1	07/08/08 19:01	JC	4553756
1,1-Dichloroethene	ND		5	1	07/08/08 19:01	JC	4553756
1,1-Dichloropropene	ND		5	1	07/08/08 19:01	JC	4553756
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 19:01	JC	4553756
1,2,3-Trichloropropane	ND		5	1	07/08/08 19:01	JC	4553756
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 19:01	JC	4553756
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 19:01	JC	4553756
1,2-Dibromoethane	ND		5	1	07/08/08 19:01	JC	4553756
1,2-Dichlorobenzene	ND		5	1	07/08/08 19:01	JC	4553756
1,2-Dichloroethane	ND		5	1	07/08/08 19:01	JC	4553756
1,2-Dichloropropane	ND		5	1	07/08/08 19:01	JC	4553756
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
1,3-Dichlorobenzene	ND		5	1	07/08/08 19:01	JC	4553756
1,3-Dichloropropane	ND		5	1	07/08/08 19:01	JC	4553756
1,4-Dichlorobenzene	ND		5	1	07/08/08 19:01	JC	4553756
2,2-Dichloropropane	ND		5	1	07/08/08 19:01	JC	4553756
2-Butanone	ND		20	1	07/08/08 19:01	JC	4553756
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 19:01	JC	4553756
2-Chlorotoluene	ND		5	1	07/08/08 19:01	JC	4553756
2-Hexanone	ND		10	1	07/08/08 19:01	JC	4553756
4-Chlorotoluene	ND		5	1	07/08/08 19:01	JC	4553756
4-Isopropyltoluene	ND		5	1	07/08/08 19:01	JC	4553756
4-Methyl-2-pentanone	ND		10	1	07/08/08 19:01	JC	4553756
Acetone	ND		100	1	07/08/08 19:01	JC	4553756
Acrylonitrile	ND		50	1	07/08/08 19:01	JC	4553756
Benzene	ND		5	1	07/08/08 19:01	JC	4553756
Bromobenzene	ND		5	1	07/08/08 19:01	JC	4553756
Bromochloromethane	ND		5	1	07/08/08 19:01	JC	4553756
Bromodichloromethane	ND		5	1	07/08/08 19:01	JC	4553756
Bromoform	ND		5	1	07/08/08 19:01	JC	4553756
Bromomethane	ND		10	1	07/08/08 19:01	JC	4553756
Carbon disulfide	ND		5	1	07/08/08 19:01	JC	4553756
Carbon tetrachloride	ND		5	1	07/08/08 19:01	JC	4553756
Chlorobenzene	ND		5	1	07/08/08 19:01	JC	4553756

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-3 **Collected:** 07/02/2008 8:30 **SPL Sample ID:** 08070203-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/08/08 19:01	JC	4553756
Chloroform	ND		5	1	07/08/08 19:01	JC	4553756
Chloromethane	ND		10	1	07/08/08 19:01	JC	4553756
Dibromochloromethane	ND		5	1	07/08/08 19:01	JC	4553756
Dibromomethane	ND		5	1	07/08/08 19:01	JC	4553756
Dichlorodifluoromethane	ND		10	1	07/08/08 19:01	JC	4553756
Ethylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
Hexachlorobutadiene	ND		5	1	07/08/08 19:01	JC	4553756
Isopropylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
Methyl tert-butyl ether	ND		5	1	07/08/08 19:01	JC	4553756
Methylene chloride	ND		5	1	07/08/08 19:01	JC	4553756
Naphthalene	ND		5	1	07/08/08 19:01	JC	4553756
n-Butylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
n-Propylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
sec-Butylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
Styrene	ND		5	1	07/08/08 19:01	JC	4553756
tert-Butylbenzene	ND		5	1	07/08/08 19:01	JC	4553756
Tetrachloroethene	ND		5	1	07/08/08 19:01	JC	4553756
Toluene	ND		5	1	07/08/08 19:01	JC	4553756
Trichloroethene	ND		5	1	07/08/08 19:01	JC	4553756
Trichlorofluoromethane	ND		5	1	07/08/08 19:01	JC	4553756
Vinyl acetate	ND		10	1	07/08/08 19:01	JC	4553756
Vinyl chloride	ND		10	1	07/08/08 19:01	JC	4553756
cis-1,2-Dichloroethene	ND		5	1	07/08/08 19:01	JC	4553756
cis-1,3-Dichloropropene	ND		5	1	07/08/08 19:01	JC	4553756
m,p-Xylene	ND		5	1	07/08/08 19:01	JC	4553756
o-Xylene	ND		5	1	07/08/08 19:01	JC	4553756
trans-1,2-Dichloroethene	ND		5	1	07/08/08 19:01	JC	4553756
trans-1,3-Dichloropropene	ND		5	1	07/08/08 19:01	JC	4553756
1,2-Dichloroethene (total)	ND		5	1	07/08/08 19:01	JC	4553756
Xylenes,Total	ND		5	1	07/08/08 19:01	JC	4553756
Surr: 1,2-Dichloroethane-d4	108		% 62-130	1	07/08/08 19:01	JC	4553756
Surr: 4-Bromofluorobenzene	102		% 70-130	1	07/08/08 19:01	JC	4553756
Surr: Toluene-d8	102		% 74-122	1	07/08/08 19:01	JC	4553756

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Pond 2 **Collected:** 07/02/2008 9:20 **SPL Sample ID:** 08070203-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	799		2	1	07/08/08 9:30	PAC	4553254
BIOCHEMICAL OXYGEN DEMAND - 5 DAYS				**MCL**	**SM5210 B**	**Units: mg/L**	
Biochemical Oxygen Demand	30.8		10	5	07/03/08 12:30	PAC	4552144
CHEMICAL OXYGEN DEMAND				**MCL**	**SM5220 C**	**Units: mg/L**	
Chemical Oxygen Demand	2940		60	20	07/04/08 10:30	A_E	4545774
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	153000		5000	10000	07/07/08 21:47	A_E	4552124
Sulfate	15400		2500	5000	07/07/08 22:04	A_E	4552125
Nitrogen,Nitrate (As N)	ND		50	100	07/03/08 13:26	A_E	4545797
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:35	CMC	4563006

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	257		1	10	07/19/08 20:30	EG	4577613
Iron	0.223		0.2	10	07/19/08 20:30	EG	4577613
Magnesium	14800		10	100	07/19/08 20:36	EG	4577614
Sodium	59900		100	200	07/20/08 21:33	EG	4579401

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	0.0468		0.005	1	07/20/08 0:38	AL_H	4577881
Barium	0.0207		0.005	1	07/21/08 0:53	BDG	4578127
Cadmium	ND		0.005	1	07/20/08 0:38	AL_H	4577881
Chromium	0.0062		0.005	1	07/20/08 0:38	AL_H	4577881
Lead	ND		0.005	1	07/20/08 0:38	AL_H	4577881
Manganese	5.79		0.005	1	07/21/08 0:53	BDG	4578127
Selenium	0.00788		0.005	1	07/20/08 0:38	AL_H	4577881
Silver	ND		0.005	1	07/20/08 0:38	AL_H	4577881

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.46		0.1	1	07/03/08 17:15	PAC	4545205

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Pond 2 **Collected:** 07/02/2008 9:20 **SPL Sample ID:** 08070203-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5.5	1	07/08/08 18:35	GY	4554775
1,2-Dichlorobenzene	ND		5.5	1	07/08/08 18:35	GY	4554775
1,2-Diphenylhydrazine	ND		11	1	07/08/08 18:35	GY	4554775
1,3-Dichlorobenzene	ND		5.5	1	07/08/08 18:35	GY	4554775
1,4-Dichlorobenzene	ND		5.5	1	07/08/08 18:35	GY	4554775
2,4,5-Trichlorophenol	ND		11	1	07/08/08 18:35	GY	4554775
2,4,6-Trichlorophenol	ND		5.5	1	07/08/08 18:35	GY	4554775
2,4-Dichlorophenol	ND		5.5	1	07/08/08 18:35	GY	4554775
2,4-Dimethylphenol	ND		5.5	1	07/08/08 18:35	GY	4554775
2,4-Dinitrophenol	ND		27	1	07/08/08 18:35	GY	4554775
2,4-Dinitrotoluene	ND		5.5	1	07/08/08 18:35	GY	4554775
2,6-Dinitrotoluene	ND		5.5	1	07/08/08 18:35	GY	4554775
2-Chloronaphthalene	ND		5.5	1	07/08/08 18:35	GY	4554775
2-Chlorophenol	ND		5.5	1	07/08/08 18:35	GY	4554775
2-Methylnaphthalene	ND		5.5	1	07/08/08 18:35	GY	4554775
2-Nitroaniline	ND		27	1	07/08/08 18:35	GY	4554775
2-Nitrophenol	ND		5.5	1	07/08/08 18:35	GY	4554775
3,3'-Dichlorobenzidine	ND		11	1	07/08/08 18:35	GY	4554775
3-Nitroaniline	ND		27	1	07/08/08 18:35	GY	4554775
4,6-Dinitro-2-methylphenol	ND		27	1	07/08/08 18:35	GY	4554775
4-Bromophenyl phenyl ether	ND		5.5	1	07/08/08 18:35	GY	4554775
4-Chloro-3-methylphenol	ND		5.5	1	07/08/08 18:35	GY	4554775
4-Chloroaniline	ND		5.5	1	07/08/08 18:35	GY	4554775
4-Chlorophenyl phenyl ether	ND		5.5	1	07/08/08 18:35	GY	4554775
4-Nitroaniline	ND		27	1	07/08/08 18:35	GY	4554775
4-Nitrophenol	ND		27	1	07/08/08 18:35	GY	4554775
Acenaphthene	ND		5.5	1	07/08/08 18:35	GY	4554775
Acenaphthylene	ND		5.5	1	07/08/08 18:35	GY	4554775
Aniline	ND		5.5	1	07/08/08 18:35	GY	4554775
Anthracene	ND		5.5	1	07/08/08 18:35	GY	4554775
Benz(a)anthracene	ND		5.5	1	07/08/08 18:35	GY	4554775
Benzo(a)pyrene	ND		5.5	1	07/08/08 18:35	GY	4554775
Benzo(b)fluoranthene	ND		5.5	1	07/08/08 18:35	GY	4554775
Benzo(g,h,i)perylene	ND		5.5	1	07/08/08 18:35	GY	4554775
Benzo(k)fluoranthene	ND		5.5	1	07/08/08 18:35	GY	4554775
Benzoic acid	31		27	1	07/08/08 18:35	GY	4554775
Benzyl alcohol	ND		5.5	1	07/08/08 18:35	GY	4554775
Bis(2-chloroethoxy)methane	ND		5.5	1	07/08/08 18:35	GY	4554775
Bis(2-chloroethyl)ether	ND		5.5	1	07/08/08 18:35	GY	4554775

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Pond 2 **Collected:** 07/02/2008 9:20 **SPL Sample ID:** 08070203-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND		5.5	1	07/08/08 18:35	GY	4554775
Bis(2-ethylhexyl)phthalate	ND		5.5	1	07/08/08 18:35	GY	4554775
Butyl benzyl phthalate	ND		5.5	1	07/08/08 18:35	GY	4554775
Carbazole	ND		5.5	1	07/08/08 18:35	GY	4554775
Chrysene	ND		5.5	1	07/08/08 18:35	GY	4554775
Dibenz(a,h)anthracene	ND		5.5	1	07/08/08 18:35	GY	4554775
Dibenzofuran	ND		5.5	1	07/08/08 18:35	GY	4554775
Diethyl phthalate	ND		5.5	1	07/08/08 18:35	GY	4554775
Dimethyl phthalate	ND		5.5	1	07/08/08 18:35	GY	4554775
Di-n-butyl phthalate	ND		5.5	1	07/08/08 18:35	GY	4554775
Di-n-octyl phthalate	ND		5.5	1	07/08/08 18:35	GY	4554775
Fluoranthene	ND		5.5	1	07/08/08 18:35	GY	4554775
Fluorene	ND		5.5	1	07/08/08 18:35	GY	4554775
Hexachlorobenzene	ND		5.5	1	07/08/08 18:35	GY	4554775
Hexachlorobutadiene	ND		5.5	1	07/08/08 18:35	GY	4554775
Hexachlorocyclopentadiene	ND		5.5	1	07/08/08 18:35	GY	4554775
Hexachloroethane	ND		5.5	1	07/08/08 18:35	GY	4554775
Indeno(1,2,3-cd)pyrene	ND		5.5	1	07/08/08 18:35	GY	4554775
Isophorone	ND		5.5	1	07/08/08 18:35	GY	4554775
Naphthalene	ND		5.5	1	07/08/08 18:35	GY	4554775
Nitrobenzene	ND		5.5	1	07/08/08 18:35	GY	4554775
N-Nitrosodi-n-propylamine	ND		5.5	1	07/08/08 18:35	GY	4554775
N-Nitrosodiphenylamine	ND		5.5	1	07/08/08 18:35	GY	4554775
Pentachlorophenol	ND		27	1	07/08/08 18:35	GY	4554775
Phenanthrene	ND		5.5	1	07/08/08 18:35	GY	4554775
Phenol	ND		5.5	1	07/08/08 18:35	GY	4554775
Pyrene	ND		5.5	1	07/08/08 18:35	GY	4554775
Pyridine	ND		5.5	1	07/08/08 18:35	GY	4554775
2-Methylphenol	ND		5.5	1	07/08/08 18:35	GY	4554775
3 & 4-Methylphenol	ND		5.5	1	07/08/08 18:35	GY	4554775
Surr: 2,4,6-Tribromophenol	43.9		% 10-123	1	07/08/08 18:35	GY	4554775
Surr: 2-Fluorobiphenyl	36.6		% 23-116	1	07/08/08 18:35	GY	4554775
Surr: 2-Fluorophenol	35.4		% 16-110	1	07/08/08 18:35	GY	4554775
Surr: Nitrobenzene-d5	38.4		% 21-114	1	07/08/08 18:35	GY	4554775
Surr: Phenol-d5	36.6		% 10-110	1	07/08/08 18:35	GY	4554775
Surr: Terphenyl-d14	38.4		% 22-141	1	07/08/08 18:35	GY	4554775

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 14:15	N_M	1.09

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Pond 2 **Collected:** 07/02/2008 9:20 **SPL Sample ID:** 08070203-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL COLIFORMS			**MCL**	**M9222 B**	**Units: colonies/100**		
Coliform, Total	ND		1	1	07/03/08 15:00	KRD	4546194
TOTAL DISSOLVED SOLIDS			**MCL**	**E160.1**	**Units: mg/L**		
Total Dissolved Solids (Residue,Filterable)	285000		2000	200	07/07/08 16:30	KRD	4551199

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Client Sample ID Pond 2 **Collected:** 07/02/2008 9:20 **SPL Sample ID:** 08070203-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		25	5	07/11/08 13:32	JC	4561079
1,1,1-Trichloroethane	ND		25	5	07/11/08 13:32	JC	4561079
1,1,2,2-Tetrachloroethane	ND		25	5	07/11/08 13:32	JC	4561079
1,1,2-Trichloroethane	ND		25	5	07/11/08 13:32	JC	4561079
1,1-Dichloroethane	ND		25	5	07/11/08 13:32	JC	4561079
1,1-Dichloroethene	ND		25	5	07/11/08 13:32	JC	4561079
1,1-Dichloropropene	ND		25	5	07/11/08 13:32	JC	4561079
1,2,3-Trichlorobenzene	ND		25	5	07/11/08 13:32	JC	4561079
1,2,3-Trichloropropane	ND		25	5	07/11/08 13:32	JC	4561079
1,2,4-Trichlorobenzene	ND		25	5	07/11/08 13:32	JC	4561079
1,2,4-Trimethylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
1,2-Dibromo-3-chloropropane	ND		25	5	07/11/08 13:32	JC	4561079
1,2-Dibromoethane	ND		25	5	07/11/08 13:32	JC	4561079
1,2-Dichlorobenzene	ND		25	5	07/11/08 13:32	JC	4561079
1,2-Dichloroethane	ND		25	5	07/11/08 13:32	JC	4561079
1,2-Dichloropropane	ND		25	5	07/11/08 13:32	JC	4561079
1,3,5-Trimethylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
1,3-Dichlorobenzene	ND		25	5	07/11/08 13:32	JC	4561079
1,3-Dichloropropane	ND		25	5	07/11/08 13:32	JC	4561079
1,4-Dichlorobenzene	ND		25	5	07/11/08 13:32	JC	4561079
2,2-Dichloropropane	ND		25	5	07/11/08 13:32	JC	4561079
2-Butanone	ND		100	5	07/11/08 13:32	JC	4561079
2-Chloroethyl vinyl ether	ND		50	5	07/11/08 13:32	JC	4561079
2-Chlorotoluene	ND		25	5	07/11/08 13:32	JC	4561079
2-Hexanone	ND		50	5	07/11/08 13:32	JC	4561079
4-Chlorotoluene	ND		25	5	07/11/08 13:32	JC	4561079
4-Isopropyltoluene	ND		25	5	07/11/08 13:32	JC	4561079
4-Methyl-2-pentanone	ND		50	5	07/11/08 13:32	JC	4561079
Acetone	ND		500	5	07/11/08 13:32	JC	4561079
Acrylonitrile	ND		250	5	07/11/08 13:32	JC	4561079
Benzene	ND		25	5	07/11/08 13:32	JC	4561079
Bromobenzene	ND		25	5	07/11/08 13:32	JC	4561079
Bromochloromethane	ND		25	5	07/11/08 13:32	JC	4561079
Bromodichloromethane	ND		25	5	07/11/08 13:32	JC	4561079
Bromoform	ND		25	5	07/11/08 13:32	JC	4561079
Bromomethane	ND		50	5	07/11/08 13:32	JC	4561079
Carbon disulfide	ND		25	5	07/11/08 13:32	JC	4561079
Carbon tetrachloride	ND		25	5	07/11/08 13:32	JC	4561079
Chlorobenzene	ND		25	5	07/11/08 13:32	JC	4561079

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HOUSTON LABORATORY
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HOUSTON, TX 77054
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Client Sample ID Pond 2 **Collected:** 07/02/2008 9:20 **SPL Sample ID:** 08070203-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		50	5	07/11/08 13:32	JC	4561079
Chloroform	ND		25	5	07/11/08 13:32	JC	4561079
Chloromethane	ND		50	5	07/11/08 13:32	JC	4561079
Dibromochloromethane	ND		25	5	07/11/08 13:32	JC	4561079
Dibromomethane	ND		25	5	07/11/08 13:32	JC	4561079
Dichlorodifluoromethane	ND		50	5	07/11/08 13:32	JC	4561079
Ethylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
Hexachlorobutadiene	ND		25	5	07/11/08 13:32	JC	4561079
Isopropylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
Methyl tert-butyl ether	ND		25	5	07/11/08 13:32	JC	4561079
Methylene chloride	ND		25	5	07/11/08 13:32	JC	4561079
Naphthalene	ND		25	5	07/11/08 13:32	JC	4561079
n-Butylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
n-Propylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
sec-Butylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
Styrene	ND		25	5	07/11/08 13:32	JC	4561079
tert-Butylbenzene	ND		25	5	07/11/08 13:32	JC	4561079
Tetrachloroethene	ND		25	5	07/11/08 13:32	JC	4561079
Toluene	ND		25	5	07/11/08 13:32	JC	4561079
Trichloroethene	ND		25	5	07/11/08 13:32	JC	4561079
Trichlorofluoromethane	ND		25	5	07/11/08 13:32	JC	4561079
Vinyl acetate	ND		50	5	07/11/08 13:32	JC	4561079
Vinyl chloride	ND		50	5	07/11/08 13:32	JC	4561079
cis-1,2-Dichloroethene	ND		25	5	07/11/08 13:32	JC	4561079
cis-1,3-Dichloropropene	ND		25	5	07/11/08 13:32	JC	4561079
m,p-Xylene	ND		25	5	07/11/08 13:32	JC	4561079
o-Xylene	ND		25	5	07/11/08 13:32	JC	4561079
trans-1,2-Dichloroethene	ND		25	5	07/11/08 13:32	JC	4561079
trans-1,3-Dichloropropene	ND		25	5	07/11/08 13:32	JC	4561079
1,2-Dichloroethene (total)	ND		25	5	07/11/08 13:32	JC	4561079
Xylenes,Total	ND		25	5	07/11/08 13:32	JC	4561079
Surr: 1,2-Dichloroethane-d4	96.0		% 62-130	5	07/11/08 13:32	JC	4561079
Surr: 4-Bromofluorobenzene	96.0		% 70-130	5	07/11/08 13:32	JC	4561079
Surr: Toluene-d8	108		% 74-122	5	07/11/08 13:32	JC	4561079

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8880 INTERCHANGE DRIVE
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Client Sample ID MW-2 **Collected:** 07/02/2008 10:10 **SPL Sample ID:** 08070203-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	626		2	1	07/08/08 9:30	PAC	4553255
BIOCHEMICAL OXYGEN DEMAND - 5 DAYS				**MCL**	**SM5210 B**	**Units: mg/L**	
Biochemical Oxygen Demand	ND		2	1	07/03/08 12:30	PAC	4552145
CHEMICAL OXYGEN DEMAND				**MCL**	**SM5220 C**	**Units: mg/L**	
Chemical Oxygen Demand	7.23		3	1	07/04/08 10:30	A_E	4545775
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	62.9		5	10	07/07/08 22:20	A_E	4552126
Sulfate	125		5	10	07/07/08 22:20	A_E	4552126
Nitrogen,Nitrate (As N)	ND		0.5	1	07/03/08 14:15	A_E	4545800
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:37	CMC	4563007

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	13.2		0.1	1	07/19/08 20:00	EG	4577610
Iron	0.601		0.02	1	07/19/08 20:00	EG	4577610
Magnesium	9.6		0.1	1	07/19/08 20:00	EG	4577610
Sodium	361		0.5	1	07/20/08 18:32	EG	4579346

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	0.00783		0.005	1	07/20/08 0:45	AL_H	4577882
Barium	0.223		0.005	1	07/21/08 1:00	BDG	4578128
Cadmium	ND		0.005	1	07/20/08 0:45	AL_H	4577882
Chromium	ND		0.005	1	07/20/08 0:45	AL_H	4577882
Lead	ND		0.005	1	07/20/08 0:45	AL_H	4577882
Manganese	0.354		0.005	1	07/21/08 1:00	BDG	4578128
Selenium	ND		0.005	1	07/20/08 0:45	AL_H	4577882
Silver	ND		0.005	1	07/20/08 0:45	AL_H	4577882

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.77		0.1	1	07/03/08 17:15	PAC	4545206

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8880 INTERCHANGE DRIVE
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Client Sample ID MW-2 **Collected:** 07/02/2008 10:10 **SPL Sample ID:** 08070203-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 19:06	GY	4554776
1,2-Dichlorobenzene	ND		5	1	07/08/08 19:06	GY	4554776
1,2-Diphenylhydrazine	ND		10	1	07/08/08 19:06	GY	4554776
1,3-Dichlorobenzene	ND		5	1	07/08/08 19:06	GY	4554776
1,4-Dichlorobenzene	ND		5	1	07/08/08 19:06	GY	4554776
2,4,5-Trichlorophenol	ND		10	1	07/08/08 19:06	GY	4554776
2,4,6-Trichlorophenol	ND		5	1	07/08/08 19:06	GY	4554776
2,4-Dichlorophenol	ND		5	1	07/08/08 19:06	GY	4554776
2,4-Dimethylphenol	ND		5	1	07/08/08 19:06	GY	4554776
2,4-Dinitrophenol	ND		25	1	07/08/08 19:06	GY	4554776
2,4-Dinitrotoluene	ND		5	1	07/08/08 19:06	GY	4554776
2,6-Dinitrotoluene	ND		5	1	07/08/08 19:06	GY	4554776
2-Chloronaphthalene	ND		5	1	07/08/08 19:06	GY	4554776
2-Chlorophenol	ND		5	1	07/08/08 19:06	GY	4554776
2-Methylnaphthalene	ND		5	1	07/08/08 19:06	GY	4554776
2-Nitroaniline	ND		25	1	07/08/08 19:06	GY	4554776
2-Nitrophenol	ND		5	1	07/08/08 19:06	GY	4554776
3,3´-Dichlorobenzidine	ND		10	1	07/08/08 19:06	GY	4554776
3-Nitroaniline	ND		25	1	07/08/08 19:06	GY	4554776
4,6-Dinitro-2-methylphenol	ND		25	1	07/08/08 19:06	GY	4554776
4-Bromophenyl phenyl ether	ND		5	1	07/08/08 19:06	GY	4554776
4-Chloro-3-methylphenol	ND		5	1	07/08/08 19:06	GY	4554776
4-Chloroaniline	ND		5	1	07/08/08 19:06	GY	4554776
4-Chlorophenyl phenyl ether	ND		5	1	07/08/08 19:06	GY	4554776
4-Nitroaniline	ND		25	1	07/08/08 19:06	GY	4554776
4-Nitrophenol	ND		25	1	07/08/08 19:06	GY	4554776
Acenaphthene	ND		5	1	07/08/08 19:06	GY	4554776
Acenaphthylene	ND		5	1	07/08/08 19:06	GY	4554776
Aniline	ND		5	1	07/08/08 19:06	GY	4554776
Anthracene	ND		5	1	07/08/08 19:06	GY	4554776
Benz(a)anthracene	ND		5	1	07/08/08 19:06	GY	4554776
Benzo(a)pyrene	ND		5	1	07/08/08 19:06	GY	4554776
Benzo(b)fluoranthene	ND		5	1	07/08/08 19:06	GY	4554776
Benzo(g,h,i)perylene	ND		5	1	07/08/08 19:06	GY	4554776
Benzo(k)fluoranthene	ND		5	1	07/08/08 19:06	GY	4554776
Benzoic acid	ND		25	1	07/08/08 19:06	GY	4554776
Benzyl alcohol	ND		5	1	07/08/08 19:06	GY	4554776
Bis(2-chloroethoxy)methane	ND		5	1	07/08/08 19:06	GY	4554776
Bis(2-chloroethyl)ether	ND		5	1	07/08/08 19:06	GY	4554776

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HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-2 **Collected:** 07/02/2008 10:10 **SPL Sample ID:** 08070203-03

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND			5	1	07/08/08 19:06	GY	4554776
Bis(2-ethylhexyl)phthalate	ND			5	1	07/08/08 19:06	GY	4554776
Butyl benzyl phthalate	ND			5	1	07/08/08 19:06	GY	4554776
Carbazole	ND			5	1	07/08/08 19:06	GY	4554776
Chrysene	ND			5	1	07/08/08 19:06	GY	4554776
Dibenz(a,h)anthracene	ND			5	1	07/08/08 19:06	GY	4554776
Dibenzofuran	ND			5	1	07/08/08 19:06	GY	4554776
Diethyl phthalate	ND			5	1	07/08/08 19:06	GY	4554776
Dimethyl phthalate	ND			5	1	07/08/08 19:06	GY	4554776
Di-n-butyl phthalate	ND			5	1	07/08/08 19:06	GY	4554776
Di-n-octyl phthalate	ND			5	1	07/08/08 19:06	GY	4554776
Fluoranthene	ND			5	1	07/08/08 19:06	GY	4554776
Fluorene	ND			5	1	07/08/08 19:06	GY	4554776
Hexachlorobenzene	ND			5	1	07/08/08 19:06	GY	4554776
Hexachlorobutadiene	ND			5	1	07/08/08 19:06	GY	4554776
Hexachlorocyclopentadiene	ND			5	1	07/08/08 19:06	GY	4554776
Hexachloroethane	ND			5	1	07/08/08 19:06	GY	4554776
Indeno(1,2,3-cd)pyrene	ND			5	1	07/08/08 19:06	GY	4554776
Isophorone	ND			5	1	07/08/08 19:06	GY	4554776
Naphthalene	ND			5	1	07/08/08 19:06	GY	4554776
Nitrobenzene	ND			5	1	07/08/08 19:06	GY	4554776
N-Nitrosodi-n-propylamine	ND			5	1	07/08/08 19:06	GY	4554776
N-Nitrosodiphenylamine	ND			5	1	07/08/08 19:06	GY	4554776
Pentachlorophenol	ND			25	1	07/08/08 19:06	GY	4554776
Phenanthrene	ND			5	1	07/08/08 19:06	GY	4554776
Phenol	ND			5	1	07/08/08 19:06	GY	4554776
Pyrene	ND			5	1	07/08/08 19:06	GY	4554776
Pyridine	ND			5	1	07/08/08 19:06	GY	4554776
2-Methylphenol	ND			5	1	07/08/08 19:06	GY	4554776
3 & 4-Methylphenol	ND			5	1	07/08/08 19:06	GY	4554776
Surr: 2,4,6-Tribromophenol	89.3		%	10-123	1	07/08/08 19:06	GY	4554776
Surr: 2-Fluorobiphenyl	78.0		%	23-116	1	07/08/08 19:06	GY	4554776
Surr: 2-Fluorophenol	56.0		%	16-110	1	07/08/08 19:06	GY	4554776
Surr: Nitrobenzene-d5	82.0		%	21-114	1	07/08/08 19:06	GY	4554776
Surr: Phenol-d5	46.7		%	10-110	1	07/08/08 19:06	GY	4554776
Surr: Terphenyl-d14	80.0		%	22-141	1	07/08/08 19:06	GY	4554776

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 14:15	N_M	1.00

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* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-2 **Collected:** 07/02/2008 10:10 **SPL Sample ID:** 08070203-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL COLIFORMS			**MCL**	**M9222 B**	**Units: colonies/100**		
Coliform, Total	ND		1	1	07/03/08 15:00	KRD	4546196
TOTAL DISSOLVED SOLIDS			**MCL**	**E160.1**	**Units: mg/L**		
Total Dissolved Solids (Residue,Filterable)	1050		20	2	07/07/08 16:30	KRD	4551200

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8880 INTERCHANGE DRIVE
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Client Sample ID MW-2 **Collected:** 07/02/2008 10:10 **SPL Sample ID:** 08070203-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/11/08 7:36	JC	4560557
1,1,1-Trichloroethane	ND		5	1	07/11/08 7:36	JC	4560557
1,1,2,2-Tetrachloroethane	ND		5	1	07/11/08 7:36	JC	4560557
1,1,2-Trichloroethane	ND		5	1	07/11/08 7:36	JC	4560557
1,1-Dichloroethane	ND		5	1	07/11/08 7:36	JC	4560557
1,1-Dichloroethene	ND		5	1	07/11/08 7:36	JC	4560557
1,1-Dichloropropene	ND		5	1	07/11/08 7:36	JC	4560557
1,2,3-Trichlorobenzene	ND		5	1	07/11/08 7:36	JC	4560557
1,2,3-Trichloropropane	ND		5	1	07/11/08 7:36	JC	4560557
1,2,4-Trichlorobenzene	ND		5	1	07/11/08 7:36	JC	4560557
1,2,4-Trimethylbenzene	ND		5	1	07/11/08 7:36	JC	4560557
1,2-Dibromo-3-chloropropane	ND		5	1	07/11/08 7:36	JC	4560557
1,2-Dibromoethane	ND		5	1	07/11/08 7:36	JC	4560557
1,2-Dichlorobenzene	ND		5	1	07/11/08 7:36	JC	4560557
1,2-Dichloroethane	ND		5	1	07/11/08 7:36	JC	4560557
1,2-Dichloropropane	ND		5	1	07/11/08 7:36	JC	4560557
1,3,5-Trimethylbenzene	ND		5	1	07/11/08 7:36	JC	4560557
1,3-Dichlorobenzene	ND		5	1	07/11/08 7:36	JC	4560557
1,3-Dichloropropane	ND		5	1	07/11/08 7:36	JC	4560557
1,4-Dichlorobenzene	ND		5	1	07/11/08 7:36	JC	4560557
2,2-Dichloropropane	ND		5	1	07/11/08 7:36	JC	4560557
2-Butanone	ND		20	1	07/11/08 7:36	JC	4560557
2-Chloroethyl vinyl ether	ND		10	1	07/11/08 7:36	JC	4560557
2-Chlorotoluene	ND		5	1	07/11/08 7:36	JC	4560557
2-Hexanone	ND		10	1	07/11/08 7:36	JC	4560557
4-Chlorotoluene	ND		5	1	07/11/08 7:36	JC	4560557
4-Isopropyltoluene	ND		5	1	07/11/08 7:36	JC	4560557
4-Methyl-2-pentanone	ND		10	1	07/11/08 7:36	JC	4560557
Acetone	ND		100	1	07/11/08 7:36	JC	4560557
Acrylonitrile	ND		50	1	07/11/08 7:36	JC	4560557
Benzene	ND		5	1	07/11/08 7:36	JC	4560557
Bromobenzene	ND		5	1	07/11/08 7:36	JC	4560557
Bromochloromethane	ND		5	1	07/11/08 7:36	JC	4560557
Bromodichloromethane	ND		5	1	07/11/08 7:36	JC	4560557
Bromoform	ND		5	1	07/11/08 7:36	JC	4560557
Bromomethane	ND		10	1	07/11/08 7:36	JC	4560557
Carbon disulfide	ND		5	1	07/11/08 7:36	JC	4560557
Carbon tetrachloride	ND		5	1	07/11/08 7:36	JC	4560557
Chlorobenzene	ND		5	1	07/11/08 7:36	JC	4560557

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8880 INTERCHANGE DRIVE
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Client Sample ID MW-2 **Collected:** 07/02/2008 10:10 **SPL Sample ID:** 08070203-03

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND			10	1	07/11/08 7:36	JC	4560557
Chloroform	ND			5	1	07/11/08 7:36	JC	4560557
Chloromethane	ND			10	1	07/11/08 7:36	JC	4560557
Dibromochloromethane	ND			5	1	07/11/08 7:36	JC	4560557
Dibromomethane	ND			5	1	07/11/08 7:36	JC	4560557
Dichlorodifluoromethane	ND			10	1	07/11/08 7:36	JC	4560557
Ethylbenzene	ND			5	1	07/11/08 7:36	JC	4560557
Hexachlorobutadiene	ND			5	1	07/11/08 7:36	JC	4560557
Isopropylbenzene	ND			5	1	07/11/08 7:36	JC	4560557
Methyl tert-butyl ether	ND			5	1	07/11/08 7:36	JC	4560557
Methylene chloride	ND			5	1	07/11/08 7:36	JC	4560557
Naphthalene	ND			5	1	07/11/08 7:36	JC	4560557
n-Butylbenzene	ND			5	1	07/11/08 7:36	JC	4560557
n-Propylbenzene	ND			5	1	07/11/08 7:36	JC	4560557
sec-Butylbenzene	ND			5	1	07/11/08 7:36	JC	4560557
Styrene	ND			5	1	07/11/08 7:36	JC	4560557
tert-Butylbenzene	ND			5	1	07/11/08 7:36	JC	4560557
Tetrachloroethene	ND			5	1	07/11/08 7:36	JC	4560557
Toluene	ND			5	1	07/11/08 7:36	JC	4560557
Trichloroethene	ND			5	1	07/11/08 7:36	JC	4560557
Trichlorofluoromethane	ND			5	1	07/11/08 7:36	JC	4560557
Vinyl acetate	ND			10	1	07/11/08 7:36	JC	4560557
Vinyl chloride	ND			10	1	07/11/08 7:36	JC	4560557
cis-1,2-Dichloroethene	ND			5	1	07/11/08 7:36	JC	4560557
cis-1,3-Dichloropropene	ND			5	1	07/11/08 7:36	JC	4560557
m,p-Xylene	ND			5	1	07/11/08 7:36	JC	4560557
o-Xylene	ND			5	1	07/11/08 7:36	JC	4560557
trans-1,2-Dichloroethene	ND			5	1	07/11/08 7:36	JC	4560557
trans-1,3-Dichloropropene	ND			5	1	07/11/08 7:36	JC	4560557
1,2-Dichloroethene (total)	ND			5	1	07/11/08 7:36	JC	4560557
Xylenes,Total	ND			5	1	07/11/08 7:36	JC	4560557
Surr: 1,2-Dichloroethane-d4	112		%	62-130	1	07/11/08 7:36	JC	4560557
Surr: 4-Bromofluorobenzene	104		%	70-130	1	07/11/08 7:36	JC	4560557
Surr: Toluene-d8	104		%	74-122	1	07/11/08 7:36	JC	4560557

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8880 INTERCHANGE DRIVE
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Client Sample ID Pond 1 **Collected:** 07/02/2008 10:45 **SPL Sample ID:** 08070203-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	76		2	1	07/08/08 9:30	PAC	4553256
BIOCHEMICAL OXYGEN DEMAND - 5 DAYS				**MCL**	**SM5210 B**	**Units: mg/L**	
Biochemical Oxygen Demand	ND		2	1	07/03/08 12:30	PAC	4552146
CHEMICAL OXYGEN DEMAND				**MCL**	**SM5220 C**	**Units: mg/L**	
Chemical Oxygen Demand	94		3	1	07/04/08 10:30	A_E	4545776
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	4880		500	1000	07/07/08 23:42	A_E	4552131
Sulfate	7690		500	1000	07/07/08 23:42	A_E	4552131
Nitrogen,Nitrate (As N)	ND		5	10	07/03/08 14:32	A_E	4545801
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:40	CMC	4563008

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	1070		1	10	07/19/08 20:42	EG	4577615
Iron	ND		0.02	1	07/19/08 20:04	EG	4577611
Magnesium	736		1	10	07/19/08 20:42	EG	4577615
Sodium	3890		5	10	07/20/08 18:41	EG	4579350

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	ND		0.005	1	07/20/08 0:52	AL_H	4577883
Barium	0.0813		0.005	1	07/21/08 1:06	BDG	4578129
Cadmium	ND		0.005	1	07/20/08 0:52	AL_H	4577883
Chromium	ND		0.005	1	07/20/08 0:52	AL_H	4577883
Lead	ND		0.005	1	07/20/08 0:52	AL_H	4577883
Manganese	ND		0.005	1	07/21/08 1:06	BDG	4578129
Selenium	ND		0.005	1	07/20/08 0:52	AL_H	4577883
Silver	ND		0.005	1	07/20/08 0:52	AL_H	4577883

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	10		0.1	1	07/03/08 17:15	PAC	4545207

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID Pond 1 **Collected:** 07/02/2008 10:45 **SPL Sample ID:** 08070203-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 19:37	GY	4554777
1,2-Dichlorobenzene	ND		5	1	07/08/08 19:37	GY	4554777
1,2-Diphenylhydrazine	ND		10	1	07/08/08 19:37	GY	4554777
1,3-Dichlorobenzene	ND		5	1	07/08/08 19:37	GY	4554777
1,4-Dichlorobenzene	ND		5	1	07/08/08 19:37	GY	4554777
2,4,5-Trichlorophenol	ND		10	1	07/08/08 19:37	GY	4554777
2,4,6-Trichlorophenol	ND		5	1	07/08/08 19:37	GY	4554777
2,4-Dichlorophenol	ND		5	1	07/08/08 19:37	GY	4554777
2,4-Dimethylphenol	ND		5	1	07/08/08 19:37	GY	4554777
2,4-Dinitrophenol	ND		25	1	07/08/08 19:37	GY	4554777
2,4-Dinitrotoluene	ND		5	1	07/08/08 19:37	GY	4554777
2,6-Dinitrotoluene	ND		5	1	07/08/08 19:37	GY	4554777
2-Chloronaphthalene	ND		5	1	07/08/08 19:37	GY	4554777
2-Chlorophenol	ND		5	1	07/08/08 19:37	GY	4554777
2-Methylnaphthalene	ND		5	1	07/08/08 19:37	GY	4554777
2-Nitroaniline	ND		25	1	07/08/08 19:37	GY	4554777
2-Nitrophenol	ND		5	1	07/08/08 19:37	GY	4554777
3,3'-Dichlorobenzidine	ND		10	1	07/08/08 19:37	GY	4554777
3-Nitroaniline	ND		25	1	07/08/08 19:37	GY	4554777
4,6-Dinitro-2-methylphenol	ND		25	1	07/08/08 19:37	GY	4554777
4-Bromophenyl phenyl ether	ND		5	1	07/08/08 19:37	GY	4554777
4-Chloro-3-methylphenol	ND		5	1	07/08/08 19:37	GY	4554777
4-Chloroaniline	ND		5	1	07/08/08 19:37	GY	4554777
4-Chlorophenyl phenyl ether	ND		5	1	07/08/08 19:37	GY	4554777
4-Nitroaniline	ND		25	1	07/08/08 19:37	GY	4554777
4-Nitrophenol	ND		25	1	07/08/08 19:37	GY	4554777
Acenaphthene	ND		5	1	07/08/08 19:37	GY	4554777
Acenaphthylene	ND		5	1	07/08/08 19:37	GY	4554777
Aniline	ND		5	1	07/08/08 19:37	GY	4554777
Anthracene	ND		5	1	07/08/08 19:37	GY	4554777
Benz(a)anthracene	ND		5	1	07/08/08 19:37	GY	4554777
Benzo(a)pyrene	ND		5	1	07/08/08 19:37	GY	4554777
Benzo(b)fluoranthene	ND		5	1	07/08/08 19:37	GY	4554777
Benzo(g,h,i)perylene	ND		5	1	07/08/08 19:37	GY	4554777
Benzo(k)fluoranthene	ND		5	1	07/08/08 19:37	GY	4554777
Benzoic acid	ND		25	1	07/08/08 19:37	GY	4554777
Benzyl alcohol	ND		5	1	07/08/08 19:37	GY	4554777
Bis(2-chloroethoxy)methane	ND		5	1	07/08/08 19:37	GY	4554777
Bis(2-chloroethyl)ether	ND		5	1	07/08/08 19:37	GY	4554777

Qualifiers:

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HOUSTON, TX 77054
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Client Sample ID Pond 1 **Collected:** 07/02/2008 10:45 **SPL Sample ID:** 08070203-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND		5	1	07/08/08 19:37	GY	4554777
Bis(2-ethylhexyl)phthalate	ND		5	1	07/08/08 19:37	GY	4554777
Butyl benzyl phthalate	ND		5	1	07/08/08 19:37	GY	4554777
Carbazole	ND		5	1	07/08/08 19:37	GY	4554777
Chrysene	ND		5	1	07/08/08 19:37	GY	4554777
Dibenz(a,h)anthracene	ND		5	1	07/08/08 19:37	GY	4554777
Dibenzofuran	ND		5	1	07/08/08 19:37	GY	4554777
Diethyl phthalate	ND		5	1	07/08/08 19:37	GY	4554777
Dimethyl phthalate	ND		5	1	07/08/08 19:37	GY	4554777
Di-n-butyl phthalate	ND		5	1	07/08/08 19:37	GY	4554777
Di-n-octyl phthalate	ND		5	1	07/08/08 19:37	GY	4554777
Fluoranthene	ND		5	1	07/08/08 19:37	GY	4554777
Fluorene	ND		5	1	07/08/08 19:37	GY	4554777
Hexachlorobenzene	ND		5	1	07/08/08 19:37	GY	4554777
Hexachlorobutadiene	ND		5	1	07/08/08 19:37	GY	4554777
Hexachlorocyclopentadiene	ND		5	1	07/08/08 19:37	GY	4554777
Hexachloroethane	ND		5	1	07/08/08 19:37	GY	4554777
Indeno(1,2,3-cd)pyrene	ND		5	1	07/08/08 19:37	GY	4554777
Isophorone	ND		5	1	07/08/08 19:37	GY	4554777
Naphthalene	ND		5	1	07/08/08 19:37	GY	4554777
Nitrobenzene	ND		5	1	07/08/08 19:37	GY	4554777
N-Nitrosodi-n-propylamine	ND		5	1	07/08/08 19:37	GY	4554777
N-Nitrosodiphenylamine	ND		5	1	07/08/08 19:37	GY	4554777
Pentachlorophenol	ND		25	1	07/08/08 19:37	GY	4554777
Phenanthrene	ND		5	1	07/08/08 19:37	GY	4554777
Phenol	ND		5	1	07/08/08 19:37	GY	4554777
Pyrene	ND		5	1	07/08/08 19:37	GY	4554777
Pyridine	ND		5	1	07/08/08 19:37	GY	4554777
2-Methylphenol	ND		5	1	07/08/08 19:37	GY	4554777
3 & 4-Methylphenol	ND		5	1	07/08/08 19:37	GY	4554777
Surr: 2,4,6-Tribromophenol	97.3		% 10-123	1	07/08/08 19:37	GY	4554777
Surr: 2-Fluorobiphenyl	84.0		% 23-116	1	07/08/08 19:37	GY	4554777
Surr: 2-Fluorophenol	69.3		% 16-110	1	07/08/08 19:37	GY	4554777
Surr: Nitrobenzene-d5	86.0		% 21-114	1	07/08/08 19:37	GY	4554777
Surr: Phenol-d5	58.7		% 10-110	1	07/08/08 19:37	GY	4554777
Surr: Terphenyl-d14	80.0		% 22-141	1	07/08/08 19:37	GY	4554777

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 14:15	N_M	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Pond 1 **Collected:** 07/02/2008 10:45 **SPL Sample ID:** 08070203-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL COLIFORMS			**MCL**	**M9222 B**	**Units: colonies/100**		
Coliform, Total	ND		1	1	07/03/08 15:00	KRD	4546197
TOTAL DISSOLVED SOLIDS			**MCL**	**E160.1**	**Units: mg/L**		
Total Dissolved Solids (Residue,Filterable)	16200		2000	200	07/07/08 16:30	KRD	4551201

Qualifiers:

ND/U - Not Detected at the Reporting Limit
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E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Pond 1 **Collected:** 07/02/2008 10:45 **SPL Sample ID:** 08070203-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/11/08 8:03	JC	4560558
1,1,1-Trichloroethane	ND		5	1	07/11/08 8:03	JC	4560558
1,1,2,2-Tetrachloroethane	ND		5	1	07/11/08 8:03	JC	4560558
1,1,2-Trichloroethane	ND		5	1	07/11/08 8:03	JC	4560558
1,1-Dichloroethane	ND		5	1	07/11/08 8:03	JC	4560558
1,1-Dichloroethene	ND		5	1	07/11/08 8:03	JC	4560558
1,1-Dichloropropene	ND		5	1	07/11/08 8:03	JC	4560558
1,2,3-Trichlorobenzene	ND		5	1	07/11/08 8:03	JC	4560558
1,2,3-Trichloropropane	ND		5	1	07/11/08 8:03	JC	4560558
1,2,4-Trichlorobenzene	ND		5	1	07/11/08 8:03	JC	4560558
1,2,4-Trimethylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
1,2-Dibromo-3-chloropropane	ND		5	1	07/11/08 8:03	JC	4560558
1,2-Dibromoethane	ND		5	1	07/11/08 8:03	JC	4560558
1,2-Dichlorobenzene	ND		5	1	07/11/08 8:03	JC	4560558
1,2-Dichloroethane	ND		5	1	07/11/08 8:03	JC	4560558
1,2-Dichloropropane	ND		5	1	07/11/08 8:03	JC	4560558
1,3,5-Trimethylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
1,3-Dichlorobenzene	ND		5	1	07/11/08 8:03	JC	4560558
1,3-Dichloropropane	ND		5	1	07/11/08 8:03	JC	4560558
1,4-Dichlorobenzene	ND		5	1	07/11/08 8:03	JC	4560558
2,2-Dichloropropane	ND		5	1	07/11/08 8:03	JC	4560558
2-Butanone	ND		20	1	07/11/08 8:03	JC	4560558
2-Chloroethyl vinyl ether	ND		10	1	07/11/08 8:03	JC	4560558
2-Chlorotoluene	ND		5	1	07/11/08 8:03	JC	4560558
2-Hexanone	ND		10	1	07/11/08 8:03	JC	4560558
4-Chlorotoluene	ND		5	1	07/11/08 8:03	JC	4560558
4-Isopropyltoluene	ND		5	1	07/11/08 8:03	JC	4560558
4-Methyl-2-pentanone	ND		10	1	07/11/08 8:03	JC	4560558
Acetone	ND		100	1	07/11/08 8:03	JC	4560558
Acrylonitrile	ND		50	1	07/11/08 8:03	JC	4560558
Benzene	ND		5	1	07/11/08 8:03	JC	4560558
Bromobenzene	ND		5	1	07/11/08 8:03	JC	4560558
Bromochloromethane	ND		5	1	07/11/08 8:03	JC	4560558
Bromodichloromethane	ND		5	1	07/11/08 8:03	JC	4560558
Bromoform	ND		5	1	07/11/08 8:03	JC	4560558
Bromomethane	ND		10	1	07/11/08 8:03	JC	4560558
Carbon disulfide	ND		5	1	07/11/08 8:03	JC	4560558
Carbon tetrachloride	ND		5	1	07/11/08 8:03	JC	4560558
Chlorobenzene	ND		5	1	07/11/08 8:03	JC	4560558

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TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Pond 1 **Collected:** 07/02/2008 10:45 **SPL Sample ID:** 08070203-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/11/08 8:03	JC	4560558
Chloroform	ND		5	1	07/11/08 8:03	JC	4560558
Chloromethane	ND		10	1	07/11/08 8:03	JC	4560558
Dibromochloromethane	ND		5	1	07/11/08 8:03	JC	4560558
Dibromomethane	ND		5	1	07/11/08 8:03	JC	4560558
Dichlorodifluoromethane	ND		10	1	07/11/08 8:03	JC	4560558
Ethylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
Hexachlorobutadiene	ND		5	1	07/11/08 8:03	JC	4560558
Isopropylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
Methyl tert-butyl ether	ND		5	1	07/11/08 8:03	JC	4560558
Methylene chloride	ND		5	1	07/11/08 8:03	JC	4560558
Naphthalene	ND		5	1	07/11/08 8:03	JC	4560558
n-Butylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
n-Propylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
sec-Butylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
Styrene	ND		5	1	07/11/08 8:03	JC	4560558
tert-Butylbenzene	ND		5	1	07/11/08 8:03	JC	4560558
Tetrachloroethene	ND		5	1	07/11/08 8:03	JC	4560558
Toluene	ND		5	1	07/11/08 8:03	JC	4560558
Trichloroethene	ND		5	1	07/11/08 8:03	JC	4560558
Trichlorofluoromethane	ND		5	1	07/11/08 8:03	JC	4560558
Vinyl acetate	ND		10	1	07/11/08 8:03	JC	4560558
Vinyl chloride	ND		10	1	07/11/08 8:03	JC	4560558
cis-1,2-Dichloroethene	ND		5	1	07/11/08 8:03	JC	4560558
cis-1,3-Dichloropropene	ND		5	1	07/11/08 8:03	JC	4560558
m,p-Xylene	ND		5	1	07/11/08 8:03	JC	4560558
o-Xylene	ND		5	1	07/11/08 8:03	JC	4560558
trans-1,2-Dichloroethene	ND		5	1	07/11/08 8:03	JC	4560558
trans-1,3-Dichloropropene	ND		5	1	07/11/08 8:03	JC	4560558
1,2-Dichloroethene (total)	ND		5	1	07/11/08 8:03	JC	4560558
Xylenes,Total	ND		5	1	07/11/08 8:03	JC	4560558
Surr: 1,2-Dichloroethane-d4	112		% 62-130	1	07/11/08 8:03	JC	4560558
Surr: 4-Bromofluorobenzene	108		% 70-130	1	07/11/08 8:03	JC	4560558
Surr: Toluene-d8	106		% 74-122	1	07/11/08 8:03	JC	4560558

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-2 **Collected:** 07/02/2008 12:30 **SPL Sample ID:** 08070203-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	1220		2	1	07/08/08 9:30	PAC	4553257
BIOCHEMICAL OXYGEN DEMAND - 5 DAYS				**MCL**	**SM5210 B**	**Units: mg/L**	
Biochemical Oxygen Demand	21		10	5	07/03/08 16:45	PAC	4553119
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	565		50	100	07/07/08 23:59	A_E	4552132
Sulfate	25.9		2	4	07/08/08 0:15	A_E	4552133
Nitrogen,Nitrate (As N)	ND		0.5	1	07/03/08 14:48	A_E	4545802
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:42	CMC	4563009

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	128		0.1	1	07/19/08 20:08	EG	4577612
Iron	48.8		0.02	1	07/19/08 20:08	EG	4577612
Magnesium	110		0.1	1	07/19/08 20:08	EG	4577612
Sodium	852		5	10	07/20/08 18:46	EG	4579351

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	0.00993		0.005	1	07/20/08 0:58	AL_H	4577884
Barium	0.411		0.005	1	07/21/08 1:13	BDG	4578131
Cadmium	0.131		0.005	1	07/20/08 0:58	AL_H	4577884
Chromium	0.029		0.005	1	07/20/08 0:58	AL_H	4577884
Lead	0.0288		0.005	1	07/20/08 0:58	AL_H	4577884
Manganese	0.476		0.005	1	07/21/08 1:13	BDG	4578131
Selenium	ND		0.005	1	07/20/08 0:58	AL_H	4577884
Silver	ND		0.005	1	07/20/08 0:58	AL_H	4577884

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/07/2008 11:45	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	9.31		0.1	1	07/03/08 17:15	PAC	4545208

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-2 **Collected:** 07/02/2008 12:30 **SPL Sample ID:** 08070203-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 20:07	GY	4554778
1,2-Dichlorobenzene	ND		5	1	07/08/08 20:07	GY	4554778
1,2-Diphenylhydrazine	ND		10	1	07/08/08 20:07	GY	4554778
1,3-Dichlorobenzene	ND		5	1	07/08/08 20:07	GY	4554778
1,4-Dichlorobenzene	ND		5	1	07/08/08 20:07	GY	4554778
2,4,5-Trichlorophenol	ND		10	1	07/08/08 20:07	GY	4554778
2,4,6-Trichlorophenol	ND		5	1	07/08/08 20:07	GY	4554778
2,4-Dichlorophenol	ND		5	1	07/08/08 20:07	GY	4554778
2,4-Dimethylphenol	ND		5	1	07/08/08 20:07	GY	4554778
2,4-Dinitrophenol	ND		25	1	07/08/08 20:07	GY	4554778
2,4-Dinitrotoluene	ND		5	1	07/08/08 20:07	GY	4554778
2,6-Dinitrotoluene	ND		5	1	07/08/08 20:07	GY	4554778
2-Chloronaphthalene	ND		5	1	07/08/08 20:07	GY	4554778
2-Chlorophenol	ND		5	1	07/08/08 20:07	GY	4554778
2-Methylnaphthalene	ND		5	1	07/08/08 20:07	GY	4554778
2-Nitroaniline	ND		25	1	07/08/08 20:07	GY	4554778
2-Nitrophenol	ND		5	1	07/08/08 20:07	GY	4554778
3,3'-Dichlorobenzidine	ND		10	1	07/08/08 20:07	GY	4554778
3-Nitroaniline	ND		25	1	07/08/08 20:07	GY	4554778
4,6-Dinitro-2-methylphenol	ND		25	1	07/08/08 20:07	GY	4554778
4-Bromophenyl phenyl ether	ND		5	1	07/08/08 20:07	GY	4554778
4-Chloro-3-methylphenol	ND		5	1	07/08/08 20:07	GY	4554778
4-Chloroaniline	ND		5	1	07/08/08 20:07	GY	4554778
4-Chlorophenyl phenyl ether	ND		5	1	07/08/08 20:07	GY	4554778
4-Nitroaniline	ND		25	1	07/08/08 20:07	GY	4554778
4-Nitrophenol	ND		25	1	07/08/08 20:07	GY	4554778
Acenaphthene	ND		5	1	07/08/08 20:07	GY	4554778
Acenaphthylene	ND		5	1	07/08/08 20:07	GY	4554778
Aniline	ND		5	1	07/08/08 20:07	GY	4554778
Anthracene	ND		5	1	07/08/08 20:07	GY	4554778
Benz(a)anthracene	ND		5	1	07/08/08 20:07	GY	4554778
Benzo(a)pyrene	ND		5	1	07/08/08 20:07	GY	4554778
Benzo(b)fluoranthene	ND		5	1	07/08/08 20:07	GY	4554778
Benzo(g,h,i)perylene	ND		5	1	07/08/08 20:07	GY	4554778
Benzo(k)fluoranthene	ND		5	1	07/08/08 20:07	GY	4554778
Benzoic acid	56		25	1	07/08/08 20:07	GY	4554778
Benzyl alcohol	ND		5	1	07/08/08 20:07	GY	4554778
Bis(2-chloroethoxy)methane	ND		5	1	07/08/08 20:07	GY	4554778
Bis(2-chloroethyl)ether	ND		5	1	07/08/08 20:07	GY	4554778

Qualifiers:

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J - Estimated Value between MDL and PQL
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-2 **Collected:** 07/02/2008 12:30 **SPL Sample ID:** 08070203-05

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND			5	1	07/08/08 20:07	GY	4554778
Bis(2-ethylhexyl)phthalate	7			5	1	07/08/08 20:07	GY	4554778
Butyl benzyl phthalate	ND			5	1	07/08/08 20:07	GY	4554778
Carbazole	ND			5	1	07/08/08 20:07	GY	4554778
Chrysene	ND			5	1	07/08/08 20:07	GY	4554778
Dibenz(a,h)anthracene	ND			5	1	07/08/08 20:07	GY	4554778
Dibenzofuran	ND			5	1	07/08/08 20:07	GY	4554778
Diethyl phthalate	ND			5	1	07/08/08 20:07	GY	4554778
Dimethyl phthalate	ND			5	1	07/08/08 20:07	GY	4554778
Di-n-butyl phthalate	ND			5	1	07/08/08 20:07	GY	4554778
Di-n-octyl phthalate	ND			5	1	07/08/08 20:07	GY	4554778
Fluoranthene	ND			5	1	07/08/08 20:07	GY	4554778
Fluorene	ND			5	1	07/08/08 20:07	GY	4554778
Hexachlorobenzene	ND			5	1	07/08/08 20:07	GY	4554778
Hexachlorobutadiene	ND			5	1	07/08/08 20:07	GY	4554778
Hexachlorocyclopentadiene	ND			5	1	07/08/08 20:07	GY	4554778
Hexachloroethane	ND			5	1	07/08/08 20:07	GY	4554778
Indeno(1,2,3-cd)pyrene	ND			5	1	07/08/08 20:07	GY	4554778
Isophorone	ND			5	1	07/08/08 20:07	GY	4554778
Naphthalene	6			5	1	07/08/08 20:07	GY	4554778
Nitrobenzene	ND			5	1	07/08/08 20:07	GY	4554778
N-Nitrosodi-n-propylamine	ND			5	1	07/08/08 20:07	GY	4554778
N-Nitrosodiphenylamine	ND			5	1	07/08/08 20:07	GY	4554778
Pentachlorophenol	ND			25	1	07/08/08 20:07	GY	4554778
Phenanthrene	ND			5	1	07/08/08 20:07	GY	4554778
Phenol	8			5	1	07/08/08 20:07	GY	4554778
Pyrene	ND			5	1	07/08/08 20:07	GY	4554778
Pyridine	ND			5	1	07/08/08 20:07	GY	4554778
2-Methylphenol	ND			5	1	07/08/08 20:07	GY	4554778
3 & 4-Methylphenol	6			5	1	07/08/08 20:07	GY	4554778
Surr: 2,4,6-Tribromophenol	82.7		%	10-123	1	07/08/08 20:07	GY	4554778
Surr: 2-Fluorobiphenyl	58.0		%	23-116	1	07/08/08 20:07	GY	4554778
Surr: 2-Fluorophenol	42.7		%	16-110	1	07/08/08 20:07	GY	4554778
Surr: Nitrobenzene-d5	58.0		%	21-114	1	07/08/08 20:07	GY	4554778
Surr: Phenol-d5	36.0		%	10-110	1	07/08/08 20:07	GY	4554778
Surr: Terphenyl-d14	62.0		%	22-141	1	07/08/08 20:07	GY	4554778

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 14:15	N_M	1.00

Qualifiers:

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TNTC - Too numerous to count
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-2 **Collected:** 07/02/2008 12:30 **SPL Sample ID:** 08070203-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL DISSOLVED SOLIDS			**MCL**	**E160.1**	**Units: mg/L**		
Total Dissolved Solids (Residue,Filterable)	282		10	1	07/03/08 18:00	KRD	4545900

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J - Estimated Value between MDL and PQL
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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-2 **Collected:** 07/02/2008 12:30 **SPL Sample ID:** 08070203-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/11/08 8:31	JC	4560559
1,1,1-Trichloroethane	ND		5	1	07/11/08 8:31	JC	4560559
1,1,2,2-Tetrachloroethane	ND		5	1	07/11/08 8:31	JC	4560559
1,1,2-Trichloroethane	ND		5	1	07/11/08 8:31	JC	4560559
1,1-Dichloroethane	ND		5	1	07/11/08 8:31	JC	4560559
1,1-Dichloroethene	ND		5	1	07/11/08 8:31	JC	4560559
1,1-Dichloropropene	ND		5	1	07/11/08 8:31	JC	4560559
1,2,3-Trichlorobenzene	ND		5	1	07/11/08 8:31	JC	4560559
1,2,3-Trichloropropane	ND		5	1	07/11/08 8:31	JC	4560559
1,2,4-Trichlorobenzene	ND		5	1	07/11/08 8:31	JC	4560559
1,2,4-Trimethylbenzene	ND		5	1	07/11/08 8:31	JC	4560559
1,2-Dibromo-3-chloropropane	ND		5	1	07/11/08 8:31	JC	4560559
1,2-Dibromoethane	ND		5	1	07/11/08 8:31	JC	4560559
1,2-Dichlorobenzene	ND		5	1	07/11/08 8:31	JC	4560559
1,2-Dichloroethane	ND		5	1	07/11/08 8:31	JC	4560559
1,2-Dichloropropane	ND		5	1	07/11/08 8:31	JC	4560559
1,3,5-Trimethylbenzene	ND		5	1	07/11/08 8:31	JC	4560559
1,3-Dichlorobenzene	ND		5	1	07/11/08 8:31	JC	4560559
1,3-Dichloropropane	ND		5	1	07/11/08 8:31	JC	4560559
1,4-Dichlorobenzene	ND		5	1	07/11/08 8:31	JC	4560559
2,2-Dichloropropane	ND		5	1	07/11/08 8:31	JC	4560559
2-Butanone	ND		20	1	07/11/08 8:31	JC	4560559
2-Chloroethyl vinyl ether	ND		10	1	07/11/08 8:31	JC	4560559
2-Chlorotoluene	ND		5	1	07/11/08 8:31	JC	4560559
2-Hexanone	ND		10	1	07/11/08 8:31	JC	4560559
4-Chlorotoluene	ND		5	1	07/11/08 8:31	JC	4560559
4-Isopropyltoluene	ND		5	1	07/11/08 8:31	JC	4560559
4-Methyl-2-pentanone	ND		10	1	07/11/08 8:31	JC	4560559
Acetone	ND		100	1	07/11/08 8:31	JC	4560559
Acrylonitrile	ND		50	1	07/11/08 8:31	JC	4560559
Benzene	7700		250	50	07/11/08 16:21	JC	4561081
Bromobenzene	ND		5	1	07/11/08 8:31	JC	4560559
Bromochloromethane	ND		5	1	07/11/08 8:31	JC	4560559
Bromodichloromethane	ND		5	1	07/11/08 8:31	JC	4560559
Bromoform	ND		5	1	07/11/08 8:31	JC	4560559
Bromomethane	ND		10	1	07/11/08 8:31	JC	4560559
Carbon disulfide	ND		5	1	07/11/08 8:31	JC	4560559
Carbon tetrachloride	ND		5	1	07/11/08 8:31	JC	4560559
Chlorobenzene	ND		5	1	07/11/08 8:31	JC	4560559

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID WMW-2 **Collected:** 07/02/2008 12:30 **SPL Sample ID:** 08070203-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10		1	07/11/08 8:31	JC	4560559
Chloroform	ND		5		1	07/11/08 8:31	JC	4560559
Chloromethane	ND		10		1	07/11/08 8:31	JC	4560559
Dibromochloromethane	ND		5		1	07/11/08 8:31	JC	4560559
Dibromomethane	ND		5		1	07/11/08 8:31	JC	4560559
Dichlorodifluoromethane	ND		10		1	07/11/08 8:31	JC	4560559
Ethylbenzene	34		5		1	07/11/08 8:31	JC	4560559
Hexachlorobutadiene	ND		5		1	07/11/08 8:31	JC	4560559
Isopropylbenzene	ND		5		1	07/11/08 8:31	JC	4560559
Methyl tert-butyl ether	ND		5		1	07/11/08 8:31	JC	4560559
Methylene chloride	ND		5		1	07/11/08 8:31	JC	4560559
Naphthalene	7		5		1	07/11/08 8:31	JC	4560559
n-Butylbenzene	ND		5		1	07/11/08 8:31	JC	4560559
n-Propylbenzene	ND		5		1	07/11/08 8:31	JC	4560559
sec-Butylbenzene	ND		5		1	07/11/08 8:31	JC	4560559
Styrene	ND		5		1	07/11/08 8:31	JC	4560559
tert-Butylbenzene	ND		5		1	07/11/08 8:31	JC	4560559
Tetrachloroethene	ND		5		1	07/11/08 8:31	JC	4560559
Toluene	190		5		1	07/11/08 8:31	JC	4560559
Trichloroethene	ND		5		1	07/11/08 8:31	JC	4560559
Trichlorofluoromethane	ND		5		1	07/11/08 8:31	JC	4560559
Vinyl acetate	ND		10		1	07/11/08 8:31	JC	4560559
Vinyl chloride	ND		10		1	07/11/08 8:31	JC	4560559
cis-1,2-Dichloroethene	ND		5		1	07/11/08 8:31	JC	4560559
cis-1,3-Dichloropropene	ND		5		1	07/11/08 8:31	JC	4560559
m,p-Xylene	150		5		1	07/11/08 8:31	JC	4560559
o-Xylene	51		5		1	07/11/08 8:31	JC	4560559
trans-1,2-Dichloroethene	ND		5		1	07/11/08 8:31	JC	4560559
trans-1,3-Dichloropropene	ND		5		1	07/11/08 8:31	JC	4560559
1,2-Dichloroethene (total)	ND		5		1	07/11/08 8:31	JC	4560559
Xylenes,Total	201		5		1	07/11/08 8:31	JC	4560559
Surr: 1,2-Dichloroethane-d4	106		%	62-130	1	07/11/08 8:31	JC	4560559
Surr: 1,2-Dichloroethane-d4	112		%	62-130	50	07/11/08 16:21	JC	4561081
Surr: 4-Bromofluorobenzene	104		%	70-130	1	07/11/08 8:31	JC	4560559
Surr: 4-Bromofluorobenzene	100		%	70-130	50	07/11/08 16:21	JC	4561081
Surr: Toluene-d8	104		%	74-122	50	07/11/08 16:21	JC	4561081
Surr: Toluene-d8	102		%	74-122	1	07/11/08 8:31	JC	4560559

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID Duplicate **Collected:** 07/02/2008 12:45 **SPL Sample ID:** 08070203-06

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				**MCL**	**SW8260B**	**Units: ug/L**		
Benzene	7900			250	50	07/11/08 16:49	JC	4561082
Ethylbenzene	56			5	1	07/11/08 8:58	JC	4560560
Toluene	220 J			250	50	07/11/08 16:49	JC	4561082
m,p-Xylene	260			5	1	07/11/08 8:58	JC	4560560
o-Xylene	86			5	1	07/11/08 8:58	JC	4560560
Xylenes,Total	346			5	1	07/11/08 8:58	JC	4560560
Surr: 1,2-Dichloroethane-d4	108		%	62-130	50	07/11/08 16:49	JC	4561082
Surr: 1,2-Dichloroethane-d4	104		%	62-130	1	07/11/08 8:58	JC	4560560
Surr: 4-Bromofluorobenzene	100		%	70-130	50	07/11/08 16:49	JC	4561082
Surr: 4-Bromofluorobenzene	106		%	70-130	1	07/11/08 8:58	JC	4560560
Surr: Toluene-d8	104		%	74-122	50	07/11/08 16:49	JC	4561082
Surr: Toluene-d8	104		%	74-122	1	07/11/08 8:58	JC	4560560

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID Trip Blank **Collected:** 07/02/2008 13:00 **SPL Sample ID:** 08070203-07

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
Benzene	ND		5	1	07/11/08 14:56	JC	4561225
Ethylbenzene	ND		5	1	07/11/08 14:56	JC	4561225
Toluene	ND		5	1	07/11/08 14:56	JC	4561225
m,p-Xylene	ND		5	1	07/11/08 14:56	JC	4561225
o-Xylene	ND		5	1	07/11/08 14:56	JC	4561225
Xylenes,Total	ND		5	1	07/11/08 14:56	JC	4561225
Surr: 1,2-Dichloroethane-d4	108		% 62-130	1	07/11/08 14:56	JC	4561225
Surr: 4-Bromofluorobenzene	100		% 70-130	1	07/11/08 14:56	JC	4561225
Surr: Toluene-d8	102		% 74-122	1	07/11/08 14:56	JC	4561225

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6010B, Total
Method: SW6010B
WorkOrder: 08070203
Lab Batch ID: 81342

Method Blank

RunID: TJA_080719A-4577600 Units: mg/L
Analysis Date: 07/19/2008 19:12 Analyst: EG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Calcium	ND	0.1
Iron	ND	0.02
Magnesium	ND	0.1

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02E	Pond 2
08070203-03E	MW-2
08070203-04E	Pond 1
08070203-05E	WMW-2

Laboratory Control Sample (LCS)

RunID: TJA_080719A-4577601 Units: mg/L
Analysis Date: 07/19/2008 19:17 Analyst: EG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Calcium	1.000	1.130	113.0	80	120
Iron	1.000	1.095	109.5	80	120
Magnesium	1.000	1.102	110.2	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070267-01
RunID: TJA_080719A-4577603 Units: mg/L
Analysis Date: 07/19/2008 19:25 Analyst: EG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Calcium	154.0	1	154.6	N/C	1	147.9	N/C	N/C	20	75	125
Iron	ND	1	1.067	105.8	1	1.019	101.0	4.641	20	75	125
Magnesium	92.57	1	92.42	N/C	1	89.42	N/C	N/C	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

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Analysis: Metals by Method 6010B, Total
Method: SW6010B
WorkOrder: 08070203
Lab Batch ID: 81342B

Method Blank

RunID: TJA_080720B-4579334 Units: mg/L
Analysis Date: 07/20/2008 17:44 Analyst: EG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Sodium	ND	0.5

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02E	Pond 2
08070203-03E	MW-2
08070203-04E	Pond 1
08070203-05E	WMW-2

Laboratory Control Sample (LCS)

RunID: TJA_080720B-4579335 Units: mg/L
Analysis Date: 07/20/2008 17:51 Analyst: EG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Sodium	1.000	0.9932	99.32	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070267-01
RunID: TJA_080720B-4579337 Units: mg/L
Analysis Date: 07/20/2008 18:00 Analyst: EG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Sodium	174.6	1	172.4	N/C	1	166.4	N/C	N/C	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

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Analysis: Metals by Method 6020, Total
Method: SW6020A
WorkOrder: 08070203
Lab Batch ID: 81342C-I

Method Blank

RunID: ICPMS2_080720A-4578117 Units: mg/L
Analysis Date: 07/20/2008 23:47 Analyst: BDG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Barium	ND	0.005
Manganese	ND	0.005

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02E	Pond 2
08070203-03E	MW-2
08070203-04E	Pond 1
08070203-05E	WMW-2

Laboratory Control Sample (LCS)

RunID: ICPMS2_080720A-4578118 Units: mg/L
Analysis Date: 07/20/2008 23:53 Analyst: BDG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Barium	0.1000	0.09977	99.77	80	120
Manganese	0.1000	0.08170	81.70	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070267-01
RunID: ICPMS2_080720A-4578120 Units: mg/L
Analysis Date: 07/21/2008 0:06 Analyst: BDG
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Barium	0.04781	0.1	0.1522	104.4	0.1	0.1490	101.2	2.125	20	75	125
Manganese	0.01396	0.1	0.1001	86.14	0.1	0.1055	91.54	5.253	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6020, Total **WorkOrder:** 08070203
Method: SW6020A **Lab Batch ID:** 81342-I

Method Blank

RunID: ICPMS2_080719A-4577871 Units: mg/L
Analysis Date: 07/19/2008 23:32 Analyst: AL_H
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Arsenic	ND	0.005
Cadmium	ND	0.005
Chromium	ND	0.005
Lead	ND	0.005
Selenium	ND	0.005
Silver	ND	0.005

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02E	Pond 2
08070203-03E	MW-2
08070203-04E	Pond 1
08070203-05E	WMW-2

Laboratory Control Sample (LCS)

RunID: ICPMS2_080719A-4577872 Units: mg/L
Analysis Date: 07/19/2008 23:39 Analyst: AL_H
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Arsenic	0.1000	0.08296	82.96	80	120
Cadmium	0.1000	0.09005	90.05	80	120
Chromium	0.1000	0.09172	91.72	80	120
Lead	0.1000	0.08197	81.97	80	120
Selenium	0.1000	0.08701	87.01	80	120
Silver	0.1000	0.1150	115.0	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070267-01
RunID: ICPMS2_080719A-4577874 Units: mg/L
Analysis Date: 07/19/2008 23:52 Analyst: AL_H
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Arsenic	ND	0.1	0.08874	87.58	0.1	0.09659	95.43	8.471	20	75	125
Cadmium	ND	0.1	0.09090	90.90	0.1	0.09934	99.34	8.873	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

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Analysis: Metals by Method 6020, Total **WorkOrder:** 08070203
Method: SW6020A **Lab Batch ID:** 81342-I

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070267-01
RunID: ICPMS2_080719A-4577874 Units: mg/L
Analysis Date: 07/19/2008 23:52 Analyst: AL_H
Preparation Date: 07/07/2008 11:45 Prep By: DD Method SW3010A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chromium	ND	0.1	0.09584	95.28	0.1	0.1005	99.94	4.747	20	75	125
Lead	ND	0.1	0.08820	88.20	0.1	0.09523	95.23	7.665	20	75	125
Selenium	0.005051	0.1	0.09637	91.32	0.1	0.09584	90.79	0.5515	20	75	125
Silver	ND	0.1	0.1129	112.9	0.1	0.1122	112.2	0.6219	20	75	125

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Mercury, Total
Method: SW7470A
WorkOrder: 08070203
Lab Batch ID: 81524

Method Blank

RunID: HGLC_080711B-4562995 Units: mg/L
Analysis Date: 07/11/2008 16:11 Analyst: CMC
Preparation Date: 07/10/2008 18:30 Prep By: CMC Method SW7470A

Analyte	Result	Rep Limit
Mercury	ND	0.0002

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02E	Pond 2
08070203-03E	MW-2
08070203-04E	Pond 1
08070203-05E	WMW-2

Laboratory Control Sample (LCS)

RunID: HGLC_080711B-4562996 Units: mg/L
Analysis Date: 07/11/2008 16:13 Analyst: CMC
Preparation Date: 07/10/2008 18:30 Prep By: CMC Method SW7470A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Mercury	0.002000	0.001935	96.74	80	120

Post Digestion Spike (PDS) / Post Digestion Spike Duplicate (PDSD)

Sample Spiked: 08070120-01
RunID: HGLC_080711B-4563021 Units: mg/L
Analysis Date: 07/11/2008 18:12 Analyst: CMC

Analyte	Sample Result	PDS Spike Added	PDS Result	PDS % Recovery	PDSD Spike Added	PDSD Result	PDSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Mercury	ND	0.002	0.001712	85.58	0.002	0.001697	84.87 *	0.8290	20	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070120-01
RunID: HGLC_080711B-4563000 Units: mg/L
Analysis Date: 07/11/2008 16:23 Analyst: CMC
Preparation Date: 07/10/2008 18:30 Prep By: CMC Method SW7470A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Mercury	ND	0.002	0.001613	80.63	0.002	0.001466	73.30 *	9.532	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis:	**Mercury, Total**	**WorkOrder:**	**08070203**
Method:	**SW7470A**	**Lab Batch ID:**	**81524**

Qualifiers:

- ND/U - Not Detected at the Reporting Limit
- B/V - Analyte detected in the associated Method Blank
- J - Estimated value between MDL and PQL
- E - Estimated Value exceeds calibration curve
- MI - Matrix Interference
- D - Recovery Unreportable due to Dilution
- * - Recovery Outside Advisable QC Limits
- N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
- TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

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Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070203
Lab Batch ID: 81236

Method Blank

RunID: H_080707D-4552702 Units: ug/L
Analysis Date: 07/07/2008 19:21 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02B	Pond 2
08070203-03B	MW-2
08070203-04B	Pond 1
08070203-05B	WMW-2

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	10
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4,5-Trichlorophenol	ND	10
2,4,6-Trichlorophenol	ND	5.0
2,4-Dichlorophenol	ND	5.0
2,4-Dimethylphenol	ND	5.0
2,4-Dinitrophenol	ND	25
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
2-Chlorophenol	ND	5.0
2-Methylnaphthalene	ND	5.0
2-Nitroaniline	ND	25
2-Nitrophenol	ND	5.0
3,3'-Dichlorobenzidine	ND	10
3-Nitroaniline	ND	25
4,6-Dinitro-2-methylphenol	ND	25
4-Bromophenyl phenyl ether	ND	5.0
4-Chloro-3-methylphenol	ND	5.0
4-Chloroaniline	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
4-Nitroaniline	ND	25
4-Nitrophenol	ND	25
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Aniline	ND	5.0
Anthracene	ND	5.0
Benz(a)anthracene	ND	5.0
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzoic acid	ND	25
Benzyl alcohol	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Carbazole	ND	5.0
Chrysene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Dibenzofuran	ND	5.0

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070203
Method: SW8270C **Lab Batch ID:** 81236

Method Blank

RunID: H_080707D-4552702 Units: ug/L
Analysis Date: 07/07/2008 19:21 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	5.0
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
N-Nitrosodi-n-propylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Pentachlorophenol	ND	25
Phenanthrene	ND	5.0
Phenol	ND	5.0
Pyrene	ND	5.0
Pyridine	ND	5.0
2-Methylphenol	ND	5.0
3 & 4-Methylphenol	ND	5.0
Surr: 2,4,6-Tribromophenol	90.7	10-123
Surr: 2-Fluorobiphenyl	80.0	23-116
Surr: 2-Fluorophenol	72.0	16-110
Surr: Nitrobenzene-d5	84.0	21-114
Surr: Phenol-d5	61.3	10-110
Surr: Terphenyl-d14	92.0	22-141

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	39	21	120
1,2-Dichlorobenzene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	20	150

Qualifiers:

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J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070203
Method: SW8270C **Lab Batch ID:** 81236

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	25.0	21.0	84.0	25.0	22.0	88.0	4.7	50	10	251
1,3-Dichlorobenzene	25.0	22.0	88.0	25.0	22.0	88.0	0.0	50	20	150
1,4-Dichlorobenzene	25.0	22.0	88.0	25.0	23.0	92.0	4.4	45	20	150
2,4,5-Trichlorophenol	25.0	24.0	96.0	25.0	25.0	100	4.1	50	30	150
2,4,6-Trichlorophenol	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	30	150
2,4-Dichlorophenol	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	30	150
2,4-Dimethylphenol	25.0	24.0	96.0	25.0	25.0	100	4.1	50	32	140
2,4-Dinitrophenol	25.0	30.0	120	25.0	29.0	116	3.4	50	10	160
2,4-Dinitrotoluene	25.0	27.0	108	25.0	28.0	112	3.6	50	30	150
2,6-Dinitrotoluene	25.0	25.0	100	25.0	26.0	104	3.9	50	30	150
2-Chloronaphthalene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	30	150
2-Chlorophenol	25.0	22.0	88.0	25.0	24.0	96.0	8.7	40	23	134
2-Methylnaphthalene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	170
2-Nitroaniline	25.0	25.0	100	25.0	25.0	100	0.0	50	20	160
2-Nitrophenol	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	29	182
3,3'-Dichlorobenzidine	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	30	200
3-Nitroaniline	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	20	160
4,6-Dinitro-2-methylphenol	25.0	26.0	104	25.0	26.0	104	0.0	50	10	160
4-Bromophenyl phenyl ether	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	30	150
4-Chloro-3-methylphenol	25.0	24.0	96.0	25.0	25.0	100	4.1	42	25	160
4-Chloroaniline	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	160
4-Chlorophenyl phenyl ether	25.0	26.0	104	25.0	27.0	108	3.8	50	25	158
4-Nitroaniline	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	160
4-Nitrophenol	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	10	132
Acenaphthene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	31	30	150
Acenaphthylene	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	33	250
Aniline	50.0	43.0	86.0	50.0	45.0	90.0	4.5	50	10	135
Anthracene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	27	133
Benz(a)anthracene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	33	143
Benzo(a)pyrene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	17	163
Benzo(b)fluoranthene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	24	159
Benzo(g,h,i)perylene	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	30	160
Benzo(k)fluoranthene	25.0	22.0	88.0	25.0	22.0	88.0	0.0	50	11	162

Qualifiers:

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070203
Method: SW8270C **Lab Batch ID:** 81236

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Benzoic acid	25.0	26.0	104	25.0	27.0	108	3.8	50	10	400
Benzyl alcohol	25.0	22.0	88.0	25.0	24.0	96.0	8.7	50	30	160
Bis(2-chloroethoxy)methane	25.0	38.0	152	25.0	39.0	156	2.6	50	33	184
Bis(2-chloroethyl)ether	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	12	158
Bis(2-chloroisopropyl)ether	25.0	25.0	100	25.0	26.0	104	3.9	50	20	160
Bis(2-ethylhexyl)phthalate	25.0	25.0	100	25.0	26.0	104	3.9	50	10	158
Butyl benzyl phthalate	25.0	27.0	108	25.0	27.0	108	0.0	50	30	160
Carbazole	25.0	25.0	100	25.0	25.0	100	0.0	50	30	150
Chrysene	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	17	168
Dibenz(a,h)anthracene	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	30	160
Dibenzofuran	25.0	24.0	96.0	25.0	25.0	100	4.1	50	30	150
Diethyl phthalate	25.0	26.0	104	25.0	27.0	108	3.8	50	30	160
Dimethyl phthalate	25.0	25.0	100	25.0	26.0	104	3.9	50	30	160
Di-n-butyl phthalate	25.0	27.0	108	25.0	27.0	108	0.0	50	30	160
Di-n-octyl phthalate	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	20	150
Fluoranthene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	26	137
Fluorene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	30	150
Hexachlorobenzene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	20	150
Hexachlorobutadiene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	140
Hexachlorocyclopentadiene	25.0	18.0	72.0	25.0	18.0	72.0	0.0	50	10	150
Hexachloroethane	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	14	120
Indeno(1,2,3-cd)pyrene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	30	160
Isophorone	25.0	24.0	96.0	25.0	25.0	100	4.1	50	21	196
Naphthalene	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	21	133
Nitrobenzene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	20	160
N-Nitrosodi-n-propylamine	25.0	25.0	100	25.0	26.0	104	3.9	38	30	160
N-Nitrosodiphenylamine	50.0	60.0	120	50.0	60.0	120	0.0	50	30	150
Pentachlorophenol	25.0	26.0	104	25.0	25.0	100	3.9	50	14	176
Phenanthrene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	10	140
Phenol	25.0	22.0	88.0	25.0	22.0	88.0	0.0	42	40	132
Pyrene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	38	30	150
Pyridine	50.0	36.0	72.0	50.0	37.0	74.0	2.7	50	10	150
2-Methylphenol	25.0	23.0	92.0	25.0	25.0	100	8.3	50	30	160

Qualifiers:

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070203
Method: SW8270C **Lab Batch ID:** 81236

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
3 & 4-Methylphenol	25.0	26.0	104	25.0	27.0	108	3.8	50	10	160
Surr: 2,4,6-Tribromophenol	75.0	74.0	98.7	75.0	75.0	100	1.3	30	10	123
Surr: 2-Fluorobiphenyl	50.0	42.0	84.0	50.0	43.0	86.0	2.4	30	23	116
Surr: 2-Fluorophenol	75.0	54.0	72.0	75.0	54.0	72.0	0.0	30	16	110
Surr: Nitrobenzene-d5	50.0	43.0	86.0	50.0	43.0	86.0	0.0	30	21	114
Surr: Phenol-d5	75.0	45.0	60.0	75.0	46.0	61.3	2.2	30	10	110
Surr: Terphenyl-d14	50.0	46.0	92.0	50.0	46.0	92.0	0.0	30	22	141

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244267

Method Blank

RunID: Q_080708A-4553743 Units: ug/L
Analysis Date: 07/08/2008 11:13 Analyst: JC
Preparation Date: 07/08/2008 11:13 Prep By: Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-01A	WMW-3

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
1,1-Dichloroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Butanone	ND	20
2-Chloroethyl vinyl ether	ND	10
2-Chlorotoluene	ND	5.0
2-Hexanone	ND	10
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
4-Methyl-2-pentanone	ND	10
Acetone	ND	100
Acrylonitrile	ND	50
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	10
Carbon disulfide	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	10
Chloroform	ND	5.0
Chloromethane	ND	10
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	10
Ethylbenzene	ND	5.0

Qualifiers:

ND/U - Not Detected at the Reporting Limit
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J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070203
Lab Batch ID: R244267

Method Blank

RunID: Q_080708A-4553743 Units: ug/L
Analysis Date: 07/08/2008 11:13 Analyst: JC
Preparation Date: 07/08/2008 11:13 *Prep By:* Method

Analyte	Result	Rep Limit
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
Methyl tert-butyl ether	ND	5.0
Methylene chloride	ND	5.0
Naphthalene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
Styrene	ND	5.0
tert-Butylbenzene	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Trichloroethene	ND	5.0
Trichlorofluoromethane	ND	5.0
Vinyl acetate	ND	10
Vinyl chloride	ND	10
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,2-Dichloroethene (total)	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	108.0	62-130
Surr: 4-Bromofluorobenzene	100.0	70-130
Surr: Toluene-d8	102.0	74-122

Laboratory Control Sample (LCS)

RunID: Q_080708A-4553742 Units: ug/L
Analysis Date: 07/08/2008 10:45 Analyst: JC
Preparation Date: 07/08/2008 10:45 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	20.0	20.0	100	71	136
1,1,1-Trichloroethane	20.0	19.0	95.0	66	132
1,1,2,2-Tetrachloroethane	20.0	21.0	105	55	139
1,1,2-Trichloroethane	20.0	21.0	105	70	130
1,1-Dichloroethane	20.0	19.0	95.0	67	131

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
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N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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Quality Control Report

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Method: SW8260B **Lab Batch ID:** R244267

Laboratory Control Sample (LCS)

RunID: Q_080708A-4553742 Units: ug/L
Analysis Date: 07/08/2008 10:45 Analyst: JC
Preparation Date: 07/08/2008 10:45 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	20.0	21.0	105	71	146
1,1-Dichloropropene	20.0	19.0	95.0	59	138
1,2,3-Trichlorobenzene	20.0	20.0	100	37	155
1,2,3-Trichloropropane	20.0	23.0	115	70	145
1,2,4-Trichlorobenzene	20.0	19.0	95.0	39	133
1,2,4-Trimethylbenzene	20.0	19.0	95.0	53	147
1,2-Dibromo-3-chloropropane	20.0	20.0	100	43	137
1,2-Dibromoethane	20.0	21.0	105	63	126
1,2-Dichlorobenzene	20.0	19.0	95.0	70	130
1,2-Dichloroethane	20.0	18.0	90.0	64	150
1,2-Dichloropropane	20.0	19.0	95.0	76	124
1,3,5-Trimethylbenzene	20.0	19.0	95.0	57	146
1,3-Dichlorobenzene	20.0	19.0	95.0	72	134
1,3-Dichloropropane	20.0	21.0	105	78	130
1,4-Dichlorobenzene	20.0	20.0	100	70	130
2,2-Dichloropropane	20.0	18.0	90.0	45	156
2-Butanone	120	150	125	20	235
2-Chloroethyl vinyl ether	20.0	20.0	100	13	179
2-Chlorotoluene	20.0	19.0	95.0	64	122
2-Hexanone	20.0	27.0	135	34	182
4-Chlorotoluene	20.0	19.0	95.0	64	142
4-Isopropyltoluene	20.0	20.0	100	60	134
4-Methyl-2-pentanone	20.0	17.0	85.0	11	145
Acetone	200	340	170	13	386
Acrylonitrile	100	100	100	43	194
Benzene	20.0	19.0	95.0	76	126
Bromobenzene	20.0	18.0	90.0	70	130
Bromochloromethane	20.0	22.0	110	63	131
Bromodichloromethane	20.0	19.0	95.0	77	138
Bromoform	20.0	18.0	90.0	55	129
Bromomethane	20.0	21.0	105	58	148
Carbon disulfide	20.0	16.0	80.0	46	146
Carbon tetrachloride	20.0	18.0	90.0	66	137
Chlorobenzene	20.0	20.0	100	67	136

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Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244267

Laboratory Control Sample (LCS)

RunID: Q_080708A-4553742 Units: ug/L
Analysis Date: 07/08/2008 10:45 Analyst: JC
Preparation Date: 07/08/2008 10:45 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloroethane	20.0	19.0	95.0	50	137
Chloroform	20.0	20.0	100	70	135
Chloromethane	20.0	20.0	100	51	140
Dibromochloromethane	20.0	18.0	90.0	69	127
Dibromomethane	20.0	21.0	105	74	130
Dichlorodifluoromethane	20.0	18.0	90.0	32	161
Ethylbenzene	20.0	20.0	100	67	122
Hexachlorobutadiene	20.0	18.0	90.0	43	144
Isopropylbenzene	20.0	19.0	95.0	60	135
Methyl tert-butyl ether	40.0	35.0	87.5	48	160
Methylene chloride	20.0	19.0	95.0	52	143
Naphthalene	20.0	20.0	100	24	150
n-Butylbenzene	20.0	19.0	95.0	50	140
n-Propylbenzene	20.0	19.0	95.0	62	137
sec-Butylbenzene	20.0	19.0	95.0	66	126
Styrene	20.0	19.0	95.0	60	139
tert-Butylbenzene	20.0	18.0	90.0	67	140
Tetrachloroethene	20.0	22.0	110	26	200
Toluene	20.0	19.0	95.0	70	131
Trichloroethene	20.0	20.0	100	64	137
Trichlorofluoromethane	20.0	21.0	105	46	167
Vinyl acetate	20.0	18.0	90.0	10	193
Vinyl chloride	20.0	20.0	100	31	147
cis-1,2-Dichloroethene	20.0	21.0	105	70	142
cis-1,3-Dichloropropene	20.0	16.0	80.0	61	134
m,p-Xylene	40.0	41.0	102	72	150
o-Xylene	20.0	21.0	105	78	141
trans-1,2-Dichloroethene	20.0	20.0	100	67	141
trans-1,3-Dichloropropene	20.0	16.0	80.0	56	136
1,2-Dichloroethene (total)	40	41	100	73	139
Xylenes,Total	60	62	100	72	150
Surr: 1,2-Dichloroethane-d4	50.0	55	110	62	130
Surr: 4-Bromofluorobenzene	50.0	51	102	70	130
Surr: Toluene-d8	50.0	53	106	74	122

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Quality Control Report

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Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244267

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08061913-02
RunID: Q_080708A-4553749 Units: ug/L
Analysis Date: 07/08/2008 15:47 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	ND	1000	970	97.0	1000	1000	100	3.05	20	35	175
1,1,1-Trichloroethane	ND	1000	780	78.0	1000	950	95.0	19.7	20	35	175
1,1,2,2-Tetrachloroethane	ND	1000	1400	140	1000	1100	110	24.0 *	20	35	175
1,1,2-Trichloroethane	ND	1000	1200	120	1000	1000	100	18.2	20	35	175
1,1-Dichloroethane	ND	1000	780	78.0	1000	1000	100	24.7 *	20	35	175
1,1-Dichloroethene	ND	1000	780	78.0	1000	1000	100	24.7 *	22	61	145
1,1-Dichloropropene	ND	1000	890	89.0	1000	990	99.0	10.6	20	35	175
1,2,3-Trichlorobenzene	ND	1000	980	98.0	1000	970	97.0	1.03	20	27	187
1,2,3-Trichloropropane	ND	1000	1500	150	1000	1100	110	30.8 *	20	35	175
1,2,4-Trichlorobenzene	ND	1000	960	96.0	1000	960	96.0	0	20	34	150
1,2,4-Trimethylbenzene	270	1000	1300	103	1000	1300	103	0	20	35	175
1,2-Dibromo-3-chloropropane	ND	1000	1600	160	1000	970	97.0	49.0 *	20	15	175
1,2-Dibromoethane	ND	1000	1300	130	1000	1100	110	16.7	20	35	175
1,2-Dichlorobenzene	ND	1000	980	98.0	1000	990	99.0	1.02	20	35	175
1,2-Dichloroethane	ND	1000	880	88.0	1000	920	92.0	4.44	20	35	175
1,2-Dichloropropane	ND	1000	990	99.0	1000	970	97.0	2.04	20	35	175
1,3,5-Trimethylbenzene	ND	1000	1100	102	1000	1100	102	0	20	35	175
1,3-Dichlorobenzene	ND	1000	970	97.0	1000	980	98.0	1.03	20	35	175
1,3-Dichloropropane	ND	1000	1200	120	1000	1000	100	18.2	20	35	175
1,4-Dichlorobenzene	ND	1000	970	97.0	1000	980	98.0	1.03	20	35	175
2,2-Dichloropropane	ND	1000	520	52.0	1000	870	87.0	50.4 *	20	35	175
2-Butanone	ND	1000	2500	250 *	1000	1400	140	56.4 *	20	10	230
2-Chloroethyl vinyl ether	ND	1000	1500	150	1000	990	99.0	41.0 *	20	10	250
2-Chlorotoluene	ND	1000	1100	110	1000	1000	100	9.52	20	31	175
2-Hexanone	ND	1000	2200	220	1000	1000	100	75.0 *	20	10	250
4-Chlorotoluene	ND	1000	1100	110	1000	980	98.0	11.5	20	31	175
4-Isopropyltoluene	ND	1000	1000	100	1000	1000	100	0	20	35	175
4-Methyl-2-pentanone	ND	1000	1700	170	1000	840	84.0	67.7 *	20	10	175
Acetone	ND	5000	10000	200	5000	6800	136	38.1 *	20	10	400
Acrylonitrile	ND	5800	17000	293 *	5800	10000	172	51.9 *	20	15	250

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Quality Control Report

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Method: SW8260B
WorkOrder: 08070203
Lab Batch ID: R244267

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08061913-02
RunID: Q_080708A-4553749 Units: ug/L
Analysis Date: 07/08/2008 15:47 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	7000	1000	7900	N/C	1000	8200	N/C	N/C	22	76	127
Bromobenzene	ND	1000	1000	100	1000	960	96.0	4.08	20	35	175
Bromochloromethane	ND	1000	840	84.0	1000	1100	110	26.8 *	20	35	175
Bromodichloromethane	ND	1000	900	90.0	1000	940	94.0	4.35	20	35	175
Bromoform	ND	1000	1100	110	1000	920	92.0	17.8	20	35	175
Bromomethane	ND	1000	730	73.0	1000	1000	100	31.2 *	20	35	175
Carbon disulfide	ND	1000	760	76.0	1000	940	94.0	21.2 *	20	30	225
Carbon tetrachloride	ND	1000	680	68.0	1000	880	88.0	25.6 *	20	35	175
Chlorobenzene	ND	1000	1100	110	1000	1100	110	0	21	70	130
Chloroethane	ND	1000	850	85.0	1000	1000	100	16.2	20	35	175
Chloroform	ND	1000	820	82.0	1000	1000	100	19.8	20	35	175
Chloromethane	ND	1000	810	81.0	1000	1000	100	21.0 *	20	35	175
Dibromochloromethane	ND	1000	1000	100	1000	970	97.0	3.05	20	35	175
Dibromomethane	ND	1000	1100	110	1000	1000	100	9.52	20	35	175
Dichlorodifluoromethane	ND	1000	600	60.0	1000	700	70.0	15.4	20	35	175
Ethylbenzene	800	1000	2000	120	1000	1900	110	5.13	20	35	175
Hexachlorobutadiene	ND	1000	850	85.0	1000	860	86.0	1.17	20	43	144
Isopropylbenzene	ND	1000	1100	110	1000	1100	110	0	20	35	175
Methyl tert-butyl ether	ND	1000	910	91.0	1000	830	83.0	9.20	20	35	175
Methylene chloride	ND	1000	790	79.0	1000	1000	100	23.5 *	20	35	175
Naphthalene	ND	1000	1500	150	1000	1100	110	30.8 *	20	20	210
n-Butylbenzene	ND	1000	960	96.0	1000	960	96.0	0	20	35	175
n-Propylbenzene	ND	1000	1100	110	1000	1000	100	9.52	20	35	175
sec-Butylbenzene	ND	1000	1000	100	1000	980	98.0	2.02	20	35	175
Styrene	2600	1000	3800	120	1000	3700	110	2.67	20	35	175
tert-Butylbenzene	ND	1000	1000	100	1000	990	99.0	1.01	20	35	175
Tetrachloroethene	ND	1000	1000	100	1000	980	98.0	2.02	20	30	250
Toluene	6200	1000	7500	N/C	1000	7300	N/C	N/C	24	70	131
Trichloroethene	ND	1000	1000	100	1000	1000	100	0	21	60	140
Trichlorofluoromethane	ND	1000	670	67.0	1000	1000	100	39.5 *	20	17	250
Vinyl acetate	ND	1000	930	93.0	1000	970	97.0	4.21	20	10	250
Vinyl chloride	ND	1000	850	85.0	1000	1000	100	16.2	20	35	175

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Method: SW8260B **Lab Batch ID:** R244267

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08061913-02
RunID: Q_080708A-4553749 Units: ug/L
Analysis Date: 07/08/2008 15:47 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
cis-1,2-Dichloroethene	ND	1000	870	87.0	1000	1000	100	13.9	20	35	175
cis-1,3-Dichloropropene	ND	1000	820	82.0	1000	850	85.0	3.59	20	35	175
m,p-Xylene	3100	2000	5600	125	2000	5200	105	7.41	20	35	175
o-Xylene	1000	1000	2100	110	1000	2100	110	0	20	35	175
trans-1,2-Dichloroethene	ND	1000	770	77.0	1000	1000	100	26.0 *	20	35	175
trans-1,3-Dichloropropene	ND	1000	870	87.0	1000	810	81.0	7.14	20	35	175
1,2-Dichloroethene (total)	ND	2000	1640	82.0	2000	2000	100	19.8	20	35	175
Xylenes,Total	4100	3000	7700	120	3000	7300	110	5.3	20	35	175
Surr: 1,2-Dichloroethane-d4	ND	2500	2600	104	2500	2700	108	3.77	30	62	130
Surr: 4-Bromofluorobenzene	ND	2500	2500	100	2500	2600	104	3.92	30	70	130
Surr: Toluene-d8	ND	2500	2600	104	2500	2600	104	0	30	74	122

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Quality Control Report

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Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070203
Lab Batch ID: R244654

Method Blank

RunID: Q_080710F-4560545 Units: ug/L
Analysis Date: 07/11/2008 0:03 Analyst: JC
Preparation Date: 07/11/2008 0:03 Prep By: Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-03A	MW-2
08070203-04A	Pond 1
08070203-05A	WMW-2
08070203-06A	Duplicate

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
1,1-Dichloroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Butanone	ND	20
2-Chloroethyl vinyl ether	ND	10
2-Chlorotoluene	ND	5.0
2-Hexanone	ND	10
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
4-Methyl-2-pentanone	ND	10
Acetone	ND	100
Acrylonitrile	ND	50
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	10
Carbon disulfide	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	10
Chloroform	ND	5.0
Chloromethane	ND	10
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	10
Ethylbenzene	ND	5.0

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Quality Control Report

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COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244654

Method Blank

RunID: Q_080710F-4560545 Units: ug/L
Analysis Date: 07/11/2008 0:03 Analyst: JC
Preparation Date: 07/11/2008 0:03 Prep By: Method

Analyte	Result	Rep Limit
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
Methyl tert-butyl ether	ND	5.0
Methylene chloride	ND	5.0
Naphthalene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
Styrene	ND	5.0
tert-Butylbenzene	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Trichloroethene	ND	5.0
Trichlorofluoromethane	ND	5.0
Vinyl acetate	ND	10
Vinyl chloride	ND	10
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,2-Dichloroethene (total)	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	110.0	62-130
Surr: 4-Bromofluorobenzene	106.0	70-130
Surr: Toluene-d8	104.0	74-122

Laboratory Control Sample (LCS)

RunID: Q_080710F-4560544 Units: ug/L
Analysis Date: 07/10/2008 23:35 Analyst: JC
Preparation Date: 07/10/2008 23:35 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	20.0	21.0	105	71	136
1,1,1-Trichloroethane	20.0	18.0	90.0	66	132
1,1,2,2-Tetrachloroethane	20.0	24.0	120	55	139
1,1,2-Trichloroethane	20.0	22.0	110	70	130
1,1-Dichloroethane	20.0	20.0	100	67	131

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 08070203
Lab Batch ID: R244654

Laboratory Control Sample (LCS)

RunID: Q_080710F-4560544 Units: ug/L
Analysis Date: 07/10/2008 23:35 Analyst: JC
Preparation Date: 07/10/2008 23:35 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	20.0	20.0	100	71	146
1,1-Dichloropropene	20.0	18.0	90.0	59	138
1,2,3-Trichlorobenzene	20.0	20.0	100	37	155
1,2,3-Trichloropropane	20.0	27.0	135	70	145
1,2,4-Trichlorobenzene	20.0	19.0	95.0	39	133
1,2,4-Trimethylbenzene	20.0	19.0	95.0	53	147
1,2-Dibromo-3-chloropropane	20.0	23.0	115	43	137
1,2-Dibromoethane	20.0	24.0	120	63	126
1,2-Dichlorobenzene	20.0	20.0	100	70	130
1,2-Dichloroethane	20.0	18.0	90.0	64	150
1,2-Dichloropropane	20.0	19.0	95.0	76	124
1,3,5-Trimethylbenzene	20.0	19.0	95.0	57	146
1,3-Dichlorobenzene	20.0	19.0	95.0	72	134
1,3-Dichloropropane	20.0	22.0	110	78	130
1,4-Dichlorobenzene	20.0	20.0	100	70	130
2,2-Dichloropropane	20.0	15.0	75.0	45	156
2-Butanone	120	220	183	20	235
2-Chloroethyl vinyl ether	20.0	22.0	110	13	179
2-Chlorotoluene	20.0	20.0	100	64	122
2-Hexanone	20.0	30.0	150	34	182
4-Chlorotoluene	20.0	19.0	95.0	64	142
4-Isopropyltoluene	20.0	19.0	95.0	60	134
4-Methyl-2-pentanone	20.0	20.0	100	11	145
Acetone	200	570	285	13	386
Acrylonitrile	100	120	120	43	194
Benzene	20.0	19.0	95.0	76	126
Bromobenzene	20.0	19.0	95.0	70	130
Bromochloromethane	20.0	22.0	110	63	131
Bromodichloromethane	20.0	20.0	100	77	138
Bromoform	20.0	25.0	125	55	129
Bromomethane	20.0	21.0	105	58	148
Carbon disulfide	20.0	22.0	110	46	146
Carbon tetrachloride	20.0	18.0	90.0	66	137
Chlorobenzene	20.0	22.0	110	67	136

Qualifiers:

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070203
Lab Batch ID: R244654

Laboratory Control Sample (LCS)

RunID: Q_080710F-4560544 Units: ug/L
Analysis Date: 07/10/2008 23:35 Analyst: JC
Preparation Date: 07/10/2008 23:35 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloroethane	20.0	19.0	95.0	50	137
Chloroform	20.0	20.0	100	70	135
Chloromethane	20.0	18.0	90.0	51	140
Dibromochloromethane	20.0	22.0	110	69	127
Dibromomethane	20.0	22.0	110	74	130
Dichlorodifluoromethane	20.0	16.0	80.0	32	161
Ethylbenzene	20.0	20.0	100	67	122
Hexachlorobutadiene	20.0	16.0	80.0	43	144
Isopropylbenzene	20.0	19.0	95.0	60	135
Methyl tert-butyl ether	40.0	42.0	105	48	160
Methylene chloride	20.0	20.0	100	52	143
Naphthalene	20.0	23.0	115	24	150
n-Butylbenzene	20.0	18.0	90.0	50	140
n-Propylbenzene	20.0	19.0	95.0	62	137
sec-Butylbenzene	20.0	19.0	95.0	66	126
Styrene	20.0	20.0	100	60	139
tert-Butylbenzene	20.0	18.0	90.0	67	140
Tetrachloroethene	20.0	24.0	120	26	200
Toluene	20.0	19.0	95.0	70	131
Trichloroethene	20.0	20.0	100	64	137
Trichlorofluoromethane	20.0	22.0	110	46	167
Vinyl acetate	20.0	19.0	95.0	10	193
Vinyl chloride	20.0	19.0	95.0	31	147
cis-1,2-Dichloroethene	20.0	22.0	110	70	142
cis-1,3-Dichloropropene	20.0	19.0	95.0	61	134
m,p-Xylene	40.0	42.0	105	72	150
o-Xylene	20.0	21.0	105	78	141
trans-1,2-Dichloroethene	20.0	20.0	100	67	141
trans-1,3-Dichloropropene	20.0	20.0	100	56	136
1,2-Dichloroethene (total)	40	42	100	73	139
Xylenes,Total	60	63	100	72	150
Surr: 1,2-Dichloroethane-d4	50.0	56	112	62	130
Surr: 4-Bromofluorobenzene	50.0	52	104	70	130
Surr: Toluene-d8	50.0	52	104	74	122

Qualifiers:

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J - Estimated value between MDL and PQL
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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070203
Lab Batch ID: R244654

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070372-06
RunID: Q_080710F-4560555 Units: ug/L
Analysis Date: 07/11/2008 4:42 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	ND	10000	10000	100	10000	10000	100	0	20	35	175
1,1,1-Trichloroethane	ND	10000	8800	88.0	10000	8500	85.0	3.47	20	35	175
1,1,2,2-Tetrachloroethane	ND	10000	12000	120	10000	13000	130	8.00	20	35	175
1,1,2-Trichloroethane	ND	10000	11000	110	10000	11000	110	0	20	35	175
1,1-Dichloroethane	ND	10000	9300	93.0	10000	9400	94.0	1.07	20	35	175
1,1-Dichloroethene	ND	10000	10000	100	10000	9600	96.0	4.08	22	61	145
1,1-Dichloropropene	ND	10000	9100	91.0	10000	8500	85.0	6.82	20	35	175
1,2,3-Trichlorobenzene	ND	10000	9200	92.0	10000	9500	95.0	3.21	20	27	187
1,2,3-Trichloropropane	ND	10000	12000	120	10000	12000	120	0	20	35	175
1,2,4-Trichlorobenzene	ND	10000	9000	90.0	10000	8800	88.0	2.25	20	34	150
1,2,4-Trimethylbenzene	ND	10000	9800	98.0	10000	8900	89.0	9.63	20	35	175
1,2-Dibromo-3-chloropropane	ND	10000	10000	100	10000	10000	100	0	20	15	175
1,2-Dibromoethane	ND	10000	12000	120	10000	12000	120	0	20	35	175
1,2-Dichlorobenzene	ND	10000	9400	94.0	10000	9300	93.0	1.07	20	35	175
1,2-Dichloroethane	ND	10000	8700	87.0	10000	8800	88.0	1.14	20	35	175
1,2-Dichloropropane	ND	10000	9200	92.0	10000	9200	92.0	0	20	35	175
1,3,5-Trimethylbenzene	ND	10000	9500	95.0	10000	8400	84.0	12.3	20	35	175
1,3-Dichlorobenzene	ND	10000	9300	93.0	10000	8800	88.0	5.52	20	35	175
1,3-Dichloropropane	ND	10000	11000	110	10000	11000	110	0	20	35	175
1,4-Dichlorobenzene	ND	10000	9500	95.0	10000	9000	90.0	5.41	20	35	175
2,2-Dichloropropane	ND	10000	6700	67.0	10000	6800	68.0	1.48	20	35	175
2-Butanone	ND	10000	38000	380 *	10000	41000	410 *	7.59	20	10	230
2-Chloroethyl vinyl ether	ND	10000	11000	110	10000	11000	110	0	20	10	250
2-Chlorotoluene	ND	10000	9400	94.0	10000	8600	86.0	8.89	20	31	175
2-Hexanone	ND	10000	11000	110	10000	12000	120	8.70	20	10	250
4-Chlorotoluene	ND	10000	9400	94.0	10000	8700	87.0	7.73	20	31	175
4-Isopropyltoluene	ND	10000	8600	86.0	10000	7800	78.0	9.76	20	35	175
4-Methyl-2-pentanone	ND	10000	9200	92.0	10000	9400	94.0	2.15	20	10	175
Acetone	ND	50000	100000	140	50000	110000	160	9.52	20	10	400
Acrylonitrile	ND	58000	120000	207	58000	120000	207	0	20	15	250

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HOUSTON LABORATORY
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HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070203
Lab Batch ID: R244654

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070372-06
RunID: Q_080710F-4560555 Units: ug/L
Analysis Date: 07/11/2008 4:42 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	44000	10000	55000	N/C	10000	52000	N/C	N/C	22	76	127
Bromobenzene	ND	10000	9500	95.0	10000	9200	92.0	3.21	20	35	175
Bromochloromethane	ND	10000	11000	110	10000	11000	110	0	20	35	175
Bromodichloromethane	ND	10000	9200	92.0	10000	9200	92.0	0	20	35	175
Bromoform	ND	10000	10000	100	10000	11000	110	9.52	20	35	175
Bromomethane	ND	10000	10000	100	10000	11000	110	9.52	20	35	175
Carbon disulfide	ND	10000	8000	80.0	10000	7600	76.0	5.13	20	30	225
Carbon tetrachloride	ND	10000	8700	87.0	10000	7800	78.0	10.9	20	35	175
Chlorobenzene	ND	10000	11000	110	10000	10000	100	9.52	21	70	130
Chloroethane	ND	10000	9400	94.0	10000	9600	96.0	2.11	20	35	175
Chloroform	ND	10000	9100	91.0	10000	9400	94.0	3.24	20	35	175
Chloromethane	ND	10000	9000	90.0	10000	8700	87.0	3.39	20	35	175
Dibromochloromethane	ND	10000	10000	100	10000	11000	110	9.52	20	35	175
Dibromomethane	ND	10000	11000	110	10000	11000	110	0	20	35	175
Dichlorodifluoromethane	ND	10000	9300	93.0	10000	8600	86.0	7.82	20	35	175
Ethylbenzene	ND	10000	11000	103	10000	10000	93.2	9.52	20	35	175
Hexachlorobutadiene	ND	10000	7300	73.0	10000	7200	72.0	1.38	20	43	144
Isopropylbenzene	ND	10000	10000	100	10000	9500	95.0	5.13	20	35	175
Methyl tert-butyl ether	ND	10000	10000	100	10000	11000	110	9.52	20	35	175
Methylene chloride	ND	10000	9500	95.0	10000	9900	99.0	4.12	20	35	175
Naphthalene	ND	10000	11000	110	10000	11000	110	0	20	20	210
n-Butylbenzene	ND	10000	8000	80.0	10000	7400	74.0	7.79	20	35	175
n-Propylbenzene	ND	10000	9100	91.0	10000	8000	80.0	12.9	20	35	175
sec-Butylbenzene	ND	10000	8500	85.0	10000	7500	75.0	12.5	20	35	175
Styrene	ND	10000	10000	100	10000	10000	100	0	20	35	175
tert-Butylbenzene	ND	10000	8500	85.0	10000	7700	77.0	9.88	20	35	175
Tetrachloroethene	ND	10000	11000	110	10000	9600	96.0	13.6	20	30	250
Toluene	21000	10000	34000	130	10000	30000	90.0	12.5	24	70	131
Trichloroethene	ND	10000	10000	100	10000	9600	96.0	4.08	21	60	140
Trichlorofluoromethane	ND	10000	11000	110	10000	9400	94.0	15.7	20	17	250
Vinyl acetate	ND	10000	8600	86.0	10000	8700	87.0	1.16	20	10	250
Vinyl chloride	ND	10000	9700	97.0	10000	9500	95.0	2.08	20	35	175

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244654

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070372-06
RunID: Q_080710F-4560555 Units: ug/L
Analysis Date: 07/11/2008 4:42 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
cis-1,2-Dichloroethene	ND	10000	10000	100	10000	10000	100	0	20	35	175
cis-1,3-Dichloropropene	ND	10000	8100	81.0	10000	8200	82.0	1.23	20	35	175
m,p-Xylene	3900	20000	28000	120	20000	24000	100	15.4	20	35	175
o-Xylene	ND	10000	12000	107	10000	11000	97.0	8.70	20	35	175
trans-1,2-Dichloroethene	ND	10000	10000	100	10000	9900	99.0	1.01	20	35	175
trans-1,3-Dichloropropene	ND	10000	8100	81.0	10000	8300	83.0	2.44	20	35	175
1,2-Dichloroethene (total)	ND	20000	20000	100	20000	20000	100	0.50	20	35	175
Xylenes,Total	5200	30000	40000	120	30000	35000	99	13	20	35	175
Surr: 1,2-Dichloroethane-d4	ND	25000	27000	108	25000	28000	112	3.64	30	62	130
Surr: 4-Bromofluorobenzene	ND	25000	26000	104	25000	27000	108	3.77	30	70	130
Surr: Toluene-d8	ND	25000	26000	104	25000	26000	104	0	30	74	122

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 08070203
Lab Batch ID: R244687

Method Blank

RunID: Q_080711A-4561830 Units: ug/L
Analysis Date: 07/11/2008 13:05 Analyst: JC
Preparation Date: 07/11/2008 13:05 Prep By: Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02A	Pond 2
08070203-05A	WMW-2
08070203-06A	Duplicate
08070203-07A	Trip Blank

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
1,1-Dichloroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Butanone	ND	20
2-Chloroethyl vinyl ether	ND	10
2-Chlorotoluene	ND	5.0
2-Hexanone	ND	10
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
4-Methyl-2-pentanone	ND	10
Acetone	ND	100
Acrylonitrile	ND	50
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	10
Carbon disulfide	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	10
Chloroform	ND	5.0
Chloromethane	ND	10
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	10
Ethylbenzene	ND	5.0

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244687

Method Blank

RunID: Q_080711A-4561830 Units: ug/L
Analysis Date: 07/11/2008 13:05 Analyst: JC
Preparation Date: 07/11/2008 13:05 Prep By: Method

Analyte	Result	Rep Limit
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
Methyl tert-butyl ether	ND	5.0
Methylene chloride	ND	5.0
Naphthalene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
Styrene	ND	5.0
tert-Butylbenzene	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Trichloroethene	ND	5.0
Trichlorofluoromethane	ND	5.0
Vinyl acetate	ND	10
Vinyl chloride	ND	10
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,2-Dichloroethene (total)	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	110.0	62-130
Surr: 4-Bromofluorobenzene	98.0	70-130
Surr: Toluene-d8	102.0	74-122

Laboratory Control Sample (LCS)

RunID: Q_080711A-4561077 Units: ug/L
Analysis Date: 07/11/2008 12:36 Analyst: JC
Preparation Date: 07/11/2008 12:36 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	20.0	20.0	100	71	136
1,1,1-Trichloroethane	20.0	19.0	95.0	66	132
1,1,2,2-Tetrachloroethane	20.0	22.0	110	55	139
1,1,2-Trichloroethane	20.0	21.0	105	70	130
1,1-Dichloroethane	20.0	22.0	110	67	131

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244687

Laboratory Control Sample (LCS)

RunID: Q_080711A-4561077 Units: ug/L
Analysis Date: 07/11/2008 12:36 Analyst: JC
Preparation Date: 07/11/2008 12:36 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	20.0	22.0	110	71	146
1,1-Dichloropropene	20.0	20.0	100	59	138
1,2,3-Trichlorobenzene	20.0	18.0	90.0	37	155
1,2,3-Trichloropropane	20.0	22.0	110	70	145
1,2,4-Trichlorobenzene	20.0	18.0	90.0	39	133
1,2,4-Trimethylbenzene	20.0	19.0	95.0	53	147
1,2-Dibromo-3-chloropropane	20.0	19.0	95.0	43	137
1,2-Dibromoethane	20.0	21.0	105	63	126
1,2-Dichlorobenzene	20.0	19.0	95.0	70	130
1,2-Dichloroethane	20.0	20.0	100	64	150
1,2-Dichloropropane	20.0	20.0	100	76	124
1,3,5-Trimethylbenzene	20.0	19.0	95.0	57	146
1,3-Dichlorobenzene	20.0	19.0	95.0	72	134
1,3-Dichloropropane	20.0	21.0	105	78	130
1,4-Dichlorobenzene	20.0	20.0	100	70	130
2,2-Dichloropropane	20.0	18.0	90.0	45	156
2-Butanone	120	71.0	59.2	20	235
2-Chloroethyl vinyl ether	20.0	22.0	110	13	179
2-Chlorotoluene	20.0	20.0	100	64	122
2-Hexanone	20.0	15.0	75.0	34	182
4-Chlorotoluene	20.0	20.0	100	64	142
4-Isopropyltoluene	20.0	20.0	100	60	134
4-Methyl-2-pentanone	20.0	17.0	85.0	11	145
Acetone	200	130	65.0	13	386
Acrylonitrile	100	120	120	43	194
Benzene	20.0	20.0	100	76	126
Bromobenzene	20.0	20.0	100	70	130
Bromochloromethane	20.0	21.0	105	63	131
Bromodichloromethane	20.0	19.0	95.0	77	138
Bromoform	20.0	19.0	95.0	55	129
Bromomethane	20.0	21.0	105	58	148
Carbon disulfide	20.0	20.0	100	46	146
Carbon tetrachloride	20.0	17.0	85.0	66	137
Chlorobenzene	20.0	21.0	105	67	136

Qualifiers:

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HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244687

Laboratory Control Sample (LCS)

RunID: Q_080711A-4561077 Units: ug/L
Analysis Date: 07/11/2008 12:36 Analyst: JC
Preparation Date: 07/11/2008 12:36 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloroethane	20.0	20.0	100	50	137
Chloroform	20.0	20.0	100	70	135
Chloromethane	20.0	19.0	95.0	51	140
Dibromochloromethane	20.0	20.0	100	69	127
Dibromomethane	20.0	20.0	100	74	130
Dichlorodifluoromethane	20.0	18.0	90.0	32	161
Ethylbenzene	20.0	20.0	100	67	122
Hexachlorobutadiene	20.0	15.0	75.0	43	144
Isopropylbenzene	20.0	18.0	90.0	60	135
Methyl tert-butyl ether	40.0	40.0	100	48	160
Methylene chloride	20.0	21.0	105	52	143
Naphthalene	20.0	20.0	100	24	150
n-Butylbenzene	20.0	19.0	95.0	50	140
n-Propylbenzene	20.0	20.0	100	62	137
sec-Butylbenzene	20.0	20.0	100	66	126
Styrene	20.0	19.0	95.0	60	139
tert-Butylbenzene	20.0	19.0	95.0	67	140
Tetrachloroethene	20.0	21.0	105	26	200
Toluene	20.0	19.0	95.0	70	131
Trichloroethene	20.0	20.0	100	64	137
Trichlorofluoromethane	20.0	21.0	105	46	167
Vinyl acetate	20.0	22.0	110	10	193
Vinyl chloride	20.0	21.0	105	31	147
cis-1,2-Dichloroethene	20.0	23.0	115	70	142
cis-1,3-Dichloropropene	20.0	19.0	95.0	61	134
m,p-Xylene	40.0	42.0	105	72	150
o-Xylene	20.0	21.0	105	78	141
trans-1,2-Dichloroethene	20.0	21.0	105	67	141
trans-1,3-Dichloropropene	20.0	18.0	90.0	56	136
1,2-Dichloroethene (total)	40	44	110	73	139
Xylenes,Total	60	63	100	72	150
Surr: 1,2-Dichloroethane-d4	50.0	53	106	62	130
Surr: 4-Bromofluorobenzene	50.0	51	102	70	130
Surr: Toluene-d8	50.0	52	104	74	122

Qualifiers:

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E - Estimated Value exceeds calibration curve
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244687

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070423-02
RunID: Q_080711A-4561084 Units: ug/L
Analysis Date: 07/11/2008 17:46 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	ND	20	20.0	100	20	20.0	100	0	20	35	175
1,1,1-Trichloroethane	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	35	175
1,1,2,2-Tetrachloroethane	ND	20	30.0	150	20	29.0	145	3.39	20	35	175
1,1,2-Trichloroethane	ND	20	24.0	120	20	24.0	120	0	20	35	175
1,1-Dichloroethane	ND	20	23.0	115	20	22.0	110	4.44	20	35	175
1,1-Dichloroethene	ND	20	22.0	110	20	21.0	105	4.65	22	61	145
1,1-Dichloropropene	ND	20	21.0	105	20	20.0	100	4.88	20	35	175
1,2,3-Trichlorobenzene	ND	20	18.0	90.0	20	18.0	90.0	0	20	27	187
1,2,3-Trichloropropane	ND	20	28.0	140	20	27.0	135	3.64	20	35	175
1,2,4-Trichlorobenzene	ND	20	17.0	85.0	20	17.0	85.0	0	20	34	150
1,2,4-Trimethylbenzene	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	35	175
1,2-Dibromo-3-chloropropane	ND	20	25.0	125	20	25.0	125	0	20	15	175
1,2-Dibromoethane	ND	20	26.0	130	20	25.0	125	3.92	20	35	175
1,2-Dichlorobenzene	ND	20	19.0	95.0	20	19.0	95.0	0	20	35	175
1,2-Dichloroethane	ND	20	21.0	105	20	20.0	100	4.88	20	35	175
1,2-Dichloropropane	ND	20	21.0	105	20	20.0	100	4.88	20	35	175
1,3,5-Trimethylbenzene	ND	20	18.0	90.0	20	18.0	90.0	0	20	35	175
1,3-Dichlorobenzene	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	35	175
1,3-Dichloropropane	ND	20	24.0	120	20	24.0	120	0	20	35	175
1,4-Dichlorobenzene	ND	20	20.0	100	20	19.0	95.0	5.13	20	35	175
2,2-Dichloropropane	ND	20	18.0	90.0	20	17.0	85.0	5.71	20	35	175
2-Butanone	ND	20	38.0	190	20	37.0	185	2.67	20	10	230
2-Chloroethyl vinyl ether	ND	20	27.0	135	20	26.0	130	3.77	20	10	250
2-Chlorotoluene	ND	20	20.0	100	20	20.0	100	0	20	31	175
2-Hexanone	ND	20	35.0	175	20	35.0	175	0	20	10	250
4-Chlorotoluene	ND	20	20.0	100	20	20.0	100	0	20	31	175
4-Isopropyltoluene	ND	20	18.0	90.0	20	17.0	85.0	5.71	20	35	175
4-Methyl-2-pentanone	ND	20	27.0	135	20	27.0	135	0	20	10	175
Acetone	ND	100	290	290	100	210	210	32.0 *	20	10	400
Acrylonitrile	ND	116	330	284 *	116	340	293 *	2.99	20	15	250

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HOUSTON LABORATORY
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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070203
Lab Batch ID: R244687

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070423-02
RunID: Q_080711A-4561084 Units: ug/L
Analysis Date: 07/11/2008 17:46 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	21.0	105	20	20.0	100	4.88	22	76	127
Bromobenzene	ND	20	20.0	100	20	19.0	95.0	5.13	20	35	175
Bromochloromethane	ND	20	24.0	120	20	24.0	120	0	20	35	175
Bromodichloromethane	ND	20	20.0	100	20	19.0	95.0	5.13	20	35	175
Bromoform	ND	20	21.0	105	20	21.0	105	0	20	35	175
Bromomethane	ND	20	22.0	110	20	22.0	110	0	20	35	175
Carbon disulfide	ND	20	18.0	90.0	20	17.0	85.0	5.71	20	30	225
Carbon tetrachloride	ND	20	17.0	85.0	20	16.0	80.0	6.06	20	35	175
Chlorobenzene	ND	20	22.0	110	20	20.0	100	9.52	21	70	130
Chloroethane	ND	20	23.0	115	20	23.0	115	0	20	35	175
Chloroform	ND	20	21.0	105	20	21.0	105	0	20	35	175
Chloromethane	ND	20	21.0	105	20	20.0	100	4.88	20	35	175
Dibromochloromethane	ND	20	22.0	110	20	21.0	105	4.65	20	35	175
Dibromomethane	ND	20	23.0	115	20	22.0	110	4.44	20	35	175
Dichlorodifluoromethane	ND	20	18.0	90.0	20	18.0	90.0	0	20	35	175
Ethylbenzene	ND	20	20.0	100	20	19.0	95.0	5.13	20	35	175
Hexachlorobutadiene	ND	20	15.0	75.0	20	14.0	70.0	6.90	20	43	144
Isopropylbenzene	ND	20	20.0	100	20	19.0	95.0	5.13	20	35	175
Methyl tert-butyl ether	ND	20	24.0	120	20	24.0	120	0	20	35	175
Methylene chloride	ND	20	22.0	110	20	22.0	110	0	20	35	175
Naphthalene	ND	20	24.0	120	20	24.0	120	0	20	20	210
n-Butylbenzene	ND	20	18.0	90.0	20	17.0	85.0	5.71	20	35	175
n-Propylbenzene	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	35	175
sec-Butylbenzene	ND	20	18.0	90.0	20	18.0	90.0	0	20	35	175
Styrene	ND	20	20.0	100	20	20.0	100	0	20	35	175
tert-Butylbenzene	ND	20	18.0	90.0	20	17.0	85.0	5.71	20	35	175
Tetrachloroethene	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	30	250
Toluene	ND	20	19.0	95.0	20	18.0	90.0	5.41	24	70	131
Trichloroethene	ND	20	21.0	105	20	20.0	100	4.88	21	60	140
Trichlorofluoromethane	ND	20	20.0	100	20	21.0	105	4.88	20	17	250
Vinyl acetate	ND	20	28.0	140	20	28.0	140	0	20	10	250
Vinyl chloride	ND	20	22.0	110	20	21.0	105	4.65	20	35	175

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070203
Method: SW8260B **Lab Batch ID:** R244687

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070423-02
RunID: Q_080711A-4561084 Units: ug/L
Analysis Date: 07/11/2008 17:46 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
cis-1,2-Dichloroethene	ND	20	23.0	115	20	23.0	115	0	20	35	175
cis-1,3-Dichloropropene	ND	20	18.0	90.0	20	17.0	85.0	5.71	20	35	175
m,p-Xylene	ND	40	42.0	105	40	40.0	100	4.88	20	35	175
o-Xylene	ND	20	20.0	100	20	20.0	100	0	20	35	175
trans-1,2-Dichloroethene	ND	20	22.0	110	20	22.0	110	0	20	35	175
trans-1,3-Dichloropropene	ND	20	18.0	90.0	20	18.0	90.0	0	20	35	175
1,2-Dichloroethene (total)	ND	40	45	110	40	45	110	0	20	35	175
Xylenes,Total	ND	60	62	100	60	60	100	3.3	20	35	175
Surr: 1,2-Dichloroethane-d4	ND	50	57	114	50	56.0	112	1.77	30	62	130
Surr: 4-Bromofluorobenzene	ND	50	52	104	50	51.0	102	1.94	30	70	130
Surr: Toluene-d8	ND	50	51	102	50	50.0	100	1.98	30	74	122

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: pH
Method: SM4500-H B

WorkOrder: 08070203
Lab Batch ID: R243798

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-01B	WMW-3
08070203-02C	Pond 2
08070203-03C	MW-2
08070203-04C	Pond 1
08070203-05C	WMW-2

Laboratory Control Sample (LCS)

RunID: WET_080703P-4545200 Units: pH Units
Analysis Date: 07/03/2008 17:15 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
pH	7.000	7.040	100.6	98	102

Sample Duplicate

Original Sample: 08070203-01
RunID: WET_080703P-4545203 Units: pH Units
Analysis Date: 07/03/2008 17:15 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
pH	7.54	7.5	0.532	5

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Chemical Oxygen Demand
Method: SM5220 C
WorkOrder: 08070203
Lab Batch ID: R243830A

Method Blank

RunID: WET_080704E-4545768 Units: mg/L
Analysis Date: 07/04/2008 10:30 Analyst: A_E

Analyte	Result	Rep Limit
Chemical Oxygen Demand	ND	3.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02G	Pond 2
08070203-03G	MW-2
08070203-04G	Pond 1

Laboratory Control Sample (LCS)

RunID: WET_080704E-4545770 Units: mg/L
Analysis Date: 07/04/2008 10:30 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chemical Oxygen Demand	104.0	98.79	94.99	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070242-01
RunID: WET_080704E-4545779 Units: mg/L
Analysis Date: 07/04/2008 10:30 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chemical Oxygen Demand	16.87	50	62.65	91.56	50	65.06	96.38	3.773	10	80	120

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
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E - Estimated Value exceeds calibration curve
MI - Matrix Interference
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography **WorkOrder:** 08070203
Method: E300.0 **Lab Batch ID:** R243831

Method Blank

RunID: IC1_080703A-4545793 Units: mg/L
Analysis Date: 07/03/2008 11:59 Analyst: A_E

Analyte	Result	Rep Limit
Nitrogen,Nitrate (As N)	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02D	Pond 2
08070203-03D	MW-2
08070203-04D	Pond 1
08070203-05D	WMW-2

Laboratory Control Sample (LCS)

RunID: IC1_080703A-4545794 Units: mg/L
Analysis Date: 07/03/2008 12:15 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Nitrogen,Nitrate (As N)	10.00	9.498	94.98	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070203-02
RunID: IC1_080703A-4545798 Units: mg/L
Analysis Date: 07/03/2008 13:42 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Nitrogen,Nitrate (As N)	ND	1000	776.6	77.66 *	1000	788.1	78.81 *	1.475	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Total Dissolved Solids
Method: E160.1
WorkOrder: 08070203
Lab Batch ID: R243837A

Method Blank

RunID: WET_080703Y-4545890 Units: mg/L
Analysis Date: 07/03/2008 18:00 Analyst: KRD

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-05C	WMW-2

Analyte	Result	Rep Limit
Total Dissolved Solids (Residue,Filterable)	ND	10

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_080703Y-4545892 Units: mg/L
Analysis Date: 07/03/2008 18:00 Analyst: KRD

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Total Dissolved Solids (Residue,Filtera	200.0	198.0	99.00	200.0	202.0	101.0	2.0	10	95	107

Sample Duplicate

Original Sample: 08070203-05
RunID: WET_080703Y-4545900 Units: mg/L
Analysis Date: 07/03/2008 18:00 Analyst: KRD

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Total Dissolved Solids (Residue,Filtera	282	289	2.45	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
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(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Total Coliforms
Method: M9222 B

WorkOrder: 08070203
Lab Batch ID: R243858

Method Blank

RunID: WET_080703ZB-4546193 Units: colonies/100mL
Analysis Date: 07/03/2008 15:00 Analyst: KRD

Analyte	Result	Rep Limit
Coliform, Total	ND	1.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02H	Pond 2
08070203-03H	MW-2
08070203-04H	Pond 1

Sample Duplicate

Original Sample: 08070203-02
RunID: WET_080703ZB-4546194 Units: colonies/100mL
Analysis Date: 07/03/2008 15:00 Analyst: KRD

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Coliform, Total	ND	ND	0	48

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
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(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Total Dissolved Solids
Method: E160.1

WorkOrder: 08070203
Lab Batch ID: R244128

Method Blank

RunID: WET_080707ZC-4551193 Units: mg/L
Analysis Date: 07/07/2008 16:30 Analyst: KRD

Analyte	Result	Rep Limit
Total Dissolved Solids (Residue,Filterable)	ND	10

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-01B	WMW-3
08070203-02C	Pond 2
08070203-03C	MW-2
08070203-04C	Pond 1

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_080707ZC-4551195 Units: mg/L
Analysis Date: 07/07/2008 16:30 Analyst: KRD

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Total Dissolved Solids (Residue,Filtera	200.0	202.0	101.0	200.0	198.0	99.00	2.0	10	95	107

Sample Duplicate

Original Sample: 08070203-01
RunID: WET_080707ZC-4551197 Units: mg/L
Analysis Date: 07/07/2008 16:30 Analyst: KRD

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Total Dissolved Solids (Residue,Filtera	7800	8400	7.41	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography
Method: E300.0

WorkOrder: 08070203
Lab Batch ID: R244150S

Method Blank

RunID: IC1_080707B-4552121 Units: mg/L
Analysis Date: 07/07/2008 20:58 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	0.50
Sulfate	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02D	Pond 2
08070203-03D	MW-2
08070203-04D	Pond 1
08070203-05D	WMW-2

Laboratory Control Sample (LCS)

RunID: IC1_080707B-4552122 Units: mg/L
Analysis Date: 07/07/2008 21:14 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.228	92.28	85	115
Sulfate	10.00	9.865	98.65	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070203-03
RunID: IC1_080707B-4552127 Units: mg/L
Analysis Date: 07/07/2008 22:37 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	62.86	100	158.3	95.49	100	159.4	96.57	0.6816	20	80	120
Sulfate	125.2	100	222.1	96.94	100	224.3	99.08	0.9614	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Biochemical Oxygen Demand - 5 Days
Method: SM5210 B
WorkOrder: 08070203
Lab Batch ID: R244151

Method Blank

RunID: WET_080703ZH-4552136 Units: mg/L
Analysis Date: 07/03/2008 12:30 Analyst: PAC

Analyte	Result	Rep Limit
Biochemical Oxygen Demand	ND	2.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-02F	Pond 2
08070203-03F	MW-2
08070203-04F	Pond 1

Laboratory Control Sample (LCS)

RunID: WET_080703ZH-4552138 Units: mg/L
Analysis Date: 07/03/2008 12:30 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Biochemical Oxygen Demand	198.0	199.1	100.6	83.7	114

Sample Duplicate

Original Sample: 08070190-04
RunID: WET_080703ZH-4552139 Units: mg/L
Analysis Date: 07/03/2008 12:30 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Biochemical Oxygen Demand	46	48	4.26	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Biochemical Oxygen Demand - 5 Days
Method: SM5210 B
WorkOrder: 08070203
Lab Batch ID: R244217

Method Blank

RunID: WET_080703ZJ-4553123 Units: mg/L
Analysis Date: 07/03/2008 12:30 Analyst: PAC

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-05F	WMW-2

Analyte	Result	Rep Limit
Biochemical Oxygen Demand	ND	2.0

Laboratory Control Sample (LCS)

RunID: WET_080703ZJ-4553125 Units: mg/L
Analysis Date: 07/03/2008 12:30 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Biochemical Oxygen Demand	198.0	199.1	100.6	83.7	114

Sample Duplicate

Original Sample: 08070228-01
RunID: WET_080703ZJ-4553116 Units: mg/L
Analysis Date: 07/03/2008 16:45 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Biochemical Oxygen Demand	2.65	2.675	0.939	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Alkalinity (as CaCO3), Total
Method: E310.1
WorkOrder: 08070203
Lab Batch ID: R244229A

Method Blank

RunID: WET_080708Q-4553233 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Result	Rep Limit
Alkalinity, Total (As CaCO3)	ND	2.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-01B	WMW-3
08070203-02C	Pond 2
08070203-03C	MW-2
08070203-04C	Pond 1
08070203-05C	WMW-2

Laboratory Control Sample (LCS)

RunID: WET_080708Q-4553238 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Alkalinity, Total (As CaCO3)	84.90	81.00	95.41	90	110

Sample Duplicate

Original Sample: 08070203-05
RunID: WET_080708Q-4553257 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	1220	1220	0	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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HOUSTON LABORATORY
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HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography **WorkOrder:** 08070203
Method: E300.0 **Lab Batch ID:** R244405S

Method Blank

RunID: IC1_080709B-4556477 Units: mg/L
Analysis Date: 07/09/2008 17:52 Analyst: A_E

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-01C	WMW-3

Analyte	Result	Rep Limit
Nitrogen,Nitrate (As N)	ND	0.50

Laboratory Control Sample (LCS)

RunID: IC1_080709B-4556478 Units: mg/L
Analysis Date: 07/09/2008 18:09 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Nitrogen,Nitrate (As N)	10.00	10.24	102.4	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070203-01
RunID: IC1_080709B-4556480 Units: mg/L
Analysis Date: 07/09/2008 18:41 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Nitrogen,Nitrate (As N)	ND	100	95.64	95.64	100	95.23	95.23	0.4307	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography **WorkOrder:** 08070203
Method: E300.0 **Lab Batch ID:** R244538A

Method Blank

RunID: IC1_080710B-4558924 Units: mg/L
Analysis Date: 07/10/2008 11:24 Analyst: A_E

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070203-01C	WMW-3

Analyte	Result	Rep Limit
Chloride	ND	0.50
Sulfate	ND	0.50

Laboratory Control Sample (LCS)

RunID: IC1_080710B-4558925 Units: mg/L
Analysis Date: 07/10/2008 11:40 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.111	91.11	85	115
Sulfate	10.00	9.703	97.03	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070203-01
RunID: IC1_080710B-4558929 Units: mg/L
Analysis Date: 07/10/2008 12:46 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	547.6	1000	1596	104.9	1000	1595	104.8	0.08516	20	80	120
Sulfate	962.9	1000	2043	108.1	1000	2046	108.3	0.1277	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	**08070203**	Received By:	**RE**
Date and Time Received:	**7/3/2008 9:30:00 AM**	Carrier name:	**Fedex-Priority**
Temperature:	**3.5°C**	Chilled by:	**Water Ice**

1.	**Shipping container/cooler in good condition?**	Yes ☑	No ☐	Not Present ☐
2.	**Custody seals intact on shippping container/cooler?**	Yes ☑	No ☐	Not Present ☐
3.	**Custody seals intact on sample bottles?**	Yes ☐	No ☐	Not Present ☑
4.	**Chain of custody present?**	Yes ☑	No ☐	
5.	**Chain of custody signed when relinquished and received?**	Yes ☑	No ☐	
6.	**Chain of custody agrees with sample labels?**	Yes ☑	No ☐	
7.	**Samples in proper container/bottle?**	Yes ☑	No ☐	
8.	**Sample containers intact?**	Yes ☑	No ☐	
9.	**Sufficient sample volume for indicated test?**	Yes ☑	No ☐	
10.	**All samples received within holding time?** 1. Received samples for Total coliform outside of the method holding time.	Yes ☐	No ☑	
11.	**Container/Temp Blank temperature in compliance?**	Yes ☑	No ☐	
12.	**Water - VOA vials have zero headspace?**	Yes ☐	No ☐	VOA Vials Not Present ☑
13.	**Water - Preservation checked upon receipt (except VOA*)?**	Yes ☑	No ☐	Not Applicable ☐

***VOA Preservation Checked After Sample Analysis**

SPL Representative: Agarwal, Bethany A. **Contact Date & Time:**

Client Name Contacted: Ana Morena

Non Conformance Issues:

Client Instructions: Continue with the analysis per client request at the time of the bottle order request.

Chain of Custody Record

08070203

Client: Tetra Tech/ Conoco Phillips

SPL Workorder Number: ~~08070~~

Attention: Kelly Blanchard/Tetra Tech

Phone: 505-237-8440 | email: kelly.blanchard@tetratech.c

Address: 6121 Indian School Road, NE Ste. 200

City: Albuquerque | State: NM | Zip Code: 87110

Project Name: Wingate

P.O. Number:

Sampled By: signature: Christine Mathews print Ana Moreno

Sample ID	Collected Date	Collected Time	Sample Type Comp	Sample Type Grab	Matrix Water	Matrix Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL	8260-BTEX ONLY	8270-SVOC TCL	TDS, pH, Alk.	Chl, SO4, Nitrate	Coliform	COD	BOD	RCRA 8-6020/Hg-7470
WMW-3	7/2	8:30		X	X		1	3	3	X								
11	7/2	8:30		X	X		3	1	2				X	X				
Pond 2	7/2	9:20		X	X		1	3	3	X								
	7/2	9:20		X	X		4	1	2			X						
	7/2	9:20		X	X		3	1	3				X	X			X	
	7/2	9:20		X	X		3	2	1									X
	7/2	9:20		X	X		3	4	1							X		
	7/2	9:20		X	X		5		2						X			

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks: RUSH

Intact? Y or N

Temperature: 3.5c

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic

Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

	Date	Time	
Relinquished by Sampler:	7/2	16:00	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	7/3/08	0930	Received by SPL, Inc.

Page ___ of ___

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips — **SPL Workorder Number:** 0807020 3

Attention: Kelly Blanchard/Tetra Tech

Phone: 505-237-8440 — email: kelly.blanchard@tetratech.c

Address: 6121 Indian School Road, NE Ste. 200

City: Albuquerque — State: NM — Zip Code: 87110

Project Name: Wingate

P.O. Number:

Sampled By: signature Christine Matthews — print Christine Matthews/Al Moreno

Sample ID	Collected Date	Collected Time	Sample Type Comp	Sample Type Grab	Matrix Water	Matrix Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL	8260-BTEX ONLY	8270-SVOC TCL	TDS, pH, Alk.	Chl., SO4, Nitrate	Coliform	COD	BOD	RCRA 8-6020/Hg-7470
MW-2	7/2	10:10		X	X		1	3	3	X								
	7/2	10:10		X	X		4	1	2			X						
	7/2	10:10		X	X		3	1	3				X	X			X	
	7/2	10:10		X	X		3	2	1									X
	7/2	10:10		X	X		3	4	1							X		
	7/2	10:10		X	X		5	2							X			
Pond 1	7/2	10:45		X	X		1	3	3									
	7/2	10:45		X	X		4	1	2			X						
	7/2	10:45		X	X		3	1	3				X	X			X	
	7/2	10:45		X	X		3	2	1									X

RUSH

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks:

Intact? Y or N
Temperature: 3.5c

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic
Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

HR BR

	Date	Time	Received by:
Relinquished by Sampler:	7/2	16:00	
Relinquished by:			
Relinquished by:	7/3/05	0930	Received by SPL, Inc.

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips

SPL Workorder Number: 0807 0203

Attention: Kelly Blanchard/Tetra Tech

Phone: 505-237-8440 | email: kelly.blanchard@tetratech.c

Address: 6121 Indian School Road, NE Ste. 200

City: Albuquerque | State: NM | Zip Code: 87110

Project Name: Wingate

P.O. Number:

Sampled By: signature Christine Matthews Ana Moreno print

Sample ID	Collected Date	Time	Sample Type Comp	Grab	Matrix Water	Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL	8260-BTEX ONLY	8270-SVOC TCL	TDS, pH, Alk.	Chl, SO4, Nitrate	Coliform	COD	BOD	RCRA 8-6020; Hg-7470
Pond 1	7/2	10:45		X	X		3	4	1							X		
Pond 1	7/2	10:45		X	X		5		2						X			
WMW-2	7/2	12:30		X	X		1	3	3	X								
"	7/2	12:30		X	X		3	1	3				X	X			X	
"	7/2	12:30		X	X		4	2	2			X						
"	7/2	12:30		X	X		3	2	1									X
Duplicate	7/2	12:45		X	X		1	3	3		X							
Trip Blank	7/2	13:00		X	X		1	3	2		X							

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks:

Intact? Y or N

Temperature: 3.5c

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic

Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

	Date	Time	
Relinquished by Sampler:	7/2/08	16:00	Received by:
Relinquished by:			Received by:
Relinquished by:	7/3/08	0930	Received by SPL, Inc.

Page ___ of ___

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08070120

Report To:		Project Name:	COP Wingate
Tetra Tech EM, Inc.		Site:	Gallup, NM
Kelly Blanchard		Site Address:	
6121 Indian School Road, N.E.			
Suite 200		PO Number:	4509954763
Albuquerque		State:	New Mexico
NM		State Cert. No.:	
87110-		Date Reported:	7/23/2008
ph: (505) 881-3188	fax:		

This Report Contains A Total Of 60 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

7/23/2008

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713)660-0901

Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

08070120

Report To:		Project Name:	COP Wingate
Tetra Tech EM, Inc.		Site:	Gallup, NM
Kelly Blanchard		Site Address:	
6121 Indian School Road, N.E.			
Suite 200		PO Number:	4509954763
Albuquerque		State:	New Mexico
NM		State Cert. No.:	
87110-		Date Reported:	7/23/2008
ph: (505)881-3188	fax:		

All samples were received expired for pH and total Coliform analysis. The holding time for pH is immediate and should be performed at the time of sampling. The holding time for Total Coliform is six hours. Client is aware of the holding time and requested SPL to perform the analyses.

Per the Conoco Phillips TSM Revision 0, a copy of the internal chain of custody is to be included in final data package. However, due to LIMS limitations, this cannot be provided at this time.

For Ion Chromtogrpahy analysis by EPA Method 300.0, your sample ID's "WMW-6", "MW-3", and "MWR-1" (SPL ID's: 08070120-01, 04, and -05) were reported with Nitrate as nondetect with elevated sample quantitation limits due to the sample matrix; the lowest possible dilutions were performed.

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Your sample ID "WMW-6" (SPL ID:08070120-01) was randomly selected for use in SPL's quality control program for the Total Mercury analysis by SW846 Method 7470A. The MSD recovery was outside of the advisable quality control limits (Batch ID:81524) due to matrix interference. A Post Digestion Spike (PDS) and Post Digestion Spike Duplicate (PDSD) was performed and recoveries were outside quality control limits. A Laboratory Control Sample (LCS) was analyzed as a quality control check for the analytical batch and all recoveries were within acceptable limits.

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted with Batch ID: 81236 for the Semivolatile Organics analysis by SW846 Method 8270C. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

7/25/2008

Bethany A. Agarwal
Senior Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08070120

Report To: Tetra Tech EM, Inc.
Kelly Blanchard
6121 Indian School Road, N.E.
Suite 200
Albuquerque
NM
87110-
ph: (505) 881-3188 fax: (505) 881-3283

Fax To:

Project Name: COP Wingate
Site: Gallup, NM
Site Address:

PO Number: 4509954763
State: New Mexico
State Cert. No.:
Date Reported: 7/23/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
WMW-6	08070120-01	Water	7/1/2008 8:30:00 AM	7/2/2008 9:30:00 AM		☐
WMW-3	08070120-02	Water	7/1/2008 9:30:00 AM	7/2/2008 9:30:00 AM		☐
WMW-8	08070120-03	Water	7/1/2008 1:30:00 PM	7/2/2008 9:30:00 AM		☐
MW-3	08070120-04	Water	7/1/2008 10:45:00 AM	7/2/2008 9:30:00 AM		☐
MWR-1	08070120-05	Water	7/1/2008 3:00:00 PM	7/2/2008 9:30:00 AM		☐
Trip Blank-02	08070120-06	Water	7/1/2008 3:30:00 PM	7/2/2008 9:30:00 AM		☐

Bethany A. Agarwal
Senior Project Manager

7/23/2008
Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-6 **Collected:** 07/01/2008 8:30 **SPL Sample ID:** 08070120-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	451		2	1	07/08/08 9:30	PAC	4553248
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	76.5		5	10	07/02/08 19:36	A_E	4543636
Sulfate	328		10	20	07/02/08 19:53	A_E	4543637
Nitrogen,Nitrate (As N)	ND		1	2	07/02/08 17:25	A_E	4543615
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 16:16	CMC	4562997

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	194		0.1	1	07/21/08 14:01	EG	4582130
Iron	77		0.02	1	07/21/08 14:01	EG	4582130
Magnesium	56.3		0.1	1	07/21/08 14:01	EG	4582130
Sodium	317		0.5	1	07/21/08 14:01	EG	4582130

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	0.0119		0.005	1	07/19/08 16:37	AL_H	4577809
Barium	2.34		0.005	1	07/19/08 16:37	AL_H	4577809
Cadmium	ND		0.005	1	07/19/08 16:37	AL_H	4577809
Chromium	0.0863		0.005	1	07/19/08 16:37	AL_H	4577809
Lead	0.0545		0.005	1	07/19/08 16:37	AL_H	4577809
Manganese	2.76		0.005	1	07/19/08 16:37	AL_H	4577809
Selenium	ND		0.005	1	07/19/08 16:37	AL_H	4577809
Silver	ND		0.005	1	07/19/08 16:37	AL_H	4577809

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.82		0.1	1	07/02/08 18:00	PAC	4543269

Qualifiers:

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-6 **Collected:** 07/01/2008 8:30 **SPL Sample ID:** 08070120-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 16:01	GY	4554770
1,2-Dichlorobenzene	ND		5	1	07/08/08 16:01	GY	4554770
1,2-Diphenylhydrazine	ND		10	1	07/08/08 16:01	GY	4554770
1,3-Dichlorobenzene	ND		5	1	07/08/08 16:01	GY	4554770
1,4-Dichlorobenzene	ND		5	1	07/08/08 16:01	GY	4554770
2,4,5-Trichlorophenol	ND		10	1	07/08/08 16:01	GY	4554770
2,4,6-Trichlorophenol	ND		5	1	07/08/08 16:01	GY	4554770
2,4-Dichlorophenol	ND		5	1	07/08/08 16:01	GY	4554770
2,4-Dimethylphenol	ND		5	1	07/08/08 16:01	GY	4554770
2,4-Dinitrophenol	ND		25	1	07/08/08 16:01	GY	4554770
2,4-Dinitrotoluene	ND		5	1	07/08/08 16:01	GY	4554770
2,6-Dinitrotoluene	ND		5	1	07/08/08 16:01	GY	4554770
2-Chloronaphthalene	ND		5	1	07/08/08 16:01	GY	4554770
2-Chlorophenol	ND		5	1	07/08/08 16:01	GY	4554770
2-Methylnaphthalene	ND		5	1	07/08/08 16:01	GY	4554770
2-Nitroaniline	ND		25	1	07/08/08 16:01	GY	4554770
2-Nitrophenol	ND		5	1	07/08/08 16:01	GY	4554770
3,3'-Dichlorobenzidine	ND		10	1	07/08/08 16:01	GY	4554770
3-Nitroaniline	ND		25	1	07/08/08 16:01	GY	4554770
4,6-Dinitro-2-methylphenol	ND		25	1	07/08/08 16:01	GY	4554770
4-Bromophenyl phenyl ether	ND		5	1	07/08/08 16:01	GY	4554770
4-Chloro-3-methylphenol	ND		5	1	07/08/08 16:01	GY	4554770
4-Chloroaniline	ND		5	1	07/08/08 16:01	GY	4554770
4-Chlorophenyl phenyl ether	ND		5	1	07/08/08 16:01	GY	4554770
4-Nitroaniline	ND		25	1	07/08/08 16:01	GY	4554770
4-Nitrophenol	ND		25	1	07/08/08 16:01	GY	4554770
Acenaphthene	ND		5	1	07/08/08 16:01	GY	4554770
Acenaphthylene	ND		5	1	07/08/08 16:01	GY	4554770
Aniline	ND		5	1	07/08/08 16:01	GY	4554770
Anthracene	ND		5	1	07/08/08 16:01	GY	4554770
Benz(a)anthracene	ND		5	1	07/08/08 16:01	GY	4554770
Benzo(a)pyrene	ND		5	1	07/08/08 16:01	GY	4554770
Benzo(b)fluoranthene	ND		5	1	07/08/08 16:01	GY	4554770
Benzo(g,h,i)perylene	ND		5	1	07/08/08 16:01	GY	4554770
Benzo(k)fluoranthene	ND		5	1	07/08/08 16:01	GY	4554770
Benzoic acid	ND		25	1	07/08/08 16:01	GY	4554770
Benzyl alcohol	ND		5	1	07/08/08 16:01	GY	4554770
Bis(2-chloroethoxy)methane	ND		5	1	07/08/08 16:01	GY	4554770
Bis(2-chloroethyl)ether	ND		5	1	07/08/08 16:01	GY	4554770

Qualifiers:

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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-6 **Collected:** 07/01/2008 8:30 **SPL Sample ID:** 08070120-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND		5	1	07/08/08 16:01	GY	4554770
Bis(2-ethylhexyl)phthalate	11		5	1	07/08/08 16:01	GY	4554770
Butyl benzyl phthalate	ND		5	1	07/08/08 16:01	GY	4554770
Carbazole	ND		5	1	07/08/08 16:01	GY	4554770
Chrysene	ND		5	1	07/08/08 16:01	GY	4554770
Dibenz(a,h)anthracene	ND		5	1	07/08/08 16:01	GY	4554770
Dibenzofuran	ND		5	1	07/08/08 16:01	GY	4554770
Diethyl phthalate	ND		5	1	07/08/08 16:01	GY	4554770
Dimethyl phthalate	ND		5	1	07/08/08 16:01	GY	4554770
Di-n-butyl phthalate	ND		5	1	07/08/08 16:01	GY	4554770
Di-n-octyl phthalate	ND		5	1	07/08/08 16:01	GY	4554770
Fluoranthene	ND		5	1	07/08/08 16:01	GY	4554770
Fluorene	ND		5	1	07/08/08 16:01	GY	4554770
Hexachlorobenzene	ND		5	1	07/08/08 16:01	GY	4554770
Hexachlorobutadiene	ND		5	1	07/08/08 16:01	GY	4554770
Hexachlorocyclopentadiene	ND		5	1	07/08/08 16:01	GY	4554770
Hexachloroethane	ND		5	1	07/08/08 16:01	GY	4554770
Indeno(1,2,3-cd)pyrene	ND		5	1	07/08/08 16:01	GY	4554770
Isophorone	ND		5	1	07/08/08 16:01	GY	4554770
Naphthalene	ND		5	1	07/08/08 16:01	GY	4554770
Nitrobenzene	ND		5	1	07/08/08 16:01	GY	4554770
N-Nitrosodi-n-propylamine	ND		5	1	07/08/08 16:01	GY	4554770
N-Nitrosodiphenylamine	ND		5	1	07/08/08 16:01	GY	4554770
Pentachlorophenol	ND		25	1	07/08/08 16:01	GY	4554770
Phenanthrene	ND		5	1	07/08/08 16:01	GY	4554770
Phenol	ND		5	1	07/08/08 16:01	GY	4554770
Pyrene	ND		5	1	07/08/08 16:01	GY	4554770
Pyridine	ND		5	1	07/08/08 16:01	GY	4554770
2-Methylphenol	ND		5	1	07/08/08 16:01	GY	4554770
3 & 4-Methylphenol	ND		5	1	07/08/08 16:01	GY	4554770
Surr: 2,4,6-Tribromophenol	92.0		% 10-123	1	07/08/08 16:01	GY	4554770
Surr: 2-Fluorobiphenyl	72.0		% 23-116	1	07/08/08 16:01	GY	4554770
Surr: 2-Fluorophenol	49.3		% 16-110	1	07/08/08 16:01	GY	4554770
Surr: Nitrobenzene-d5	74.0		% 21-114	1	07/08/08 16:01	GY	4554770
Surr: Phenol-d5	42.7		% 10-110	1	07/08/08 16:01	GY	4554770
Surr: Terphenyl-d14	74.0		% 22-141	1	07/08/08 16:01	GY	4554770

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 11:00	N_M	1.00

Qualifiers:

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TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-6 **Collected:** 07/01/2008 8:30 **SPL Sample ID:** 08070120-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL DISSOLVED SOLIDS				**MCL**	**E160.1**	**Units: mg/L**	
Total Dissolved Solids (Residue,Filterable)	1500		100	10	07/03/08 18:00	KRD	4545894

Qualifiers:

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-6 **Collected:** 07/01/2008 8:30 **SPL Sample ID:** 08070120-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				**MCL**	**SW8260B**	**Units: ug/L**	
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 16:43	JC	4553751
1,1,1-Trichloroethane	ND		5	1	07/08/08 16:43	JC	4553751
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 16:43	JC	4553751
1,1,2-Trichloroethane	ND		5	1	07/08/08 16:43	JC	4553751
1,1-Dichloroethane	ND		5	1	07/08/08 16:43	JC	4553751
1,1-Dichloroethene	ND		5	1	07/08/08 16:43	JC	4553751
1,1-Dichloropropene	ND		5	1	07/08/08 16:43	JC	4553751
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 16:43	JC	4553751
1,2,3-Trichloropropane	ND		5	1	07/08/08 16:43	JC	4553751
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 16:43	JC	4553751
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 16:43	JC	4553751
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 16:43	JC	4553751
1,2-Dibromoethane	ND		5	1	07/08/08 16:43	JC	4553751
1,2-Dichlorobenzene	ND		5	1	07/08/08 16:43	JC	4553751
1,2-Dichloroethane	ND		5	1	07/08/08 16:43	JC	4553751
1,2-Dichloropropane	ND		5	1	07/08/08 16:43	JC	4553751
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 16:43	JC	4553751
1,3-Dichlorobenzene	ND		5	1	07/08/08 16:43	JC	4553751
1,3-Dichloropropane	ND		5	1	07/08/08 16:43	JC	4553751
1,4-Dichlorobenzene	ND		5	1	07/08/08 16:43	JC	4553751
2,2-Dichloropropane	ND		5	1	07/08/08 16:43	JC	4553751
2-Butanone	ND		20	1	07/08/08 16:43	JC	4553751
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 16:43	JC	4553751
2-Chlorotoluene	ND		5	1	07/08/08 16:43	JC	4553751
2-Hexanone	ND		10	1	07/08/08 16:43	JC	4553751
4-Chlorotoluene	ND		5	1	07/08/08 16:43	JC	4553751
4-Isopropyltoluene	ND		5	1	07/08/08 16:43	JC	4553751
4-Methyl-2-pentanone	ND		10	1	07/08/08 16:43	JC	4553751
Acetone	ND		100	1	07/08/08 16:43	JC	4553751
Acrylonitrile	ND		50	1	07/08/08 16:43	JC	4553751
Benzene	ND		5	1	07/08/08 16:43	JC	4553751
Bromobenzene	ND		5	1	07/08/08 16:43	JC	4553751
Bromochloromethane	ND		5	1	07/08/08 16:43	JC	4553751
Bromodichloromethane	ND		5	1	07/08/08 16:43	JC	4553751
Bromoform	ND		5	1	07/08/08 16:43	JC	4553751
Bromomethane	ND		10	1	07/08/08 16:43	JC	4553751
Carbon disulfide	ND		5	1	07/08/08 16:43	JC	4553751
Carbon tetrachloride	ND		5	1	07/08/08 16:43	JC	4553751
Chlorobenzene	ND		5	1	07/08/08 16:43	JC	4553751

Qualifiers:

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-6 **Collected:** 07/01/2008 8:30 **SPL Sample ID:** 08070120-01

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND			10	1	07/08/08 16:43	JC	4553751
Chloroform	ND			5	1	07/08/08 16:43	JC	4553751
Chloromethane	ND			10	1	07/08/08 16:43	JC	4553751
Dibromochloromethane	ND			5	1	07/08/08 16:43	JC	4553751
Dibromomethane	ND			5	1	07/08/08 16:43	JC	4553751
Dichlorodifluoromethane	ND			10	1	07/08/08 16:43	JC	4553751
Ethylbenzene	ND			5	1	07/08/08 16:43	JC	4553751
Hexachlorobutadiene	ND			5	1	07/08/08 16:43	JC	4553751
Isopropylbenzene	ND			5	1	07/08/08 16:43	JC	4553751
Methyl tert-butyl ether	ND			5	1	07/08/08 16:43	JC	4553751
Methylene chloride	ND			5	1	07/08/08 16:43	JC	4553751
Naphthalene	ND			5	1	07/08/08 16:43	JC	4553751
n-Butylbenzene	ND			5	1	07/08/08 16:43	JC	4553751
n-Propylbenzene	ND			5	1	07/08/08 16:43	JC	4553751
sec-Butylbenzene	ND			5	1	07/08/08 16:43	JC	4553751
Styrene	ND			5	1	07/08/08 16:43	JC	4553751
tert-Butylbenzene	ND			5	1	07/08/08 16:43	JC	4553751
Tetrachloroethene	ND			5	1	07/08/08 16:43	JC	4553751
Toluene	ND			5	1	07/08/08 16:43	JC	4553751
Trichloroethene	ND			5	1	07/08/08 16:43	JC	4553751
Trichlorofluoromethane	ND			5	1	07/08/08 16:43	JC	4553751
Vinyl acetate	ND			10	1	07/08/08 16:43	JC	4553751
Vinyl chloride	ND			10	1	07/08/08 16:43	JC	4553751
cis-1,2-Dichloroethene	ND			5	1	07/08/08 16:43	JC	4553751
cis-1,3-Dichloropropene	ND			5	1	07/08/08 16:43	JC	4553751
m,p-Xylene	ND			5	1	07/08/08 16:43	JC	4553751
o-Xylene	ND			5	1	07/08/08 16:43	JC	4553751
trans-1,2-Dichloroethene	ND			5	1	07/08/08 16:43	JC	4553751
trans-1,3-Dichloropropene	ND			5	1	07/08/08 16:43	JC	4553751
1,2-Dichloroethene (total)	ND			5	1	07/08/08 16:43	JC	4553751
Xylenes,Total	ND			5	1	07/08/08 16:43	JC	4553751
Surr: 1,2-Dichloroethane-d4	108		%	62-130	1	07/08/08 16:43	JC	4553751
Surr: 4-Bromofluorobenzene	104		%	70-130	1	07/08/08 16:43	JC	4553751
Surr: Toluene-d8	104		%	74-122	1	07/08/08 16:43	JC	4553751

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-3 **Collected:** 07/01/2008 9:30 **SPL Sample ID:** 08070120-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:25	CMC	4563002

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				MCL	SW6010B	Units: mg/L	
Calcium	336		0.1	1	07/21/08 14:06	EG	4582131
Iron	230		0.1	5	07/21/08 14:28	EG	4582135
Magnesium	157		0.1	1	07/21/08 14:06	EG	4582131
Sodium	1500		2.5	5	07/21/08 14:28	EG	4582135

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				MCL	SW6020A	Units: mg/L	
Arsenic	0.0187		0.005	1	07/19/08 16:44	AL_H	4577810
Barium	2.05		0.005	1	07/19/08 16:44	AL_H	4577810
Cadmium	ND		0.005	1	07/19/08 16:44	AL_H	4577810
Chromium	0.31		0.005	1	07/19/08 16:44	AL_H	4577810
Lead	0.158		0.005	1	07/19/08 16:44	AL_H	4577810
Manganese	4.45		0.005	1	07/19/08 16:44	AL_H	4577810
Selenium	ND		0.005	1	07/19/08 16:44	AL_H	4577810
Silver	ND		0.005	1	07/19/08 16:44	AL_H	4577810

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

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B/V - Analyte detected in the associated Method Blank
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TNTC - Too numerous to count
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-3 **Collected:** 07/01/2008 9:30 **SPL Sample ID:** 08070120-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5.4	1	07/08/08 16:32	GY	4554771
1,2-Dichlorobenzene	ND		5.4	1	07/08/08 16:32	GY	4554771
1,2-Diphenylhydrazine	ND		11	1	07/08/08 16:32	GY	4554771
1,3-Dichlorobenzene	ND		5.4	1	07/08/08 16:32	GY	4554771
1,4-Dichlorobenzene	ND		5.4	1	07/08/08 16:32	GY	4554771
2,4,5-Trichlorophenol	ND		11	1	07/08/08 16:32	GY	4554771
2,4,6-Trichlorophenol	ND		5.4	1	07/08/08 16:32	GY	4554771
2,4-Dichlorophenol	ND		5.4	1	07/08/08 16:32	GY	4554771
2,4-Dimethylphenol	ND		5.4	1	07/08/08 16:32	GY	4554771
2,4-Dinitrophenol	ND		27	1	07/08/08 16:32	GY	4554771
2,4-Dinitrotoluene	ND		5.4	1	07/08/08 16:32	GY	4554771
2,6-Dinitrotoluene	ND		5.4	1	07/08/08 16:32	GY	4554771
2-Chloronaphthalene	ND		5.4	1	07/08/08 16:32	GY	4554771
2-Chlorophenol	ND		5.4	1	07/08/08 16:32	GY	4554771
2-Methylnaphthalene	ND		5.4	1	07/08/08 16:32	GY	4554771
2-Nitroaniline	ND		27	1	07/08/08 16:32	GY	4554771
2-Nitrophenol	ND		5.4	1	07/08/08 16:32	GY	4554771
3,3'-Dichlorobenzidine	ND		11	1	07/08/08 16:32	GY	4554771
3-Nitroaniline	ND		27	1	07/08/08 16:32	GY	4554771
4,6-Dinitro-2-methylphenol	ND		27	1	07/08/08 16:32	GY	4554771
4-Bromophenyl phenyl ether	ND		5.4	1	07/08/08 16:32	GY	4554771
4-Chloro-3-methylphenol	ND		5.4	1	07/08/08 16:32	GY	4554771
4-Chloroaniline	ND		5.4	1	07/08/08 16:32	GY	4554771
4-Chlorophenyl phenyl ether	ND		5.4	1	07/08/08 16:32	GY	4554771
4-Nitroaniline	ND		27	1	07/08/08 16:32	GY	4554771
4-Nitrophenol	ND		27	1	07/08/08 16:32	GY	4554771
Acenaphthene	ND		5.4	1	07/08/08 16:32	GY	4554771
Acenaphthylene	ND		5.4	1	07/08/08 16:32	GY	4554771
Aniline	ND		5.4	1	07/08/08 16:32	GY	4554771
Anthracene	ND		5.4	1	07/08/08 16:32	GY	4554771
Benz(a)anthracene	ND		5.4	1	07/08/08 16:32	GY	4554771
Benzo(a)pyrene	ND		5.4	1	07/08/08 16:32	GY	4554771
Benzo(b)fluoranthene	ND		5.4	1	07/08/08 16:32	GY	4554771
Benzo(g,h,i)perylene	ND		5.4	1	07/08/08 16:32	GY	4554771
Benzo(k)fluoranthene	ND		5.4	1	07/08/08 16:32	GY	4554771
Benzoic acid	ND		27	1	07/08/08 16:32	GY	4554771
Benzyl alcohol	ND		5.4	1	07/08/08 16:32	GY	4554771
Bis(2-chloroethoxy)methane	ND		5.4	1	07/08/08 16:32	GY	4554771
Bis(2-chloroethyl)ether	ND		5.4	1	07/08/08 16:32	GY	4554771

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-3 **Collected:** 07/01/2008 9:30 **SPL Sample ID:** 08070120-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND		5.4	1	07/08/08 16:32	GY	4554771
Bis(2-ethylhexyl)phthalate	ND		5.4	1	07/08/08 16:32	GY	4554771
Butyl benzyl phthalate	ND		5.4	1	07/08/08 16:32	GY	4554771
Carbazole	ND		5.4	1	07/08/08 16:32	GY	4554771
Chrysene	ND		5.4	1	07/08/08 16:32	GY	4554771
Dibenz(a,h)anthracene	ND		5.4	1	07/08/08 16:32	GY	4554771
Dibenzofuran	ND		5.4	1	07/08/08 16:32	GY	4554771
Diethyl phthalate	ND		5.4	1	07/08/08 16:32	GY	4554771
Dimethyl phthalate	ND		5.4	1	07/08/08 16:32	GY	4554771
Di-n-butyl phthalate	ND		5.4	1	07/08/08 16:32	GY	4554771
Di-n-octyl phthalate	ND		5.4	1	07/08/08 16:32	GY	4554771
Fluoranthene	ND		5.4	1	07/08/08 16:32	GY	4554771
Fluorene	ND		5.4	1	07/08/08 16:32	GY	4554771
Hexachlorobenzene	ND		5.4	1	07/08/08 16:32	GY	4554771
Hexachlorobutadiene	ND		5.4	1	07/08/08 16:32	GY	4554771
Hexachlorocyclopentadiene	ND		5.4	1	07/08/08 16:32	GY	4554771
Hexachloroethane	ND		5.4	1	07/08/08 16:32	GY	4554771
Indeno(1,2,3-cd)pyrene	ND		5.4	1	07/08/08 16:32	GY	4554771
Isophorone	ND		5.4	1	07/08/08 16:32	GY	4554771
Naphthalene	ND		5.4	1	07/08/08 16:32	GY	4554771
Nitrobenzene	ND		5.4	1	07/08/08 16:32	GY	4554771
N-Nitrosodi-n-propylamine	ND		5.4	1	07/08/08 16:32	GY	4554771
N-Nitrosodiphenylamine	ND		5.4	1	07/08/08 16:32	GY	4554771
Pentachlorophenol	ND		27	1	07/08/08 16:32	GY	4554771
Phenanthrene	ND		5.4	1	07/08/08 16:32	GY	4554771
Phenol	ND		5.4	1	07/08/08 16:32	GY	4554771
Pyrene	ND		5.4	1	07/08/08 16:32	GY	4554771
Pyridine	ND		5.4	1	07/08/08 16:32	GY	4554771
2-Methylphenol	ND		5.4	1	07/08/08 16:32	GY	4554771
3 & 4-Methylphenol	ND		5.4	1	07/08/08 16:32	GY	4554771
Surr: 2,4,6-Tribromophenol	39.5		% 10-123	1	07/08/08 16:32	GY	4554771
Surr: 2-Fluorobiphenyl	44.4		% 23-116	1	07/08/08 16:32	GY	4554771
Surr: 2-Fluorophenol	23.4		% 16-110	1	07/08/08 16:32	GY	4554771
Surr: Nitrobenzene-d5	50.0		% 21-114	1	07/08/08 16:32	GY	4554771
Surr: Phenol-d5	18.5		% 10-110	1	07/08/08 16:32	GY	4554771
Surr: Terphenyl-d14	22.2		% 22-141	1	07/08/08 16:32	GY	4554771

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 11:00	N_M	1.08

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-8 **Collected:** 07/01/2008 13:30 **SPL Sample ID:** 08070120-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	425		2	1	07/08/08 9:30	PAC	4553249
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	21.6		2	4	07/02/08 20:09	A_E	4543638
Sulfate	148		5	10	07/02/08 20:26	A_E	4543639
Nitrogen,Nitrate (As N)	ND		0.5	1	07/02/08 17:41	A_E	4543616
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:28	CMC	4563003

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	38.5		0.1	1	07/21/08 14:10	EG	4582132
Iron	0.083		0.02	1	07/21/08 14:10	EG	4582132
Magnesium	18.2		0.1	1	07/21/08 14:10	EG	4582132
Sodium	214		0.5	1	07/21/08 14:10	EG	4582132

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	ND		0.005	1	07/19/08 16:50	AL_H	4577811
Barium	0.185		0.005	1	07/19/08 16:50	AL_H	4577811
Cadmium	ND		0.005	1	07/19/08 16:50	AL_H	4577811
Chromium	ND		0.005	1	07/19/08 16:50	AL_H	4577811
Lead	ND		0.005	1	07/19/08 16:50	AL_H	4577811
Manganese	0.311		0.005	1	07/19/08 16:50	AL_H	4577811
Selenium	ND		0.005	1	07/19/08 16:50	AL_H	4577811
Silver	ND		0.005	1	07/19/08 16:50	AL_H	4577811

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.6		0.1	1	07/02/08 18:00	PAC	4543270

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-8 **Collected:** 07/01/2008 13:30 **SPL Sample ID:** 08070120-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 17:03	GY	4554772
1,2-Dichlorobenzene	ND		5	1	07/08/08 17:03	GY	4554772
1,2-Diphenylhydrazine	ND		10	1	07/08/08 17:03	GY	4554772
1,3-Dichlorobenzene	ND		5	1	07/08/08 17:03	GY	4554772
1,4-Dichlorobenzene	ND		5	1	07/08/08 17:03	GY	4554772
2,4,5-Trichlorophenol	ND		10	1	07/08/08 17:03	GY	4554772
2,4,6-Trichlorophenol	ND		5	1	07/08/08 17:03	GY	4554772
2,4-Dichlorophenol	ND		5	1	07/08/08 17:03	GY	4554772
2,4-Dimethylphenol	ND		5	1	07/08/08 17:03	GY	4554772
2,4-Dinitrophenol	ND		25	1	07/08/08 17:03	GY	4554772
2,4-Dinitrotoluene	ND		5	1	07/08/08 17:03	GY	4554772
2,6-Dinitrotoluene	ND		5	1	07/08/08 17:03	GY	4554772
2-Chloronaphthalene	ND		5	1	07/08/08 17:03	GY	4554772
2-Chlorophenol	ND		5	1	07/08/08 17:03	GY	4554772
2-Methylnaphthalene	ND		5	1	07/08/08 17:03	GY	4554772
2-Nitroaniline	ND		25	1	07/08/08 17:03	GY	4554772
2-Nitrophenol	ND		5	1	07/08/08 17:03	GY	4554772
3,3'-Dichlorobenzidine	ND		10	1	07/08/08 17:03	GY	4554772
3-Nitroaniline	ND		25	1	07/08/08 17:03	GY	4554772
4,6-Dinitro-2-methylphenol	ND		25	1	07/08/08 17:03	GY	4554772
4-Bromophenyl phenyl ether	ND		5	1	07/08/08 17:03	GY	4554772
4-Chloro-3-methylphenol	ND		5	1	07/08/08 17:03	GY	4554772
4-Chloroaniline	ND		5	1	07/08/08 17:03	GY	4554772
4-Chlorophenyl phenyl ether	ND		5	1	07/08/08 17:03	GY	4554772
4-Nitroaniline	ND		25	1	07/08/08 17:03	GY	4554772
4-Nitrophenol	ND		25	1	07/08/08 17:03	GY	4554772
Acenaphthene	ND		5	1	07/08/08 17:03	GY	4554772
Acenaphthylene	ND		5	1	07/08/08 17:03	GY	4554772
Aniline	ND		5	1	07/08/08 17:03	GY	4554772
Anthracene	ND		5	1	07/08/08 17:03	GY	4554772
Benz(a)anthracene	ND		5	1	07/08/08 17:03	GY	4554772
Benzo(a)pyrene	ND		5	1	07/08/08 17:03	GY	4554772
Benzo(b)fluoranthene	ND		5	1	07/08/08 17:03	GY	4554772
Benzo(g,h,i)perylene	ND		5	1	07/08/08 17:03	GY	4554772
Benzo(k)fluoranthene	ND		5	1	07/08/08 17:03	GY	4554772
Benzoic acid	ND		25	1	07/08/08 17:03	GY	4554772
Benzyl alcohol	ND		5	1	07/08/08 17:03	GY	4554772
Bis(2-chloroethoxy)methane	ND		5	1	07/08/08 17:03	GY	4554772
Bis(2-chloroethyl)ether	ND		5	1	07/08/08 17:03	GY	4554772

Qualifiers:

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-8 **Collected:** 07/01/2008 13:30 **SPL Sample ID:** 08070120-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND		5		1	07/08/08 17:03	GY	4554772
Bis(2-ethylhexyl)phthalate	ND		5		1	07/08/08 17:03	GY	4554772
Butyl benzyl phthalate	ND		5		1	07/08/08 17:03	GY	4554772
Carbazole	ND		5		1	07/08/08 17:03	GY	4554772
Chrysene	ND		5		1	07/08/08 17:03	GY	4554772
Dibenz(a,h)anthracene	ND		5		1	07/08/08 17:03	GY	4554772
Dibenzofuran	ND		5		1	07/08/08 17:03	GY	4554772
Diethyl phthalate	ND		5		1	07/08/08 17:03	GY	4554772
Dimethyl phthalate	ND		5		1	07/08/08 17:03	GY	4554772
Di-n-butyl phthalate	ND		5		1	07/08/08 17:03	GY	4554772
Di-n-octyl phthalate	ND		5		1	07/08/08 17:03	GY	4554772
Fluoranthene	ND		5		1	07/08/08 17:03	GY	4554772
Fluorene	ND		5		1	07/08/08 17:03	GY	4554772
Hexachlorobenzene	ND		5		1	07/08/08 17:03	GY	4554772
Hexachlorobutadiene	ND		5		1	07/08/08 17:03	GY	4554772
Hexachlorocyclopentadiene	ND		5		1	07/08/08 17:03	GY	4554772
Hexachloroethane	ND		5		1	07/08/08 17:03	GY	4554772
Indeno(1,2,3-cd)pyrene	ND		5		1	07/08/08 17:03	GY	4554772
Isophorone	ND		5		1	07/08/08 17:03	GY	4554772
Naphthalene	ND		5		1	07/08/08 17:03	GY	4554772
Nitrobenzene	ND		5		1	07/08/08 17:03	GY	4554772
N-Nitrosodi-n-propylamine	ND		5		1	07/08/08 17:03	GY	4554772
N-Nitrosodiphenylamine	ND		5		1	07/08/08 17:03	GY	4554772
Pentachlorophenol	ND		25		1	07/08/08 17:03	GY	4554772
Phenanthrene	ND		5		1	07/08/08 17:03	GY	4554772
Phenol	ND		5		1	07/08/08 17:03	GY	4554772
Pyrene	ND		5		1	07/08/08 17:03	GY	4554772
Pyridine	ND		5		1	07/08/08 17:03	GY	4554772
2-Methylphenol	ND		5		1	07/08/08 17:03	GY	4554772
3 & 4-Methylphenol	ND		5		1	07/08/08 17:03	GY	4554772
Surr: 2,4,6-Tribromophenol	85.3		%	10-123	1	07/08/08 17:03	GY	4554772
Surr: 2-Fluorobiphenyl	74.0		%	23-116	1	07/08/08 17:03	GY	4554772
Surr: 2-Fluorophenol	45.3		%	16-110	1	07/08/08 17:03	GY	4554772
Surr: Nitrobenzene-d5	74.0		%	21-114	1	07/08/08 17:03	GY	4554772
Surr: Phenol-d5	32.0		%	10-110	1	07/08/08 17:03	GY	4554772
Surr: Terphenyl-d14	88.0		%	22-141	1	07/08/08 17:03	GY	4554772

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 11:00	N_M	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-8 **Collected:** 07/01/2008 13:30 **SPL Sample ID:** 08070120-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL DISSOLVED SOLIDS				MCL	E160.1 Units: mg/L		
Total Dissolved Solids (Residue,Filterable)	816		10	1	07/03/08 18:00	KRD	4545896

Qualifiers:

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TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-8 **Collected:** 07/01/2008 13:30 **SPL Sample ID:** 08070120-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 17:10	JC	4553752
1,1,1-Trichloroethane	ND		5	1	07/08/08 17:10	JC	4553752
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 17:10	JC	4553752
1,1,2-Trichloroethane	ND		5	1	07/08/08 17:10	JC	4553752
1,1-Dichloroethane	ND		5	1	07/08/08 17:10	JC	4553752
1,1-Dichloroethene	ND		5	1	07/08/08 17:10	JC	4553752
1,1-Dichloropropene	ND		5	1	07/08/08 17:10	JC	4553752
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 17:10	JC	4553752
1,2,3-Trichloropropane	ND		5	1	07/08/08 17:10	JC	4553752
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 17:10	JC	4553752
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 17:10	JC	4553752
1,2-Dibromoethane	ND		5	1	07/08/08 17:10	JC	4553752
1,2-Dichlorobenzene	ND		5	1	07/08/08 17:10	JC	4553752
1,2-Dichloroethane	ND		5	1	07/08/08 17:10	JC	4553752
1,2-Dichloropropane	ND		5	1	07/08/08 17:10	JC	4553752
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
1,3-Dichlorobenzene	ND		5	1	07/08/08 17:10	JC	4553752
1,3-Dichloropropane	ND		5	1	07/08/08 17:10	JC	4553752
1,4-Dichlorobenzene	ND		5	1	07/08/08 17:10	JC	4553752
2,2-Dichloropropane	ND		5	1	07/08/08 17:10	JC	4553752
2-Butanone	ND		20	1	07/08/08 17:10	JC	4553752
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 17:10	JC	4553752
2-Chlorotoluene	ND		5	1	07/08/08 17:10	JC	4553752
2-Hexanone	ND		10	1	07/08/08 17:10	JC	4553752
4-Chlorotoluene	ND		5	1	07/08/08 17:10	JC	4553752
4-Isopropyltoluene	ND		5	1	07/08/08 17:10	JC	4553752
4-Methyl-2-pentanone	ND		10	1	07/08/08 17:10	JC	4553752
Acetone	ND		100	1	07/08/08 17:10	JC	4553752
Acrylonitrile	ND		50	1	07/08/08 17:10	JC	4553752
Benzene	ND		5	1	07/08/08 17:10	JC	4553752
Bromobenzene	ND		5	1	07/08/08 17:10	JC	4553752
Bromochloromethane	ND		5	1	07/08/08 17:10	JC	4553752
Bromodichloromethane	ND		5	1	07/08/08 17:10	JC	4553752
Bromoform	ND		5	1	07/08/08 17:10	JC	4553752
Bromomethane	ND		10	1	07/08/08 17:10	JC	4553752
Carbon disulfide	ND		5	1	07/08/08 17:10	JC	4553752
Carbon tetrachloride	ND		5	1	07/08/08 17:10	JC	4553752
Chlorobenzene	ND		5	1	07/08/08 17:10	JC	4553752

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-8 **Collected:** 07/01/2008 13:30 **SPL Sample ID:** 08070120-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/08/08 17:10	JC	4553752
Chloroform	ND		5	1	07/08/08 17:10	JC	4553752
Chloromethane	ND		10	1	07/08/08 17:10	JC	4553752
Dibromochloromethane	ND		5	1	07/08/08 17:10	JC	4553752
Dibromomethane	ND		5	1	07/08/08 17:10	JC	4553752
Dichlorodifluoromethane	ND		10	1	07/08/08 17:10	JC	4553752
Ethylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
Hexachlorobutadiene	ND		5	1	07/08/08 17:10	JC	4553752
Isopropylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
Methyl tert-butyl ether	ND		5	1	07/08/08 17:10	JC	4553752
Methylene chloride	ND		5	1	07/08/08 17:10	JC	4553752
Naphthalene	ND		5	1	07/08/08 17:10	JC	4553752
n-Butylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
n-Propylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
sec-Butylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
Styrene	ND		5	1	07/08/08 17:10	JC	4553752
tert-Butylbenzene	ND		5	1	07/08/08 17:10	JC	4553752
Tetrachloroethene	ND		5	1	07/08/08 17:10	JC	4553752
Toluene	ND		5	1	07/08/08 17:10	JC	4553752
Trichloroethene	ND		5	1	07/08/08 17:10	JC	4553752
Trichlorofluoromethane	ND		5	1	07/08/08 17:10	JC	4553752
Vinyl acetate	ND		10	1	07/08/08 17:10	JC	4553752
Vinyl chloride	ND		10	1	07/08/08 17:10	JC	4553752
cis-1,2-Dichloroethene	ND		5	1	07/08/08 17:10	JC	4553752
cis-1,3-Dichloropropene	ND		5	1	07/08/08 17:10	JC	4553752
m,p-Xylene	ND		5	1	07/08/08 17:10	JC	4553752
o-Xylene	ND		5	1	07/08/08 17:10	JC	4553752
trans-1,2-Dichloroethene	ND		5	1	07/08/08 17:10	JC	4553752
trans-1,3-Dichloropropene	ND		5	1	07/08/08 17:10	JC	4553752
1,2-Dichloroethene (total)	ND		5	1	07/08/08 17:10	JC	4553752
Xylenes,Total	ND		5	1	07/08/08 17:10	JC	4553752
Surr: 1,2-Dichloroethane-d4	108		% 62-130	1	07/08/08 17:10	JC	4553752
Surr: 4-Bromofluorobenzene	104		% 70-130	1	07/08/08 17:10	JC	4553752
Surr: Toluene-d8	104		% 74-122	1	07/08/08 17:10	JC	4553752

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-3 **Collected:** 07/01/2008 10:45 **SPL Sample ID:** 08070120-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	382		2	1	07/08/08 9:30	PAC	4553251
BIOCHEMICAL OXYGEN DEMAND - 5 DAYS				**MCL**	**SM5210 B**	**Units: mg/L**	
Biochemical Oxygen Demand	ND		2	1	07/02/08 15:00	PAC	4550587
CHEMICAL OXYGEN DEMAND				**MCL**	**SM5220 C**	**Units: mg/L**	
Chemical Oxygen Demand	7.06		3	1	07/03/08 12:00	A_E	4544724
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	19.3		2	4	07/02/08 20:42	A_E	4543640
Sulfate	15.4		2	4	07/02/08 20:42	A_E	4543640
Nitrogen,Nitrate (As N)	ND		1	2	07/02/08 17:58	A_E	4543617
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:30	CMC	4563004

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	27.5		0.1	1	07/21/08 14:15	EG	4582133
Iron	4.66		0.02	1	07/21/08 14:15	EG	4582133
Magnesium	13.2		0.1	1	07/21/08 14:15	EG	4582133
Sodium	151		0.5	1	07/21/08 14:15	EG	4582133

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	0.0388		0.005	1	07/19/08 16:57	AL_H	4577812
Barium	0.307		0.005	1	07/19/08 16:57	AL_H	4577812
Cadmium	ND		0.005	1	07/19/08 16:57	AL_H	4577812
Chromium	ND		0.005	1	07/19/08 16:57	AL_H	4577812
Lead	ND		0.005	1	07/19/08 16:57	AL_H	4577812
Manganese	1.97		0.005	1	07/19/08 16:57	AL_H	4577812
Selenium	ND		0.005	1	07/19/08 16:57	AL_H	4577812
Silver	ND		0.005	1	07/19/08 16:57	AL_H	4577812

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.64		0.1	1	07/02/08 18:00	PAC	4543271

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-3 **Collected:** 07/01/2008 10:45 **SPL Sample ID:** 08070120-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 17:34	GY	4554773
1,2-Dichlorobenzene	ND		5	1	07/08/08 17:34	GY	4554773
1,2-Diphenylhydrazine	ND		10	1	07/08/08 17:34	GY	4554773
1,3-Dichlorobenzene	ND		5	1	07/08/08 17:34	GY	4554773
1,4-Dichlorobenzene	ND		5	1	07/08/08 17:34	GY	4554773
2,4,5-Trichlorophenol	ND		10	1	07/08/08 17:34	GY	4554773
2,4,6-Trichlorophenol	ND		5	1	07/08/08 17:34	GY	4554773
2,4-Dichlorophenol	ND		5	1	07/08/08 17:34	GY	4554773
2,4-Dimethylphenol	ND		5	1	07/08/08 17:34	GY	4554773
2,4-Dinitrophenol	ND		25	1	07/08/08 17:34	GY	4554773
2,4-Dinitrotoluene	ND		5	1	07/08/08 17:34	GY	4554773
2,6-Dinitrotoluene	ND		5	1	07/08/08 17:34	GY	4554773
2-Chloronaphthalene	ND		5	1	07/08/08 17:34	GY	4554773
2-Chlorophenol	ND		5	1	07/08/08 17:34	GY	4554773
2-Methylnaphthalene	ND		5	1	07/08/08 17:34	GY	4554773
2-Nitroaniline	ND		25	1	07/08/08 17:34	GY	4554773
2-Nitrophenol	ND		5	1	07/08/08 17:34	GY	4554773
3,3´-Dichlorobenzidine	ND		10	1	07/08/08 17:34	GY	4554773
3-Nitroaniline	ND		25	1	07/08/08 17:34	GY	4554773
4,6-Dinitro-2-methylphenol	ND		25	1	07/08/08 17:34	GY	4554773
4-Bromophenyl phenyl ether	ND		5	1	07/08/08 17:34	GY	4554773
4-Chloro-3-methylphenol	ND		5	1	07/08/08 17:34	GY	4554773
4-Chloroaniline	ND		5	1	07/08/08 17:34	GY	4554773
4-Chlorophenyl phenyl ether	ND		5	1	07/08/08 17:34	GY	4554773
4-Nitroaniline	ND		25	1	07/08/08 17:34	GY	4554773
4-Nitrophenol	ND		25	1	07/08/08 17:34	GY	4554773
Acenaphthene	ND		5	1	07/08/08 17:34	GY	4554773
Acenaphthylene	ND		5	1	07/08/08 17:34	GY	4554773
Aniline	ND		5	1	07/08/08 17:34	GY	4554773
Anthracene	ND		5	1	07/08/08 17:34	GY	4554773
Benz(a)anthracene	ND		5	1	07/08/08 17:34	GY	4554773
Benzo(a)pyrene	ND		5	1	07/08/08 17:34	GY	4554773
Benzo(b)fluoranthene	ND		5	1	07/08/08 17:34	GY	4554773
Benzo(g,h,i)perylene	ND		5	1	07/08/08 17:34	GY	4554773
Benzo(k)fluoranthene	ND		5	1	07/08/08 17:34	GY	4554773
Benzoic acid	ND		25	1	07/08/08 17:34	GY	4554773
Benzyl alcohol	ND		5	1	07/08/08 17:34	GY	4554773
Bis(2-chloroethoxy)methane	ND		5	1	07/08/08 17:34	GY	4554773
Bis(2-chloroethyl)ether	ND		5	1	07/08/08 17:34	GY	4554773

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-3 **Collected:** 07/01/2008 10:45 **SPL Sample ID:** 08070120-04

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND			5	1	07/08/08 17:34	GY	4554773
Bis(2-ethylhexyl)phthalate	ND			5	1	07/08/08 17:34	GY	4554773
Butyl benzyl phthalate	ND			5	1	07/08/08 17:34	GY	4554773
Carbazole	ND			5	1	07/08/08 17:34	GY	4554773
Chrysene	ND			5	1	07/08/08 17:34	GY	4554773
Dibenz(a,h)anthracene	ND			5	1	07/08/08 17:34	GY	4554773
Dibenzofuran	ND			5	1	07/08/08 17:34	GY	4554773
Diethyl phthalate	ND			5	1	07/08/08 17:34	GY	4554773
Dimethyl phthalate	ND			5	1	07/08/08 17:34	GY	4554773
Di-n-butyl phthalate	ND			5	1	07/08/08 17:34	GY	4554773
Di-n-octyl phthalate	ND			5	1	07/08/08 17:34	GY	4554773
Fluoranthene	ND			5	1	07/08/08 17:34	GY	4554773
Fluorene	ND			5	1	07/08/08 17:34	GY	4554773
Hexachlorobenzene	ND			5	1	07/08/08 17:34	GY	4554773
Hexachlorobutadiene	ND			5	1	07/08/08 17:34	GY	4554773
Hexachlorocyclopentadiene	ND			5	1	07/08/08 17:34	GY	4554773
Hexachloroethane	ND			5	1	07/08/08 17:34	GY	4554773
Indeno(1,2,3-cd)pyrene	ND			5	1	07/08/08 17:34	GY	4554773
Isophorone	ND			5	1	07/08/08 17:34	GY	4554773
Naphthalene	ND			5	1	07/08/08 17:34	GY	4554773
Nitrobenzene	ND			5	1	07/08/08 17:34	GY	4554773
N-Nitrosodi-n-propylamine	ND			5	1	07/08/08 17:34	GY	4554773
N-Nitrosodiphenylamine	ND			5	1	07/08/08 17:34	GY	4554773
Pentachlorophenol	ND			25	1	07/08/08 17:34	GY	4554773
Phenanthrene	ND			5	1	07/08/08 17:34	GY	4554773
Phenol	ND			5	1	07/08/08 17:34	GY	4554773
Pyrene	ND			5	1	07/08/08 17:34	GY	4554773
Pyridine	ND			5	1	07/08/08 17:34	GY	4554773
2-Methylphenol	ND			5	1	07/08/08 17:34	GY	4554773
3 & 4-Methylphenol	ND			5	1	07/08/08 17:34	GY	4554773
Surr: 2,4,6-Tribromophenol	77.3		%	10-123	1	07/08/08 17:34	GY	4554773
Surr: 2-Fluorobiphenyl	72.0		%	23-116	1	07/08/08 17:34	GY	4554773
Surr: 2-Fluorophenol	40.0		%	16-110	1	07/08/08 17:34	GY	4554773
Surr: Nitrobenzene-d5	68.0		%	21-114	1	07/08/08 17:34	GY	4554773
Surr: Phenol-d5	29.3		%	10-110	1	07/08/08 17:34	GY	4554773
Surr: Terphenyl-d14	78.0		%	22-141	1	07/08/08 17:34	GY	4554773

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 11:00	N_M	1.00

Qualifiers:

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Client Sample ID MW-3 **Collected:** 07/01/2008 10:45 **SPL Sample ID:** 08070120-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL COLIFORMS				**MCL**	**M9222 B**	**Units: colonies/100**	
Coliform, Total	12		1	1	07/02/08 14:00	KRD	4544818
TOTAL DISSOLVED SOLIDS				**MCL**	**E160.1**	**Units: mg/L**	
Total Dissolved Solids (Residue,Filterable)	538		10	1	07/03/08 18:00	KRD	4545897

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-3 **Collected:** 07/01/2008 10:45 **SPL Sample ID:** 08070120-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 17:38	JC	4553753
1,1,1-Trichloroethane	ND		5	1	07/08/08 17:38	JC	4553753
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 17:38	JC	4553753
1,1,2-Trichloroethane	ND		5	1	07/08/08 17:38	JC	4553753
1,1-Dichloroethane	ND		5	1	07/08/08 17:38	JC	4553753
1,1-Dichloroethene	ND		5	1	07/08/08 17:38	JC	4553753
1,1-Dichloropropene	ND		5	1	07/08/08 17:38	JC	4553753
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 17:38	JC	4553753
1,2,3-Trichloropropane	ND		5	1	07/08/08 17:38	JC	4553753
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 17:38	JC	4553753
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 17:38	JC	4553753
1,2-Dibromoethane	ND		5	1	07/08/08 17:38	JC	4553753
1,2-Dichlorobenzene	ND		5	1	07/08/08 17:38	JC	4553753
1,2-Dichloroethane	ND		5	1	07/08/08 17:38	JC	4553753
1,2-Dichloropropane	ND		5	1	07/08/08 17:38	JC	4553753
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
1,3-Dichlorobenzene	ND		5	1	07/08/08 17:38	JC	4553753
1,3-Dichloropropane	ND		5	1	07/08/08 17:38	JC	4553753
1,4-Dichlorobenzene	ND		5	1	07/08/08 17:38	JC	4553753
2,2-Dichloropropane	ND		5	1	07/08/08 17:38	JC	4553753
2-Butanone	ND		20	1	07/08/08 17:38	JC	4553753
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 17:38	JC	4553753
2-Chlorotoluene	ND		5	1	07/08/08 17:38	JC	4553753
2-Hexanone	ND		10	1	07/08/08 17:38	JC	4553753
4-Chlorotoluene	ND		5	1	07/08/08 17:38	JC	4553753
4-Isopropyltoluene	ND		5	1	07/08/08 17:38	JC	4553753
4-Methyl-2-pentanone	ND		10	1	07/08/08 17:38	JC	4553753
Acetone	ND		100	1	07/08/08 17:38	JC	4553753
Acrylonitrile	ND		50	1	07/08/08 17:38	JC	4553753
Benzene	ND		5	1	07/08/08 17:38	JC	4553753
Bromobenzene	ND		5	1	07/08/08 17:38	JC	4553753
Bromochloromethane	ND		5	1	07/08/08 17:38	JC	4553753
Bromodichloromethane	ND		5	1	07/08/08 17:38	JC	4553753
Bromoform	ND		5	1	07/08/08 17:38	JC	4553753
Bromomethane	ND		10	1	07/08/08 17:38	JC	4553753
Carbon disulfide	ND		5	1	07/08/08 17:38	JC	4553753
Carbon tetrachloride	ND		5	1	07/08/08 17:38	JC	4553753
Chlorobenzene	ND		5	1	07/08/08 17:38	JC	4553753

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E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-3 **Collected:** 07/01/2008 10:45 **SPL Sample ID:** 08070120-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/08/08 17:38	JC	4553753
Chloroform	ND		5	1	07/08/08 17:38	JC	4553753
Chloromethane	ND		10	1	07/08/08 17:38	JC	4553753
Dibromochloromethane	ND		5	1	07/08/08 17:38	JC	4553753
Dibromomethane	ND		5	1	07/08/08 17:38	JC	4553753
Dichlorodifluoromethane	ND		10	1	07/08/08 17:38	JC	4553753
Ethylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
Hexachlorobutadiene	ND		5	1	07/08/08 17:38	JC	4553753
Isopropylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
Methyl tert-butyl ether	ND		5	1	07/08/08 17:38	JC	4553753
Methylene chloride	ND		5	1	07/08/08 17:38	JC	4553753
Naphthalene	ND		5	1	07/08/08 17:38	JC	4553753
n-Butylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
n-Propylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
sec-Butylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
Styrene	ND		5	1	07/08/08 17:38	JC	4553753
tert-Butylbenzene	ND		5	1	07/08/08 17:38	JC	4553753
Tetrachloroethene	ND		5	1	07/08/08 17:38	JC	4553753
Toluene	ND		5	1	07/08/08 17:38	JC	4553753
Trichloroethene	ND		5	1	07/08/08 17:38	JC	4553753
Trichlorofluoromethane	ND		5	1	07/08/08 17:38	JC	4553753
Vinyl acetate	ND		10	1	07/08/08 17:38	JC	4553753
Vinyl chloride	ND		10	1	07/08/08 17:38	JC	4553753
cis-1,2-Dichloroethene	ND		5	1	07/08/08 17:38	JC	4553753
cis-1,3-Dichloropropene	ND		5	1	07/08/08 17:38	JC	4553753
m,p-Xylene	ND		5	1	07/08/08 17:38	JC	4553753
o-Xylene	ND		5	1	07/08/08 17:38	JC	4553753
trans-1,2-Dichloroethene	ND		5	1	07/08/08 17:38	JC	4553753
trans-1,3-Dichloropropene	ND		5	1	07/08/08 17:38	JC	4553753
1,2-Dichloroethene (total)	ND		5	1	07/08/08 17:38	JC	4553753
Xylenes,Total	ND		5	1	07/08/08 17:38	JC	4553753
Surr: 1,2-Dichloroethane-d4	108		% 62-130	1	07/08/08 17:38	JC	4553753
Surr: 4-Bromofluorobenzene	102		% 70-130	1	07/08/08 17:38	JC	4553753
Surr: Toluene-d8	102		% 74-122	1	07/08/08 17:38	JC	4553753

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MWR-1 **Collected:** 07/01/2008 15:00 **SPL Sample ID:** 08070120-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	579		2	1	07/08/08 9:30	PAC	4553252
BIOCHEMICAL OXYGEN DEMAND - 5 DAYS				**MCL**	**SM5210 B**	**Units: mg/L**	
Biochemical Oxygen Demand	ND		2	1	07/02/08 15:00	PAC	4550588
CHEMICAL OXYGEN DEMAND				**MCL**	**SM5220 C**	**Units: mg/L**	
Chemical Oxygen Demand	9.41		3	1	07/03/08 12:00	A_E	4544727
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	29.6		2	4	07/02/08 22:04	A_E	4543645
Sulfate	37.9		2	4	07/02/08 22:04	A_E	4543645
Nitrogen,Nitrate (As N)	ND		1	2	07/02/08 18:14	A_E	4543618
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/11/08 17:33	CMC	4563005

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/10/2008 18:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	10.9		0.1	1	07/21/08 14:19	EG	4582134
Iron	3		0.02	1	07/21/08 14:19	EG	4582134
Magnesium	6.53		0.1	1	07/21/08 14:19	EG	4582134
Sodium	299		0.5	1	07/21/08 14:19	EG	4582134

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	ND		0.005	1	07/19/08 17:04	AL_H	4577813
Barium	0.225		0.005	1	07/19/08 17:04	AL_H	4577813
Cadmium	ND		0.005	1	07/19/08 17:04	AL_H	4577813
Chromium	ND		0.005	1	07/19/08 17:04	AL_H	4577813
Lead	ND		0.005	1	07/19/08 17:04	AL_H	4577813
Manganese	0.369		0.005	1	07/19/08 17:04	AL_H	4577813
Selenium	ND		0.005	1	07/19/08 17:04	AL_H	4577813
Silver	ND		0.005	1	07/19/08 17:04	AL_H	4577813

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	8.1		0.1	1	07/02/08 18:00	PAC	4543272

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MWR-1 **Collected:** 07/01/2008 15:00 **SPL Sample ID:** 08070120-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 18:05	GY	4554774
1,2-Dichlorobenzene	ND		5	1	07/08/08 18:05	GY	4554774
1,2-Diphenylhydrazine	ND		10	1	07/08/08 18:05	GY	4554774
1,3-Dichlorobenzene	ND		5	1	07/08/08 18:05	GY	4554774
1,4-Dichlorobenzene	ND		5	1	07/08/08 18:05	GY	4554774
2,4,5-Trichlorophenol	ND		10	1	07/08/08 18:05	GY	4554774
2,4,6-Trichlorophenol	ND		5	1	07/08/08 18:05	GY	4554774
2,4-Dichlorophenol	ND		5	1	07/08/08 18:05	GY	4554774
2,4-Dimethylphenol	ND		5	1	07/08/08 18:05	GY	4554774
2,4-Dinitrophenol	ND		25	1	07/08/08 18:05	GY	4554774
2,4-Dinitrotoluene	ND		5	1	07/08/08 18:05	GY	4554774
2,6-Dinitrotoluene	ND		5	1	07/08/08 18:05	GY	4554774
2-Chloronaphthalene	ND		5	1	07/08/08 18:05	GY	4554774
2-Chlorophenol	ND		5	1	07/08/08 18:05	GY	4554774
2-Methylnaphthalene	ND		5	1	07/08/08 18:05	GY	4554774
2-Nitroaniline	ND		25	1	07/08/08 18:05	GY	4554774
2-Nitrophenol	ND		5	1	07/08/08 18:05	GY	4554774
3,3´-Dichlorobenzidine	ND		10	1	07/08/08 18:05	GY	4554774
3-Nitroaniline	ND		25	1	07/08/08 18:05	GY	4554774
4,6-Dinitro-2-methylphenol	ND		25	1	07/08/08 18:05	GY	4554774
4-Bromophenyl phenyl ether	ND		5	1	07/08/08 18:05	GY	4554774
4-Chloro-3-methylphenol	ND		5	1	07/08/08 18:05	GY	4554774
4-Chloroaniline	ND		5	1	07/08/08 18:05	GY	4554774
4-Chlorophenyl phenyl ether	ND		5	1	07/08/08 18:05	GY	4554774
4-Nitroaniline	ND		25	1	07/08/08 18:05	GY	4554774
4-Nitrophenol	ND		25	1	07/08/08 18:05	GY	4554774
Acenaphthene	ND		5	1	07/08/08 18:05	GY	4554774
Acenaphthylene	ND		5	1	07/08/08 18:05	GY	4554774
Aniline	ND		5	1	07/08/08 18:05	GY	4554774
Anthracene	ND		5	1	07/08/08 18:05	GY	4554774
Benz(a)anthracene	ND		5	1	07/08/08 18:05	GY	4554774
Benzo(a)pyrene	ND		5	1	07/08/08 18:05	GY	4554774
Benzo(b)fluoranthene	ND		5	1	07/08/08 18:05	GY	4554774
Benzo(g,h,i)perylene	ND		5	1	07/08/08 18:05	GY	4554774
Benzo(k)fluoranthene	ND		5	1	07/08/08 18:05	GY	4554774
Benzoic acid	ND		25	1	07/08/08 18:05	GY	4554774
Benzyl alcohol	ND		5	1	07/08/08 18:05	GY	4554774
Bis(2-chloroethoxy)methane	ND		5	1	07/08/08 18:05	GY	4554774
Bis(2-chloroethyl)ether	ND		5	1	07/08/08 18:05	GY	4554774

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MWR-1 **Collected:** 07/01/2008 15:00 **SPL Sample ID:** 08070120-05

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND			5	1	07/08/08 18:05	GY	4554774
Bis(2-ethylhexyl)phthalate	ND			5	1	07/08/08 18:05	GY	4554774
Butyl benzyl phthalate	ND			5	1	07/08/08 18:05	GY	4554774
Carbazole	ND			5	1	07/08/08 18:05	GY	4554774
Chrysene	ND			5	1	07/08/08 18:05	GY	4554774
Dibenz(a,h)anthracene	ND			5	1	07/08/08 18:05	GY	4554774
Dibenzofuran	ND			5	1	07/08/08 18:05	GY	4554774
Diethyl phthalate	ND			5	1	07/08/08 18:05	GY	4554774
Dimethyl phthalate	ND			5	1	07/08/08 18:05	GY	4554774
Di-n-butyl phthalate	ND			5	1	07/08/08 18:05	GY	4554774
Di-n-octyl phthalate	ND			5	1	07/08/08 18:05	GY	4554774
Fluoranthene	ND			5	1	07/08/08 18:05	GY	4554774
Fluorene	ND			5	1	07/08/08 18:05	GY	4554774
Hexachlorobenzene	ND			5	1	07/08/08 18:05	GY	4554774
Hexachlorobutadiene	ND			5	1	07/08/08 18:05	GY	4554774
Hexachlorocyclopentadiene	ND			5	1	07/08/08 18:05	GY	4554774
Hexachloroethane	ND			5	1	07/08/08 18:05	GY	4554774
Indeno(1,2,3-cd)pyrene	ND			5	1	07/08/08 18:05	GY	4554774
Isophorone	ND			5	1	07/08/08 18:05	GY	4554774
Naphthalene	ND			5	1	07/08/08 18:05	GY	4554774
Nitrobenzene	ND			5	1	07/08/08 18:05	GY	4554774
N-Nitrosodi-n-propylamine	ND			5	1	07/08/08 18:05	GY	4554774
N-Nitrosodiphenylamine	ND			5	1	07/08/08 18:05	GY	4554774
Pentachlorophenol	ND			25	1	07/08/08 18:05	GY	4554774
Phenanthrene	ND			5	1	07/08/08 18:05	GY	4554774
Phenol	ND			5	1	07/08/08 18:05	GY	4554774
Pyrene	ND			5	1	07/08/08 18:05	GY	4554774
Pyridine	ND			5	1	07/08/08 18:05	GY	4554774
2-Methylphenol	ND			5	1	07/08/08 18:05	GY	4554774
3 & 4-Methylphenol	13			5	1	07/08/08 18:05	GY	4554774
Surr: 2,4,6-Tribromophenol	97.3		%	10-123	1	07/08/08 18:05	GY	4554774
Surr: 2-Fluorobiphenyl	86.0		%	23-116	1	07/08/08 18:05	GY	4554774
Surr: 2-Fluorophenol	58.7		%	16-110	1	07/08/08 18:05	GY	4554774
Surr: Nitrobenzene-d5	90.0		%	21-114	1	07/08/08 18:05	GY	4554774
Surr: Phenol-d5	42.7		%	10-110	1	07/08/08 18:05	GY	4554774
Surr: Terphenyl-d14	88.0		%	22-141	1	07/08/08 18:05	GY	4554774

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/03/2008 11:00	N_M	1.00

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MWR-1 **Collected:** 07/01/2008 15:00 **SPL Sample ID:** 08070120-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL COLIFORMS				**MCL**	**M9222 B**	**Units: colonies/100**	
Coliform, Total	ND		1	1	07/02/08 14:00	KRD	4544820
TOTAL DISSOLVED SOLIDS				**MCL**	**E160.1**	**Units: mg/L**	
Total Dissolved Solids (Residue,Filterable)	865		10	1	07/03/08 18:00	KRD	4545898

Qualifiers:

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Client Sample ID MWR-1 **Collected:** 07/01/2008 15:00 **SPL Sample ID:** 08070120-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 18:06	JC	4553754
1,1,1-Trichloroethane	ND		5	1	07/08/08 18:06	JC	4553754
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 18:06	JC	4553754
1,1,2-Trichloroethane	ND		5	1	07/08/08 18:06	JC	4553754
1,1-Dichloroethane	ND		5	1	07/08/08 18:06	JC	4553754
1,1-Dichloroethene	ND		5	1	07/08/08 18:06	JC	4553754
1,1-Dichloropropene	ND		5	1	07/08/08 18:06	JC	4553754
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 18:06	JC	4553754
1,2,3-Trichloropropane	ND		5	1	07/08/08 18:06	JC	4553754
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 18:06	JC	4553754
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 18:06	JC	4553754
1,2-Dibromoethane	ND		5	1	07/08/08 18:06	JC	4553754
1,2-Dichlorobenzene	ND		5	1	07/08/08 18:06	JC	4553754
1,2-Dichloroethane	ND		5	1	07/08/08 18:06	JC	4553754
1,2-Dichloropropane	ND		5	1	07/08/08 18:06	JC	4553754
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
1,3-Dichlorobenzene	ND		5	1	07/08/08 18:06	JC	4553754
1,3-Dichloropropane	ND		5	1	07/08/08 18:06	JC	4553754
1,4-Dichlorobenzene	ND		5	1	07/08/08 18:06	JC	4553754
2,2-Dichloropropane	ND		5	1	07/08/08 18:06	JC	4553754
2-Butanone	ND		20	1	07/08/08 18:06	JC	4553754
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 18:06	JC	4553754
2-Chlorotoluene	ND		5	1	07/08/08 18:06	JC	4553754
2-Hexanone	ND		10	1	07/08/08 18:06	JC	4553754
4-Chlorotoluene	ND		5	1	07/08/08 18:06	JC	4553754
4-Isopropyltoluene	ND		5	1	07/08/08 18:06	JC	4553754
4-Methyl-2-pentanone	ND		10	1	07/08/08 18:06	JC	4553754
Acetone	ND		100	1	07/08/08 18:06	JC	4553754
Acrylonitrile	ND		50	1	07/08/08 18:06	JC	4553754
Benzene	ND		5	1	07/08/08 18:06	JC	4553754
Bromobenzene	ND		5	1	07/08/08 18:06	JC	4553754
Bromochloromethane	ND		5	1	07/08/08 18:06	JC	4553754
Bromodichloromethane	ND		5	1	07/08/08 18:06	JC	4553754
Bromoform	ND		5	1	07/08/08 18:06	JC	4553754
Bromomethane	ND		10	1	07/08/08 18:06	JC	4553754
Carbon disulfide	ND		5	1	07/08/08 18:06	JC	4553754
Carbon tetrachloride	ND		5	1	07/08/08 18:06	JC	4553754
Chlorobenzene	ND		5	1	07/08/08 18:06	JC	4553754

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MWR-1 **Collected:** 07/01/2008 15:00 **SPL Sample ID:** 08070120-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/08/08 18:06	JC	4553754
Chloroform	ND		5	1	07/08/08 18:06	JC	4553754
Chloromethane	ND		10	1	07/08/08 18:06	JC	4553754
Dibromochloromethane	ND		5	1	07/08/08 18:06	JC	4553754
Dibromomethane	ND		5	1	07/08/08 18:06	JC	4553754
Dichlorodifluoromethane	ND		10	1	07/08/08 18:06	JC	4553754
Ethylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
Hexachlorobutadiene	ND		5	1	07/08/08 18:06	JC	4553754
Isopropylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
Methyl tert-butyl ether	ND		5	1	07/08/08 18:06	JC	4553754
Methylene chloride	ND		5	1	07/08/08 18:06	JC	4553754
Naphthalene	ND		5	1	07/08/08 18:06	JC	4553754
n-Butylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
n-Propylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
sec-Butylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
Styrene	ND		5	1	07/08/08 18:06	JC	4553754
tert-Butylbenzene	ND		5	1	07/08/08 18:06	JC	4553754
Tetrachloroethene	ND		5	1	07/08/08 18:06	JC	4553754
Toluene	ND		5	1	07/08/08 18:06	JC	4553754
Trichloroethene	ND		5	1	07/08/08 18:06	JC	4553754
Trichlorofluoromethane	ND		5	1	07/08/08 18:06	JC	4553754
Vinyl acetate	ND		10	1	07/08/08 18:06	JC	4553754
Vinyl chloride	ND		10	1	07/08/08 18:06	JC	4553754
cis-1,2-Dichloroethene	ND		5	1	07/08/08 18:06	JC	4553754
cis-1,3-Dichloropropene	ND		5	1	07/08/08 18:06	JC	4553754
m,p-Xylene	ND		5	1	07/08/08 18:06	JC	4553754
o-Xylene	ND		5	1	07/08/08 18:06	JC	4553754
trans-1,2-Dichloroethene	ND		5	1	07/08/08 18:06	JC	4553754
trans-1,3-Dichloropropene	ND		5	1	07/08/08 18:06	JC	4553754
1,2-Dichloroethene (total)	ND		5	1	07/08/08 18:06	JC	4553754
Xylenes,Total	ND		5	1	07/08/08 18:06	JC	4553754
Surr: 1,2-Dichloroethane-d4	112		% 62-130	1	07/08/08 18:06	JC	4553754
Surr: 4-Bromofluorobenzene	104		% 70-130	1	07/08/08 18:06	JC	4553754
Surr: Toluene-d8	102		% 74-122	1	07/08/08 18:06	JC	4553754

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID Trip Blank-02 **Collected:** 07/01/2008 15:30 **SPL Sample ID:** 08070120-06

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 18:34	JC	4553755
1,1,1-Trichloroethane	ND		5	1	07/08/08 18:34	JC	4553755
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 18:34	JC	4553755
1,1,2-Trichloroethane	ND		5	1	07/08/08 18:34	JC	4553755
1,1-Dichloroethane	ND		5	1	07/08/08 18:34	JC	4553755
1,1-Dichloroethene	ND		5	1	07/08/08 18:34	JC	4553755
1,1-Dichloropropene	ND		5	1	07/08/08 18:34	JC	4553755
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 18:34	JC	4553755
1,2,3-Trichloropropane	ND		5	1	07/08/08 18:34	JC	4553755
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 18:34	JC	4553755
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 18:34	JC	4553755
1,2-Dibromoethane	ND		5	1	07/08/08 18:34	JC	4553755
1,2-Dichlorobenzene	ND		5	1	07/08/08 18:34	JC	4553755
1,2-Dichloroethane	ND		5	1	07/08/08 18:34	JC	4553755
1,2-Dichloropropane	ND		5	1	07/08/08 18:34	JC	4553755
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
1,3-Dichlorobenzene	ND		5	1	07/08/08 18:34	JC	4553755
1,3-Dichloropropane	ND		5	1	07/08/08 18:34	JC	4553755
1,4-Dichlorobenzene	ND		5	1	07/08/08 18:34	JC	4553755
2,2-Dichloropropane	ND		5	1	07/08/08 18:34	JC	4553755
2-Butanone	ND		20	1	07/08/08 18:34	JC	4553755
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 18:34	JC	4553755
2-Chlorotoluene	ND		5	1	07/08/08 18:34	JC	4553755
2-Hexanone	ND		10	1	07/08/08 18:34	JC	4553755
4-Chlorotoluene	ND		5	1	07/08/08 18:34	JC	4553755
4-Isopropyltoluene	ND		5	1	07/08/08 18:34	JC	4553755
4-Methyl-2-pentanone	ND		10	1	07/08/08 18:34	JC	4553755
Acetone	ND		100	1	07/08/08 18:34	JC	4553755
Acrylonitrile	ND		50	1	07/08/08 18:34	JC	4553755
Benzene	ND		5	1	07/08/08 18:34	JC	4553755
Bromobenzene	ND		5	1	07/08/08 18:34	JC	4553755
Bromochloromethane	ND		5	1	07/08/08 18:34	JC	4553755
Bromodichloromethane	ND		5	1	07/08/08 18:34	JC	4553755
Bromoform	ND		5	1	07/08/08 18:34	JC	4553755
Bromomethane	ND		10	1	07/08/08 18:34	JC	4553755
Carbon disulfide	ND		5	1	07/08/08 18:34	JC	4553755
Carbon tetrachloride	ND		5	1	07/08/08 18:34	JC	4553755
Chlorobenzene	ND		5	1	07/08/08 18:34	JC	4553755

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID Trip Blank-02 **Collected:** 07/01/2008 15:30 **SPL Sample ID:** 08070120-06

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/08/08 18:34	JC	4553755
Chloroform	ND		5	1	07/08/08 18:34	JC	4553755
Chloromethane	ND		10	1	07/08/08 18:34	JC	4553755
Dibromochloromethane	ND		5	1	07/08/08 18:34	JC	4553755
Dibromomethane	ND		5	1	07/08/08 18:34	JC	4553755
Dichlorodifluoromethane	ND		10	1	07/08/08 18:34	JC	4553755
Ethylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
Hexachlorobutadiene	ND		5	1	07/08/08 18:34	JC	4553755
Isopropylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
Methyl tert-butyl ether	ND		5	1	07/08/08 18:34	JC	4553755
Methylene chloride	ND		5	1	07/08/08 18:34	JC	4553755
Naphthalene	ND		5	1	07/08/08 18:34	JC	4553755
n-Butylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
n-Propylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
sec-Butylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
Styrene	ND		5	1	07/08/08 18:34	JC	4553755
tert-Butylbenzene	ND		5	1	07/08/08 18:34	JC	4553755
Tetrachloroethene	ND		5	1	07/08/08 18:34	JC	4553755
Toluene	ND		5	1	07/08/08 18:34	JC	4553755
Trichloroethene	ND		5	1	07/08/08 18:34	JC	4553755
Trichlorofluoromethane	ND		5	1	07/08/08 18:34	JC	4553755
Vinyl acetate	ND		10	1	07/08/08 18:34	JC	4553755
Vinyl chloride	ND		10	1	07/08/08 18:34	JC	4553755
cis-1,2-Dichloroethene	ND		5	1	07/08/08 18:34	JC	4553755
cis-1,3-Dichloropropene	ND		5	1	07/08/08 18:34	JC	4553755
m,p-Xylene	ND		5	1	07/08/08 18:34	JC	4553755
o-Xylene	ND		5	1	07/08/08 18:34	JC	4553755
trans-1,2-Dichloroethene	ND		5	1	07/08/08 18:34	JC	4553755
trans-1,3-Dichloropropene	ND		5	1	07/08/08 18:34	JC	4553755
1,2-Dichloroethene (total)	ND		5	1	07/08/08 18:34	JC	4553755
Xylenes,Total	ND		5	1	07/08/08 18:34	JC	4553755
Surr: 1,2-Dichloroethane-d4	110		% 62-130	1	07/08/08 18:34	JC	4553755
Surr: 4-Bromofluorobenzene	102		% 70-130	1	07/08/08 18:34	JC	4553755
Surr: Toluene-d8	102		% 74-122	1	07/08/08 18:34	JC	4553755

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6010B, Total
Method: SW6010B
WorkOrder: 08070120
Lab Batch ID: 81321A

Method Blank

RunID: TJA_080721A-4582120 Units: mg/L
Analysis Date: 07/21/2008 13:16 Analyst: EG
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Calcium	ND	0.1
Iron	ND	0.02
Magnesium	ND	0.1
Sodium	ND	0.5

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01E	WMW-6
08070120-02E	WMW-3
08070120-03E	WMW-8
08070120-04E	MW-3
08070120-05E	MWR-1

Laboratory Control Sample (LCS)

RunID: TJA_080721A-4582121 Units: mg/L
Analysis Date: 07/21/2008 13:20 Analyst: EG
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Calcium	1.000	1.071	107.1	80	120
Iron	1.000	1.043	104.3	80	120
Magnesium	1.000	1.004	100.4	80	120
Sodium	1.000	1.040	104.0	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070111-01
RunID: TJA_080721A-4582123 Units: mg/L
Analysis Date: 07/21/2008 13:29 Analyst: EG
Preparation Date: 07/06/2008 12:10 Prep By: Method SW3010A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Calcium	42.49	1	43.74	N/C	1	44.56	N/C	N/C	20	75	125
Iron	0.2077	1	1.227	102.0	1	1.239	103.1	0.9585	20	75	125
Magnesium	49.09	1	50.48	N/C	1	51.50	N/C	N/C	20	75	125
Sodium	51.02	1	52.84	N/C	1	53.73	N/C	N/C	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6020, Total
Method: SW6020A
WorkOrder: 08070120
Lab Batch ID: 81321-I

Method Blank

RunID: ICPMS2_080719A-4577799 Units: mg/L
Analysis Date: 07/19/2008 15:31 Analyst: AL_H
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Arsenic	ND	0.005
Barium	ND	0.005
Cadmium	ND	0.005
Chromium	ND	0.005
Lead	ND	0.005
Manganese	ND	0.005
Selenium	ND	0.005
Silver	ND	0.005

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01E	WMW-6
08070120-02E	WMW-3
08070120-03E	WMW-8
08070120-04E	MW-3
08070120-05E	MWR-1

Laboratory Control Sample (LCS)

RunID: ICPMS2_080719A-4577800 Units: mg/L
Analysis Date: 07/19/2008 15:38 Analyst: AL_H
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Arsenic	0.1000	0.08717	87.17	80	120
Barium	0.1000	0.09334	93.34	80	120
Cadmium	0.1000	0.09273	92.73	80	120
Chromium	0.1000	0.09224	92.24	80	120
Lead	0.1000	0.08348	83.48	80	120
Manganese	0.1000	0.08202	82.02	80	120
Selenium	0.1000	0.09143	91.43	80	120
Silver	0.1000	0.1144	114.4	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070011-01
RunID: ICPMS2_080719A-4577802 Units: mg/L
Analysis Date: 07/19/2008 15:51 Analyst: AL_H
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6020, Total
Method: SW6020A
WorkOrder: 08070120
Lab Batch ID: 81321-I

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Arsenic	ND	0.1	0.09352	91.42	0.1	0.08810	86.00	5.969	20	75	125
Barium	0.03312	0.1	0.1312	98.08	0.1	0.1294	96.28	1.381	20	75	125
Cadmium	ND	0.1	0.09716	97.16	0.1	0.09215	92.15	5.293	20	75	125
Chromium	0.03370	0.1	0.1311	97.40	0.1	0.1241	90.40	5.486	20	75	125
Lead	ND	0.1	0.09048	90.48	0.1	0.08647	86.47	4.532	20	75	125
Manganese	ND	0.1	0.08698	86.98	0.1	0.08132	81.32	6.726	20	75	125
Selenium	0.008941	0.1	0.1027	93.76	0.1	0.09514	86.20	7.643	20	75	125
Silver	ND	0.1	0.1171	117.1	0.1	0.1141	114.1	2.595	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Mercury, Total **WorkOrder:** 08070120
Method: SW7470A **Lab Batch ID:** 81524

Method Blank

RunID: HGLC_080711B-4562995 Units: mg/L
Analysis Date: 07/11/2008 16:11 Analyst: CMC
Preparation Date: 07/10/2008 18:30 Prep By: CMC Method SW7470A

Analyte	Result	Rep Limit
Mercury	ND	0.0002

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01E	WMW-6
08070120-02E	WMW-3
08070120-03E	WMW-8
08070120-04E	MW-3
08070120-05E	MWR-1

Laboratory Control Sample (LCS)

RunID: HGLC_080711B-4562996 Units: mg/L
Analysis Date: 07/11/2008 16:13 Analyst: CMC
Preparation Date: 07/10/2008 18:30 Prep By: CMC Method SW7470A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Mercury	0.002000	0.001935	96.74	80	120

Post Digestion Spike (PDS) / Post Digestion Spike Duplicate (PDSD)

Sample Spiked: 08070120-01
RunID: HGLC_080711B-4563021 Units: mg/L
Analysis Date: 07/11/2008 18:12 Analyst: CMC

Analyte	Sample Result	PDS Spike Added	PDS Result	PDS % Recovery	PDSD Spike Added	PDSD Result	PDSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Mercury	ND	0.002	0.001712	85.58	0.002	0.001697	84.87 *	0.8290	20	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070120-01
RunID: HGLC_080711B-4563000 Units: mg/L
Analysis Date: 07/11/2008 16:23 Analyst: CMC
Preparation Date: 07/10/2008 18:30 Prep By: CMC Method SW7470A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Mercury	ND	0.002	0.001613	80.63	0.002	0.001466	73.30 *	9.532	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis:	Mercury, Total	**WorkOrder:**	08070120
Method:	SW7470A	**Lab Batch ID:**	81524

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070120
Lab Batch ID: 81236

Method Blank

RunID: H_080707D-4552702 Units: ug/L
Analysis Date: 07/07/2008 19:21 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	10
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4,5-Trichlorophenol	ND	10
2,4,6-Trichlorophenol	ND	5.0
2,4-Dichlorophenol	ND	5.0
2,4-Dimethylphenol	ND	5.0
2,4-Dinitrophenol	ND	25
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
2-Chlorophenol	ND	5.0
2-Methylnaphthalene	ND	5.0
2-Nitroaniline	ND	25
2-Nitrophenol	ND	5.0
3,3'-Dichlorobenzidine	ND	10
3-Nitroaniline	ND	25
4,6-Dinitro-2-methylphenol	ND	25
4-Bromophenyl phenyl ether	ND	5.0
4-Chloro-3-methylphenol	ND	5.0
4-Chloroaniline	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
4-Nitroaniline	ND	25
4-Nitrophenol	ND	25
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Aniline	ND	5.0
Anthracene	ND	5.0
Benz(a)anthracene	ND	5.0
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzoic acid	ND	25
Benzyl alcohol	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Carbazole	ND	5.0
Chrysene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Dibenzofuran	ND	5.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01B	WMW-6
08070120-02B	WMW-3
08070120-03B	WMW-8
08070120-04B	MW-3
08070120-05B	MWR-1

Qualifiers:
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070120
Lab Batch ID: 81236

Method Blank

RunID: H_080707D-4552702 Units: ug/L
Analysis Date: 07/07/2008 19:21 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	5.0
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
N-Nitrosodi-n-propylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Pentachlorophenol	ND	25
Phenanthrene	ND	5.0
Phenol	ND	5.0
Pyrene	ND	5.0
Pyridine	ND	5.0
2-Methylphenol	ND	5.0
3 & 4-Methylphenol	ND	5.0
Surr: 2,4,6-Tribromophenol	90.7	10-123
Surr: 2-Fluorobiphenyl	80.0	23-116
Surr: 2-Fluorophenol	72.0	16-110
Surr: Nitrobenzene-d5	84.0	21-114
Surr: Phenol-d5	61.3	10-110
Surr: Terphenyl-d14	92.0	22-141

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	39	21	120
1,2-Dichlorobenzene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	20	150

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070120
Method: SW8270C **Lab Batch ID:** 81236

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	25.0	21.0	84.0	25.0	22.0	88.0	4.7	50	10	251
1,3-Dichlorobenzene	25.0	22.0	88.0	25.0	22.0	88.0	0.0	50	20	150
1,4-Dichlorobenzene	25.0	22.0	88.0	25.0	23.0	92.0	4.4	45	20	150
2,4,5-Trichlorophenol	25.0	24.0	96.0	25.0	25.0	100	4.1	50	30	150
2,4,6-Trichlorophenol	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	30	150
2,4-Dichlorophenol	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	30	150
2,4-Dimethylphenol	25.0	24.0	96.0	25.0	25.0	100	4.1	50	32	140
2,4-Dinitrophenol	25.0	30.0	120	25.0	29.0	116	3.4	50	10	160
2,4-Dinitrotoluene	25.0	27.0	108	25.0	28.0	112	3.6	50	30	150
2,6-Dinitrotoluene	25.0	25.0	100	25.0	26.0	104	3.9	50	30	150
2-Chloronaphthalene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	30	150
2-Chlorophenol	25.0	22.0	88.0	25.0	24.0	96.0	8.7	40	23	134
2-Methylnaphthalene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	170
2-Nitroaniline	25.0	25.0	100	25.0	25.0	100	0.0	50	20	160
2-Nitrophenol	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	29	182
3,3'-Dichlorobenzidine	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	30	200
3-Nitroaniline	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	20	160
4,6-Dinitro-2-methylphenol	25.0	26.0	104	25.0	26.0	104	0.0	50	10	160
4-Bromophenyl phenyl ether	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	30	150
4-Chloro-3-methylphenol	25.0	24.0	96.0	25.0	25.0	100	4.1	42	25	160
4-Chloroaniline	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	160
4-Chlorophenyl phenyl ether	25.0	26.0	104	25.0	27.0	108	3.8	50	25	158
4-Nitroaniline	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	160
4-Nitrophenol	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	10	132
Acenaphthene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	31	30	150
Acenaphthylene	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	33	250
Aniline	50.0	43.0	86.0	50.0	45.0	90.0	4.5	50	10	135
Anthracene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	27	133
Benz(a)anthracene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	33	143
Benzo(a)pyrene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	17	163
Benzo(b)fluoranthene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	24	159
Benzo(g,h,i)perylene	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	30	160
Benzo(k)fluoranthene	25.0	22.0	88.0	25.0	22.0	88.0	0.0	50	11	162

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070120
Method: SW8270C **Lab Batch ID:** 81236

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Benzoic acid	25.0	26.0	104	25.0	27.0	108	3.8	50	10	400
Benzyl alcohol	25.0	22.0	88.0	25.0	24.0	96.0	8.7	50	30	160
Bis(2-chloroethoxy)methane	25.0	38.0	152	25.0	39.0	156	2.6	50	33	184
Bis(2-chloroethyl)ether	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	12	158
Bis(2-chloroisopropyl)ether	25.0	25.0	100	25.0	26.0	104	3.9	50	20	160
Bis(2-ethylhexyl)phthalate	25.0	25.0	100	25.0	26.0	104	3.9	50	10	158
Butyl benzyl phthalate	25.0	27.0	108	25.0	27.0	108	0.0	50	30	160
Carbazole	25.0	25.0	100	25.0	25.0	100	0.0	50	30	150
Chrysene	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	17	168
Dibenz(a,h)anthracene	25.0	23.0	92.0	25.0	24.0	96.0	4.3	50	30	160
Dibenzofuran	25.0	24.0	96.0	25.0	25.0	100	4.1	50	30	150
Diethyl phthalate	25.0	26.0	104	25.0	27.0	108	3.8	50	30	160
Dimethyl phthalate	25.0	25.0	100	25.0	26.0	104	3.9	50	30	160
Di-n-butyl phthalate	25.0	27.0	108	25.0	27.0	108	0.0	50	30	160
Di-n-octyl phthalate	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	20	150
Fluoranthene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	26	137
Fluorene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	30	150
Hexachlorobenzene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	20	150
Hexachlorobutadiene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	20	140
Hexachlorocyclopentadiene	25.0	18.0	72.0	25.0	18.0	72.0	0.0	50	10	150
Hexachloroethane	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	14	120
Indeno(1,2,3-cd)pyrene	25.0	24.0	96.0	25.0	25.0	100	4.1	50	30	160
Isophorone	25.0	24.0	96.0	25.0	25.0	100	4.1	50	21	196
Naphthalene	25.0	22.0	88.0	25.0	23.0	92.0	4.4	50	21	133
Nitrobenzene	25.0	23.0	92.0	25.0	23.0	92.0	0.0	50	20	160
N-Nitrosodi-n-propylamine	25.0	25.0	100	25.0	26.0	104	3.9	38	30	160
N-Nitrosodiphenylamine	50.0	60.0	120	50.0	60.0	120	0.0	50	30	150
Pentachlorophenol	25.0	26.0	104	25.0	25.0	100	3.9	50	14	176
Phenanthrene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	50	10	140
Phenol	25.0	22.0	88.0	25.0	22.0	88.0	0.0	42	40	132
Pyrene	25.0	24.0	96.0	25.0	24.0	96.0	0.0	38	30	150
Pyridine	50.0	36.0	72.0	50.0	37.0	74.0	2.7	50	10	150
2-Methylphenol	25.0	23.0	92.0	25.0	25.0	100	8.3	50	30	160

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070120
Method: SW8270C **Lab Batch ID:** 81236

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_080707D-4552703 Units: ug/L
Analysis Date: 07/07/2008 19:52 Analyst: GY
Preparation Date: 07/03/2008 11:00 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
3 & 4-Methylphenol	25.0	26.0	104	25.0	27.0	108	3.8	50	10	160
Surr: 2,4,6-Tribromophenol	75.0	74.0	98.7	75.0	75.0	100	1.3	30	10	123
Surr: 2-Fluorobiphenyl	50.0	42.0	84.0	50.0	43.0	86.0	2.4	30	23	116
Surr: 2-Fluorophenol	75.0	54.0	72.0	75.0	54.0	72.0	0.0	30	16	110
Surr: Nitrobenzene-d5	50.0	43.0	86.0	50.0	43.0	86.0	0.0	30	21	114
Surr: Phenol-d5	75.0	45.0	60.0	75.0	46.0	61.3	2.2	30	10	110
Surr: Terphenyl-d14	50.0	46.0	92.0	50.0	46.0	92.0	0.0	30	22	141

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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070120
Method: SW8260B **Lab Batch ID:** R244267

Method Blank

RunID: Q_080708A-4553743 Units: ug/L
Analysis Date: 07/08/2008 11:13 Analyst: JC
Preparation Date: 07/08/2008 11:13 Prep By: Method

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
1,1-Dichloroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Butanone	ND	20
2-Chloroethyl vinyl ether	ND	10
2-Chlorotoluene	ND	5.0
2-Hexanone	ND	10
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
4-Methyl-2-pentanone	ND	10
Acetone	ND	100
Acrylonitrile	ND	50
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	10
Carbon disulfide	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	10
Chloroform	ND	5.0
Chloromethane	ND	10
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	10
Ethylbenzene	ND	5.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01A	WMW-6
08070120-03A	WMW-8
08070120-04A	MW-3
08070120-05A	MWR-1
08070120-06A	Trip Blank-02

Qualifiers:
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070120
Lab Batch ID: R244267

Method Blank

RunID: Q_080708A-4553743 Units: ug/L
Analysis Date: 07/08/2008 11:13 Analyst: JC
Preparation Date: 07/08/2008 11:13 Prep By: Method

Analyte	Result	Rep Limit
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
Methyl tert-butyl ether	ND	5.0
Methylene chloride	ND	5.0
Naphthalene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
Styrene	ND	5.0
tert-Butylbenzene	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Trichloroethene	ND	5.0
Trichlorofluoromethane	ND	5.0
Vinyl acetate	ND	10
Vinyl chloride	ND	10
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,2-Dichloroethene (total)	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	108.0	62-130
Surr: 4-Bromofluorobenzene	100.0	70-130
Surr: Toluene-d8	102.0	74-122

Laboratory Control Sample (LCS)

RunID: Q_080708A-4553742 Units: ug/L
Analysis Date: 07/08/2008 10:45 Analyst: JC
Preparation Date: 07/08/2008 10:45 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	20.0	20.0	100	71	136
1,1,1-Trichloroethane	20.0	19.0	95.0	66	132
1,1,2,2-Tetrachloroethane	20.0	21.0	105	55	139
1,1,2-Trichloroethane	20.0	21.0	105	70	130
1,1-Dichloroethane	20.0	19.0	95.0	67	131

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D - Recovery Unreportable due to Dilution
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HOUSTON LABORATORY
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070120
Method: SW8260B **Lab Batch ID:** R244267

Laboratory Control Sample (LCS)

RunID: Q_080708A-4553742 Units: ug/L
Analysis Date: 07/08/2008 10:45 Analyst: JC
Preparation Date: 07/08/2008 10:45 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	20.0	21.0	105	71	146
1,1-Dichloropropene	20.0	19.0	95.0	59	138
1,2,3-Trichlorobenzene	20.0	20.0	100	37	155
1,2,3-Trichloropropane	20.0	23.0	115	70	145
1,2,4-Trichlorobenzene	20.0	19.0	95.0	39	133
1,2,4-Trimethylbenzene	20.0	19.0	95.0	53	147
1,2-Dibromo-3-chloropropane	20.0	20.0	100	43	137
1,2-Dibromoethane	20.0	21.0	105	63	126
1,2-Dichlorobenzene	20.0	19.0	95.0	70	130
1,2-Dichloroethane	20.0	18.0	90.0	64	150
1,2-Dichloropropane	20.0	19.0	95.0	76	124
1,3,5-Trimethylbenzene	20.0	19.0	95.0	57	146
1,3-Dichlorobenzene	20.0	19.0	95.0	72	134
1,3-Dichloropropane	20.0	21.0	105	78	130
1,4-Dichlorobenzene	20.0	20.0	100	70	130
2,2-Dichloropropane	20.0	18.0	90.0	45	156
2-Butanone	120	150	125	20	235
2-Chloroethyl vinyl ether	20.0	20.0	100	13	179
2-Chlorotoluene	20.0	19.0	95.0	64	122
2-Hexanone	20.0	27.0	135	34	182
4-Chlorotoluene	20.0	19.0	95.0	64	142
4-Isopropyltoluene	20.0	20.0	100	60	134
4-Methyl-2-pentanone	20.0	17.0	85.0	11	145
Acetone	200	340	170	13	386
Acrylonitrile	100	100	100	43	194
Benzene	20.0	19.0	95.0	76	126
Bromobenzene	20.0	18.0	90.0	70	130
Bromochloromethane	20.0	22.0	110	63	131
Bromodichloromethane	20.0	19.0	95.0	77	138
Bromoform	20.0	18.0	90.0	55	129
Bromomethane	20.0	21.0	105	58	148
Carbon disulfide	20.0	16.0	80.0	46	146
Carbon tetrachloride	20.0	18.0	90.0	66	137
Chlorobenzene	20.0	20.0	100	67	136

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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070120
Lab Batch ID: R244267

Laboratory Control Sample (LCS)

RunID: Q_080708A-4553742 Units: ug/L
Analysis Date: 07/08/2008 10:45 Analyst: JC
Preparation Date: 07/08/2008 10:45 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloroethane	20.0	19.0	95.0	50	137
Chloroform	20.0	20.0	100	70	135
Chloromethane	20.0	20.0	100	51	140
Dibromochloromethane	20.0	18.0	90.0	69	127
Dibromomethane	20.0	21.0	105	74	130
Dichlorodifluoromethane	20.0	18.0	90.0	32	161
Ethylbenzene	20.0	20.0	100	67	122
Hexachlorobutadiene	20.0	18.0	90.0	43	144
Isopropylbenzene	20.0	19.0	95.0	60	135
Methyl tert-butyl ether	40.0	35.0	87.5	48	160
Methylene chloride	20.0	19.0	95.0	52	143
Naphthalene	20.0	20.0	100	24	150
n-Butylbenzene	20.0	19.0	95.0	50	140
n-Propylbenzene	20.0	19.0	95.0	62	137
sec-Butylbenzene	20.0	19.0	95.0	66	126
Styrene	20.0	19.0	95.0	60	139
tert-Butylbenzene	20.0	18.0	90.0	67	140
Tetrachloroethene	20.0	22.0	110	26	200
Toluene	20.0	19.0	95.0	70	131
Trichloroethene	20.0	20.0	100	64	137
Trichlorofluoromethane	20.0	21.0	105	46	167
Vinyl acetate	20.0	18.0	90.0	10	193
Vinyl chloride	20.0	20.0	100	31	147
cis-1,2-Dichloroethene	20.0	21.0	105	70	142
cis-1,3-Dichloropropene	20.0	16.0	80.0	61	134
m,p-Xylene	40.0	41.0	102	72	150
o-Xylene	20.0	21.0	105	78	141
trans-1,2-Dichloroethene	20.0	20.0	100	67	141
trans-1,3-Dichloropropene	20.0	16.0	80.0	56	136
1,2-Dichloroethene (total)	40	41	100	73	139
Xylenes,Total	60	62	100	72	150
Surr: 1,2-Dichloroethane-d4	50.0	55	110	62	130
Surr: 4-Bromofluorobenzene	50.0	51	102	70	130
Surr: Toluene-d8	50.0	53	106	74	122

Qualifiers:

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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070120
Lab Batch ID: R244267

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08061913-02
RunID: Q_080708A-4553749 Units: ug/L
Analysis Date: 07/08/2008 15:47 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	ND	1000	970	97.0	1000	1000	100	3.05	20	35	175
1,1,1-Trichloroethane	ND	1000	780	78.0	1000	950	95.0	19.7	20	35	175
1,1,2,2-Tetrachloroethane	ND	1000	1400	140	1000	1100	110	24.0 *	20	35	175
1,1,2-Trichloroethane	ND	1000	1200	120	1000	1000	100	18.2	20	35	175
1,1-Dichloroethane	ND	1000	780	78.0	1000	1000	100	24.7 *	20	35	175
1,1-Dichloroethene	ND	1000	780	78.0	1000	1000	100	24.7 *	22	61	145
1,1-Dichloropropene	ND	1000	890	89.0	1000	990	99.0	10.6	20	35	175
1,2,3-Trichlorobenzene	ND	1000	980	98.0	1000	970	97.0	1.03	20	27	187
1,2,3-Trichloropropane	ND	1000	1500	150	1000	1100	110	30.8 *	20	35	175
1,2,4-Trichlorobenzene	ND	1000	960	96.0	1000	960	96.0	0	20	34	150
1,2,4-Trimethylbenzene	270	1000	1300	103	1000	1300	103	0	20	35	175
1,2-Dibromo-3-chloropropane	ND	1000	1600	160	1000	970	97.0	49.0 *	20	15	175
1,2-Dibromoethane	ND	1000	1300	130	1000	1100	110	16.7	20	35	175
1,2-Dichlorobenzene	ND	1000	980	98.0	1000	990	99.0	1.02	20	35	175
1,2-Dichloroethane	ND	1000	880	88.0	1000	920	92.0	4.44	20	35	175
1,2-Dichloropropane	ND	1000	990	99.0	1000	970	97.0	2.04	20	35	175
1,3,5-Trimethylbenzene	ND	1000	1100	102	1000	1100	102	0	20	35	175
1,3-Dichlorobenzene	ND	1000	970	97.0	1000	980	98.0	1.03	20	35	175
1,3-Dichloropropane	ND	1000	1200	120	1000	1000	100	18.2	20	35	175
1,4-Dichlorobenzene	ND	1000	970	97.0	1000	980	98.0	1.03	20	35	175
2,2-Dichloropropane	ND	1000	520	52.0	1000	870	87.0	50.4 *	20	35	175
2-Butanone	ND	1000	2500	250 *	1000	1400	140	56.4 *	20	10	230
2-Chloroethyl vinyl ether	ND	1000	1500	150	1000	990	99.0	41.0 *	20	10	250
2-Chlorotoluene	ND	1000	1100	110	1000	1000	100	9.52	20	31	175
2-Hexanone	ND	1000	2200	220	1000	1000	100	75.0 *	20	10	250
4-Chlorotoluene	ND	1000	1100	110	1000	980	98.0	11.5	20	31	175
4-Isopropyltoluene	ND	1000	1000	100	1000	1000	100	0	20	35	175
4-Methyl-2-pentanone	ND	1000	1700	170	1000	840	84.0	67.7 *	20	10	175
Acetone	ND	5000	10000	200	5000	6800	136	38.1 *	20	10	400
Acrylonitrile	ND	5800	17000	293 *	5800	10000	172	51.9 *	20	15	250

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070120
Method: SW8260B **Lab Batch ID:** R244267

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08061913-02
RunID: Q_080708A-4553749 Units: ug/L
Analysis Date: 07/08/2008 15:47 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	7000	1000	7900	N/C	1000	8200	N/C	N/C	22	76	127
Bromobenzene	ND	1000	1000	100	1000	960	96.0	4.08	20	35	175
Bromochloromethane	ND	1000	840	84.0	1000	1100	110	26.8 *	20	35	175
Bromodichloromethane	ND	1000	900	90.0	1000	940	94.0	4.35	20	35	175
Bromoform	ND	1000	1100	110	1000	920	92.0	17.8	20	35	175
Bromomethane	ND	1000	730	73.0	1000	1000	100	31.2 *	20	35	175
Carbon disulfide	ND	1000	760	76.0	1000	940	94.0	21.2 *	20	30	225
Carbon tetrachloride	ND	1000	680	68.0	1000	880	88.0	25.6 *	20	35	175
Chlorobenzene	ND	1000	1100	110	1000	1100	110	0	21	70	130
Chloroethane	ND	1000	850	85.0	1000	1000	100	16.2	20	35	175
Chloroform	ND	1000	820	82.0	1000	1000	100	19.8	20	35	175
Chloromethane	ND	1000	810	81.0	1000	1000	100	21.0 *	20	35	175
Dibromochloromethane	ND	1000	1000	100	1000	970	97.0	3.05	20	35	175
Dibromomethane	ND	1000	1100	110	1000	1000	100	9.52	20	35	175
Dichlorodifluoromethane	ND	1000	600	60.0	1000	700	70.0	15.4	20	35	175
Ethylbenzene	800	1000	2000	120	1000	1900	110	5.13	20	35	175
Hexachlorobutadiene	ND	1000	850	85.0	1000	860	86.0	1.17	20	43	144
Isopropylbenzene	ND	1000	1100	110	1000	1100	110	0	20	35	175
Methyl tert-butyl ether	ND	1000	910	91.0	1000	830	83.0	9.20	20	35	175
Methylene chloride	ND	1000	790	79.0	1000	1000	100	23.5 *	20	35	175
Naphthalene	ND	1000	1500	150	1000	1100	110	30.8 *	20	20	210
n-Butylbenzene	ND	1000	960	96.0	1000	960	96.0	0	20	35	175
n-Propylbenzene	ND	1000	1100	110	1000	1000	100	9.52	20	35	175
sec-Butylbenzene	ND	1000	1000	100	1000	980	98.0	2.02	20	35	175
Styrene	2600	1000	3800	120	1000	3700	110	2.67	20	35	175
tert-Butylbenzene	ND	1000	1000	100	1000	990	99.0	1.01	20	35	175
Tetrachloroethene	ND	1000	1000	100	1000	980	98.0	2.02	20	30	250
Toluene	6200	1000	7500	N/C	1000	7300	N/C	N/C	24	70	131
Trichloroethene	ND	1000	1000	100	1000	1000	100	0	21	60	140
Trichlorofluoromethane	ND	1000	670	67.0	1000	1000	100	39.5 *	20	17	250
Vinyl acetate	ND	1000	930	93.0	1000	970	97.0	4.21	20	10	250
Vinyl chloride	ND	1000	850	85.0	1000	1000	100	16.2	20	35	175

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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070120
Lab Batch ID: R244267

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08061913-02
RunID: Q_080708A-4553749 Units: ug/L
Analysis Date: 07/08/2008 15:47 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
cis-1,2-Dichloroethene	ND	1000	870	87.0	1000	1000	100	13.9	20	35	175
cis-1,3-Dichloropropene	ND	1000	820	82.0	1000	850	85.0	3.59	20	35	175
m,p-Xylene	3100	2000	5600	125	2000	5200	105	7.41	20	35	175
o-Xylene	1000	1000	2100	110	1000	2100	110	0	20	35	175
trans-1,2-Dichloroethene	ND	1000	770	77.0	1000	1000	100	26.0 *	20	35	175
trans-1,3-Dichloropropene	ND	1000	870	87.0	1000	810	81.0	7.14	20	35	175
1,2-Dichloroethene (total)	ND	2000	1640	82.0	2000	2000	100	19.8	20	35	175
Xylenes,Total	4100	3000	7700	120	3000	7300	110	5.3	20	35	175
Surr: 1,2-Dichloroethane-d4	ND	2500	2600	104	2500	2700	108	3.77	30	62	130
Surr: 4-Bromofluorobenzene	ND	2500	2500	100	2500	2600	104	3.92	30	70	130
Surr: Toluene-d8	ND	2500	2600	104	2500	2600	104	0	30	74	122

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: pH
Method: SM4500-H B

WorkOrder: 08070120
Lab Batch ID: R243695

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01C	WMW-6
08070120-03C	WMW-8
08070120-04C	MW-3
08070120-05C	MWR-1

Laboratory Control Sample (LCS)

RunID: WET_080702ZB-4543266 Units: pH Units
Analysis Date: 07/02/2008 18:00 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
pH	7.000	7.040	100.6	98	102

Sample Duplicate

Original Sample: 08070120-05
RunID: WET_080702ZB-4543272 Units: pH Units
Analysis Date: 07/02/2008 18:00 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
pH	8.1	8.13	0.370	5

Qualifiers:

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E - Estimated Value exceeds calibration curve
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography **WorkOrder:** 08070120
Method: E300.0 **Lab Batch ID:** R243714

Method Blank

RunID: IC1_080702A-4543608 Units: mg/L
Analysis Date: 07/02/2008 15:30 Analyst: A_E

Analyte	Result	Rep Limit
Nitrogen,Nitrate (As N)	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01D	WMW-6
08070120-03D	WMW-8
08070120-04D	MW-3
08070120-05D	MWR-1

Laboratory Control Sample (LCS)

RunID: IC1_080702A-4543609 Units: mg/L
Analysis Date: 07/02/2008 15:46 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Nitrogen,Nitrate (As N)	10.00	9.493	94.93	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070116-01
RunID: IC1_080702A-4543613 Units: mg/L
Analysis Date: 07/02/2008 16:52 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Nitrogen,Nitrate (As N)	9.035	20	32.79	118.8	20	32.65	118.0	0.4523	20	80	120

Qualifiers:

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E - Estimated Value exceeds calibration curve
MI - Matrix Interference
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography
Method: E300.0

WorkOrder: 08070120
Lab Batch ID: R243717S

Method Blank

RunID: IC1_080702B-4543634 Units: mg/L
Analysis Date: 07/02/2008 19:03 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	0.50
Sulfate	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01D	WMW-6
08070120-03D	WMW-8
08070120-04D	MW-3
08070120-05D	MWR-1

Laboratory Control Sample (LCS)

RunID: IC1_080702B-4543635 Units: mg/L
Analysis Date: 07/02/2008 19:20 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	8.896	88.96	85	115
Sulfate	10.00	9.457	94.57	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070120-04
RunID: IC1_080702B-4543641 Units: mg/L
Analysis Date: 07/02/2008 20:59 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	19.33	40	57.95	96.55	40	58.01	96.69	0.09658	20	80	120
Sulfate	15.36	40	54.52	97.88	40	54.43	97.66	0.1634	20	80	120

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E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Chemical Oxygen Demand
Method: SM5220 C
WorkOrder: 08070120
Lab Batch ID: R243766

Method Blank

RunID: WET_080703H-4544710 Units: mg/L
Analysis Date: 07/03/2008 9:50 Analyst: A_E

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-04G	MW-3
08070120-05G	MWR-1

Analyte	Result	Rep Limit
Chemical Oxygen Demand	ND	3.0

Laboratory Control Sample (LCS)

RunID: WET_080703H-4544712 Units: mg/L
Analysis Date: 07/03/2008 9:50 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chemical Oxygen Demand	104.0	103.5	99.55	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070171-01
RunID: WET_080703H-4544733 Units: mg/L
Analysis Date: 07/03/2008 12:00 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chemical Oxygen Demand	9.412	50	58.82	98.82	50	58.82	98.82	0	10	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Total Coliforms
Method: M9222 B

WorkOrder: 08070120
Lab Batch ID: R243774

Method Blank

RunID: WET_080702ZE-4544817 Units: colonies/100mL
Analysis Date: 07/02/2008 14:00 Analyst: KRD

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-04H	MW-3
08070120-05H	MWR-1

Analyte	Result	Rep Limit
Coliform, Total	ND	1.0

Sample Duplicate

Original Sample: 08070120-04
RunID: WET_080702ZE-4544818 Units: colonies/100mL
Analysis Date: 07/02/2008 14:00 Analyst: KRD

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Coliform, Total	12	10	18	48

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Total Dissolved Solids **WorkOrder:** 08070120
Method: E160.1 **Lab Batch ID:** R243837

Method Blank

RunID: WET_080703Y-4545890 Units: mg/L
Analysis Date: 07/03/2008 18:00 Analyst: KRD

Analyte	Result	Rep Limit
Total Dissolved Solids (Residue,Filterable)	ND	10

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01C	WMW-6
08070120-03C	WMW-8
08070120-04C	MW-3
08070120-05C	MWR-1

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_080703Y-4545892 Units: mg/L
Analysis Date: 07/03/2008 18:00 Analyst: KRD

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Total Dissolved Solids (Residue,Filtera	200.0	198.0	99.00	200.0	202.0	101.0	2.0	10	95	107

Sample Duplicate

Original Sample: 08070120-01
RunID: WET_080703Y-4545894 Units: mg/L
Analysis Date: 07/03/2008 18:00 Analyst: KRD

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Total Dissolved Solids (Residue,Filtera	1500	1550	3.28	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Biochemical Oxygen Demand - 5 Days
Method: SM5210 B
WorkOrder: 08070120
Lab Batch ID: R244097

Method Blank

RunID: WET_080702ZK-4550583 Units: mg/L
Analysis Date: 07/02/2008 12:00 Analyst: PAC

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-04F	MW-3
08070120-05F	MWR-1

Analyte	Result	Rep Limit
Biochemical Oxygen Demand	ND	2.0

Laboratory Control Sample (LCS)

RunID: WET_080702ZK-4550585 Units: mg/L
Analysis Date: 07/02/2008 12:00 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Biochemical Oxygen Demand	198.0	197.4	99.70	83.7	114

Sample Duplicate

Original Sample: 08070135-02
RunID: WET_080702ZK-4550591 Units: mg/L
Analysis Date: 07/02/2008 15:00 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Biochemical Oxygen Demand	ND	ND	0	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Alkalinity (as CaCO3), Total **WorkOrder:** 08070120
Method: E310.1 **Lab Batch ID:** R244229

Method Blank

RunID: WET_080708Q-4553233 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-01C	WMW-6
08070120-03C	WMW-8

Analyte	Result	Rep Limit
Alkalinity, Total (As CaCO3)	ND	2.0

Laboratory Control Sample (LCS)

RunID: WET_080708Q-4553238 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Alkalinity, Total (As CaCO3)	84.90	81.00	95.41	90	110

Sample Duplicate

Original Sample: 08070017-04
RunID: WET_080708Q-4553246 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	514	514	0	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Alkalinity (as CaCO3), Total
Method: E310.1
WorkOrder: 08070120
Lab Batch ID: R244229A

Method Blank

RunID: WET_080708Q-4553233 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070120-04C	MW-3
08070120-05C	MWR-1

Analyte	Result	Rep Limit
Alkalinity, Total (As CaCO3)	ND	2.0

Laboratory Control Sample (LCS)

RunID: WET_080708Q-4553238 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Alkalinity, Total (As CaCO3)	84.90	81.00	95.41	90	110

Sample Duplicate

Original Sample: 08070203-05
RunID: WET_080708Q-4553257 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	1220	1220	0	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	08070120	Received By:	RE
Date and Time Received:	7/2/2008 9:30:00 AM	Carrier name:	Fedex-Standard Overnight
Temperature:	4.0°C	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4.	Chain of custody present?	Yes ☑	No ☐	
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐	
7.	Samples in proper container/bottle?	Yes ☑	No ☐	
8.	Sample containers intact?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐	
10.	All samples received within holding time? Received Total Coliform samples outside of the method holding time.	Yes ☐	No ☑	
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
12.	Water - VOA vials have zero headspace?	Yes ☑	No ☐	VOA Vials Not Present ☐
13.	Water - Preservation checked upon receipt (except VOA*)?	Yes ☑	No ☐	Not Applicable ☐

*VOA Preservation Checked After Sample Analysis

SPL Representative: Agarwal, Bethany A.
Contact Date & Time:
Client Name Contacted: Ana Morena

Non Conformance Issues:

Client Instructions: Continue with the analysis per client request at the time of the bottle order request

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips

SPL Workorder Number: 08070120

Attention: Kelly Blanchard/Tetra Tech

Phone: 505-237-8440 | email: kelly.blanchard@tetratech.c

Address: 6121 Indian School Road, NE Ste. 200

City: Albuquerque | State: NM | Zip Code: 87110

Project Name: Wingate

P.O. Number:

Sampled By: (signature) (print)

Sample ID	Collected Date	Collected Time	Sample Type Comp	Sample Type Grab	Matrix Water	Matrix Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL	8260-BTEX ONLY	8270-SVOC TCL	TDS, pH, Alk.	Cl, SO4, Nitrate	Coliform	COD	BOD	RCRA 8-6020/Hg-7470
WMW-8	7/1	13:30		X	X		1	3	3	X								
							4	1	2			X						
							3	1	2				X	X				
							3	2	1									X
MW-3	7/1	10:45		X	X		1	3	3	X								
							4	1	2			X						
							3	1	3				X	X			X	
							3	2	1									X
							3	4	1							X		
							5		2						X			

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks:

Intact? Y or N

Temperature: 4.0

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 4oz Plastic

Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

	Date	Time	Received by:
Relinquished by Sampler:	7/1	16:20	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 7/2/08	Time 0930	Received by SPL, Inc.

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips — **SPL Workorder Number:** 08070120

Attention: Kelly Blanchard/Tetra Tech

Phone: 505-237-8440 — email: kelly.blanchard@tetratech.c

Address: 6121 Indian School Road, NE Ste. 200

City: Albuquerque — State: NM — Zip Code: 87110

Project Name: Wingate

P.O. Number:

Sampled By: Ana Moreno (signature) — print: Christine Mathews, Ana Moreno

Sample ID	Collected: Date	Collected: Time	Sample Type: Comp	Sample Type: Grab	Matrix: Water	Matrix: Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL	8260-BTEX ONLY	8270-SVOC TCL	TDS, pH, Alk.	Chl, SO4, Nitrate	Coliform	COD	BOD	RCRA 8-6020/Hg-7470
MWR-1	7/1	15:00		X	X		1	3	3	X								
							4	1	2			X						
							3	1	3				X	X			X	
							3	2	1									X
							3	4	1							X		
							5		2						X			
Trip Blank-02	7/1	15:30		X	Y		1		2		X							

Turnaround Time Requirements: 24 hr( ) 48 hr( ) 72 hr( ) 5 wday( ) 10 wday - Standard(X)

Remarks:

Intact? Y or N — Temperature: 7.0 c

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic

Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

	Date	Time	Received by:
Relinquished by Sampler:	7/1/08	16:20	
Relinquished by:	Date	Time	Received by:
Relinquished by:	7/2/08	0930	Received by SPL, Inc.

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips — **SPL Workorder Number:** 08070120

Attention: Kelly Blanchard/Tetra Tech

Phone: 505-237-8440 | email: kelly.blanchard@tetratech.c

Address: 6121 Indian School Road, NE Ste. 200

City: Albuquerque | State: NM | Zip Code: 87110

Project Name: Wingate

P.O. Number:

Sampled By: signature [signature] print Christine Mathews, Ana Moreno

Sample ID	Collected: Date	Time	Sample Type: Comp	Grab	Matrix: Water	Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL	8260-BTEX ONLY	8270-SVOC TCL	TDS, pH, Alk.	Chl., SO4, Nitrate	Coliform	COD	BOD	RCRA 8-6020/Hg-7470
WMW-6	7/1	8:30		X	X		1	3	3	X								
"				X	X		4	1	2			X						
				X	X		3	1	2				X	X				
				X	X		3	2	1									X
WMW-3	7/1	9:30		X	X		1	3	3	X								
				X	X		4	1	2			X						
will ship tomorrow				X	X		3	1	2				X	X				
				X	X		3	2	1									X

will ship tomorrow

Turnaround Time Requirements: 24 hr( ) 48 hr( ) 72 hr( ) 5 wday( ) 10 wday - Standard(X)

Remarks:

Intact? Y or N

Temperature: 4.0c PA

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic

Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

	Date	Time	Received by:
Relinquished by Sampler:	7/1/08	16:20	
Relinquished by:			
Relinquished by:	7/2/08	0930	Received by SPL, Inc.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08070017

Report To:		Project Name:	COP Wingate
Tetra Tech EM, Inc.		Site:	Gallup, NM
Kelly Blanchard		Site Address:	
6121 Indian School Road, N.E.			
Suite 200		PO Number:	4509954763
Albuquerque		State:	New Mexico
NM		State Cert. No.:	
87110-		Date Reported:	7/24/2008
ph: (505) 881-3188	fax:		

This Report Contains A Total Of 55 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

7/24/2008

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713)660-0901

Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

08070017

Report To:		Project Name:	COP Wingate
Tetra Tech EM, Inc.		Site:	Gallup, NM
Kelly Blanchard		Site Address:	
6121 Indian School Road, N.E.			
Suite 200		PO Number:	4509954763
Albuquerque		State:	New Mexico
NM		State Cert. No.:	
87110-		Date Reported:	7/24/2008
ph: (505)881-3188	fax:		

All samples were received expired for pH analysis. The holding time for pH is immediate and should be performed at the time of sampling. Client is aware of the holding time and requested SPL to perform the analysis.

Per the Conoco Phillips TSM Revision 0, a copy of the internal chain of custody is to be included in final data package. However, due to LIMS limitations, this cannot be provided at this time.

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Your sample ID "WMW-5" (SPL ID:08070017-17) was randomly selected for use in SPL's quality control program for the Volatile Organics analysis by SW846 Method 8260. The Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries were outside of the advisable quality control limits for 2-Chloroethyl vinyl ether (Batch ID:R244294) due to compound decomposition as a result of acid preservation. A Laboratory Control Sample (LCS) was analyzed as a quality control check for the analytical batch and all recoveries were within acceptable limits.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

7/25/2008

Bethany A. Agarwal
Senior Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08070017

Report To: Tetra Tech EM, Inc.
Kelly Blanchard
6121 Indian School Road, N.E.
Suite 200
Albuquerque
NM
87110-
ph: (505) 881-3188 fax: (505) 881-3283

Fax To:

Project Name: COP Wingate
Site: Gallup, NM
Site Address:

PO Number: 4509954763
State: New Mexico
State Cert. No.:
Date Reported: 7/24/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
WMW-5	08070017-01	Water	6/30/2008 9:20:00 AM	7/1/2008 9:30:00 AM		☐
WMW-1	08070017-02	Water	6/30/2008 10:15:00 AM	7/1/2008 9:30:00 AM		☐
WMW-4	08070017-03	Water	6/30/2008 11:00:00 AM	7/1/2008 9:30:00 AM		☐
WMW-7	08070017-04	Water	6/30/2008 1:00:00 PM	7/1/2008 9:30:00 AM		☐
Trip Blank	08070017-05	Water	6/30/2008 1:15:00 PM	7/1/2008 9:30:00 AM		☐

Bethany Agarwal

7/24/2008

Bethany A. Agarwal
Senior Project Manager

Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-5 **Collected:** 06/30/2008 9:20 **SPL Sample ID:** 08070017-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	548		2	1	07/08/08 9:30	PAC	4553241
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	232		10	20	07/02/08 4:42	A_E	4540341
Sulfate	1270		50	100	07/02/08 0:35	A_E	4540327
Nitrogen,Nitrate (As N)	ND		0.5	1	07/01/08 15:46	A_E	4540217
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/09/08 16:14	CMC	4556976

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/08/2008 20:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	137		0.1	1	07/20/08 20:43	EG	4579387
Iron	0.562		0.02	1	07/20/08 20:43	EG	4579387
Magnesium	41.4		0.1	1	07/20/08 20:43	EG	4579387
Sodium	811		2.5	5	07/20/08 21:17	EG	4579399

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	ND		0.005	1	07/14/08 20:17	AL_H	4566165
Barium	0.0163		0.005	1	07/14/08 20:17	AL_H	4566165
Cadmium	ND		0.005	1	07/14/08 20:17	AL_H	4566165
Chromium	ND		0.005	1	07/14/08 20:17	AL_H	4566165
Lead	ND		0.005	1	07/14/08 20:17	AL_H	4566165
Manganese	1.12		0.005	1	07/14/08 20:17	AL_H	4566165
Selenium	ND		0.005	1	07/14/08 20:17	AL_H	4566165
Silver	ND		0.005	1	07/14/08 20:17	AL_H	4566165

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.15		0.1	1	07/02/08 10:15	PAC	4540187

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-5 **Collected:** 06/30/2008 9:20 **SPL Sample ID:** 08070017-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/04/08 19:57	GY	4554749
1,2-Dichlorobenzene	ND		5	1	07/04/08 19:57	GY	4554749
1,2-Diphenylhydrazine	ND		10	1	07/04/08 19:57	GY	4554749
1,3-Dichlorobenzene	ND		5	1	07/04/08 19:57	GY	4554749
1,4-Dichlorobenzene	ND		5	1	07/04/08 19:57	GY	4554749
2,4,5-Trichlorophenol	ND		10	1	07/04/08 19:57	GY	4554749
2,4,6-Trichlorophenol	ND		5	1	07/04/08 19:57	GY	4554749
2,4-Dichlorophenol	ND		5	1	07/04/08 19:57	GY	4554749
2,4-Dimethylphenol	ND		5	1	07/04/08 19:57	GY	4554749
2,4-Dinitrophenol	ND		25	1	07/04/08 19:57	GY	4554749
2,4-Dinitrotoluene	ND		5	1	07/04/08 19:57	GY	4554749
2,6-Dinitrotoluene	ND		5	1	07/04/08 19:57	GY	4554749
2-Chloronaphthalene	ND		5	1	07/04/08 19:57	GY	4554749
2-Chlorophenol	ND		5	1	07/04/08 19:57	GY	4554749
2-Methylnaphthalene	ND		5	1	07/04/08 19:57	GY	4554749
2-Nitroaniline	ND		25	1	07/04/08 19:57	GY	4554749
2-Nitrophenol	ND		5	1	07/04/08 19:57	GY	4554749
3,3'-Dichlorobenzidine	ND		10	1	07/04/08 19:57	GY	4554749
3-Nitroaniline	ND		25	1	07/04/08 19:57	GY	4554749
4,6-Dinitro-2-methylphenol	ND		25	1	07/04/08 19:57	GY	4554749
4-Bromophenyl phenyl ether	ND		5	1	07/04/08 19:57	GY	4554749
4-Chloro-3-methylphenol	ND		5	1	07/04/08 19:57	GY	4554749
4-Chloroaniline	ND		5	1	07/04/08 19:57	GY	4554749
4-Chlorophenyl phenyl ether	ND		5	1	07/04/08 19:57	GY	4554749
4-Nitroaniline	ND		25	1	07/04/08 19:57	GY	4554749
4-Nitrophenol	ND		25	1	07/04/08 19:57	GY	4554749
Acenaphthene	ND		5	1	07/04/08 19:57	GY	4554749
Acenaphthylene	ND		5	1	07/04/08 19:57	GY	4554749
Aniline	ND		5	1	07/04/08 19:57	GY	4554749
Anthracene	ND		5	1	07/04/08 19:57	GY	4554749
Benz(a)anthracene	ND		5	1	07/04/08 19:57	GY	4554749
Benzo(a)pyrene	ND		5	1	07/04/08 19:57	GY	4554749
Benzo(b)fluoranthene	ND		5	1	07/04/08 19:57	GY	4554749
Benzo(g,h,i)perylene	ND		5	1	07/04/08 19:57	GY	4554749
Benzo(k)fluoranthene	ND		5	1	07/04/08 19:57	GY	4554749
Benzoic acid	ND		25	1	07/04/08 19:57	GY	4554749
Benzyl alcohol	ND		5	1	07/04/08 19:57	GY	4554749
Bis(2-chloroethoxy)methane	ND		5	1	07/04/08 19:57	GY	4554749
Bis(2-chloroethyl)ether	ND		5	1	07/04/08 19:57	GY	4554749

Qualifiers:

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* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-5 **Collected:** 06/30/2008 9:20 **SPL Sample ID:** 08070017-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND		5	1	07/04/08 19:57	GY	4554749
Bis(2-ethylhexyl)phthalate	9		5	1	07/04/08 19:57	GY	4554749
Butyl benzyl phthalate	ND		5	1	07/04/08 19:57	GY	4554749
Carbazole	ND		5	1	07/04/08 19:57	GY	4554749
Chrysene	ND		5	1	07/04/08 19:57	GY	4554749
Dibenz(a,h)anthracene	ND		5	1	07/04/08 19:57	GY	4554749
Dibenzofuran	ND		5	1	07/04/08 19:57	GY	4554749
Diethyl phthalate	ND		5	1	07/04/08 19:57	GY	4554749
Dimethyl phthalate	ND		5	1	07/04/08 19:57	GY	4554749
Di-n-butyl phthalate	ND		5	1	07/04/08 19:57	GY	4554749
Di-n-octyl phthalate	ND		5	1	07/04/08 19:57	GY	4554749
Fluoranthene	ND		5	1	07/04/08 19:57	GY	4554749
Fluorene	ND		5	1	07/04/08 19:57	GY	4554749
Hexachlorobenzene	ND		5	1	07/04/08 19:57	GY	4554749
Hexachlorobutadiene	ND		5	1	07/04/08 19:57	GY	4554749
Hexachlorocyclopentadiene	ND		5	1	07/04/08 19:57	GY	4554749
Hexachloroethane	ND		5	1	07/04/08 19:57	GY	4554749
Indeno(1,2,3-cd)pyrene	ND		5	1	07/04/08 19:57	GY	4554749
Isophorone	ND		5	1	07/04/08 19:57	GY	4554749
Naphthalene	ND		5	1	07/04/08 19:57	GY	4554749
Nitrobenzene	ND		5	1	07/04/08 19:57	GY	4554749
N-Nitrosodi-n-propylamine	ND		5	1	07/04/08 19:57	GY	4554749
N-Nitrosodiphenylamine	ND		5	1	07/04/08 19:57	GY	4554749
Pentachlorophenol	ND		25	1	07/04/08 19:57	GY	4554749
Phenanthrene	ND		5	1	07/04/08 19:57	GY	4554749
Phenol	ND		5	1	07/04/08 19:57	GY	4554749
Pyrene	ND		5	1	07/04/08 19:57	GY	4554749
Pyridine	ND		5	1	07/04/08 19:57	GY	4554749
2-Methylphenol	ND		5	1	07/04/08 19:57	GY	4554749
3 & 4-Methylphenol	ND		5	1	07/04/08 19:57	GY	4554749
Surr: 2,4,6-Tribromophenol	76.0		% 10-123	1	07/04/08 19:57	GY	4554749
Surr: 2-Fluorobiphenyl	68.0		% 23-116	1	07/04/08 19:57	GY	4554749
Surr: 2-Fluorophenol	42.7		% 16-110	1	07/04/08 19:57	GY	4554749
Surr: Nitrobenzene-d5	68.0		% 21-114	1	07/04/08 19:57	GY	4554749
Surr: Phenol-d5	29.3		% 10-110	1	07/04/08 19:57	GY	4554749
Surr: Terphenyl-d14	72.0		% 22-141	1	07/04/08 19:57	GY	4554749

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/02/2008 11:59	N_M	1.00

Qualifiers:

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
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D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-5 **Collected:** 06/30/2008 9:20 **SPL Sample ID:** 08070017-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL DISSOLVED SOLIDS			**MCL**	**E160.1**	**Units: mg/L**		
Total Dissolved Solids (Residue,Filterable)	3020		20	2	07/02/08 17:00	KRD	4545884

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-5 **Collected:** 06/30/2008 9:20 **SPL Sample ID:** 08070017-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 22:37	LT	4554223
1,1,1-Trichloroethane	ND		5	1	07/08/08 22:37	LT	4554223
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 22:37	LT	4554223
1,1,2-Trichloroethane	ND		5	1	07/08/08 22:37	LT	4554223
1,1-Dichloroethane	ND		5	1	07/08/08 22:37	LT	4554223
1,1-Dichloroethene	ND		5	1	07/08/08 22:37	LT	4554223
1,1-Dichloropropene	ND		5	1	07/08/08 22:37	LT	4554223
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 22:37	LT	4554223
1,2,3-Trichloropropane	ND		5	1	07/08/08 22:37	LT	4554223
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 22:37	LT	4554223
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 22:37	LT	4554223
1,2-Dibromoethane	ND		5	1	07/08/08 22:37	LT	4554223
1,2-Dichlorobenzene	ND		5	1	07/08/08 22:37	LT	4554223
1,2-Dichloroethane	ND		5	1	07/08/08 22:37	LT	4554223
1,2-Dichloropropane	ND		5	1	07/08/08 22:37	LT	4554223
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
1,3-Dichlorobenzene	ND		5	1	07/08/08 22:37	LT	4554223
1,3-Dichloropropane	ND		5	1	07/08/08 22:37	LT	4554223
1,4-Dichlorobenzene	ND		5	1	07/08/08 22:37	LT	4554223
2,2-Dichloropropane	ND		5	1	07/08/08 22:37	LT	4554223
2-Butanone	ND		20	1	07/08/08 22:37	LT	4554223
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 22:37	LT	4554223
2-Chlorotoluene	ND		5	1	07/08/08 22:37	LT	4554223
2-Hexanone	ND		10	1	07/08/08 22:37	LT	4554223
4-Chlorotoluene	ND		5	1	07/08/08 22:37	LT	4554223
4-Isopropyltoluene	ND		5	1	07/08/08 22:37	LT	4554223
4-Methyl-2-pentanone	ND		10	1	07/08/08 22:37	LT	4554223
Acetone	ND		100	1	07/08/08 22:37	LT	4554223
Acrylonitrile	ND		50	1	07/08/08 22:37	LT	4554223
Benzene	ND		5	1	07/08/08 22:37	LT	4554223
Bromobenzene	ND		5	1	07/08/08 22:37	LT	4554223
Bromochloromethane	ND		5	1	07/08/08 22:37	LT	4554223
Bromodichloromethane	ND		5	1	07/08/08 22:37	LT	4554223
Bromoform	ND		5	1	07/08/08 22:37	LT	4554223
Bromomethane	ND		10	1	07/08/08 22:37	LT	4554223
Carbon disulfide	ND		5	1	07/08/08 22:37	LT	4554223
Carbon tetrachloride	ND		5	1	07/08/08 22:37	LT	4554223
Chlorobenzene	ND		5	1	07/08/08 22:37	LT	4554223

Qualifiers:

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TNTC - Too numerous to count
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-5 **Collected:** 06/30/2008 9:20 **SPL Sample ID:** 08070017-01

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/08/08 22:37	LT	4554223
Chloroform	ND		5	1	07/08/08 22:37	LT	4554223
Chloromethane	ND		10	1	07/08/08 22:37	LT	4554223
Dibromochloromethane	ND		5	1	07/08/08 22:37	LT	4554223
Dibromomethane	ND		5	1	07/08/08 22:37	LT	4554223
Dichlorodifluoromethane	ND		10	1	07/08/08 22:37	LT	4554223
Ethylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
Hexachlorobutadiene	ND		5	1	07/08/08 22:37	LT	4554223
Isopropylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
Methyl tert-butyl ether	ND		5	1	07/08/08 22:37	LT	4554223
Methylene chloride	ND		5	1	07/08/08 22:37	LT	4554223
Naphthalene	ND		5	1	07/08/08 22:37	LT	4554223
n-Butylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
n-Propylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
sec-Butylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
Styrene	ND		5	1	07/08/08 22:37	LT	4554223
tert-Butylbenzene	ND		5	1	07/08/08 22:37	LT	4554223
Tetrachloroethene	ND		5	1	07/08/08 22:37	LT	4554223
Toluene	ND		5	1	07/08/08 22:37	LT	4554223
Trichloroethene	ND		5	1	07/08/08 22:37	LT	4554223
Trichlorofluoromethane	ND		5	1	07/08/08 22:37	LT	4554223
Vinyl acetate	ND		10	1	07/08/08 22:37	LT	4554223
Vinyl chloride	ND		10	1	07/08/08 22:37	LT	4554223
cis-1,2-Dichloroethene	ND		5	1	07/08/08 22:37	LT	4554223
cis-1,3-Dichloropropene	ND		5	1	07/08/08 22:37	LT	4554223
m,p-Xylene	ND		5	1	07/08/08 22:37	LT	4554223
o-Xylene	ND		5	1	07/08/08 22:37	LT	4554223
trans-1,2-Dichloroethene	ND		5	1	07/08/08 22:37	LT	4554223
trans-1,3-Dichloropropene	ND		5	1	07/08/08 22:37	LT	4554223
1,2-Dichloroethene (total)	ND		5	1	07/08/08 22:37	LT	4554223
Xylenes,Total	ND		5	1	07/08/08 22:37	LT	4554223
Surr: 1,2-Dichloroethane-d4	100		% 62-130	1	07/08/08 22:37	LT	4554223
Surr: 4-Bromofluorobenzene	94.0		% 70-130	1	07/08/08 22:37	LT	4554223
Surr: Toluene-d8	110		% 74-122	1	07/08/08 22:37	LT	4554223

Qualifiers:

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-1 **Collected:** 06/30/2008 10:15 **SPL Sample ID:** 08070017-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	998		2	1	07/08/08 9:30	PAC	4553243
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	566		25	50	07/02/08 4:58	A_E	4540342
Sulfate	2010		100	200	07/02/08 0:52	A_E	4540328
Nitrogen,Nitrate (As N)	ND		0.5	1	07/01/08 16:02	A_E	4540218
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/09/08 16:34	CMC	4556979

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/08/2008 20:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	228		0.1	1	07/20/08 20:48	EG	4579389
Iron	1.92		0.02	1	07/20/08 20:48	EG	4579389
Magnesium	63.7		0.1	1	07/20/08 20:48	EG	4579389
Sodium	1210		2.5	5	07/20/08 21:22	EG	4586213

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	ND		0.005	1	07/14/08 20:24	AL_H	4566166
Barium	0.0478		0.005	1	07/14/08 20:24	AL_H	4566166
Cadmium	ND		0.005	1	07/14/08 20:24	AL_H	4566166
Chromium	ND		0.005	1	07/14/08 20:24	AL_H	4566166
Lead	ND		0.005	1	07/14/08 20:24	AL_H	4566166
Manganese	3.97		0.005	1	07/14/08 20:24	AL_H	4566166
Selenium	ND		0.005	1	07/14/08 20:24	AL_H	4566166
Silver	ND		0.005	1	07/14/08 20:24	AL_H	4566166

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	6.78		0.1	1	07/02/08 10:15	PAC	4540188

Qualifiers:

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E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-1 **Collected:** 06/30/2008 10:15 **SPL Sample ID:** 08070017-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/04/08 20:28	GY	4554750
1,2-Dichlorobenzene	ND		5	1	07/04/08 20:28	GY	4554750
1,2-Diphenylhydrazine	ND		10	1	07/04/08 20:28	GY	4554750
1,3-Dichlorobenzene	ND		5	1	07/04/08 20:28	GY	4554750
1,4-Dichlorobenzene	ND		5	1	07/04/08 20:28	GY	4554750
2,4,5-Trichlorophenol	ND		10	1	07/04/08 20:28	GY	4554750
2,4,6-Trichlorophenol	ND		5	1	07/04/08 20:28	GY	4554750
2,4-Dichlorophenol	ND		5	1	07/04/08 20:28	GY	4554750
2,4-Dimethylphenol	ND		5	1	07/04/08 20:28	GY	4554750
2,4-Dinitrophenol	ND		25	1	07/04/08 20:28	GY	4554750
2,4-Dinitrotoluene	ND		5	1	07/04/08 20:28	GY	4554750
2,6-Dinitrotoluene	ND		5	1	07/04/08 20:28	GY	4554750
2-Chloronaphthalene	ND		5	1	07/04/08 20:28	GY	4554750
2-Chlorophenol	ND		5	1	07/04/08 20:28	GY	4554750
2-Methylnaphthalene	ND		5	1	07/04/08 20:28	GY	4554750
2-Nitroaniline	ND		25	1	07/04/08 20:28	GY	4554750
2-Nitrophenol	ND		5	1	07/04/08 20:28	GY	4554750
3,3'-Dichlorobenzidine	ND		10	1	07/04/08 20:28	GY	4554750
3-Nitroaniline	ND		25	1	07/04/08 20:28	GY	4554750
4,6-Dinitro-2-methylphenol	ND		25	1	07/04/08 20:28	GY	4554750
4-Bromophenyl phenyl ether	ND		5	1	07/04/08 20:28	GY	4554750
4-Chloro-3-methylphenol	ND		5	1	07/04/08 20:28	GY	4554750
4-Chloroaniline	ND		5	1	07/04/08 20:28	GY	4554750
4-Chlorophenyl phenyl ether	ND		5	1	07/04/08 20:28	GY	4554750
4-Nitroaniline	ND		25	1	07/04/08 20:28	GY	4554750
4-Nitrophenol	ND		25	1	07/04/08 20:28	GY	4554750
Acenaphthene	ND		5	1	07/04/08 20:28	GY	4554750
Acenaphthylene	ND		5	1	07/04/08 20:28	GY	4554750
Aniline	ND		5	1	07/04/08 20:28	GY	4554750
Anthracene	ND		5	1	07/04/08 20:28	GY	4554750
Benz(a)anthracene	ND		5	1	07/04/08 20:28	GY	4554750
Benzo(a)pyrene	ND		5	1	07/04/08 20:28	GY	4554750
Benzo(b)fluoranthene	ND		5	1	07/04/08 20:28	GY	4554750
Benzo(g,h,i)perylene	ND		5	1	07/04/08 20:28	GY	4554750
Benzo(k)fluoranthene	ND		5	1	07/04/08 20:28	GY	4554750
Benzoic acid	ND		25	1	07/04/08 20:28	GY	4554750
Benzyl alcohol	ND		5	1	07/04/08 20:28	GY	4554750
Bis(2-chloroethoxy)methane	ND		5	1	07/04/08 20:28	GY	4554750
Bis(2-chloroethyl)ether	ND		5	1	07/04/08 20:28	GY	4554750

Qualifiers:

ND/U - Not Detected at the Reporting Limit
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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-1 **Collected:** 06/30/2008 10:15 **SPL Sample ID:** 08070017-02

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND			5	1	07/04/08 20:28	GY	4554750
Bis(2-ethylhexyl)phthalate	ND			5	1	07/04/08 20:28	GY	4554750
Butyl benzyl phthalate	ND			5	1	07/04/08 20:28	GY	4554750
Carbazole	ND			5	1	07/04/08 20:28	GY	4554750
Chrysene	ND			5	1	07/04/08 20:28	GY	4554750
Dibenz(a,h)anthracene	ND			5	1	07/04/08 20:28	GY	4554750
Dibenzofuran	ND			5	1	07/04/08 20:28	GY	4554750
Diethyl phthalate	ND			5	1	07/04/08 20:28	GY	4554750
Dimethyl phthalate	ND			5	1	07/04/08 20:28	GY	4554750
Di-n-butyl phthalate	ND			5	1	07/04/08 20:28	GY	4554750
Di-n-octyl phthalate	ND			5	1	07/04/08 20:28	GY	4554750
Fluoranthene	ND			5	1	07/04/08 20:28	GY	4554750
Fluorene	ND			5	1	07/04/08 20:28	GY	4554750
Hexachlorobenzene	ND			5	1	07/04/08 20:28	GY	4554750
Hexachlorobutadiene	ND			5	1	07/04/08 20:28	GY	4554750
Hexachlorocyclopentadiene	ND			5	1	07/04/08 20:28	GY	4554750
Hexachloroethane	ND			5	1	07/04/08 20:28	GY	4554750
Indeno(1,2,3-cd)pyrene	ND			5	1	07/04/08 20:28	GY	4554750
Isophorone	ND			5	1	07/04/08 20:28	GY	4554750
Naphthalene	ND			5	1	07/04/08 20:28	GY	4554750
Nitrobenzene	ND			5	1	07/04/08 20:28	GY	4554750
N-Nitrosodi-n-propylamine	ND			5	1	07/04/08 20:28	GY	4554750
N-Nitrosodiphenylamine	ND			5	1	07/04/08 20:28	GY	4554750
Pentachlorophenol	ND			25	1	07/04/08 20:28	GY	4554750
Phenanthrene	ND			5	1	07/04/08 20:28	GY	4554750
Phenol	ND			5	1	07/04/08 20:28	GY	4554750
Pyrene	ND			5	1	07/04/08 20:28	GY	4554750
Pyridine	ND			5	1	07/04/08 20:28	GY	4554750
2-Methylphenol	ND			5	1	07/04/08 20:28	GY	4554750
3 & 4-Methylphenol	ND			5	1	07/04/08 20:28	GY	4554750
Surr: 2,4,6-Tribromophenol	78.7		%	10-123	1	07/04/08 20:28	GY	4554750
Surr: 2-Fluorobiphenyl	60.0		%	23-116	1	07/04/08 20:28	GY	4554750
Surr: 2-Fluorophenol	38.7		%	16-110	1	07/04/08 20:28	GY	4554750
Surr: Nitrobenzene-d5	58.0		%	21-114	1	07/04/08 20:28	GY	4554750
Surr: Phenol-d5	29.3		%	10-110	1	07/04/08 20:28	GY	4554750
Surr: Terphenyl-d14	76.0		%	22-141	1	07/04/08 20:28	GY	4554750

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/02/2008 11:59	N_M	1.00

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TNTC - Too numerous to count
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-1 **Collected:** 06/30/2008 10:15 **SPL Sample ID:** 08070017-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL DISSOLVED SOLIDS				**MCL**	**E160.1**	**Units: mg/L**	
Total Dissolved Solids (Residue,Filterable)	4640		40	4	07/02/08 17:00	KRD	4545886

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-1 **Collected:** 06/30/2008 10:15 **SPL Sample ID:** 08070017-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/08/08 23:55	LT	4554226
1,1,1-Trichloroethane	ND		5	1	07/08/08 23:55	LT	4554226
1,1,2,2-Tetrachloroethane	ND		5	1	07/08/08 23:55	LT	4554226
1,1,2-Trichloroethane	ND		5	1	07/08/08 23:55	LT	4554226
1,1-Dichloroethane	ND		5	1	07/08/08 23:55	LT	4554226
1,1-Dichloroethene	ND		5	1	07/08/08 23:55	LT	4554226
1,1-Dichloropropene	ND		5	1	07/08/08 23:55	LT	4554226
1,2,3-Trichlorobenzene	ND		5	1	07/08/08 23:55	LT	4554226
1,2,3-Trichloropropane	ND		5	1	07/08/08 23:55	LT	4554226
1,2,4-Trichlorobenzene	ND		5	1	07/08/08 23:55	LT	4554226
1,2,4-Trimethylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
1,2-Dibromo-3-chloropropane	ND		5	1	07/08/08 23:55	LT	4554226
1,2-Dibromoethane	ND		5	1	07/08/08 23:55	LT	4554226
1,2-Dichlorobenzene	ND		5	1	07/08/08 23:55	LT	4554226
1,2-Dichloroethane	ND		5	1	07/08/08 23:55	LT	4554226
1,2-Dichloropropane	ND		5	1	07/08/08 23:55	LT	4554226
1,3,5-Trimethylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
1,3-Dichlorobenzene	ND		5	1	07/08/08 23:55	LT	4554226
1,3-Dichloropropane	ND		5	1	07/08/08 23:55	LT	4554226
1,4-Dichlorobenzene	ND		5	1	07/08/08 23:55	LT	4554226
2,2-Dichloropropane	ND		5	1	07/08/08 23:55	LT	4554226
2-Butanone	ND		20	1	07/08/08 23:55	LT	4554226
2-Chloroethyl vinyl ether	ND		10	1	07/08/08 23:55	LT	4554226
2-Chlorotoluene	ND		5	1	07/08/08 23:55	LT	4554226
2-Hexanone	ND		10	1	07/08/08 23:55	LT	4554226
4-Chlorotoluene	ND		5	1	07/08/08 23:55	LT	4554226
4-Isopropyltoluene	ND		5	1	07/08/08 23:55	LT	4554226
4-Methyl-2-pentanone	ND		10	1	07/08/08 23:55	LT	4554226
Acetone	ND		100	1	07/08/08 23:55	LT	4554226
Acrylonitrile	ND		50	1	07/08/08 23:55	LT	4554226
Benzene	ND		5	1	07/08/08 23:55	LT	4554226
Bromobenzene	ND		5	1	07/08/08 23:55	LT	4554226
Bromochloromethane	ND		5	1	07/08/08 23:55	LT	4554226
Bromodichloromethane	ND		5	1	07/08/08 23:55	LT	4554226
Bromoform	ND		5	1	07/08/08 23:55	LT	4554226
Bromomethane	ND		10	1	07/08/08 23:55	LT	4554226
Carbon disulfide	ND		5	1	07/08/08 23:55	LT	4554226
Carbon tetrachloride	ND		5	1	07/08/08 23:55	LT	4554226
Chlorobenzene	ND		5	1	07/08/08 23:55	LT	4554226

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-1 **Collected:** 06/30/2008 10:15 **SPL Sample ID:** 08070017-02

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/08/08 23:55	LT	4554226
Chloroform	ND		5	1	07/08/08 23:55	LT	4554226
Chloromethane	ND		10	1	07/08/08 23:55	LT	4554226
Dibromochloromethane	ND		5	1	07/08/08 23:55	LT	4554226
Dibromomethane	ND		5	1	07/08/08 23:55	LT	4554226
Dichlorodifluoromethane	ND		10	1	07/08/08 23:55	LT	4554226
Ethylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
Hexachlorobutadiene	ND		5	1	07/08/08 23:55	LT	4554226
Isopropylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
Methyl tert-butyl ether	ND		5	1	07/08/08 23:55	LT	4554226
Methylene chloride	ND		5	1	07/08/08 23:55	LT	4554226
Naphthalene	ND		5	1	07/08/08 23:55	LT	4554226
n-Butylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
n-Propylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
sec-Butylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
Styrene	ND		5	1	07/08/08 23:55	LT	4554226
tert-Butylbenzene	ND		5	1	07/08/08 23:55	LT	4554226
Tetrachloroethene	ND		5	1	07/08/08 23:55	LT	4554226
Toluene	ND		5	1	07/08/08 23:55	LT	4554226
Trichloroethene	ND		5	1	07/08/08 23:55	LT	4554226
Trichlorofluoromethane	ND		5	1	07/08/08 23:55	LT	4554226
Vinyl acetate	ND		10	1	07/08/08 23:55	LT	4554226
Vinyl chloride	ND		10	1	07/08/08 23:55	LT	4554226
cis-1,2-Dichloroethene	ND		5	1	07/08/08 23:55	LT	4554226
cis-1,3-Dichloropropene	ND		5	1	07/08/08 23:55	LT	4554226
m,p-Xylene	ND		5	1	07/08/08 23:55	LT	4554226
o-Xylene	ND		5	1	07/08/08 23:55	LT	4554226
trans-1,2-Dichloroethene	ND		5	1	07/08/08 23:55	LT	4554226
trans-1,3-Dichloropropene	ND		5	1	07/08/08 23:55	LT	4554226
1,2-Dichloroethene (total)	ND		5	1	07/08/08 23:55	LT	4554226
Xylenes,Total	ND		5	1	07/08/08 23:55	LT	4554226
Surr: 1,2-Dichloroethane-d4	102		% 62-130	1	07/08/08 23:55	LT	4554226
Surr: 4-Bromofluorobenzene	92.0		% 70-130	1	07/08/08 23:55	LT	4554226
Surr: Toluene-d8	104		% 74-122	1	07/08/08 23:55	LT	4554226

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-4 **Collected:** 06/30/2008 11:00 **SPL Sample ID:** 08070017-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	672		2	1	07/08/08 9:30	PAC	4553245
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	186		10	20	07/02/08 5:15	A_E	4540343
Sulfate	240		10	20	07/02/08 1:08	A_E	4540329
Nitrogen,Nitrate (As N)	ND		0.5	1	07/01/08 16:19	A_E	4540219
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/09/08 16:37	CMC	4556980

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/08/2008 20:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	12.1		0.1	1	07/20/08 20:52	EG	4579392
Iron	0.963		0.02	1	07/20/08 20:52	EG	4579392
Magnesium	12.8		0.1	1	07/20/08 20:52	EG	4579392
Sodium	526		2.5	5	07/20/08 21:26	EG	4579400

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	ND		0.005	1	07/14/08 20:30	AL_H	4566167
Barium	0.0463		0.005	1	07/14/08 20:30	AL_H	4566167
Cadmium	ND		0.005	1	07/14/08 20:30	AL_H	4566167
Chromium	ND		0.005	1	07/14/08 20:30	AL_H	4566167
Lead	ND		0.005	1	07/14/08 20:30	AL_H	4566167
Manganese	0.248		0.005	1	07/14/08 20:30	AL_H	4566167
Selenium	ND		0.005	1	07/14/08 20:30	AL_H	4566167
Silver	ND		0.005	1	07/14/08 20:30	AL_H	4566167

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.54		0.1	1	07/02/08 10:15	PAC	4540189

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-4 **Collected:** 06/30/2008 11:00 **SPL Sample ID:** 08070017-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/04/08 20:58	GY	4554751
1,2-Dichlorobenzene	ND		5	1	07/04/08 20:58	GY	4554751
1,2-Diphenylhydrazine	ND		10	1	07/04/08 20:58	GY	4554751
1,3-Dichlorobenzene	ND		5	1	07/04/08 20:58	GY	4554751
1,4-Dichlorobenzene	ND		5	1	07/04/08 20:58	GY	4554751
2,4,5-Trichlorophenol	ND		10	1	07/04/08 20:58	GY	4554751
2,4,6-Trichlorophenol	ND		5	1	07/04/08 20:58	GY	4554751
2,4-Dichlorophenol	ND		5	1	07/04/08 20:58	GY	4554751
2,4-Dimethylphenol	ND		5	1	07/04/08 20:58	GY	4554751
2,4-Dinitrophenol	ND		25	1	07/04/08 20:58	GY	4554751
2,4-Dinitrotoluene	ND		5	1	07/04/08 20:58	GY	4554751
2,6-Dinitrotoluene	ND		5	1	07/04/08 20:58	GY	4554751
2-Chloronaphthalene	ND		5	1	07/04/08 20:58	GY	4554751
2-Chlorophenol	ND		5	1	07/04/08 20:58	GY	4554751
2-Methylnaphthalene	ND		5	1	07/04/08 20:58	GY	4554751
2-Nitroaniline	ND		25	1	07/04/08 20:58	GY	4554751
2-Nitrophenol	ND		5	1	07/04/08 20:58	GY	4554751
3,3'-Dichlorobenzidine	ND		10	1	07/04/08 20:58	GY	4554751
3-Nitroaniline	ND		25	1	07/04/08 20:58	GY	4554751
4,6-Dinitro-2-methylphenol	ND		25	1	07/04/08 20:58	GY	4554751
4-Bromophenyl phenyl ether	ND		5	1	07/04/08 20:58	GY	4554751
4-Chloro-3-methylphenol	ND		5	1	07/04/08 20:58	GY	4554751
4-Chloroaniline	ND		5	1	07/04/08 20:58	GY	4554751
4-Chlorophenyl phenyl ether	ND		5	1	07/04/08 20:58	GY	4554751
4-Nitroaniline	ND		25	1	07/04/08 20:58	GY	4554751
4-Nitrophenol	ND		25	1	07/04/08 20:58	GY	4554751
Acenaphthene	ND		5	1	07/04/08 20:58	GY	4554751
Acenaphthylene	ND		5	1	07/04/08 20:58	GY	4554751
Aniline	ND		5	1	07/04/08 20:58	GY	4554751
Anthracene	ND		5	1	07/04/08 20:58	GY	4554751
Benz(a)anthracene	ND		5	1	07/04/08 20:58	GY	4554751
Benzo(a)pyrene	ND		5	1	07/04/08 20:58	GY	4554751
Benzo(b)fluoranthene	ND		5	1	07/04/08 20:58	GY	4554751
Benzo(g,h,i)perylene	ND		5	1	07/04/08 20:58	GY	4554751
Benzo(k)fluoranthene	ND		5	1	07/04/08 20:58	GY	4554751
Benzoic acid	ND		25	1	07/04/08 20:58	GY	4554751
Benzyl alcohol	ND		5	1	07/04/08 20:58	GY	4554751
Bis(2-chloroethoxy)methane	ND		5	1	07/04/08 20:58	GY	4554751
Bis(2-chloroethyl)ether	ND		5	1	07/04/08 20:58	GY	4554751

Qualifiers:

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID WMW-4 **Collected:** 06/30/2008 11:00 **SPL Sample ID:** 08070017-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND		5	1	07/04/08 20:58	GY	4554751
Bis(2-ethylhexyl)phthalate	ND		5	1	07/04/08 20:58	GY	4554751
Butyl benzyl phthalate	ND		5	1	07/04/08 20:58	GY	4554751
Carbazole	ND		5	1	07/04/08 20:58	GY	4554751
Chrysene	ND		5	1	07/04/08 20:58	GY	4554751
Dibenz(a,h)anthracene	ND		5	1	07/04/08 20:58	GY	4554751
Dibenzofuran	ND		5	1	07/04/08 20:58	GY	4554751
Diethyl phthalate	ND		5	1	07/04/08 20:58	GY	4554751
Dimethyl phthalate	ND		5	1	07/04/08 20:58	GY	4554751
Di-n-butyl phthalate	ND		5	1	07/04/08 20:58	GY	4554751
Di-n-octyl phthalate	ND		5	1	07/04/08 20:58	GY	4554751
Fluoranthene	ND		5	1	07/04/08 20:58	GY	4554751
Fluorene	ND		5	1	07/04/08 20:58	GY	4554751
Hexachlorobenzene	ND		5	1	07/04/08 20:58	GY	4554751
Hexachlorobutadiene	ND		5	1	07/04/08 20:58	GY	4554751
Hexachlorocyclopentadiene	ND		5	1	07/04/08 20:58	GY	4554751
Hexachloroethane	ND		5	1	07/04/08 20:58	GY	4554751
Indeno(1,2,3-cd)pyrene	ND		5	1	07/04/08 20:58	GY	4554751
Isophorone	ND		5	1	07/04/08 20:58	GY	4554751
Naphthalene	ND		5	1	07/04/08 20:58	GY	4554751
Nitrobenzene	ND		5	1	07/04/08 20:58	GY	4554751
N-Nitrosodi-n-propylamine	ND		5	1	07/04/08 20:58	GY	4554751
N-Nitrosodiphenylamine	ND		5	1	07/04/08 20:58	GY	4554751
Pentachlorophenol	ND		25	1	07/04/08 20:58	GY	4554751
Phenanthrene	ND		5	1	07/04/08 20:58	GY	4554751
Phenol	ND		5	1	07/04/08 20:58	GY	4554751
Pyrene	ND		5	1	07/04/08 20:58	GY	4554751
Pyridine	ND		5	1	07/04/08 20:58	GY	4554751
2-Methylphenol	ND		5	1	07/04/08 20:58	GY	4554751
3 & 4-Methylphenol	ND		5	1	07/04/08 20:58	GY	4554751
Surr: 2,4,6-Tribromophenol	69.3		% 10-123	1	07/04/08 20:58	GY	4554751
Surr: 2-Fluorobiphenyl	52.0		% 23-116	1	07/04/08 20:58	GY	4554751
Surr: 2-Fluorophenol	33.3		% 16-110	1	07/04/08 20:58	GY	4554751
Surr: Nitrobenzene-d5	52.0		% 21-114	1	07/04/08 20:58	GY	4554751
Surr: Phenol-d5	25.3		% 10-110	1	07/04/08 20:58	GY	4554751
Surr: Terphenyl-d14	72.0		% 22-141	1	07/04/08 20:58	GY	4554751

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/02/2008 11:59	N_M	1.00

Qualifiers:

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-4 **Collected:** 06/30/2008 11:00 **SPL Sample ID:** 08070017-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL DISSOLVED SOLIDS			**MCL**	**E160.1**	**Units: mg/L**		
Total Dissolved Solids (Residue,Filterable)	1460		10	1	07/02/08 17:00	KRD	4545887

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-4 **Collected:** 06/30/2008 11:00 **SPL Sample ID:** 08070017-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/09/08 0:21	LT	4554227
1,1,1-Trichloroethane	ND		5	1	07/09/08 0:21	LT	4554227
1,1,2,2-Tetrachloroethane	ND		5	1	07/09/08 0:21	LT	4554227
1,1,2-Trichloroethane	ND		5	1	07/09/08 0:21	LT	4554227
1,1-Dichloroethane	ND		5	1	07/09/08 0:21	LT	4554227
1,1-Dichloroethene	ND		5	1	07/09/08 0:21	LT	4554227
1,1-Dichloropropene	ND		5	1	07/09/08 0:21	LT	4554227
1,2,3-Trichlorobenzene	ND		5	1	07/09/08 0:21	LT	4554227
1,2,3-Trichloropropane	ND		5	1	07/09/08 0:21	LT	4554227
1,2,4-Trichlorobenzene	ND		5	1	07/09/08 0:21	LT	4554227
1,2,4-Trimethylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
1,2-Dibromo-3-chloropropane	ND		5	1	07/09/08 0:21	LT	4554227
1,2-Dibromoethane	ND		5	1	07/09/08 0:21	LT	4554227
1,2-Dichlorobenzene	ND		5	1	07/09/08 0:21	LT	4554227
1,2-Dichloroethane	ND		5	1	07/09/08 0:21	LT	4554227
1,2-Dichloropropane	ND		5	1	07/09/08 0:21	LT	4554227
1,3,5-Trimethylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
1,3-Dichlorobenzene	ND		5	1	07/09/08 0:21	LT	4554227
1,3-Dichloropropane	ND		5	1	07/09/08 0:21	LT	4554227
1,4-Dichlorobenzene	ND		5	1	07/09/08 0:21	LT	4554227
2,2-Dichloropropane	ND		5	1	07/09/08 0:21	LT	4554227
2-Butanone	ND		20	1	07/09/08 0:21	LT	4554227
2-Chloroethyl vinyl ether	ND		10	1	07/09/08 0:21	LT	4554227
2-Chlorotoluene	ND		5	1	07/09/08 0:21	LT	4554227
2-Hexanone	ND		10	1	07/09/08 0:21	LT	4554227
4-Chlorotoluene	ND		5	1	07/09/08 0:21	LT	4554227
4-Isopropyltoluene	ND		5	1	07/09/08 0:21	LT	4554227
4-Methyl-2-pentanone	ND		10	1	07/09/08 0:21	LT	4554227
Acetone	ND		100	1	07/09/08 0:21	LT	4554227
Acrylonitrile	ND		50	1	07/09/08 0:21	LT	4554227
Benzene	ND		5	1	07/09/08 0:21	LT	4554227
Bromobenzene	ND		5	1	07/09/08 0:21	LT	4554227
Bromochloromethane	ND		5	1	07/09/08 0:21	LT	4554227
Bromodichloromethane	ND		5	1	07/09/08 0:21	LT	4554227
Bromoform	ND		5	1	07/09/08 0:21	LT	4554227
Bromomethane	ND		10	1	07/09/08 0:21	LT	4554227
Carbon disulfide	ND		5	1	07/09/08 0:21	LT	4554227
Carbon tetrachloride	ND		5	1	07/09/08 0:21	LT	4554227
Chlorobenzene	ND		5	1	07/09/08 0:21	LT	4554227

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-4 **Collected:** 06/30/2008 11:00 **SPL Sample ID:** 08070017-03

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1	07/09/08 0:21	LT	4554227
Chloroform	ND		5	1	07/09/08 0:21	LT	4554227
Chloromethane	ND		10	1	07/09/08 0:21	LT	4554227
Dibromochloromethane	ND		5	1	07/09/08 0:21	LT	4554227
Dibromomethane	ND		5	1	07/09/08 0:21	LT	4554227
Dichlorodifluoromethane	ND		10	1	07/09/08 0:21	LT	4554227
Ethylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
Hexachlorobutadiene	ND		5	1	07/09/08 0:21	LT	4554227
Isopropylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
Methyl tert-butyl ether	ND		5	1	07/09/08 0:21	LT	4554227
Methylene chloride	ND		5	1	07/09/08 0:21	LT	4554227
Naphthalene	ND		5	1	07/09/08 0:21	LT	4554227
n-Butylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
n-Propylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
sec-Butylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
Styrene	ND		5	1	07/09/08 0:21	LT	4554227
tert-Butylbenzene	ND		5	1	07/09/08 0:21	LT	4554227
Tetrachloroethene	ND		5	1	07/09/08 0:21	LT	4554227
Toluene	ND		5	1	07/09/08 0:21	LT	4554227
Trichloroethene	ND		5	1	07/09/08 0:21	LT	4554227
Trichlorofluoromethane	ND		5	1	07/09/08 0:21	LT	4554227
Vinyl acetate	ND		10	1	07/09/08 0:21	LT	4554227
Vinyl chloride	ND		10	1	07/09/08 0:21	LT	4554227
cis-1,2-Dichloroethene	ND		5	1	07/09/08 0:21	LT	4554227
cis-1,3-Dichloropropene	ND		5	1	07/09/08 0:21	LT	4554227
m,p-Xylene	ND		5	1	07/09/08 0:21	LT	4554227
o-Xylene	ND		5	1	07/09/08 0:21	LT	4554227
trans-1,2-Dichloroethene	ND		5	1	07/09/08 0:21	LT	4554227
trans-1,3-Dichloropropene	ND		5	1	07/09/08 0:21	LT	4554227
1,2-Dichloroethene (total)	ND		5	1	07/09/08 0:21	LT	4554227
Xylenes,Total	ND		5	1	07/09/08 0:21	LT	4554227
Surr: 1,2-Dichloroethane-d4	92.0		% 62-130	1	07/09/08 0:21	LT	4554227
Surr: 4-Bromofluorobenzene	92.0		% 70-130	1	07/09/08 0:21	LT	4554227
Surr: Toluene-d8	110		% 74-122	1	07/09/08 0:21	LT	4554227

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-7 **Collected:** 06/30/2008 13:00 **SPL Sample ID:** 08070017-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ALKALINITY (AS CACO3), TOTAL				**MCL**	**E310.1**	**Units: mg/L**	
Alkalinity, Total (As CaCO3)	514		2	1	07/08/08 9:30	PAC	4553246
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	92.4		5	10	07/02/08 5:31	A_E	4540344
Sulfate	224		25	50	07/02/08 22:21	A_E	4543646
Nitrogen,Nitrate (As N)	ND		0.5	1	07/01/08 16:35	A_E	4540220
MERCURY, TOTAL				**MCL**	**SW7470A**	**Units: mg/L**	
Mercury	ND		0.0002	1	07/09/08 16:39	CMC	4556981

Prep Method	Prep Date	Prep Initials	Prep Factor
SW7470A	07/08/2008 20:30	CMC	1.00

METALS BY METHOD 6010B, TOTAL				**MCL**	**SW6010B**	**Units: mg/L**	
Calcium	50.5		0.1	1	07/20/08 20:57	EG	4579394
Iron	15.3		0.02	1	07/20/08 20:57	EG	4579394
Magnesium	24.9		0.1	1	07/20/08 20:57	EG	4579394
Sodium	478		0.5	1	07/20/08 20:57	EG	4579394

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

METALS BY METHOD 6020, TOTAL				**MCL**	**SW6020A**	**Units: mg/L**	
Arsenic	ND		0.005	1	07/14/08 20:37	AL_H	4566168
Barium	0.198		0.005	1	07/14/08 20:37	AL_H	4566168
Cadmium	ND		0.005	1	07/14/08 20:37	AL_H	4566168
Chromium	0.0137		0.005	1	07/14/08 20:37	AL_H	4566168
Lead	0.00946		0.005	1	07/14/08 20:37	AL_H	4566168
Manganese	0.511		0.005	1	07/14/08 20:37	AL_H	4566168
Selenium	ND		0.005	1	07/14/08 20:37	AL_H	4566168
Silver	ND		0.005	1	07/14/08 20:37	AL_H	4566168

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3010A	07/06/2008 12:10	DDW	1.00

PH				**MCL**	**SM4500-H B**	**Units: pH Units**	
pH	7.34		0.1	1	07/02/08 10:15	PAC	4540190

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-7 **Collected:** 06/30/2008 13:00 **SPL Sample ID:** 08070017-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND		5	1	07/04/08 21:28	GY	4554752
1,2-Dichlorobenzene	ND		5	1	07/04/08 21:28	GY	4554752
1,2-Diphenylhydrazine	ND		10	1	07/04/08 21:28	GY	4554752
1,3-Dichlorobenzene	ND		5	1	07/04/08 21:28	GY	4554752
1,4-Dichlorobenzene	ND		5	1	07/04/08 21:28	GY	4554752
2,4,5-Trichlorophenol	ND		10	1	07/04/08 21:28	GY	4554752
2,4,6-Trichlorophenol	ND		5	1	07/04/08 21:28	GY	4554752
2,4-Dichlorophenol	ND		5	1	07/04/08 21:28	GY	4554752
2,4-Dimethylphenol	ND		5	1	07/04/08 21:28	GY	4554752
2,4-Dinitrophenol	ND		25	1	07/04/08 21:28	GY	4554752
2,4-Dinitrotoluene	ND		5	1	07/04/08 21:28	GY	4554752
2,6-Dinitrotoluene	ND		5	1	07/04/08 21:28	GY	4554752
2-Chloronaphthalene	ND		5	1	07/04/08 21:28	GY	4554752
2-Chlorophenol	ND		5	1	07/04/08 21:28	GY	4554752
2-Methylnaphthalene	ND		5	1	07/04/08 21:28	GY	4554752
2-Nitroaniline	ND		25	1	07/04/08 21:28	GY	4554752
2-Nitrophenol	ND		5	1	07/04/08 21:28	GY	4554752
3,3'-Dichlorobenzidine	ND		10	1	07/04/08 21:28	GY	4554752
3-Nitroaniline	ND		25	1	07/04/08 21:28	GY	4554752
4,6-Dinitro-2-methylphenol	ND		25	1	07/04/08 21:28	GY	4554752
4-Bromophenyl phenyl ether	ND		5	1	07/04/08 21:28	GY	4554752
4-Chloro-3-methylphenol	ND		5	1	07/04/08 21:28	GY	4554752
4-Chloroaniline	ND		5	1	07/04/08 21:28	GY	4554752
4-Chlorophenyl phenyl ether	ND		5	1	07/04/08 21:28	GY	4554752
4-Nitroaniline	ND		25	1	07/04/08 21:28	GY	4554752
4-Nitrophenol	ND		25	1	07/04/08 21:28	GY	4554752
Acenaphthene	ND		5	1	07/04/08 21:28	GY	4554752
Acenaphthylene	ND		5	1	07/04/08 21:28	GY	4554752
Aniline	ND		5	1	07/04/08 21:28	GY	4554752
Anthracene	ND		5	1	07/04/08 21:28	GY	4554752
Benz(a)anthracene	ND		5	1	07/04/08 21:28	GY	4554752
Benzo(a)pyrene	ND		5	1	07/04/08 21:28	GY	4554752
Benzo(b)fluoranthene	ND		5	1	07/04/08 21:28	GY	4554752
Benzo(g,h,i)perylene	ND		5	1	07/04/08 21:28	GY	4554752
Benzo(k)fluoranthene	ND		5	1	07/04/08 21:28	GY	4554752
Benzoic acid	ND		25	1	07/04/08 21:28	GY	4554752
Benzyl alcohol	ND		5	1	07/04/08 21:28	GY	4554752
Bis(2-chloroethoxy)methane	ND		5	1	07/04/08 21:28	GY	4554752
Bis(2-chloroethyl)ether	ND		5	1	07/04/08 21:28	GY	4554752

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID WMW-7 **Collected:** 06/30/2008 13:00 **SPL Sample ID:** 08070017-04

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Bis(2-chloroisopropyl)ether	ND			5	1	07/04/08 21:28	GY	4554752
Bis(2-ethylhexyl)phthalate	ND			5	1	07/04/08 21:28	GY	4554752
Butyl benzyl phthalate	ND			5	1	07/04/08 21:28	GY	4554752
Carbazole	ND			5	1	07/04/08 21:28	GY	4554752
Chrysene	ND			5	1	07/04/08 21:28	GY	4554752
Dibenz(a,h)anthracene	ND			5	1	07/04/08 21:28	GY	4554752
Dibenzofuran	ND			5	1	07/04/08 21:28	GY	4554752
Diethyl phthalate	ND			5	1	07/04/08 21:28	GY	4554752
Dimethyl phthalate	ND			5	1	07/04/08 21:28	GY	4554752
Di-n-butyl phthalate	ND			5	1	07/04/08 21:28	GY	4554752
Di-n-octyl phthalate	ND			5	1	07/04/08 21:28	GY	4554752
Fluoranthene	ND			5	1	07/04/08 21:28	GY	4554752
Fluorene	ND			5	1	07/04/08 21:28	GY	4554752
Hexachlorobenzene	ND			5	1	07/04/08 21:28	GY	4554752
Hexachlorobutadiene	ND			5	1	07/04/08 21:28	GY	4554752
Hexachlorocyclopentadiene	ND			5	1	07/04/08 21:28	GY	4554752
Hexachloroethane	ND			5	1	07/04/08 21:28	GY	4554752
Indeno(1,2,3-cd)pyrene	ND			5	1	07/04/08 21:28	GY	4554752
Isophorone	ND			5	1	07/04/08 21:28	GY	4554752
Naphthalene	ND			5	1	07/04/08 21:28	GY	4554752
Nitrobenzene	ND			5	1	07/04/08 21:28	GY	4554752
N-Nitrosodi-n-propylamine	ND			5	1	07/04/08 21:28	GY	4554752
N-Nitrosodiphenylamine	ND			5	1	07/04/08 21:28	GY	4554752
Pentachlorophenol	ND			25	1	07/04/08 21:28	GY	4554752
Phenanthrene	ND			5	1	07/04/08 21:28	GY	4554752
Phenol	ND			5	1	07/04/08 21:28	GY	4554752
Pyrene	ND			5	1	07/04/08 21:28	GY	4554752
Pyridine	ND			5	1	07/04/08 21:28	GY	4554752
2-Methylphenol	ND			5	1	07/04/08 21:28	GY	4554752
3 & 4-Methylphenol	ND			5	1	07/04/08 21:28	GY	4554752
Surr: 2,4,6-Tribromophenol	65.3		%	10-123	1	07/04/08 21:28	GY	4554752
Surr: 2-Fluorobiphenyl	40.0		%	23-116	1	07/04/08 21:28	GY	4554752
Surr: 2-Fluorophenol	28.0		%	16-110	1	07/04/08 21:28	GY	4554752
Surr: Nitrobenzene-d5	36.0		%	21-114	1	07/04/08 21:28	GY	4554752
Surr: Phenol-d5	24.0		%	10-110	1	07/04/08 21:28	GY	4554752
Surr: Terphenyl-d14	68.0		%	22-141	1	07/04/08 21:28	GY	4554752

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/02/2008 11:59	N_M	1.00

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Client Sample ID WMW-7 **Collected:** 06/30/2008 13:00 **SPL Sample ID:** 08070017-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TOTAL DISSOLVED SOLIDS			**MCL**	**E160.1**	**Units: mg/L**		
Total Dissolved Solids (Residue,Filterable)	1580		10	1	07/02/08 17:00	KRD	4545888

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID WMW-7 **Collected:** 06/30/2008 13:00 **SPL Sample ID:** 08070017-04

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND		5	1	07/09/08 0:47	LT	4554228
1,1,1-Trichloroethane	ND		5	1	07/09/08 0:47	LT	4554228
1,1,2,2-Tetrachloroethane	ND		5	1	07/09/08 0:47	LT	4554228
1,1,2-Trichloroethane	ND		5	1	07/09/08 0:47	LT	4554228
1,1-Dichloroethane	ND		5	1	07/09/08 0:47	LT	4554228
1,1-Dichloroethene	ND		5	1	07/09/08 0:47	LT	4554228
1,1-Dichloropropene	ND		5	1	07/09/08 0:47	LT	4554228
1,2,3-Trichlorobenzene	ND		5	1	07/09/08 0:47	LT	4554228
1,2,3-Trichloropropane	ND		5	1	07/09/08 0:47	LT	4554228
1,2,4-Trichlorobenzene	ND		5	1	07/09/08 0:47	LT	4554228
1,2,4-Trimethylbenzene	ND		5	1	07/09/08 0:47	LT	4554228
1,2-Dibromo-3-chloropropane	ND		5	1	07/09/08 0:47	LT	4554228
1,2-Dibromoethane	ND		5	1	07/09/08 0:47	LT	4554228
1,2-Dichlorobenzene	ND		5	1	07/09/08 0:47	LT	4554228
1,2-Dichloroethane	ND		5	1	07/09/08 0:47	LT	4554228
1,2-Dichloropropane	ND		5	1	07/09/08 0:47	LT	4554228
1,3,5-Trimethylbenzene	ND		5	1	07/09/08 0:47	LT	4554228
1,3-Dichlorobenzene	ND		5	1	07/09/08 0:47	LT	4554228
1,3-Dichloropropane	ND		5	1	07/09/08 0:47	LT	4554228
1,4-Dichlorobenzene	ND		5	1	07/09/08 0:47	LT	4554228
2,2-Dichloropropane	ND		5	1	07/09/08 0:47	LT	4554228
2-Butanone	ND		20	1	07/09/08 0:47	LT	4554228
2-Chloroethyl vinyl ether	ND		10	1	07/09/08 0:47	LT	4554228
2-Chlorotoluene	ND		5	1	07/09/08 0:47	LT	4554228
2-Hexanone	ND		10	1	07/09/08 0:47	LT	4554228
4-Chlorotoluene	ND		5	1	07/09/08 0:47	LT	4554228
4-Isopropyltoluene	ND		5	1	07/09/08 0:47	LT	4554228
4-Methyl-2-pentanone	ND		10	1	07/09/08 0:47	LT	4554228
Acetone	ND		100	1	07/09/08 0:47	LT	4554228
Acrylonitrile	ND		50	1	07/09/08 0:47	LT	4554228
Benzene	ND		5	1	07/09/08 0:47	LT	4554228
Bromobenzene	ND		5	1	07/09/08 0:47	LT	4554228
Bromochloromethane	ND		5	1	07/09/08 0:47	LT	4554228
Bromodichloromethane	ND		5	1	07/09/08 0:47	LT	4554228
Bromoform	ND		5	1	07/09/08 0:47	LT	4554228
Bromomethane	ND		10	1	07/09/08 0:47	LT	4554228
Carbon disulfide	ND		5	1	07/09/08 0:47	LT	4554228
Carbon tetrachloride	ND		5	1	07/09/08 0:47	LT	4554228
Chlorobenzene	ND		5	1	07/09/08 0:47	LT	4554228

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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Client Sample ID WMW-7 **Collected:** 06/30/2008 13:00 **SPL Sample ID:** 08070017-04

Site: Gallup, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroethane	ND			10	1	07/09/08 0:47	LT	4554228
Chloroform	ND			5	1	07/09/08 0:47	LT	4554228
Chloromethane	ND			10	1	07/09/08 0:47	LT	4554228
Dibromochloromethane	ND			5	1	07/09/08 0:47	LT	4554228
Dibromomethane	ND			5	1	07/09/08 0:47	LT	4554228
Dichlorodifluoromethane	ND			10	1	07/09/08 0:47	LT	4554228
Ethylbenzene	ND			5	1	07/09/08 0:47	LT	4554228
Hexachlorobutadiene	ND			5	1	07/09/08 0:47	LT	4554228
Isopropylbenzene	ND			5	1	07/09/08 0:47	LT	4554228
Methyl tert-butyl ether	ND			5	1	07/09/08 0:47	LT	4554228
Methylene chloride	ND			5	1	07/09/08 0:47	LT	4554228
Naphthalene	ND			5	1	07/09/08 0:47	LT	4554228
n-Butylbenzene	ND			5	1	07/09/08 0:47	LT	4554228
n-Propylbenzene	ND			5	1	07/09/08 0:47	LT	4554228
sec-Butylbenzene	ND			5	1	07/09/08 0:47	LT	4554228
Styrene	ND			5	1	07/09/08 0:47	LT	4554228
tert-Butylbenzene	ND			5	1	07/09/08 0:47	LT	4554228
Tetrachloroethene	ND			5	1	07/09/08 0:47	LT	4554228
Toluene	ND			5	1	07/09/08 0:47	LT	4554228
Trichloroethene	ND			5	1	07/09/08 0:47	LT	4554228
Trichlorofluoromethane	ND			5	1	07/09/08 0:47	LT	4554228
Vinyl acetate	ND			10	1	07/09/08 0:47	LT	4554228
Vinyl chloride	ND			10	1	07/09/08 0:47	LT	4554228
cis-1,2-Dichloroethene	ND			5	1	07/09/08 0:47	LT	4554228
cis-1,3-Dichloropropene	ND			5	1	07/09/08 0:47	LT	4554228
m,p-Xylene	ND			5	1	07/09/08 0:47	LT	4554228
o-Xylene	ND			5	1	07/09/08 0:47	LT	4554228
trans-1,2-Dichloroethene	ND			5	1	07/09/08 0:47	LT	4554228
trans-1,3-Dichloropropene	ND			5	1	07/09/08 0:47	LT	4554228
1,2-Dichloroethene (total)	ND			5	1	07/09/08 0:47	LT	4554228
Xylenes,Total	ND			5	1	07/09/08 0:47	LT	4554228
Surr: 1,2-Dichloroethane-d4	96.0		%	62-130	1	07/09/08 0:47	LT	4554228
Surr: 4-Bromofluorobenzene	90.0		%	70-130	1	07/09/08 0:47	LT	4554228
Surr: Toluene-d8	106		%	74-122	1	07/09/08 0:47	LT	4554228

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
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TNTC - Too numerous to count
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Client Sample ID Trip Blank **Collected:** 06/30/2008 13:15 **SPL Sample ID:** 08070017-05

Site: Gallup, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**	**Units: ug/L**		
Benzene	ND		5	1	07/08/08 22:11	LT	4554222
Ethylbenzene	ND		5	1	07/08/08 22:11	LT	4554222
Toluene	ND		5	1	07/08/08 22:11	LT	4554222
m,p-Xylene	ND		5	1	07/08/08 22:11	LT	4554222
o-Xylene	ND		5	1	07/08/08 22:11	LT	4554222
Xylenes,Total	ND		5	1	07/08/08 22:11	LT	4554222
Surr: 1,2-Dichloroethane-d4	90.0		% 62-130	1	07/08/08 22:11	LT	4554222
Surr: 4-Bromofluorobenzene	90.0		% 70-130	1	07/08/08 22:11	LT	4554222
Surr: Toluene-d8	108		% 74-122	1	07/08/08 22:11	LT	4554222

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6010B, Total
Method: SW6010B
WorkOrder: 08070017
Lab Batch ID: 81321

Method Blank

RunID: TJA_080720B-4579362 Units: mg/L
Analysis Date: 07/20/2008 19:57 Analyst: EG
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Calcium	ND	0.1
Iron	ND	0.02
Magnesium	ND	0.1
Sodium	ND	0.5

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01E	WMW-5
08070017-02E	WMW-1
08070017-03E	WMW-4
08070017-04E	WMW-7

Laboratory Control Sample (LCS)

RunID: TJA_080720B-4579363 Units: mg/L
Analysis Date: 07/20/2008 20:02 Analyst: EG
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Calcium	1.000	1.062	106.2	80	120
Iron	1.000	1.055	105.5	80	120
Magnesium	1.000	1.045	104.5	80	120
Sodium	1.000	1.051	105.1	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070011-01
RunID: TJA_080720B-4579368 Units: mg/L
Analysis Date: 07/20/2008 20:11 Analyst: EG
Preparation Date: 07/06/2008 12:10 Prep By: Method SW3010A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Calcium	42.27	1	42.79	N/C	1	44.25	N/C	N/C	20	75	125
Iron	0.2040	1	1.224	102.0	1	1.253	104.9	2.343	20	75	125
Magnesium	49.35	1	50.01	N/C	1	51.41	N/C	N/C	20	75	125
Sodium	50.66	1	51.48	N/C	1	52.01	N/C	N/C	20	75	125

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6020, Total
Method: SW6020A
WorkOrder: 08070017
Lab Batch ID: 81321-I

Method Blank

RunID: ICPMS2_080714A-4566152 Units: mg/L
Analysis Date: 07/14/2008 18:46 Analyst: AL_H
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Result	Rep Limit
Arsenic	ND	0.005
Barium	ND	0.005
Cadmium	ND	0.005
Chromium	ND	0.005
Lead	ND	0.005
Manganese	ND	0.005
Selenium	ND	0.005
Silver	ND	0.005

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01E	WMW-5
08070017-02E	WMW-1
08070017-03E	WMW-4
08070017-04E	WMW-7

Laboratory Control Sample (LCS)

RunID: ICPMS2_080714A-4566153 Units: mg/L
Analysis Date: 07/14/2008 18:53 Analyst: AL_H
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Arsenic	0.1000	0.08759	87.59	80	120
Barium	0.1000	0.09120	91.20	80	120
Cadmium	0.1000	0.09250	92.50	80	120
Chromium	0.1000	0.09077	90.77	80	120
Lead	0.1000	0.08733	87.33	80	120
Manganese	0.1000	0.08545	85.45	80	120
Selenium	0.1000	0.08739	87.39	80	120
Silver	0.1000	0.1118	111.8	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070011-01
RunID: ICPMS2_080714A-4566155 Units: mg/L
Analysis Date: 07/14/2008 19:06 Analyst: AL_H
Preparation Date: 07/06/2008 12:10 Prep By: DD Method SW3010A

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Metals by Method 6020, Total **WorkOrder:** 08070017
Method: SW6020A **Lab Batch ID:** 81321-I

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Arsenic	ND	0.1	0.09328	90.30	0.1	0.08984	86.86	3.757	20	75	125
Barium	0.03194	0.1	0.1227	90.76	0.1	0.1229	90.96	0.1629	20	75	125
Cadmium	ND	0.1	0.09510	95.10	0.1	0.09144	91.44	3.924	20	75	125
Chromium	0.03294	0.1	0.1241	91.16	0.1	0.1184	85.46	4.701	20	75	125
Lead	ND	0.1	0.09191	91.91	0.1	0.08841	88.41	3.882	20	75	125
Manganese	ND	0.1	0.08836	85.57	0.1	0.08418	81.40	4.845	20	75	125
Selenium	0.008900	0.1	0.09597	87.07	0.1	0.09311	84.21	3.025	20	75	125
Silver	ND	0.1	0.1098	109.8	0.1	0.1102	110.2	0.3636	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Mercury, Total
Method: SW7470A
WorkOrder: 08070017
Lab Batch ID: 81430

Method Blank

RunID: HGLC_080709C-4556962 Units: mg/L
Analysis Date: 07/09/2008 15:39 Analyst: CMC
Preparation Date: 07/08/2008 20:30 Prep By: CMC Method SW7470A

Analyte	Result	Rep Limit
Mercury	ND	0.0002

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01E	WMW-5
08070017-02E	WMW-1
08070017-03E	WMW-4
08070017-04E	WMW-7

Laboratory Control Sample (LCS)

RunID: HGLC_080709C-4556963 Units: mg/L
Analysis Date: 07/09/2008 15:41 Analyst: CMC
Preparation Date: 07/08/2008 20:30 Prep By: CMC Method SW7470A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Mercury	0.002000	0.001992	99.61	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070107-01
RunID: HGLC_080709C-4556987 Units: mg/L
Analysis Date: 07/09/2008 16:53 Analyst: CMC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Mercury	ND	0.002	0.001626	81.32	0.002	0.001603	80.14	0	20	75	125

Qualifiers:

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070017
Lab Batch ID: 81172

Method Blank

RunID: H_080707A-4552669 Units: ug/L
Analysis Date: 07/07/2008 18:20 Analyst: GY
Preparation Date: 07/02/2008 11:59 Prep By: N_M Method SW3510C

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01C	WMW-5
08070017-02C	WMW-1
08070017-03C	WMW-4
08070017-04C	WMW-7

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	10
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4,5-Trichlorophenol	ND	10
2,4,6-Trichlorophenol	ND	5.0
2,4-Dichlorophenol	ND	5.0
2,4-Dimethylphenol	ND	5.0
2,4-Dinitrophenol	ND	25
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
2-Chlorophenol	ND	5.0
2-Methylnaphthalene	ND	5.0
2-Nitroaniline	ND	25
2-Nitrophenol	ND	5.0
3,3'-Dichlorobenzidine	ND	10
3-Nitroaniline	ND	25
4,6-Dinitro-2-methylphenol	ND	25
4-Bromophenyl phenyl ether	ND	5.0
4-Chloro-3-methylphenol	ND	5.0
4-Chloroaniline	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
4-Nitroaniline	ND	25
4-Nitrophenol	ND	25
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Aniline	ND	5.0
Anthracene	ND	5.0
Benz(a)anthracene	ND	5.0
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzoic acid	ND	25
Benzyl alcohol	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Carbazole	ND	5.0
Chrysene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Dibenzofuran	ND	5.0

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070017
Lab Batch ID: 81172

Method Blank

RunID: H_080707A-4552669 Units: ug/L
Analysis Date: 07/07/2008 18:20 Analyst: GY
Preparation Date: 07/02/2008 11:59 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	5.0
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
N-Nitrosodi-n-propylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Pentachlorophenol	ND	25
Phenanthrene	ND	5.0
Phenol	ND	5.0
Pyrene	ND	5.0
Pyridine	ND	5.0
2-Methylphenol	ND	5.0
3 & 4-Methylphenol	ND	5.0
Surr: 2,4,6-Tribromophenol	80.0	10-123
Surr: 2-Fluorobiphenyl	78.0	23-116
Surr: 2-Fluorophenol	53.3	16-110
Surr: Nitrobenzene-d5	78.0	21-114
Surr: Phenol-d5	38.7	10-110
Surr: Terphenyl-d14	80.0	22-141

Laboratory Control Sample (LCS)

RunID: H_080707A-4552670 Units: ug/L
Analysis Date: 07/07/2008 18:51 Analyst: GY
Preparation Date: 07/02/2008 11:59 Prep By: N_M Method SW3510C

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	25.0	19.0	76.0	10	142
1,2-Dichlorobenzene	25.0	20.0	80.0	20	150
1,2-Diphenylhydrazine	25.0	18.0	72.0	10	251

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070017
Method: SW8270C **Lab Batch ID:** 81172

Laboratory Control Sample (LCS)

RunID: H_080707A-4552670 Units: ug/L
Analysis Date: 07/07/2008 18:51 Analyst: GY
Preparation Date: 07/02/2008 11:59 Prep By: N_M Method SW3510C

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,3-Dichlorobenzene	25.0	19.0	76.0	20	150
1,4-Dichlorobenzene	25.0	19.0	76.0	20	150
2,4,5-Trichlorophenol	25.0	20.0	80.0	30	150
2,4,6-Trichlorophenol	25.0	19.0	76.0	30	150
2,4-Dichlorophenol	25.0	19.0	76.0	30	150
2,4-Dimethylphenol	25.0	20.0	80.0	32	140
2,4-Dinitrophenol	25.0	22.0	88.0	10	160
2,4-Dinitrotoluene	25.0	21.0	84.0	30	150
2,6-Dinitrotoluene	25.0	20.0	80.0	30	150
2-Chloronaphthalene	25.0	20.0	80.0	30	150
2-Chlorophenol	25.0	19.0	76.0	23	134
2-Methylnaphthalene	25.0	20.0	80.0	20	170
2-Nitroaniline	25.0	19.0	76.0	20	160
2-Nitrophenol	25.0	19.0	76.0	29	182
3,3'-Dichlorobenzidine	25.0	17.0	68.0	30	200
3-Nitroaniline	25.0	18.0	72.0	20	160
4,6-Dinitro-2-methylphenol	25.0	20.0	80.0	10	160
4-Bromophenyl phenyl ether	25.0	20.0	80.0	30	150
4-Chloro-3-methylphenol	25.0	20.0	80.0	25	160
4-Chloroaniline	25.0	20.0	80.0	20	160
4-Chlorophenyl phenyl ether	25.0	22.0	88.0	25	158
4-Nitroaniline	25.0	19.0	76.0	20	160
4-Nitrophenol	25.0	17.0	68.0	10	132
Acenaphthene	25.0	19.0	76.0	30	150
Acenaphthylene	25.0	20.0	80.0	33	250
Aniline	50.0	37.0	74.0	10	135
Anthracene	25.0	19.0	76.0	27	133
Benz(a)anthracene	25.0	18.0	72.0	33	143
Benzo(a)pyrene	25.0	18.0	72.0	17	163
Benzo(b)fluoranthene	25.0	18.0	72.0	24	159
Benzo(g,h,i)perylene	25.0	18.0	72.0	30	160
Benzo(k)fluoranthene	25.0	18.0	72.0	11	162
Benzoic acid	25.0	25.0	100	10	400
Benzyl alcohol	25.0	19.0	76.0	30	160

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070017
Lab Batch ID: 81172

Laboratory Control Sample (LCS)

RunID: H_080707A-4552670
Analysis Date: 07/07/2008 18:51
Preparation Date: 07/02/2008 11:59
Units: ug/L
Analyst: GY
Prep By: N_M Method SW3510C

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Bis(2-chloroethoxy)methane	25.0	32.0	128	33	184
Bis(2-chloroethyl)ether	25.0	20.0	80.0	12	158
Bis(2-chloroisopropyl)ether	25.0	22.0	88.0	20	160
Bis(2-ethylhexyl)phthalate	25.0	19.0	76.0	10	158
Butyl benzyl phthalate	25.0	21.0	84.0	30	160
Carbazole	25.0	20.0	80.0	30	150
Chrysene	25.0	18.0	72.0	17	168
Dibenz(a,h)anthracene	25.0	18.0	72.0	30	160
Dibenzofuran	25.0	20.0	80.0	30	150
Diethyl phthalate	25.0	21.0	84.0	30	160
Dimethyl phthalate	25.0	21.0	84.0	30	160
Di-n-butyl phthalate	25.0	21.0	84.0	30	160
Di-n-octyl phthalate	25.0	18.0	72.0	20	150
Fluoranthene	25.0	19.0	76.0	26	137
Fluorene	25.0	20.0	80.0	30	150
Hexachlorobenzene	25.0	20.0	80.0	20	150
Hexachlorobutadiene	25.0	21.0	84.0	20	140
Hexachlorocyclopentadiene	25.0	17.0	68.0	10	150
Hexachloroethane	25.0	19.0	76.0	10	140
Indeno(1,2,3-cd)pyrene	25.0	19.0	76.0	30	160
Isophorone	25.0	20.0	80.0	21	196
Naphthalene	25.0	19.0	76.0	21	133
Nitrobenzene	25.0	19.0	76.0	20	160
N-Nitrosodi-n-propylamine	25.0	22.0	88.0	30	160
N-Nitrosodiphenylamine	50.0	48.0	96.0	30	150
Pentachlorophenol	25.0	20.0	80.0	14	176
Phenanthrene	25.0	19.0	76.0	10	140
Phenol	25.0	18.0	72.0	40	132
Pyrene	25.0	20.0	80.0	30	150
Pyridine	50.0	32.0	64.0	10	150
2-Methylphenol	25.0	20.0	80.0	30	160
3 & 4-Methylphenol	25.0	22.0	88.0	10	160
Surr: 2,4,6-Tribromophenol	75.0	62	82.7	10	123
Surr: 2-Fluorobiphenyl	50.0	38	76.0	23	116

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070017
Lab Batch ID: 81172

Laboratory Control Sample (LCS)

RunID: H_080707A-4552670
Analysis Date: 07/07/2008 18:51
Preparation Date: 07/02/2008 11:59
Units: ug/L
Analyst: GY
Prep By: N_M Method SW3510C

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Surr: 2-Fluorophenol	75.0	41	54.7	16	110
Surr: Nitrobenzene-d5	50.0	38	76.0	21	114
Surr: Phenol-d5	75.0	31	41.3	10	110
Surr: Terphenyl-d14	50.0	40	80.0	22	141

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070011-01
RunID: H_080707A-4552672
Analysis Date: 07/07/2008 21:24
Preparation Date: 07/02/2008 11:59
Units: ug/L
Analyst: GY
Prep By: N_M Method SW3510C

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,2,4-Trichlorobenzene	ND	25	22.0	88.0	25	22.0	88.0	0	39	10	142
1,2-Dichlorobenzene	ND	25	22.0	88.0	25	22.0	88.0	0	50	20	150
1,2-Diphenylhydrazine	ND	25	21.0	84.0	25	21.0	84.0	0	50	10	251
1,3-Dichlorobenzene	ND	25	21.0	84.0	25	21.0	84.0	0	50	20	150
1,4-Dichlorobenzene	ND	25	21.0	84.0	25	21.0	84.0	0	45	20	150
2,4,5-Trichlorophenol	ND	25	24.0	96.0	25	24.0	96.0	0	50	30	150
2,4,6-Trichlorophenol	ND	25	23.0	92.0	25	24.0	96.0	4.26	50	30	150
2,4-Dichlorophenol	ND	25	22.0	88.0	25	23.0	92.0	4.44	50	30	150
2,4-Dimethylphenol	ND	25	23.0	92.0	25	24.0	96.0	4.26	50	32	140
2,4-Dinitrophenol	ND	25	27.0	108	25	30.0	120	10.5	50	10	160
2,4-Dinitrotoluene	ND	25	26.0	104	25	27.0	108	3.77	50	30	150
2,6-Dinitrotoluene	ND	25	24.0	96.0	25	25.0	100	4.08	50	30	150
2-Chloronaphthalene	ND	25	24.0	96.0	25	24.0	96.0	0	50	30	150
2-Chlorophenol	ND	25	22.0	88.0	25	22.0	88.0	0	40	23	134
2-Methylnaphthalene	ND	25	24.0	96.0	25	24.0	96.0	0	50	20	170
2-Nitroaniline	ND	25	24.0	96.0	25	25.0	100	4.08	50	20	160
2-Nitrophenol	ND	25	24.0	96.0	25	24.0	96.0	0	50	29	182
3,3'-Dichlorobenzidine	ND	25	22.0	88.0	25	23.0	92.0	4.44	50	30	200

Qualifiers:

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HOUSTON LABORATORY
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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 08070017
Lab Batch ID: 81172

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070011-01
RunID: H_080707A-4552672 Units: ug/L
Analysis Date: 07/07/2008 21:24 Analyst: GY
Preparation Date: 07/02/2008 11:59 Prep By: N_M Method SW3510C

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
3-Nitroaniline	ND	25	22.0	88.0	25	22.0	88.0	0	50	20	160
4,6-Dinitro-2-methylphenol	ND	25	26.0	104	25	27.0	108	3.77	50	10	160
4-Bromophenyl phenyl ether	ND	25	24.0	96.0	25	24.0	96.0	0	50	30	150
4-Chloro-3-methylphenol	ND	25	23.0	92.0	25	24.0	96.0	4.26	42	25	160
4-Chloroaniline	ND	25	21.0	84.0	25	20.0	80.0	4.88	50	20	160
4-Chlorophenyl phenyl ether	ND	25	26.0	104	25	27.0	108	3.77	50	25	158
4-Nitroaniline	ND	25	25.0	100	25	26.0	104	3.92	50	20	160
4-Nitrophenol	ND	25	13.0	52.0	25	14.0	56.0	7.41	50	10	132
Acenaphthene	ND	25	23.0	92.0	25	23.0	92.0	0	31	30	150
Acenaphthylene	ND	25	23.0	92.0	25	23.0	92.0	0	50	33	250
Aniline	ND	50	32.0	64.0	50	30.0	60.0	6.45	50	10	135
Anthracene	ND	25	24.0	96.0	25	24.0	96.0	0	50	27	133
Benz(a)anthracene	ND	25	23.0	92.0	25	23.0	92.0	0	50	33	143
Benzo(a)pyrene	ND	25	23.0	92.0	25	23.0	92.0	0	50	17	163
Benzo(b)fluoranthene	ND	25	22.0	88.0	25	22.0	88.0	0	50	24	159
Benzo(g,h,i)perylene	ND	25	22.0	88.0	25	22.0	88.0	0	50	30	160
Benzo(k)fluoranthene	ND	25	22.0	88.0	25	23.0	92.0	4.44	50	11	162
Benzoic acid	ND	25	36.0	144	25	37.0	148	2.74	50	10	400
Benzyl alcohol	ND	25	19.0	76.0	25	20.0	80.0	5.13	50	30	160
Bis(2-chloroethoxy)methane	ND	25	39.0	156	25	39.0	156	0	50	33	184
Bis(2-chloroethyl)ether	ND	25	25.0	100	25	24.0	96.0	4.08	50	12	158
Bis(2-chloroisopropyl)ether	ND	25	26.0	104	25	25.0	100	3.92	50	20	160
Bis(2-ethylhexyl)phthalate	ND	25	25.0	100	25	25.0	100	0	50	10	158
Butyl benzyl phthalate	ND	25	26.0	104	25	27.0	108	3.77	50	30	160
Carbazole	ND	25	25.0	100	25	25.0	100	0	50	30	150
Chrysene	ND	25	23.0	92.0	25	23.0	92.0	0	50	17	168
Dibenz(a,h)anthracene	ND	25	24.0	96.0	25	25.0	100	4.08	50	30	160
Dibenzofuran	ND	25	24.0	96.0	25	24.0	96.0	0	50	30	150
Diethyl phthalate	ND	25	26.0	104	25	26.0	104	0	50	30	160
Dimethyl phthalate	ND	25	25.0	100	25	26.0	104	3.92	50	30	160
Di-n-butyl phthalate	ND	25	27.0	108	25	27.0	108	0	50	30	160
Di-n-octyl phthalate	ND	25	24.0	96.0	25	24.0	96.0	0	50	20	150

Qualifiers:

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 08070017
Method: SW8270C **Lab Batch ID:** 81172

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070011-01
RunID: H_080707A-4552672 Units: ug/L
Analysis Date: 07/07/2008 21:24 Analyst: GY
Preparation Date: 07/02/2008 11:59 Prep By: N_M Method SW3510C

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Fluoranthene	ND	25	24.0	96.0	25	25.0	100	4.08	50	26	137
Fluorene	ND	25	23.0	92.0	25	24.0	96.0	4.26	50	30	150
Hexachlorobenzene	ND	25	24.0	96.0	25	24.0	96.0	0	50	20	150
Hexachlorobutadiene	ND	25	23.0	92.0	25	24.0	96.0	4.26	50	20	140
Hexachlorocyclopentadiene	ND	25	19.0	76.0	25	19.0	76.0	0	50	10	150
Hexachloroethane	ND	25	21.0	84.0	25	20.0	80.0	4.88	50	10	140
Indeno(1,2,3-cd)pyrene	ND	25	24.0	96.0	25	25.0	100	4.08	50	30	160
Isophorone	ND	25	25.0	100	25	25.0	100	0	50	21	196
Naphthalene	ND	25	22.0	88.0	25	23.0	92.0	4.44	50	21	133
Nitrobenzene	ND	25	23.0	92.0	25	23.0	92.0	0	50	20	160
N-Nitrosodi-n-propylamine	ND	25	25.0	100	25	25.0	100	0	38	30	160
N-Nitrosodiphenylamine	ND	50	57.0	114	50	57.0	114	0	50	30	150
Pentachlorophenol	ND	25	24.0	96.0	25	25.0	100	4.08	50	14	176
Phenanthrene	ND	25	24.0	96.0	25	24.0	96.0	0	50	10	140
Phenol	ND	25	11.0	44.0	25	11.0	44.0	0	42	40	132
Pyrene	ND	25	24.0	96.0	25	24.0	96.0	0	38	30	150
Pyridine	ND	50	18.0	36.0	50	13.0	26.0	32.3	50	10	150
2-Methylphenol	ND	25	21.0	84.0	25	21.0	84.0	0	50	30	160
3 & 4-Methylphenol	ND	25	22.0	88.0	25	22.0	88.0	0	50	10	160
Surr: 2,4,6-Tribromophenol	ND	75	74	98.7	75	75.0	100	1.34	30	10	123
Surr: 2-Fluorobiphenyl	ND	50	43	86.0	50	44.0	88.0	2.30	30	23	116
Surr: 2-Fluorophenol	ND	75	36	48.0	75	41.0	54.7	13.0	30	16	110
Surr: Nitrobenzene-d5	ND	50	45	90.0	50	45.0	90.0	0	30	21	114
Surr: Phenol-d5	ND	75	27	36.0	75	30.0	40.0	10.5	30	10	110
Surr: Terphenyl-d14	ND	50	46	92.0	50	46.0	92.0	0	30	22	141

Qualifiers:
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070017
Lab Batch ID: R244294

Method Blank

RunID: N_080708A-4554221 Units: ug/L
Analysis Date: 07/08/2008 21:45 Analyst: LT
Preparation Date: 07/08/2008 21:45 Prep By: Method

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
1,1-Dichloroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Butanone	ND	20
2-Chloroethyl vinyl ether	ND	10
2-Chlorotoluene	ND	5.0
2-Hexanone	ND	10
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
4-Methyl-2-pentanone	ND	10
Acetone	ND	100
Acrylonitrile	ND	50
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	10
Carbon disulfide	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	10
Chloroform	ND	5.0
Chloromethane	ND	10
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	10
Ethylbenzene	ND	5.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01A	WMW-5
08070017-02A	WMW-1
08070017-03A	WMW-4
08070017-04A	WMW-7
08070017-05A	Trip Blank

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
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N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070017
Method: SW8260B **Lab Batch ID:** R244294

Method Blank

RunID: N_080708A-4554221 Units: ug/L
Analysis Date: 07/08/2008 21:45 Analyst: LT
Preparation Date: 07/08/2008 21:45 Prep By: Method

Analyte	Result	Rep Limit
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
Methyl tert-butyl ether	ND	5.0
Methylene chloride	ND	5.0
Naphthalene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
Styrene	ND	5.0
tert-Butylbenzene	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Trichloroethene	ND	5.0
Trichlorofluoromethane	ND	5.0
Vinyl acetate	ND	10
Vinyl chloride	ND	10
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,2-Dichloroethene (total)	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	90.0	62-130
Surr: 4-Bromofluorobenzene	98.0	70-130
Surr: Toluene-d8	112.0	74-122

Laboratory Control Sample (LCS)

RunID: N_080708A-4554220 Units: ug/L
Analysis Date: 07/08/2008 20:54 Analyst: LT
Preparation Date: 07/08/2008 20:54 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	20.0	20.0	100	71	136
1,1,1-Trichloroethane	20.0	17.0	85.0	66	132
1,1,2,2-Tetrachloroethane	20.0	22.0	110	55	139
1,1,2-Trichloroethane	20.0	22.0	110	70	130
1,1-Dichloroethane	20.0	22.0	110	67	131

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
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E - Estimated Value exceeds calibration curve
MI - Matrix Interference
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TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070017
Method: SW8260B **Lab Batch ID:** R244294

Laboratory Control Sample (LCS)

RunID: N_080708A-4554220 Units: ug/L
Analysis Date: 07/08/2008 20:54 Analyst: LT
Preparation Date: 07/08/2008 20:54 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	20.0	19.0	95.0	71	146
1,1-Dichloropropene	20.0	20.0	100	59	138
1,2,3-Trichlorobenzene	20.0	8.00	40.0	37	155
1,2,3-Trichloropropane	20.0	19.0	95.0	70	145
1,2,4-Trichlorobenzene	20.0	14.0	70.0	39	133
1,2,4-Trimethylbenzene	20.0	21.0	105	53	147
1,2-Dibromo-3-chloropropane	20.0	16.0	80.0	43	137
1,2-Dibromoethane	20.0	21.0	105	63	126
1,2-Dichlorobenzene	20.0	21.0	105	70	130
1,2-Dichloroethane	20.0	24.0	120	64	150
1,2-Dichloropropane	20.0	22.0	110	76	124
1,3,5-Trimethylbenzene	20.0	20.0	100	57	146
1,3-Dichlorobenzene	20.0	22.0	110	72	134
1,3-Dichloropropane	20.0	23.0	115	78	130
1,4-Dichlorobenzene	20.0	25.0	125	70	130
2,2-Dichloropropane	20.0	16.0	80.0	45	156
2-Butanone	120	120	100	20	235
2-Chloroethyl vinyl ether	20.0	21.0	105	13	179
2-Chlorotoluene	20.0	18.0	90.0	64	122
2-Hexanone	20.0	23.0	115	34	182
4-Chlorotoluene	20.0	20.0	100	64	142
4-Isopropyltoluene	20.0	23.0	115	60	134
4-Methyl-2-pentanone	20.0	21.0	105	11	145
Acetone	200	270	135	13	386
Acrylonitrile	100	110	110	43	194
Benzene	20.0	22.0	110	76	126
Bromobenzene	20.0	19.0	95.0	70	130
Bromochloromethane	20.0	24.0	120	63	131
Bromodichloromethane	20.0	23.0	115	77	138
Bromoform	20.0	19.0	95.0	55	129
Bromomethane	20.0	18.0	90.0	58	148
Carbon disulfide	20.0	18.0	90.0	46	146
Carbon tetrachloride	20.0	22.0	110	66	137
Chlorobenzene	20.0	21.0	105	67	136

Qualifiers:

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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070017
Method: SW8260B **Lab Batch ID:** R244294

Laboratory Control Sample (LCS)

RunID: N_080708A-4554220 Units: ug/L
Analysis Date: 07/08/2008 20:54 Analyst: LT
Preparation Date: 07/08/2008 20:54 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloroethane	20.0	11.0	55.0	50	137
Chloroform	20.0	22.0	110	70	135
Chloromethane	20.0	18.0	90.0	51	140
Dibromochloromethane	20.0	22.0	110	69	127
Dibromomethane	20.0	22.0	110	74	130
Dichlorodifluoromethane	20.0	17.0	85.0	32	161
Ethylbenzene	20.0	20.0	100	67	122
Hexachlorobutadiene	20.0	16.0	80.0	43	144
Isopropylbenzene	20.0	20.0	100	60	135
Methyl tert-butyl ether	40.0	32.0	80.0	48	160
Methylene chloride	20.0	15.0	75.0	52	143
Naphthalene	20.0	10.0	50.0	24	150
n-Butylbenzene	20.0	23.0	115	50	140
n-Propylbenzene	20.0	19.0	95.0	62	137
sec-Butylbenzene	20.0	21.0	105	66	126
Styrene	20.0	20.0	100	60	139
tert-Butylbenzene	20.0	21.0	105	67	140
Tetrachloroethene	20.0	25.0	125	26	200
Toluene	20.0	23.0	115	70	131
Trichloroethene	20.0	22.0	110	64	137
Trichlorofluoromethane	20.0	11.0	55.0	46	167
Vinyl acetate	20.0	22.0	110	10	193
Vinyl chloride	20.0	17.0	85.0	31	147
cis-1,2-Dichloroethene	20.0	23.0	115	70	142
cis-1,3-Dichloropropene	20.0	22.0	110	61	134
m,p-Xylene	40.0	44.0	110	72	150
o-Xylene	20.0	21.0	105	78	141
trans-1,2-Dichloroethene	20.0	23.0	115	67	141
trans-1,3-Dichloropropene	20.0	23.0	115	56	136
1,2-Dichloroethene (total)	40	46	120	73	139
Xylenes,Total	60	65	110	72	150
Surr: 1,2-Dichloroethane-d4	50.0	48	96.0	62	130
Surr: 4-Bromofluorobenzene	50.0	50	100	70	130
Surr: Toluene-d8	50.0	53	106	74	122

Qualifiers:
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Quality Control Report

Conoco Phillips
COP Wingate

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 08070017
Lab Batch ID: R244294

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070017-01
RunID: N_080708A-4554224 Units: ug/L
Analysis Date: 07/08/2008 23:03 Analyst: LT

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	ND	20	20.0	100	20	19.0	95.0	5.13	20	35	175
1,1,1-Trichloroethane	ND	20	16.0	80.0	20	16.0	80.0	0	20	35	175
1,1,2,2-Tetrachloroethane	ND	20	18.0	90.0	20	18.0	90.0	0	20	35	175
1,1,2-Trichloroethane	ND	20	23.0	115	20	21.0	105	9.09	20	35	175
1,1-Dichloroethane	ND	20	22.0	110	20	22.0	110	0	20	35	175
1,1-Dichloroethene	ND	20	18.0	90.0	20	17.0	85.0	5.71	22	61	145
1,1-Dichloropropene	ND	20	19.0	95.0	20	19.0	95.0	0	20	35	175
1,2,3-Trichlorobenzene	ND	20	7.00	35.0	20	6.00	30.0	15.4	20	27	187
1,2,3-Trichloropropane	ND	20	18.0	90.0	20	18.0	90.0	0	20	35	175
1,2,4-Trichlorobenzene	ND	20	10.0	50.0	20	10.0	50.0	0	20	34	150
1,2,4-Trimethylbenzene	ND	20	17.0	85.0	20	16.0	80.0	6.06	20	35	175
1,2-Dibromo-3-chloropropane	ND	20	16.0	80.0	20	16.0	80.0	0	20	15	175
1,2-Dibromoethane	ND	20	20.0	100	20	20.0	100	0	20	35	175
1,2-Dichlorobenzene	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	35	175
1,2-Dichloroethane	ND	20	22.0	110	20	21.0	105	4.65	20	35	175
1,2-Dichloropropane	ND	20	20.0	100	20	20.0	100	0	20	35	175
1,3,5-Trimethylbenzene	ND	20	16.0	80.0	20	16.0	80.0	0	20	35	175
1,3-Dichlorobenzene	ND	20	18.0	90.0	20	18.0	90.0	0	20	35	175
1,3-Dichloropropane	ND	20	23.0	115	20	22.0	110	4.44	20	35	175
1,4-Dichlorobenzene	ND	20	21.0	105	20	21.0	105	0	20	35	175
2,2-Dichloropropane	ND	20	15.0	75.0	20	15.0	75.0	0	20	35	175
2-Butanone	ND	20	30.0	150	20	24.0	120	22.2 *	20	10	230
2-Chloroethyl vinyl ether	ND	20	0	0 *	20	0	0 *	0	20	10	250
2-Chlorotoluene	ND	20	16.0	80.0	20	16.0	80.0	0	20	31	175
2-Hexanone	ND	20	22.0	110	20	21.0	105	4.65	20	10	250
4-Chlorotoluene	ND	20	17.0	85.0	20	16.0	80.0	6.06	20	31	175
4-Isopropyltoluene	ND	20	16.0	80.0	20	16.0	80.0	0	20	35	175
4-Methyl-2-pentanone	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	10	175
Acetone	ND	100	160	160	100	160	160	0	20	10	400
Acrylonitrile	ND	116	210	181	116	210	181	0	20	15	250

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070017
Method: SW8260B **Lab Batch ID:** R244294

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070017-01
RunID: N_080708A-4554224 Units: ug/L
Analysis Date: 07/08/2008 23:03 Analyst: LT

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	20.0	100	20	20.0	100	0	22	76	127
Bromobenzene	ND	20	17.0	85.0	20	17.0	85.0	0	20	35	175
Bromochloromethane	ND	20	22.0	110	20	23.0	115	4.44	20	35	175
Bromodichloromethane	ND	20	20.0	100	20	21.0	105	4.88	20	35	175
Bromoform	ND	20	17.0	85.0	20	17.0	85.0	0	20	35	175
Bromomethane	ND	20	20.0	100	20	22.0	110	9.52	20	35	175
Carbon disulfide	ND	20	17.0	85.0	20	16.0	80.0	6.06	20	30	225
Carbon tetrachloride	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	35	175
Chlorobenzene	ND	20	20.0	100	20	19.0	95.0	5.13	21	70	130
Chloroethane	ND	20	20.0	100	20	22.0	110	9.52	20	35	175
Chloroform	ND	20	22.0	110	20	22.0	110	0	20	35	175
Chloromethane	ND	20	21.0	105	20	21.0	105	0	20	35	175
Dibromochloromethane	ND	20	20.0	100	20	20.0	100	0	20	35	175
Dibromomethane	ND	20	20.0	100	20	20.0	100	0	20	35	175
Dichlorodifluoromethane	ND	20	13.0	65.0	20	14.0	70.0	7.41	20	35	175
Ethylbenzene	ND	20	19.0	95.0	20	17.0	85.0	11.1	20	35	175
Hexachlorobutadiene	ND	20	12.0	60.0	20	12.0	60.0	0	20	43	144
Isopropylbenzene	ND	20	20.0	100	20	20.0	100	0	20	35	175
Methyl tert-butyl ether	ND	20	17.0	85.0	20	17.0	85.0	0	20	35	175
Methylene chloride	ND	20	17.0	85.0	20	17.0	85.0	0	20	35	175
Naphthalene	ND	20	7.00	35.0	20	8.00	40.0	13.3	20	20	210
n-Butylbenzene	ND	20	16.0	80.0	20	16.0	80.0	0	20	35	175
n-Propylbenzene	ND	20	15.0	75.0	20	14.0	70.0	6.90	20	35	175
sec-Butylbenzene	ND	20	15.0	75.0	20	16.0	80.0	6.45	20	35	175
Styrene	ND	20	19.0	95.0	20	18.0	90.0	5.41	20	35	175
tert-Butylbenzene	ND	20	17.0	85.0	20	16.0	80.0	6.06	20	35	175
Tetrachloroethene	ND	20	22.0	110	20	20.0	100	9.52	20	30	250
Toluene	ND	20	22.0	110	20	22.0	110	0	24	70	131
Trichloroethene	ND	20	20.0	100	20	22.0	110	9.52	21	60	140
Trichlorofluoromethane	ND	20	13.0	65.0	20	12.0	60.0	8.00	20	17	250
Vinyl acetate	ND	20	23.0	115	20	24.0	120	4.26	20	10	250
Vinyl chloride	ND	20	19.0	95.0	20	21.0	105	10.0	20	35	175

Qualifiers:

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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 08070017
Method: SW8260B **Lab Batch ID:** R244294

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070017-01
RunID: N_080708A-4554224 Units: ug/L
Analysis Date: 07/08/2008 23:03 Analyst: LT

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
cis-1,2-Dichloroethene	ND	20	21.0	105	20	22.0	110	4.65	20	35	175
cis-1,3-Dichloropropene	ND	20	20.0	100	20	20.0	100	0	20	35	175
m,p-Xylene	ND	40	40.0	100	40	38.0	95.0	5.13	20	35	175
o-Xylene	ND	20	18.0	90.0	20	19.0	95.0	5.41	20	35	175
trans-1,2-Dichloroethene	ND	20	21.0	105	20	20.0	100	4.88	20	35	175
trans-1,3-Dichloropropene	ND	20	20.0	100	20	20.0	100	0	20	35	175
1,2-Dichloroethene (total)	ND	40	42	100	40	42	100	0	20	35	175
Xylenes,Total	ND	60	58	97	60	57	95	1.7	20	35	175
Surr: 1,2-Dichloroethane-d4	ND	50	47	94.0	50	46.0	92.0	2.15	30	62	130
Surr: 4-Bromofluorobenzene	ND	50	50	100	50	51.0	102	1.98	30	70	130
Surr: Toluene-d8	ND	50	56	112	50	55.0	110	1.80	30	74	122

Qualifiers:
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B/V - Analyte detected in the associated Method Blank
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: pH
Method: SM4500-H B

WorkOrder: 08070017
Lab Batch ID: R243531

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01D	WMW-5
08070017-02D	WMW-1
08070017-03D	WMW-4
08070017-04D	WMW-7

Laboratory Control Sample (LCS)

RunID: WET_080702A-4540182 Units: pH Units
Analysis Date: 07/02/2008 10:15 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
pH	7.000	7.040	100.6	98	102

Sample Duplicate

Original Sample: 08070088-01
RunID: WET_080702A-4540183 Units: pH Units
Analysis Date: 07/02/2008 10:15 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
pH	7.86	7.85	0.127	5

Qualifiers:

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E - Estimated Value exceeds calibration curve
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D - Recovery Unreportable due to Dilution
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Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography **WorkOrder:** 08070017
Method: E300.0 **Lab Batch ID:** R243534

Method Blank

RunID: IC1_080701A-4540205 Units: mg/L
Analysis Date: 07/01/2008 12:12 Analyst: A_E

Analyte	Result	Rep Limit
Nitrogen,Nitrate (As N)	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01D	WMW-5
08070017-02D	WMW-1
08070017-03D	WMW-4
08070017-04D	WMW-7

Laboratory Control Sample (LCS)

RunID: IC1_080701A-4540206 Units: mg/L
Analysis Date: 07/01/2008 12:28 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Nitrogen,Nitrate (As N)	10.00	9.486	94.86	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070010-02
RunID: IC1_080701A-4540210 Units: mg/L
Analysis Date: 07/01/2008 13:34 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Nitrogen,Nitrate (As N)	2.405	20	21.19	93.90	20	21.18	93.88	0.02360	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography
Method: E300.0

WorkOrder: 08070017
Lab Batch ID: R243537D

Method Blank

RunID: IC1_080701B-4540319 Units: mg/L
Analysis Date: 07/01/2008 22:24 Analyst: A_E

Analyte	Result	Rep Limit
Sulfate	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01D	WMW-5
08070017-02D	WMW-1
08070017-03D	WMW-4

Laboratory Control Sample (LCS)

RunID: IC1_080701B-4540320 Units: mg/L
Analysis Date: 07/01/2008 22:40 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Sulfate	10.00	9.498	94.98	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08061582-07
RunID: IC1_080701B-4540323 Units: mg/L
Analysis Date: 07/01/2008 23:29 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Sulfate	3404	5000	8400	99.91	5000	8474	101.4	0.8779	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography **WorkOrder:** 08070017
Method: E300.0 **Lab Batch ID:** R243537G

Method Blank

RunID: IC1_080701B-4540339 Units: mg/L
Analysis Date: 07/02/2008 4:09 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01D	WMW-5
08070017-02D	WMW-1
08070017-03D	WMW-4
08070017-04D	WMW-7

Laboratory Control Sample (LCS)

RunID: IC1_080701B-4540340 Units: mg/L
Analysis Date: 07/02/2008 4:25 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	8.902	89.02	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070017-04
RunID: IC1_080701B-4540345 Units: mg/L
Analysis Date: 07/02/2008 5:48 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	92.44	100	203.1	110.7	100	203.7	111.2	0.2601	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Ion Chromatography
Method: E300.0
WorkOrder: 08070017
Lab Batch ID: R243717S

Method Blank

RunID: IC1_080702B-4543634 Units: mg/L
Analysis Date: 07/02/2008 19:03 Analyst: A_E

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-04D	WMW-7

Analyte	Result	Rep Limit
Sulfate	ND	0.50

Laboratory Control Sample (LCS)

RunID: IC1_080702B-4543635 Units: mg/L
Analysis Date: 07/02/2008 19:20 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Sulfate	10.00	9.457	94.57	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08070120-04
RunID: IC1_080702B-4543641 Units: mg/L
Analysis Date: 07/02/2008 20:59 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Sulfate	15.36	40	54.52	97.88	40	54.43	97.66	0.1634	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Total Dissolved Solids
Method: E160.1

WorkOrder: 08070017
Lab Batch ID: R243836

Method Blank

RunID: WET_080702ZH-4545877 Units: mg/L
Analysis Date: 07/02/2008 17:00 Analyst: KRD

Analyte	Result	Rep Limit
Total Dissolved Solids (Residue,Filterable)	ND	10

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01D	WMW-5
08070017-02D	WMW-1
08070017-03D	WMW-4
08070017-04D	WMW-7

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_080702ZH-4545879 Units: mg/L
Analysis Date: 07/02/2008 17:00 Analyst: KRD

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Total Dissolved Solids (Residue,Filtera	200.0	202.0	101.0	200.0	198.0	99.00	2.0	10	95	107

Sample Duplicate

Original Sample: 08070017-01
RunID: WET_080702ZH-4545884 Units: mg/L
Analysis Date: 07/02/2008 17:00 Analyst: KRD

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Total Dissolved Solids (Residue,Filtera	3020	3040	0.660	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP Wingate

Analysis: Alkalinity (as CaCO3), Total
Method: E310.1
WorkOrder: 08070017
Lab Batch ID: R244229

Method Blank

RunID: WET_080708Q-4553233 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Result	Rep Limit
Alkalinity, Total (As CaCO3)	ND	2.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08070017-01D	WMW-5
08070017-02D	WMW-1
08070017-03D	WMW-4
08070017-04D	WMW-7

Laboratory Control Sample (LCS)

RunID: WET_080708Q-4553238 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Alkalinity, Total (As CaCO3)	84.90	81.00	95.41	90	110

Sample Duplicate

Original Sample: 08070017-04
RunID: WET_080708Q-4553246 Units: mg/L
Analysis Date: 07/08/2008 9:30 Analyst: PAC

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	514	514	0	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	**08070017**	Received By:	**L_C**
Date and Time Received:	**7/1/2008 9:30:00 AM**	Carrier name:	**Fedex-Priority**
Temperature:	**3.5°C**	Chilled by:	**Water Ice**

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4.	Chain of custody present?	Yes ☑	No ☐	
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐	
7.	Samples in proper container/bottle?	Yes ☑	No ☐	
8.	Sample containers intact?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐	
10.	All samples received within holding time?	Yes ☑	No ☐	
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
12.	Water - VOA vials have zero headspace?	Yes ☑	No ☐	VOA Vials Not Present ☐
13.	Water - Preservation checked upon receipt (except VOA*)?	Yes ☑	No ☐	Not Applicable ☐

*VOA Preservation Checked After Sample Analysis

SPL Representative: _____ Contact Date & Time: _____

Client Name Contacted: _____

Non Conformance Issues: _____

Client Instructions: _____

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips
SPL Workorder Number: 0607017

Attention: Kelly Blanchard/Tetra Tech
Phone: 505-237-8440 | email: kelly.blanchard@tetratech.c
Address: 6121 Indian School Road, NE Ste. 200
City: Albuquerque | State: NM | Zip Code: 87110
Project Name: Wingate
P.O. Number:
Sampled By: Ana Moreno (signature / print)

Sample ID	Collected Date	Collected Time	Sample Type Comp	Sample Type Grab	Matrix Water	Matrix Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL	8260-BTEX ONLY	8270-SVOC TCL	TDS, pH, Alk.	Chl., SO4, Nitrate	Coliform	COD	BOD	RCRA 8-4020/Hg-7470
WMW-5	6/30	9:20		X	X		1	3	6	X	X							
				X	X		4	1	2			X						
				X	X		3	1	2				X	X				
				X	X		3	2	1									X
WMW-1	6/30	10:15		X	X		1	3	6	X	X							
				X	X		4	1	2			X						
				X	X		3	1	2				X	X				
				X	X		3	2	1									X
WMW-4	6/30	11:00		X	X		3	2	1									X
				X	X		3	1	2				X	X				

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks: RUSH

Intact? Y or N
Temperature: 3.5°C

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic
Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

Relinquished by Sampler:	Date	Time	Received by:
	6/30	15:30	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by SPL, Inc.:
	6/30/16	9:36	

Page ___ of ___

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips
SPL Workorder Number: 0807001

Attention: Kelly Blanchard/Tetra Tech
Phone: 505-237-8440 email: kelly.blanchard@tetratech.c
Address: 6121 Indian School Road, NE Ste. 200
City: Albuquerque State: NM Zip Code: 87110
Project Name: Wingate
P.O. Number:
Sampled By: signature Ang Moreno print

Sample ID	Collected Date	Collected Time	Sample Type Comp	Sample Type Grab	Matrix Water	Matrix Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: 8260-Voc TCL ✓2	8260-BTEX ONLY ✓2	8270-SVOC TCL	TDS, pH, Alk.	Cl, SO4, Nitrate ✓2	Coliform	COD	BOD	RCRA 8-6020/Hg-7470 ✓1
WMW-4	6/30	11:00		X	X		4	1	2			X						
				X	X		1	3	6	X	X							
WMW-7	6/30	1300		X	X		1	3	6	X	X							
				X	X		4	1	2			X						
				X	X		3	1	2				X	X				
				X	X		3	2	1									X
Trip Blank-01	6/30	13:15		X	X		1	3	2		X							

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks:

Intact? (Y) or N
Temperature: See COC

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic
Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

	Date	Time	
Relinquished by Sampler:	6/30	15:30	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	7/1/08	9:30	Received by SPL, Inc.

ConocoPhillips

San Juan Business Unit
Beverly J. Cox
Environmental Specialist
P.O. Box 4289
Farmington, NM 87499
505-324-6194 Fax 505-599-4005

September 6, 2007

State Of New Mexico
Oil Conservation Division
Carl Chavez
1220 South St. Francis Drive
Santa FE, NM 87505

RE: Ground Water Discharge Plan (GW-054) Annual Report

Mr. Chavez,

Condition 18 of the current Ground Water Discharge Plan requires an annual report to be submitted by September 15th of each year. Enclosed you will find the hard copy of the report.

On August 29, 2007, an email containing the electronic version of the Wingate Fractionator Ground Water Discharge Plan Annual Sampling Report, was sent to your attention. As stated in the email the hard coy would follow (enclosure).

Should you have questions please do not hesitate to call me.

Sincerely,

Beverly J. Cox

Beverly Cox

Enclosure

cc: Wingate Plant File

TETRA TECH, INC.

6121 Indian School Rd. NE Suite 200
Albuquerque, NM 87110
(505) 237-8440

August 30, 2007

Mr. Frank Keys
ConocoPhillips
68 El Paso Circle
Gallup, New Mexico 87301

Subject: 2007 Annual Groundwater Monitoring Report
Groundwater Discharge Plan No. GW-054
ConocoPhillips Wingate Fractionating Plant
Gallup, New Mexico

Dear Mr. Keys,

Tetra Tech, formerly Maxim Technologies, 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 Henderson at 505-237-8440.

Sincerely,

Kelly Henderson

Kelly E. Henderson
Project Manager/Geologist

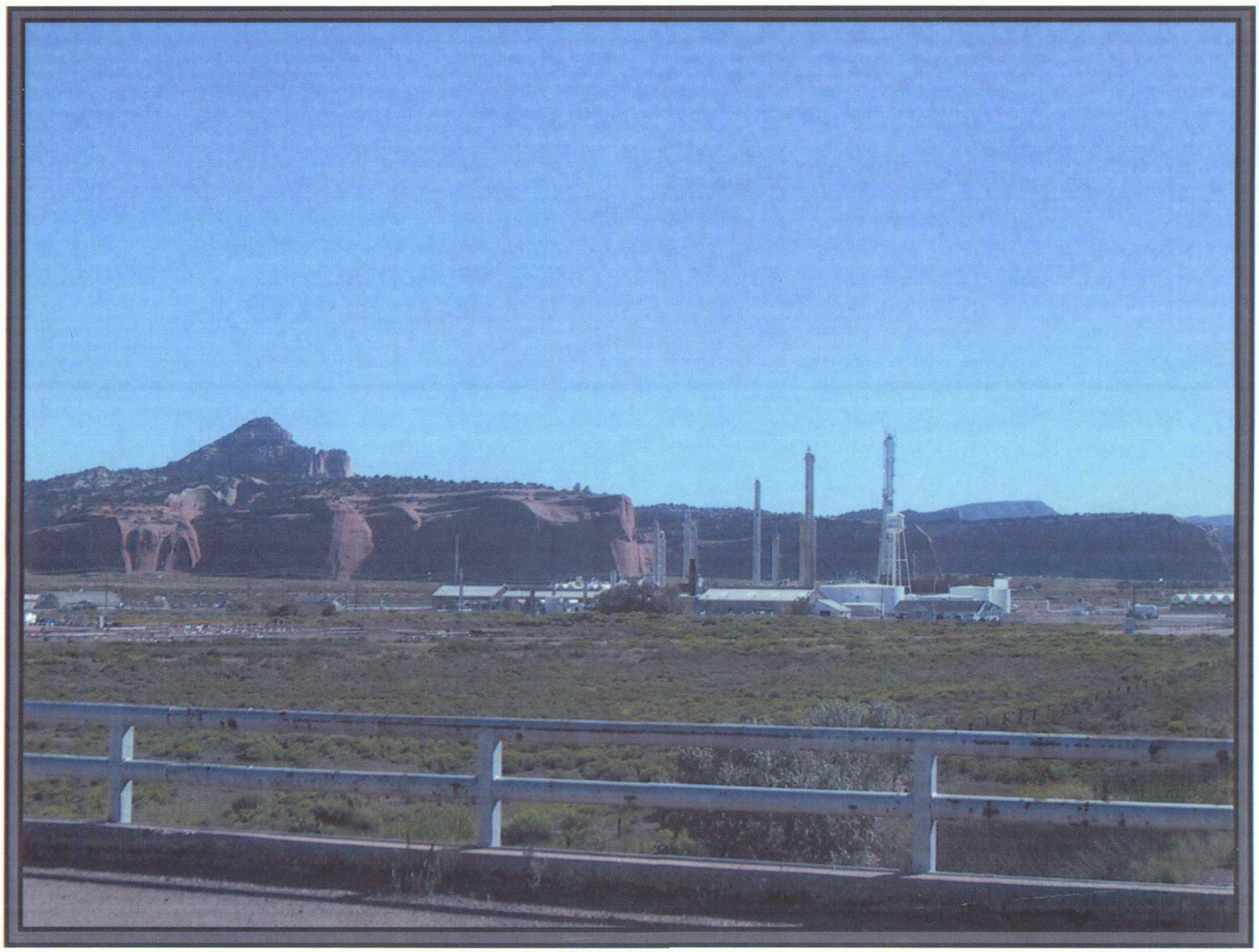
Enclosures (1)

ANNUAL GROUNDWATER MONITORING REPORT SAMPLING EVENT OF JUNE 2007

WINGATE FRACTIONATING PLANT

Gallup, New Mexico

IN COMPLIANCE WITH GROUNDWATER DISCHARGE PLAN GW-054



ConocoPhillips

TETRA TECH, INC.

ANNUAL GROUNDWATER MONITORING REPORT SAMPLING EVENT OF JUNE 2007

WINGATE FRACTIONING PLANT
Gallup, New Mexico

IN COMPLIANCE WITH GROUNDWATER DISCHARGE PLAN GW-054

Prepared For:

ConocoPhillips
Wingate Fractionating Plant
68 El Paso Circle
Gallup, New Mexico 87301

Prepared By:

Tetra Tech, Inc.
6121 Indian School Rd. Suite 200
Albuquerque, New Mexico 87110
(505) 237-8440

ConocoPhillips Work Order No.: 4506659939
Tetra Tech Project No.: 7690034

August 29, 2007

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1.0 INTRODUCTION AND SITE HISTORY

The Wingate Fractionating Plant is located in portions of Sections 9, 10, 15, 16, and 17, Township 15 North, Range 17 West, NMPM, McKinley County, New Mexico. Figure 1 illustrates the site location. A Groundwater Discharge Plan for the Wingate Plant was first approved by the New Mexico Oil Conservation Division (OCD) on August 17, 1992.

Four monitoring wells were installed during June 2003. Three of these wells surround the evaporation ponds and one is located on the east side of the plant. Two of the wells surrounding the evaporation pond were installed above the groundwater table in order to determine if leakage from the ponds is occurring. MWR-1 was a re-drill of MW-1, which was damaged. To date there has been no indication of water in the two wells installed above the groundwater table.

In a letter dated March 24, 2004, OCD approved the current Groundwater Discharge Plan, GW-054, with amended conditions contained in an attachment to the plan. On September 22 and 23, 2004 two monitoring wells were installed as specified in the discharge plan amended conditions.

In accordance with Groundwater Discharge Plan GW-054, Tetra Tech conducted an annual groundwater sampling event on June 18 through June 20, 2007. The results are presented in this report.

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 south end of the site. Two evaporation ponds, which are used and maintained by ConocoPhillips, are located west of the site, and are surrounded by a chain-link fence. All monitoring wells are on ConocoPhillips property except for WMW-8, which is on property belonging to El Paso Natural Gas. A site layout map 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 (msl), 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 msl. To the north of the plant, a red sandstone escarpment rises 400 feet above the valley to an elevation of approximately 7,000 feet msl. 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 8 feet bgs in well casing, suggesting confined aquifer conditions. The hydraulic gradient, calculated using groundwater elevation data collected during the June 2007 sampling event, varies across the site, but estimated at approximately 0.022 ft/ft. Table 1 lists well completion information and groundwater elevations. During the June 2007 sampling event, the groundwater flow direction was predominantly to the

northwest. This is consistent with previous data. Groundwater potentiometric contours are presented in Figure 2.

There are currently thirteen monitoring wells on and surrounding the site. Figure 2 illustrates the monitoring well locations.

3.0 GROUNDWATER SAMPLING METHODOLOGY

Tetra Tech performed groundwater monitoring activities from June 18 through June 20, 2007. Groundwater depths were measured using an electronic water level indicator and used to calculate the water volume in each well. An oil/water interface probe was used to measure groundwater depth in WMW-2 and check for the presence of free product. Before and after each use, the water level indicator and interface probe were cleaned with soap and water, then rinsed with methanol/de-ionized water solution, and de-ionized water. Graphs presenting groundwater elevations versus time for each monitoring well are presented in Appendix A. Water was purged from the wells until field parameters of 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 QED Hydrolab® instrumented flow-through cell. The pump and flow-through cell were decontaminated before each use by circulating Alconox® soap and de-ionized water solution through the pump followed by circulating a de-ionized water rinse. The purpose of the purge was to obtain a groundwater sample that would be representative of aquifer conditions rather than possible stagnant conditions in the well.

Following purging, groundwater samples were collected through vinyl tubing attached to the pump and placed into laboratory prepared sample containers. Disposable nitrile gloves were worn by sampling personnel and were changed at each well location. The pump and tubing were decontaminated following each well sampling by circulating Alconox® soap and de-ionized water solution through the pump followed by circulating a de-ionized water rinse. WMW-2, the monitoring well known to contain constituents of concern (COCs), was sampled last.

Following collection, the sample containers were immediately labeled, placed on ice, and chilled to approximately 4° C. Samples were submitted to Lancaster Laboratories in Lancaster, Pennsylvania for analyses of benzene, toluene, ethylbenzene, and total xylene (BTEX) by Environmental Protection Agency (EPA) Method 8260B; semi-volatile organics by EPA Method 8270; chloride, sulfate, and nitrate by EPA Method 300.0A; alkalinity by EPA Method 310.1; metals including mercury, arsenic, barium, calcium, cadmium, chromium, magnesium, selenium, silver, sodium, and lead by EPA Method 6010B; total dissolved solids (TDS) by EPA Method 160.1, and pH by EPA Method 150.1. Results for these analyses are presented in Table 2, Groundwater analysis summary (Data Set 1). The samples collected from the evaporation pond area (MWR-1, MW-2, and MW-3, East Pond and surface water samples) were also analyzed for Biochemical Oxygen Demand, (BOD), Chemical Oxygen Demand (COD), and total coliform analyses under Environmental Protection Agency (EPA) procedures 405.1, 410.1, and Standard Method (SM) 19, 1995 9223B, respectively. Results for these analyses are presented in Table 3, Groundwater analysis summary (Data Set 2). Analytical results were compared to the New

Mexico Water Quality Control Commission (NMWCC) (20.6.2.3103) Part A Human Health Standards and Part B Other Standards for Domestic Water Supply.

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

4.0 GROUNDWATER ANALYTICAL RESULTS

The June 2007 groundwater analytical results are presented in Tables 2 and 3. Graphs depicting selected analytical results versus time for each well are presented in Appendix A. The laboratory analytical report and chain-of-custody is presented in Appendix B.

4.1 Evaporation Pond Perimeter Monitoring Wells and Evaporation Pond Surface Water Samples

MWS-1 and MWS-2 are the shallow vadose-zone wells installed to monitor possible evaporation pond leakage. These wells were installed at a depth of 15 feet and were screened from 5 to 15 feet. They were dry at the time they were constructed and were also dry at the time of the sampling fieldwork. Thus, no samples were collected from these wells. The purpose of these wells is to monitor possible pond leakage.

The samples from MWR-1, MW-2, and MW-3 contained no detectable BTEX or coliform. Analytical result concentrations from MWR-1, MW-2, and MW-3 did not exceed NMWCC Standards for Human Health. MWR-1 results for COD and BOD were higher than historical results. The COD result for MW-3 was higher than historical results for this well.

The East Evaporation Pond sample had a COD result higher than the historical results. The sample from the East Evaporation Pond was below the laboratory detection limit for BOD, but at a detection limit similar to the 2006 result. The East Evaporation Pond contained an estimated concentration of total coliform similar to the 2005 result, and an elevated concentration of chloride at 5,720 milligrams per liter (mg/L), lower than historical results. The East Evaporation Pond sample contained sulfate and TDS concentrations above the NMWQCC standards.

The West Evaporation Pond sample contained a COD concentration of 10,200 mg/L. This result is higher than the 2006 result. The sample from the West Evaporation Pond was below the laboratory detection limit for coliform and had an estimated BOD concentration of <42.4 mg/L. The West Evaporation Pond sample contained chloride, sulfate, and TDS concentrations above the NMWQCC standards.

4.2 Wingate Facility and Surrounding Monitoring Wells

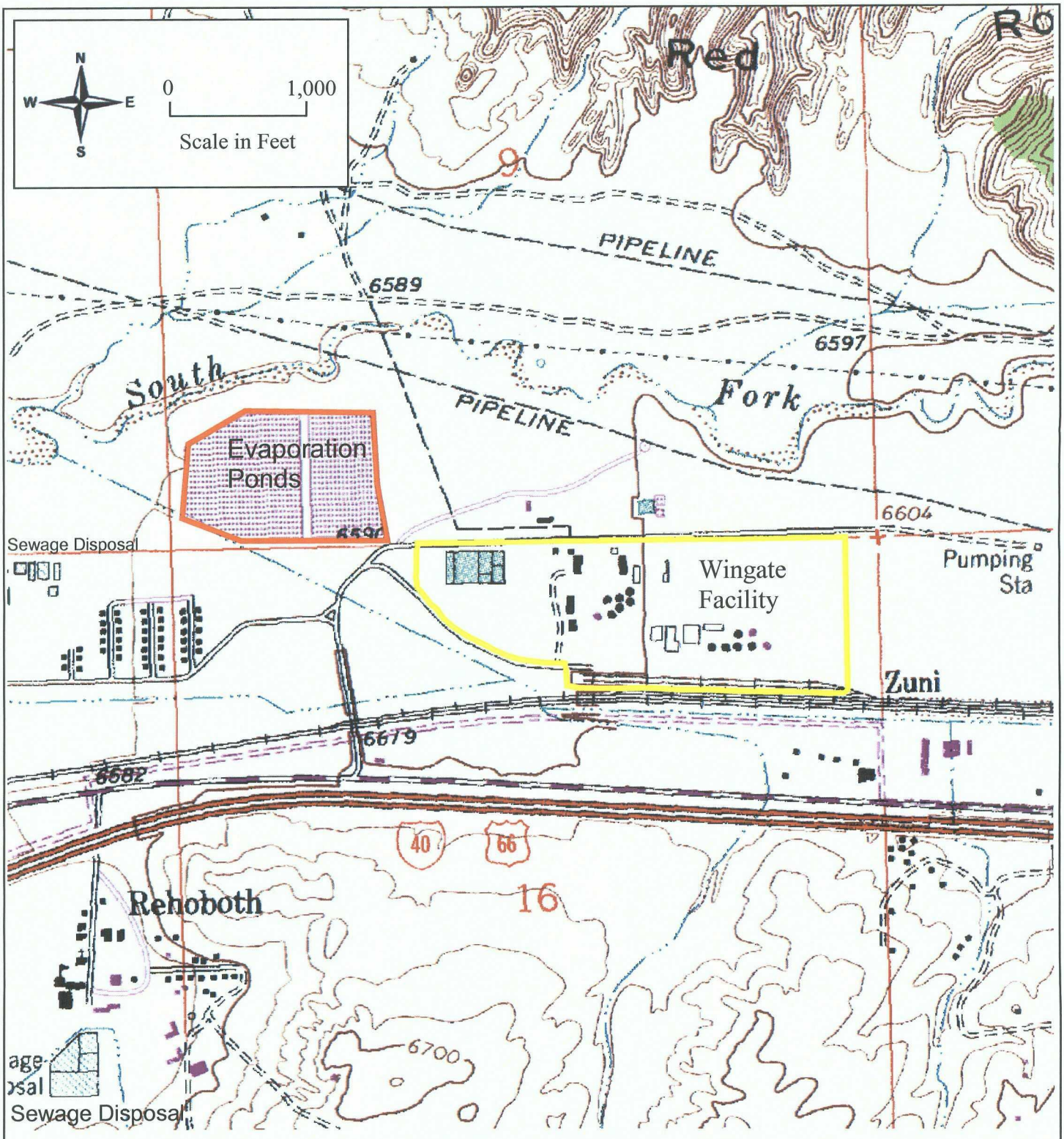
Monitoring wells WMW-1, WMW-3, WMW-4, WMW-5, WMW-6, WMW-7, and WMW-8, contained no detectable BTEX. The sample collected from WMW-2 contained 7,200 micrograms per liter (µg/L) benzene. This concentration is above the NMWQCC Standard for Human Health of 10 µg/L for benzene. The benzene concentration in WMW-2 has decreased

significantly since the 2005 groundwater sampling event, which resulted in a concentration of 29,000 µg/L, due to the introduction of Regenesis™ Oxygen Release Compound socks into the well. Toluene, ethylbenzene, and xylenes were detected in WMW-2 at levels below the NMWQCC Standards for Human Health. BTEX was not detected in WMW-4 or WMW-7, located down-gradient of WMW-2, suggesting that the benzene impact is stable.

The samples collected from WMW-1, WMW-2, WMW-3, and WMW-5 contained chloride concentrations above the NMWQCC standard of 250 mg/L. Chloride concentrations have remained relatively constant since the 2005 sampling event.

The samples collected from WMW-1, WMW-3, WMW-5, and WMW-7 contained sulfate and total dissolved solids (TDS) concentrations above the NMWQCC standards. The samples collected from WMW-2, WMW-4, and WMW-6 contained TDS concentrations above the NMWQCC standard. Even though these values exceed the standards for sulfate and/or TDS, the concentrations have remained relatively constant since the 2005 sampling event.

FIGURES



ConocoPhillips Wingate Gas Fractionating Plant
Gallup, New Mexico

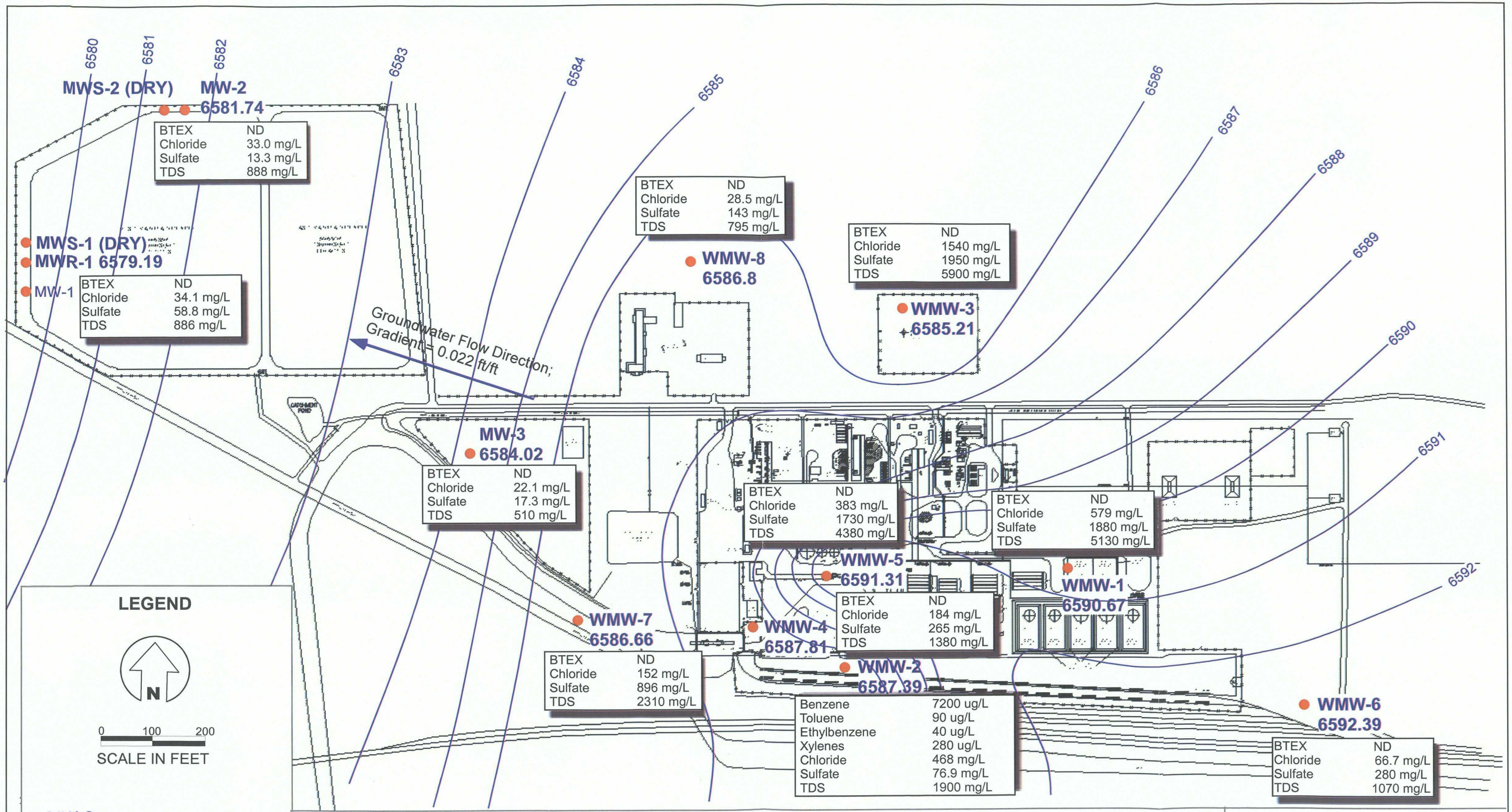
FIGURE 1: Site Location Map

Approximate Boundary of the Wingate Plant
Evaporation Ponds Used for Facility Waste Water

U.S.G.S. Gallup East, New Mexico, 7.5 minute Topographic Map, 1979

ConocoPhillips

TETRA TECH, INC.



ConocoPhillips Wingate Gas Fractionating Plant
Gallup, New Mexico

FIGURE 2: Site Map with Groundwater Potentiometric Surface Contours and Analytical Results

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TABLES

Table 1. Groundwater elevations, June 2007, Wingate Fractionating Plant, Gallup, New Mexico

Well ID	TOC Elevation (ft above msl)	Screened Interval (ft)	Total Depth (ft bgs)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft)
MWR-1	6585.13	20 - 45	45	5.94	**6579.19**
MW-2	6585.91	20 - 45	45	4.17	**6581.74**
MW-3	6590.08	20 - 45	45	6.06	**6584.02**
WMW-1	6597.13	5 - 15	15	6.46	**6590.67**
WMW-2	6594.88	5 - 20	20	7.49	**6587.39**
WMW-3	6594.92	5 - 20	20	9.71	**6585.21**
WMW-4	6595.49	5 - 20	20	7.68	**6587.81**
WMW-5	6597.11	5 - 20	20	5.8	**6591.31**
WMW-6	6603.86	20-35	35	11.47	**6592.39**
WMW-7	6594.7	16-38	38	8.04	**6586.66**
WMW-8	6594.05	17-38	38	7.25	**6586.80**

Explanation

bgs - below ground surface
ft - feet
msl - mean sea level
MW - Monitor Well
MWR - Redrilled Monitor Well
TOC - top of casing
WMW - Monitor well within the Wingate site boundary

Table 2. Groundwater analysis summary (Data Set 1), 2003 through 2007, Wingate Fractionating Plant, Gallup, New Mexico

Sample Location	Date Sampled	SW846 8260B Micrograms per Liter (ug/L)					SW846 6010B Milligrams per Liter (mg/L)											MCAWW 300.0A (mg/L)			SW846 8270 (ug/L)	EPA 150.1 (units)	MCAWW 310.1 (mg/L)	MCAWW 160.1 (mg/L)
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-GRO	Mercury	Arsenic	Barium	Calcium	Cadmium	Chromium	Magnesium	Selenium	Silver	Sodium	Lead	Chloride	Nitrate	Sulfate	Naphthalene	pH	Alkalinity	TDS
MWR-1	07/31/03	<0.5	<0.7	<0.8	<0.8	ND	<0.00016	0.0114	**1.87**	92.4	<0.00087	**0.0522**	46.1	0.0086	<0.0018	397	**0.0562**	154	<0.40	147	NA	7.9	725	**1,340**
	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.00028	<0.0047	0.252	12.5	<0.00076	<0.0025	7.56	<0.0059	<0.0020	291	<0.0100	30.5	<0.40	27.0	<1	8.0	553	712
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.191	10.2	<0.00097	<0.0048	6.02	<0.0094	<0.0020	278	<0.0084	30.5	<0.40	38.0	<1	7.9	611	775
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.221	11.1	<0.00091	<0.0023	6.61	<0.0094	<0.0016	317	<0.0069	24.3	0.26	43.6	<1	8.1	611	684
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	0.000058	<0.01	0.728	31.3	<0.00090	0.0176	15.2	<0.0094	<0.0016	331	0.0126	34.1	<0.25	58.8	<1	8.2	705	886
MWS-1	Dry Wells; Not Sampled																							
MWS-2																								
MW-2	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	0.21	14.7	<0.002	<0.005	7.9	NA	NA	418	<0.003	64.4	<0.5	102	<9.6	NA	770	**1,140**
	09/24/04	<0.5	<0.7	<0.8	<0.8	ND	<0.000028	0.0131	0.126	6.30	<0.00076	<0.0025	2.96	<0.0059	<0.0020	321	<0.0100	29.6	<0.40	4.4	<0.9	8.3	718	860
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	0.0196	0.141	6.45	<0.00097	<0.0048	3.14	<0.0094	<0.0020	310	<0.0084	38.9	<0.40	18.6	<1	8.2	708	878
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	0.0212	0.141	7.16	<0.00091	<0.0023	3.57	<0.0094	<0.0016	384	<0.0069	38.6	<0.25	22.9	<1	8.2	712	908
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	0.0190	0.139	6.73	<0.00090	<0.0023	3.41	<0.0094	<0.0016	284	<0.0069	33.0	1.3	13.3	<1	8.3	708	888
MW-3	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	<0.2	28.7	<0.002	<0.005	13.5	NA	NA	149	<0.003	19.2	<0.5	15.5	<9.6	NA	428	542
	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.00028	<0.0047	0.150	27.9	<0.00076	<0.0025	13.4	<0.0059	<0.0020	156	<0.0100	19.6	<0.40	14.6	<1	7.8	419	493
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	0.0108	0.160	26.6	<0.00097	<0.0048	12.8	<0.0094	<0.0020	144	0.0084	20.6	<0.40	13.3	<1	7.6	415	488
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.010	0.16	27.4	<0.00091	<0.0023	13.3	<0.0094	<0.0016	161	<0.0069	19.5	<0.25	14.9	<1	7.7	394	507
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.010	0.143	28.4	<0.00090	<0.0023	13.5	<0.0094	<0.0016	170	<0.0069	22.1	<0.25	17.3	<1	7.7	417	510
WMW-1	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	<0.2	258	<0.002	<0.005	69.7	NA	NA	1,140	<0.003	**648**	<0.5	**1,870**	<9.8	NA	1050	**5,090**
	09/24/04	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	<0.0047	0.0256	236	<0.00076	0.0025	63.8	0.0059	0.002	1,370	<0.0100	**627**	<0.40	**1,880**	<1	7.8	1,030	**5,150**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0177	224	<0.00097	<0.0048	61.1	<0.0094	<0.0020	1,370	<0.0084	**614**	<0.40	**1,760**	<1	7.0	1,060	**5,140**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0706	279	<0.00091	0.003	76.8	<0.0094	<0.0016	1,310	<0.0069	**609**	<0.25	**1,940**	<1	7.1	1,030	**5,150**
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0317	287	<0.00090	<0.0023	77.2	<0.0094	<0.0018	1,310	<0.0069	**579**	<0.25	**1,880**	<1	7.2	1,050	**5,130**
WMW-2	05/14/03	**29,000**	<500	<500	**<1,000**	NS	NA	0.016	0.42	47.3	0.0081	0.0095	27.4	NA	NA	1,140	0.0180	**628**	0.6	8.2	24	NA	1,710	**3,150**
	09/24/04	**28,000**	450	110	**650**	NS	<0.000028	<0.0047	0.421	57.2	0.0036	<0.0025	33.8	<0.0059	<0.0020	1,510	0.0100	**936**	<0.40	<1.5	21	7.6	2,110	**4,220**
	06/21/05	**29,000**	350	110	**570**	NS	<0.000062	<0.0093	0.442	53.6	0.0047	<0.0048	32.3	<0.0094	<0.0020	1,450	<0.0084	**962**	<0.40	<1.5	17	7.5	2,090	**3,800**
	duplicate	**25,000**	62	84	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/21/06	**5,300**	15	24	150	NS	<0.000056	<0.01	0.0841	4.04	<0.00091	<0.0023	190	<0.0094	<0.0016	1,050	<0.0069	**730**	<0.25	74	3	9.9	2,000	**3,400**
	duplicate	**5,300**	15	24	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/07	**7,200**	90	40	280	NS	<0.000056	0.0138	0.102	19.3	0.0065	0.0064	104	<0.0094	<0.0016	712	<0.0069	468	<0.25	76.9	9	9.9	1,200	**1,900**
	duplicate	**5,200**	87	39	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WMW-3	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	0.014	0.62	186	<0.002	**0.19**	88.5	NA	NA	1,860	0.042	**1,150**	1.5	**1,680**	<9.5	NA	1,090	**5,570**
	09/25/04	<0.5	<0.7	<0.8	<0.8	NS	<0.00028	0.0351	**1.14**	470	0.0012	**0.905**	216	<0.0059	<0.0020	1,810	**0.250**	**985**	<0.40	**1,410**	<10	7.5	1,700	**6,030**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.210	112	<0.00097	0.0421	48.0	<0.0094	<0.0020	1,700	0.0112	**1,030**	<0.40	**1,380**	<1	7.5	1,230	**5,590**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	0.00012	<0.01	0.468	155	<0.00091	0.0996	73.8	<0.0094	<0.0016	1,850	0.0339	**1,150**	<0.25	**1,580**	<1	7.5	1,210	**5,640**
	06/20/07	<0.5	<0.7	<0.8	<0.8	NS	0.000076	0.0107	0.320	199	<0.00090	0.0701	70.4	<0.0094	<0.0016	2,040	0.0292	**1,540**	1.5	**1,950**	<10	7.5	1,520	**5,900**
WMW-4	05/14/03	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	0.28	37.3	<0.002	0.006	16.8	NA	NA	550	**16.8**	133	<0.5	240	<9.7	NA	783	**3,070**
	07/30/03	<0.5	<0.7	<0.8	<0.8	53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/04	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	0.0077	0.0435	12.5	<0.00076	<0.0025	13.1	<0.0059	0.0020	553	<0.0100	149	<0.40	247	<1	7.8	788	**1,550**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0449	11.7	<0.00097	<0.0048	12.5	<0.0094	<0.0020	529	<0.0084	152	<0.40	243	<1	7.8	764	**1,470**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0414	12	<0.00091	<0.0023	12.8	<0.0094	<0.0016	532	<0.0069	163	<0.25	266	<1	7.8	722	**1,480**
	06/20/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0782	15	<0.00090	0.0039	13.8	<0.0094	<0.0016	582	<0.0069	184	<0.25	265	<1	8.0	765	**1,380**

Table 2. Groundwater analysis summary (Data Set 1), 2003 through 2007, Wingate Fractionating Plant, Gallup, New Mexico

Sample Location	Date Sampled	SW846 8260B Micrograms per Liter (ug/L)					SW846 6010B Milligrams per Liter (mg/L)											MCAWW 300.0A (mg/L)			SW846 8270 (ug/L)	EPA 150.1 (units)	MCAWW 310.1 (mg/L)	MCAWW 160.1 (mg/L)
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-GRO	Mercury	Arsenic	Barium	Calcium	Cadmium	Chromium	Magnesium	Selenium	Silver	Sodium	Lead	Chloride	Nitrate	Sulfate	Naphthalene	pH	Alkalinity	TDS
WMW-5	**05/14/03**	<0.1	<1.0	<1.0	<2.0	NS	NA	<0.01	<0.2	332	<0.002	<0.005	98	NA	NA	1,310	<0.003	**598**	<0.5	**2,380**	<9.5	NA	895	**5,530**
	07/30/03	<0.5	<0.7	<0.8	<0.8	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/04	<0.5	<0.7	<0.8	<0.8	NS	0.000044	<0.0047	0.0117	186	<0.00076	<0.0025	48.8	<0.0059	<0.0020	915	<0.0100	**307**	<0.40	**1,330**	<1	7.1	788	**3,410**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0137	187	<0.00097	<0.0048	50.5	<0.0094	<0.0020	834	<0.0084	**334**	<0.40	**1,400**	<1	7.0	693	**3,300**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0076	144	<0.00091	<0.0023	38.7	<0.0094	<0.0016	730	<0.0069	224	<0.25	**1,210**	<1	7.1	680	**2,380**
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0213	253	<0.00090	<0.0023	69	<0.0094	<0.0016	1,170	<0.0069	**383**	<0.25	**1,730**	<1	7.2	796	**4,380**
WMW-6	**09/24/04**	<0.5	<0.7	<0.8	<0.8	ND	<0.000028	<0.0047	0.0517	34.4	<0.00076	<0.0025	13.2	<0.0059	<0.0020	315	<0.0100	57.5	<0.40	285	<1	7.8	425	**1,020**
	06/21/05	<0.5	<0.7	<0.8	<.08	NS	<0.000062	<0.0093	0.0490	35.9	<0.00097	<0.0048	13.4	<0.0094	<0.0020	294	<0.0084	58.8	<0.40	290	<1	7.7	428	952
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.049	38.1	<0.00091	<0.0023	14.1	0.0094	<0.0016	300	<0.0069	58.9	<0.25	293	<1	7.7	488	966
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0637	44.3	<0.00090	<0.0023	15.5	0.0094	<0.0016	320	<0.0069	66.7	<0.25	280	<1	7.7	449	**1,070**
WMW-7	**09/24/04**	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	<0.0047	0.179	35.5	<0.00076	0.0074	15.8	<0.0059	<0.0020	362	<0.0100	63.7	<0.40	309	<1	7.7	526	**1,200**
	06/21/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0394	48.0	<0.00097	<0.0048	25.4	<0.0094	<0.0020	803	<0.0084	170	<0.40	**1,120**	<1	7.7	630	**2,590**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0315	42.2	<0.00091	<0.0023	22.2	<0.0094	<0.0016	776	<0.0069	234	<0.25	**1,080**	<1	7.6	589	**2,360**
	06/18/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0339	42.9	<0.00090	<0.0023	21.8	<0.0094	<0.0016	773	<0.0069	152	<0.25	**896**	<1	7.7	643	**2,310**
WMW-8	**09/24/04**	<0.5	<0.7	<0.8	<0.8	NS	<0.000028	<0.0047	0.213	36.1	<0.00076	<0.0025	17.6	<0.0059	<0.0020	218	<0.0100	27.0	<0.40	130	<1	7.8	440	753
	06/21/05	<0.5	<0.7	<.08	<0.8	NS	<0.000062	<0.0093	0.126	29.3	<0.00097	<0.0048	14.7	<0.0094	<0.0020	279	<0.0084	42.9	<0.40	169	<1	7.7	497	882
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.151	28.9	<0.00091	<0.0023	14.8	<0.0094	<0.0016	286	<0.0069	NA[2]	<0.25	NA[2]	<1	NA[2]	506	NA[2]
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.171	295	<0.00090	<0.0023	186	<0.0094	<0.0016	186	<0.0069	28.5	<0.25	143	<1	7.6	487	795
West Pond	**09/23/04**	<10	<14	<16	<16	NS	<0.000028	0.0362	0.0858	698	<0.00076	0.0051	8,830	0.0199	<0.0020	57,900	<0.0100	**90,300**	**<80**	**29,500**	<1	8.5	469	**209,000**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	0.0253	0.103	539	0.0016	<0.0048	4,950	0.0145	0.0077	142,000	**<0.0840**	**180,000**	**<1600**	**16,400**	<1	7.7	357	**369,000**
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	0.00012	0.0193	0.0591	34.4	<0.00090	<0.0023	18.1	<0.0094	0.0069	283	<0.0069	**36,000**	<2.5	**19,600**	<1	7.9	416	**361,000**
East Pond	**09/23/04**	<3	<4	<4	<4	NS	<0.000028	<0.0047	0.0730	1,080	<0.00076	0.0029	625	0.0061	<0.0020	12,400	<0.0100	**19,600**	<0.40	**6,690**	<1	9.8	148	**46,200**
	06/20/05	<0.5	<0.7	<0.8	<0.8	NS	<0.000062	<0.0093	0.0731	1,010	<0.00097	<0.0048	488	<0.0094	<0.0020	9,560	<0.0084	**13,000**	<0.40	**5,090**	<1	10.4	110	**31,100**
	06/21/06	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	0.0113	0.117	1,400	<0.00091	<0.0023	889	<0.0094	<0.0016	9,640	<0.0069	**13,000**	<0.25	**9,180**	<1	10.4	156	**34,800**
	06/19/07	<0.5	<0.7	<0.8	<0.8	NS	<0.000056	<0.01	0.0667	251	<0.00090	<0.0023	161	<0.0094	<0.0016	4,340	<0.0069	**5,720**	1.3	**5,860**	<1	9.8	103	**19,700**
NMWQCC Groundwater Standards for Human Health or Domestic Water Supply		**10**	**750**	**750**	**620**	**NE**	**0.002**	**0.1**	**1.0**	**NE**	**0.01**	**0.05**	**NE**	**NE**	**0.05**	**NE**	**0.05**	**250**	**44[1]**	**600**	**30**		**NE**	**1,000**

Explanation

[1]Converted from 10 mg/L to 44 mg/L for Nitrate as NO3

[2]Due to an error on the chain-of-custody, WMW-8 was not analyzed for the presense of Chloride, Sulfate, pH, or TDS.

MCAWW - "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, subsequent revisions included

MW - Monitoring Well

MWR - Redrilled Monitor Well

MWS - Shallow Monitor Well

NA - Not Analyzed

ND - Not detected above laboratory detection limits

NE - Not established by NMWQCC

NMWQCC - New Mexico Water Quality Control Commission

NS - Not Sampled

SW846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986, updates included

Values in bold indicate an exceedance of the NMWQCC standard

Table 3. Groundwater analysis summary (Data Set 2), 2003 through 2007, Wingate Fractionating Plant, Gallup, New Mexico

Sample Location	Date Sampled	EPA 405.1	EPA 410.1	Standard Method 19, 1995, 9223B
		BOD	COD	Total Coliform
MWR-1	07/31/03	9.2 mg/L	32.1 mg/L	NS
	09/24/04	11.0 mg/L	20.6 mg/L	<1.0/100 ml
	06/21/05	<3.5 mg/L	12.9 mg/L	<1.0/100 ml
	06/21/06	<5.0 mg/L	16.7 mg/L	<1.0/100 ml
	06/19/07	15.9 mg/L	68.5 mg/L	<1.0/100 ml
MW-2	09/24/04	<6.0 mg/L	26.7 mg/L	<1.0/100 ml
	06/21/05	<2.5 mg/L	32.4 mg/L	<1.0/100 ml
	06/21/06	<5.8 mg/L	28.3 mg/L	<1.0/100 ml
	06/19/07	<3.8 mg/L	29 mg/L	<1.0/100 ml
MW-3	05/14/03	<4 mg/L	ND	NS
	09/24/04	5.2 mg/L	<1.4 mg/L	<1.0/100 ml
	06/21/05	<2.2 mg/L	7.4 mg/L	<1.0/100 ml
	06/21/06	<2.0 mg/L	6.8 mg/L	<1.0/100 ml
	06/19/07	<2.5 mg/L	19.7mg/L	NA[1]
MWS-1	Dry Wells; Not Sampled			
MWS-2				
East Pond	09/23/04	18.9 mg/L	150 mg/L	<200.5/100 ml
	06/21/05	8.7 mg/L	105 mg/L	>200.5/100 ml
	06/21/06	<11.9 mg/L	147 mg/L	8.7/100 ml
	06/19/07	<9.8 mg/L	462 mg/L	>200.5/100 ml
West Pond	09/23/04	62.5 mg/L	1210 mg/L	<1.0/100 ml
	06/21/05	7.5 mg/L	775 mg/L	<1.0/100 ml
	06/19/07	<42.4[2]	10200 mg/L	<1.0/100 ml

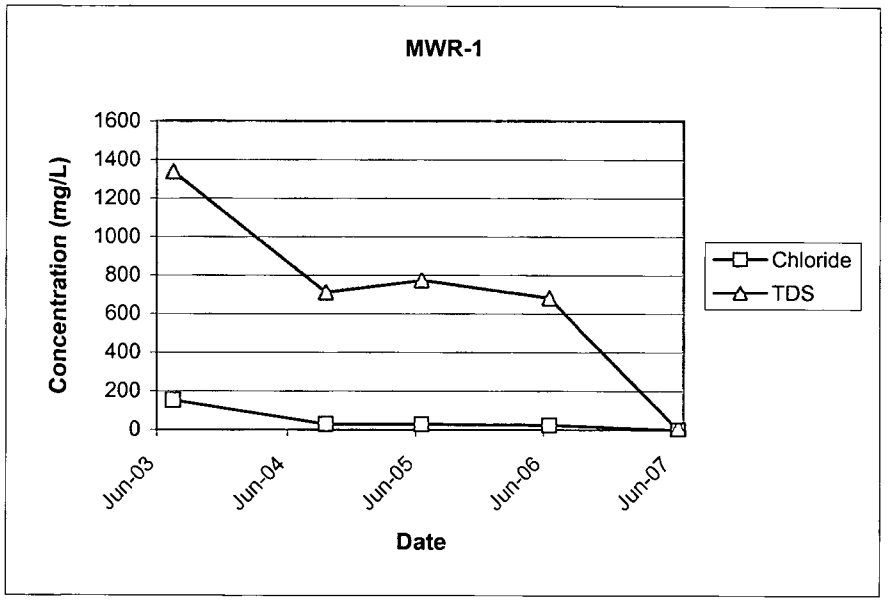
Explanation

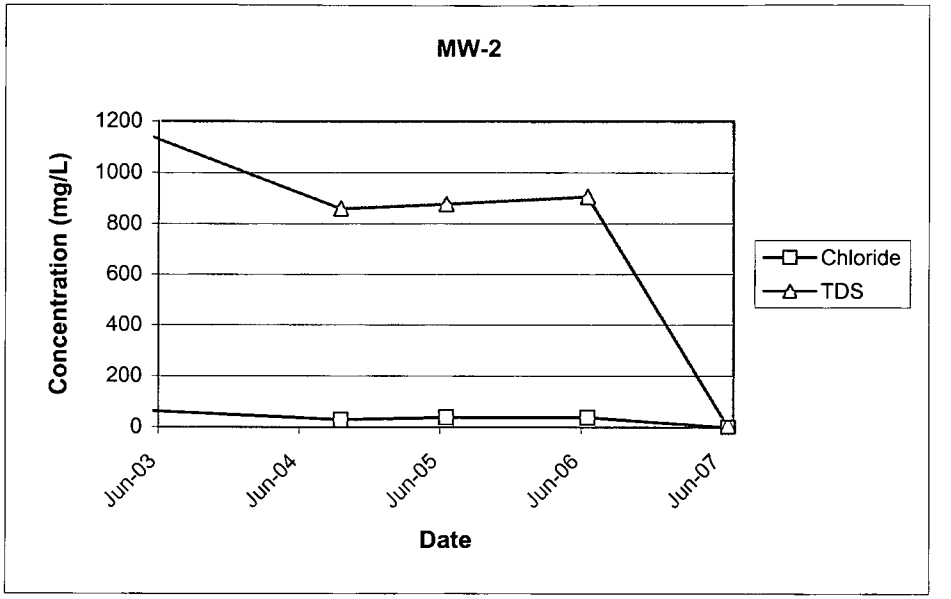
[1]The sample was positive for chlorine and therefore was considered invalid and could not be analyzed
[2]Estimated BOD result
BOD - Biological Oxygen Demand
COD - Chemical Oxygen Demand
MW - Monitor Well
MWR - Redrilled Monitor Well
MWS - Shallow Monitor Well
NA - Not Analyzed
ND - Not detected above laboratory detection limits
NS - Not Sampled

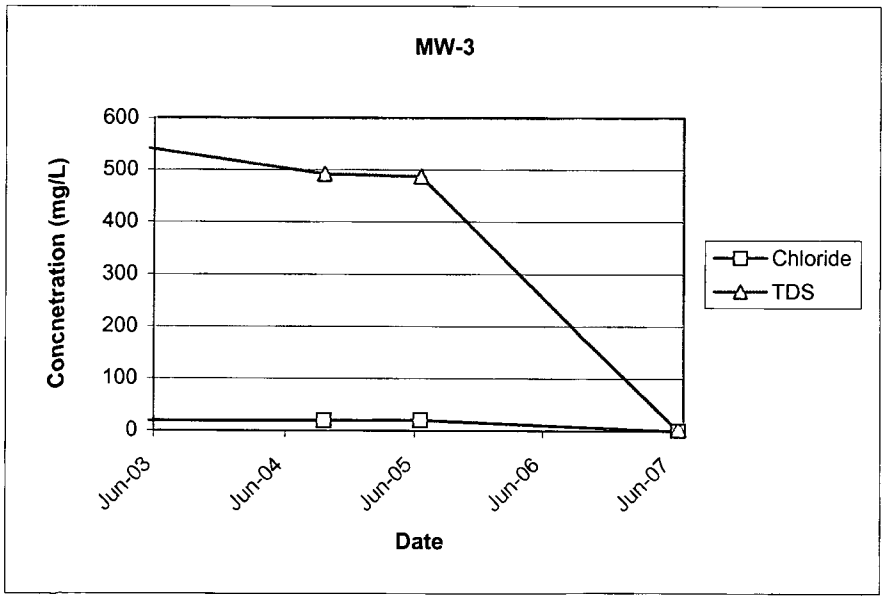
APPENDIX A

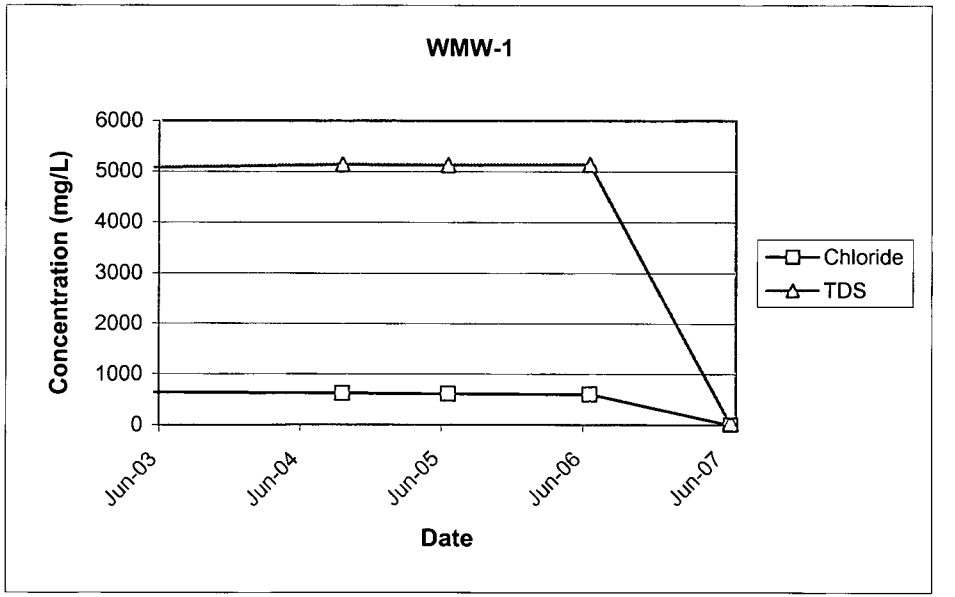
Time versus Analytical Concentration and Groundwater Elevation Graphs

Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

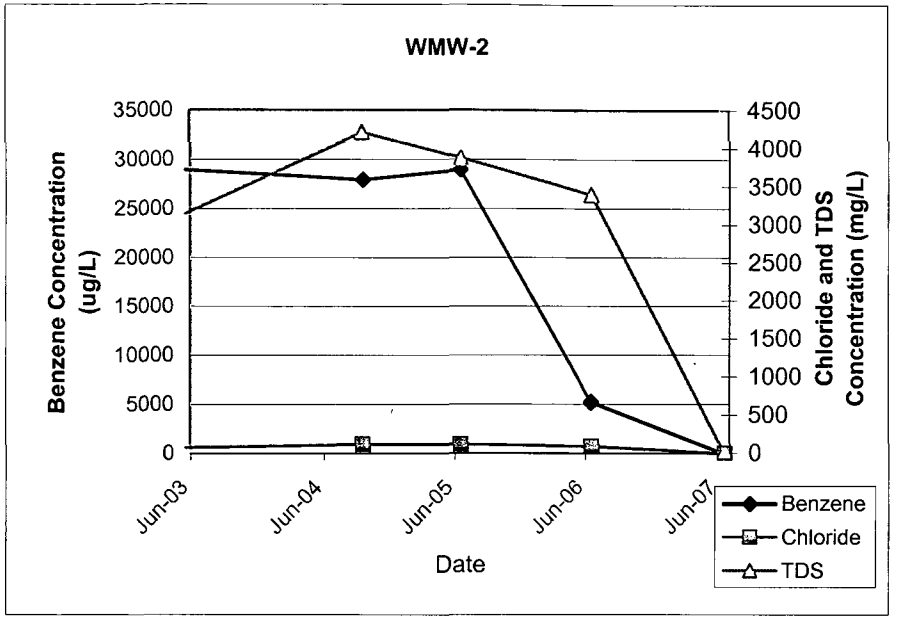


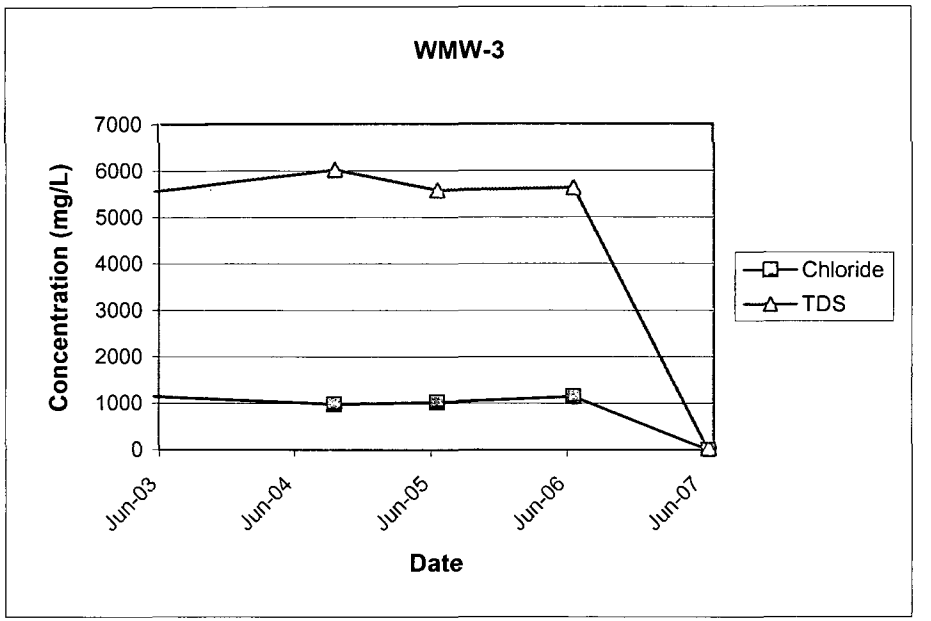


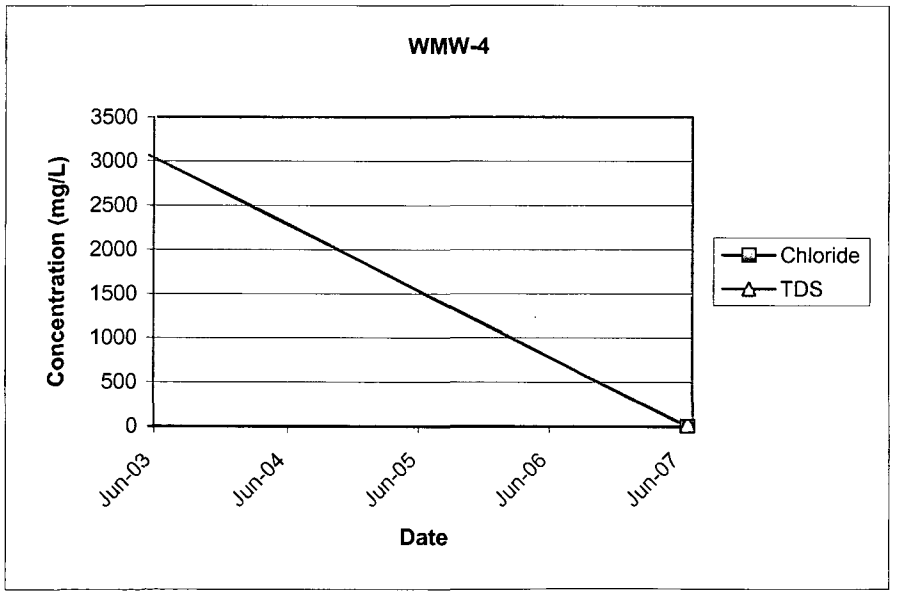


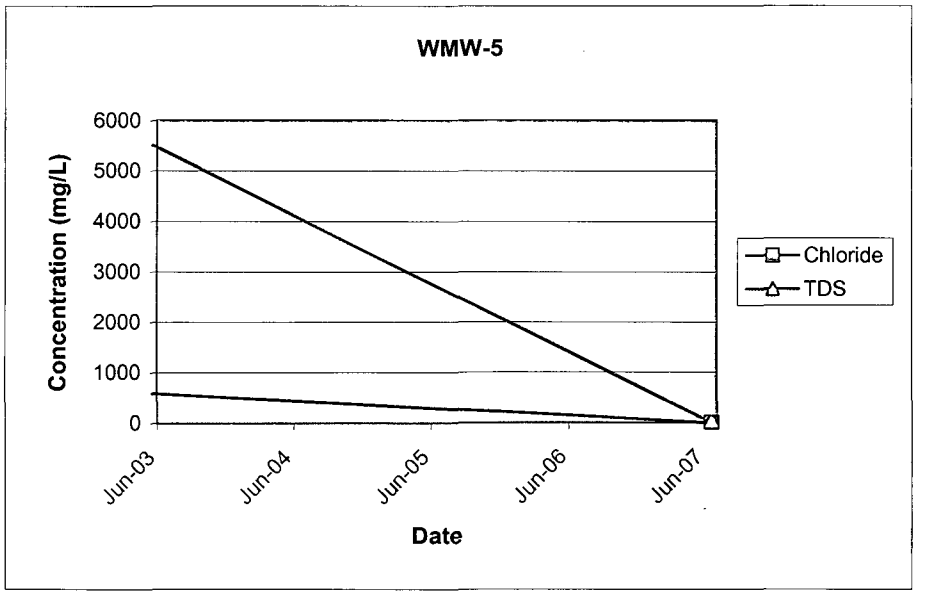


Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

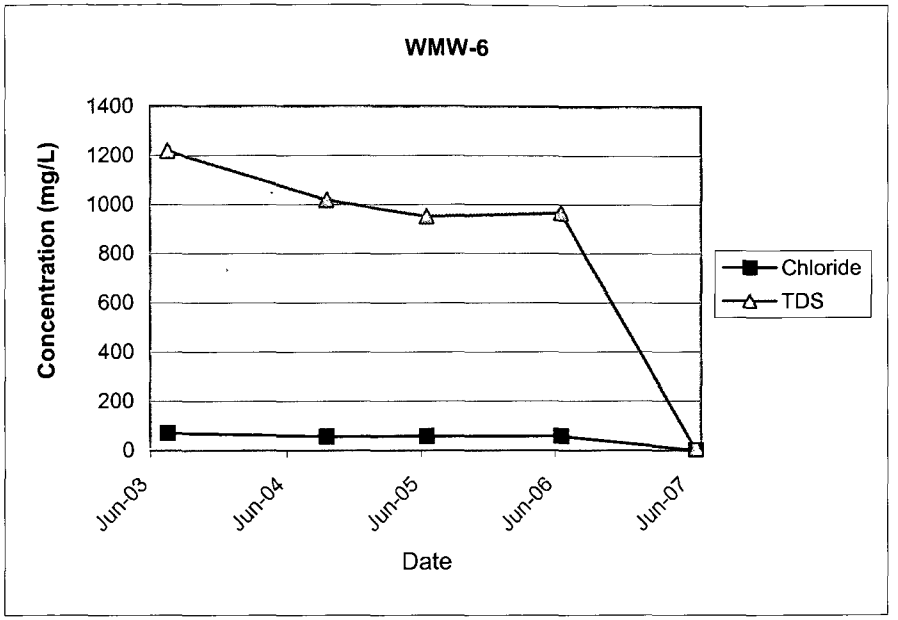


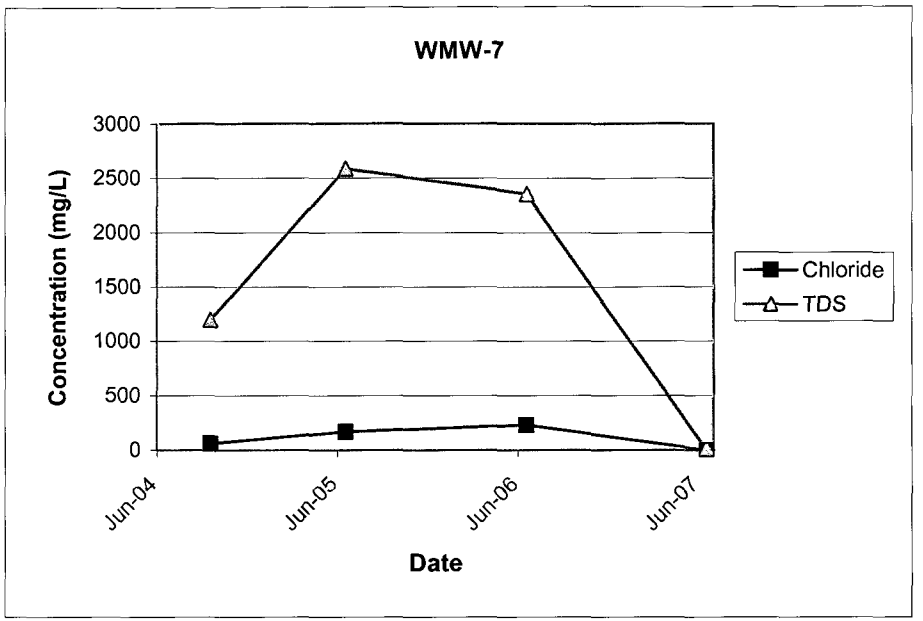


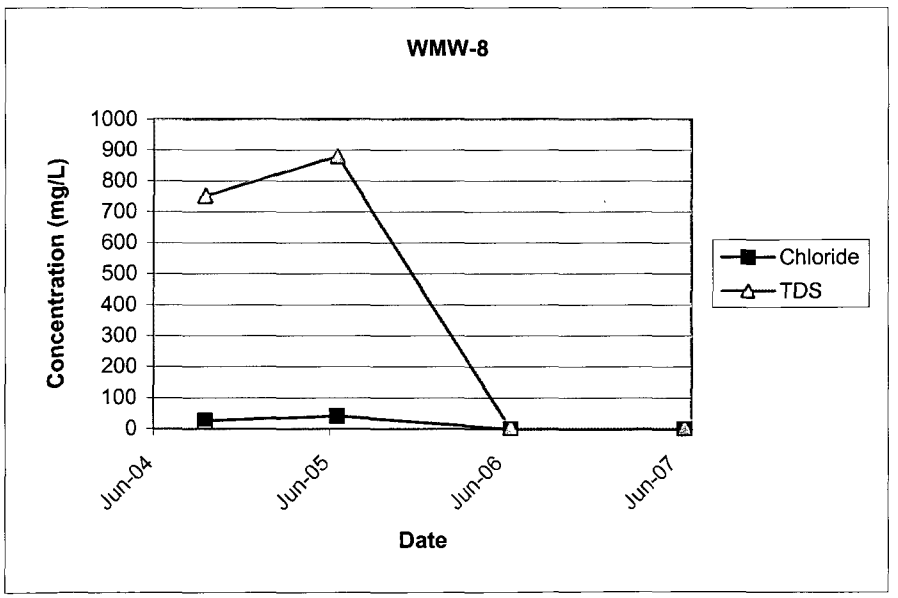




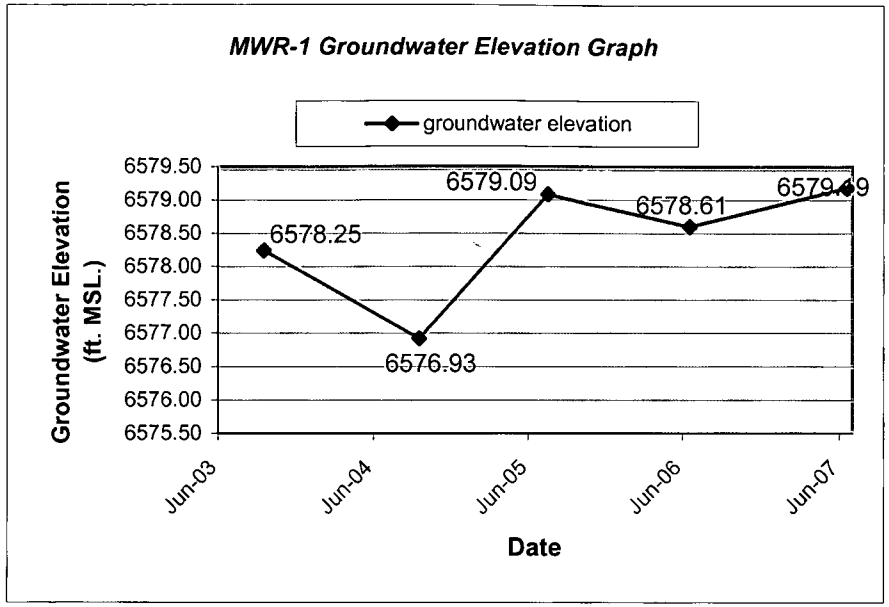
Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

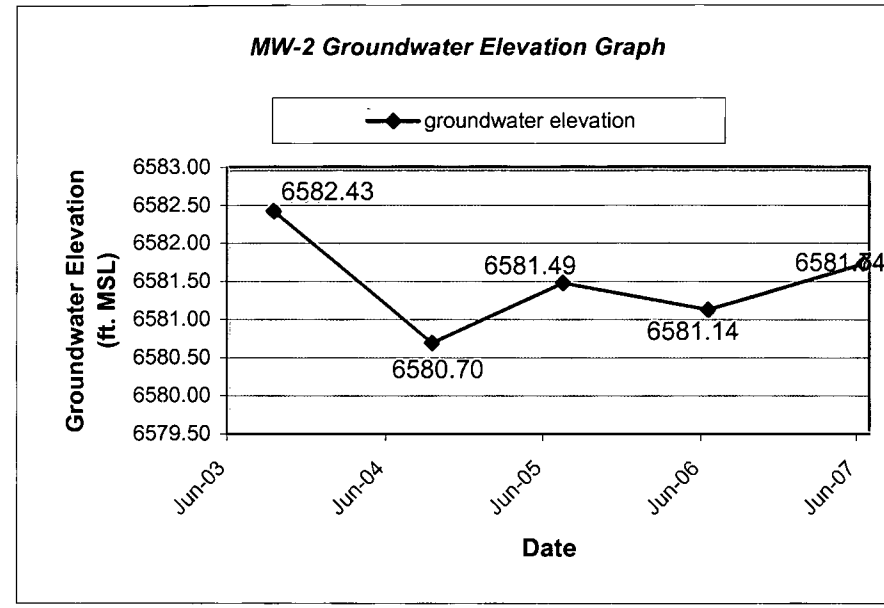


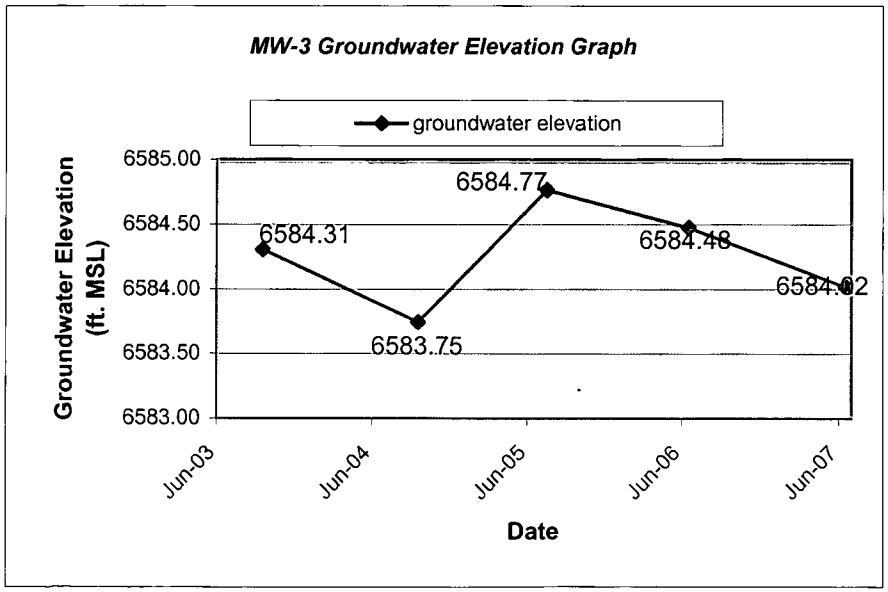


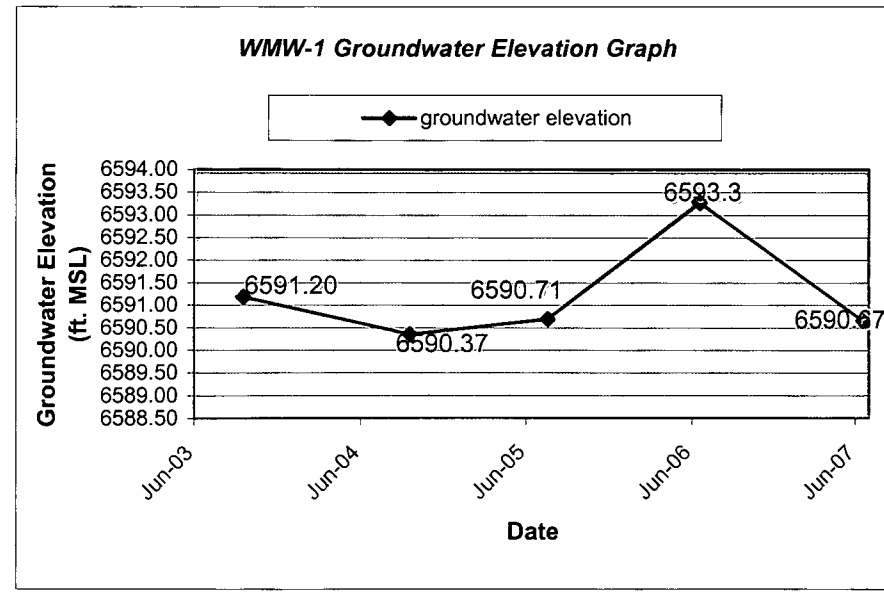


Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs

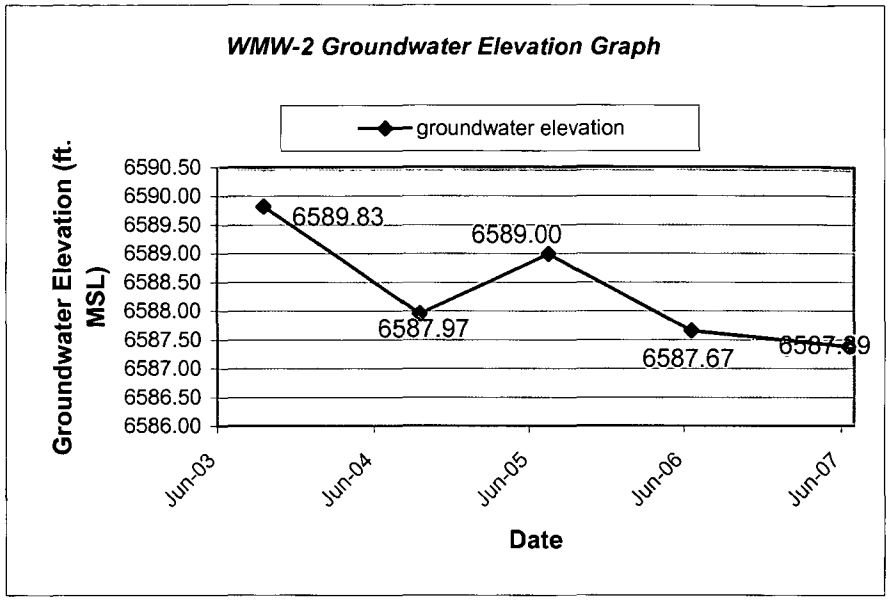


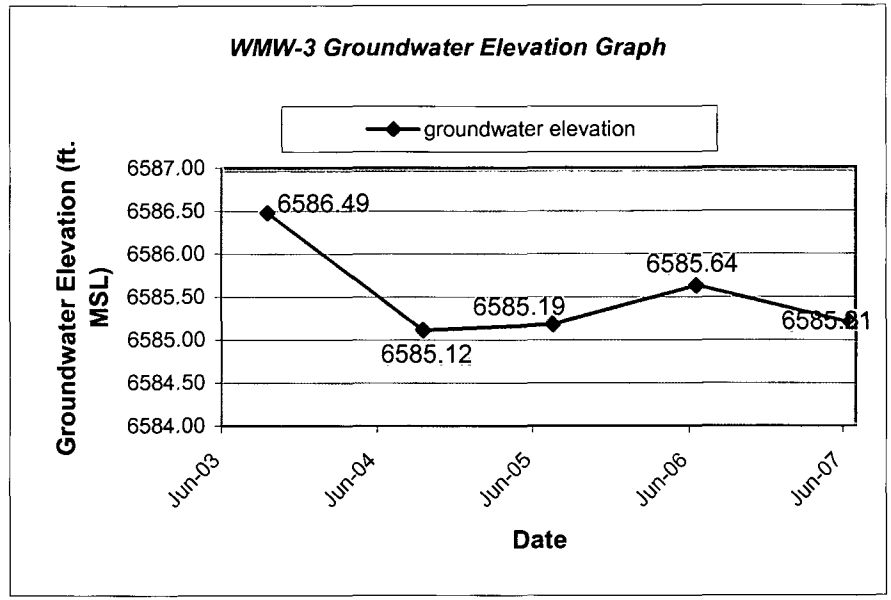


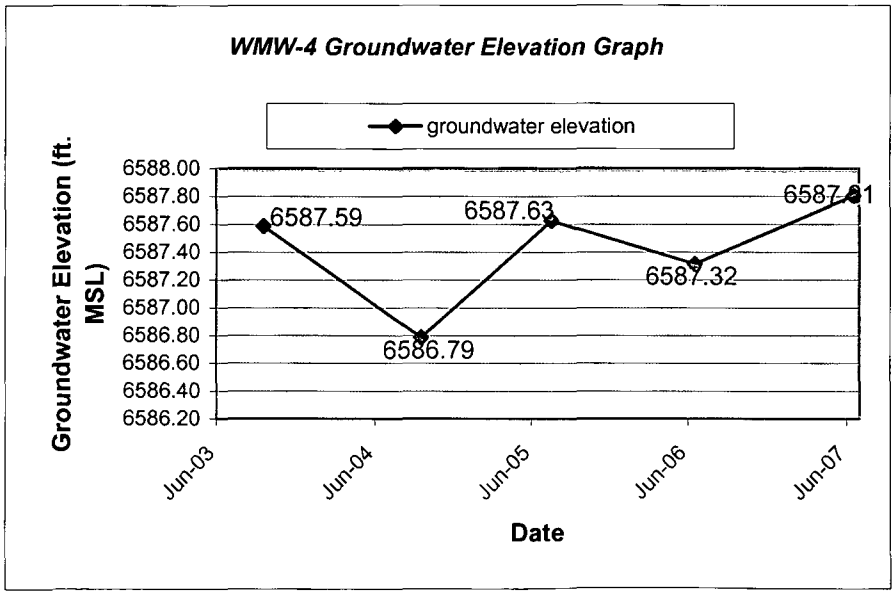


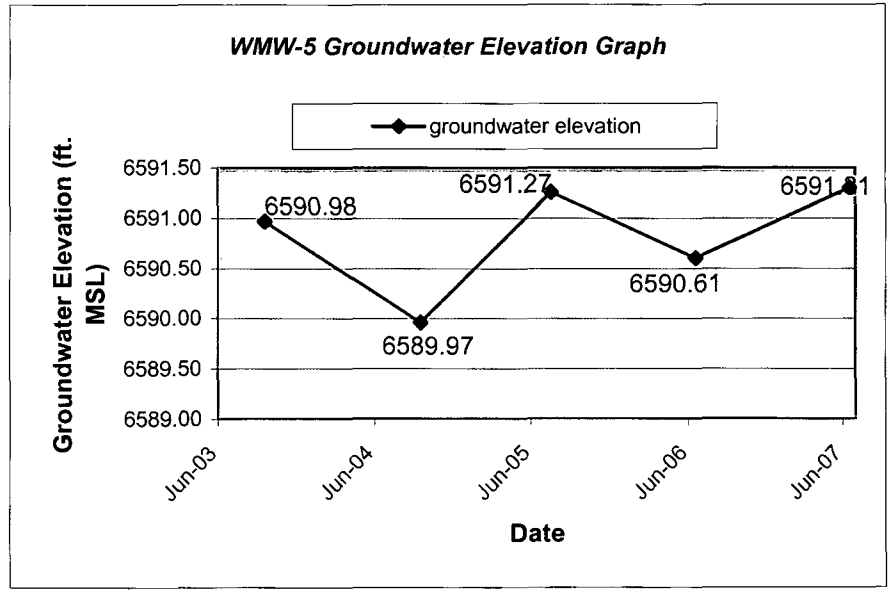


Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs

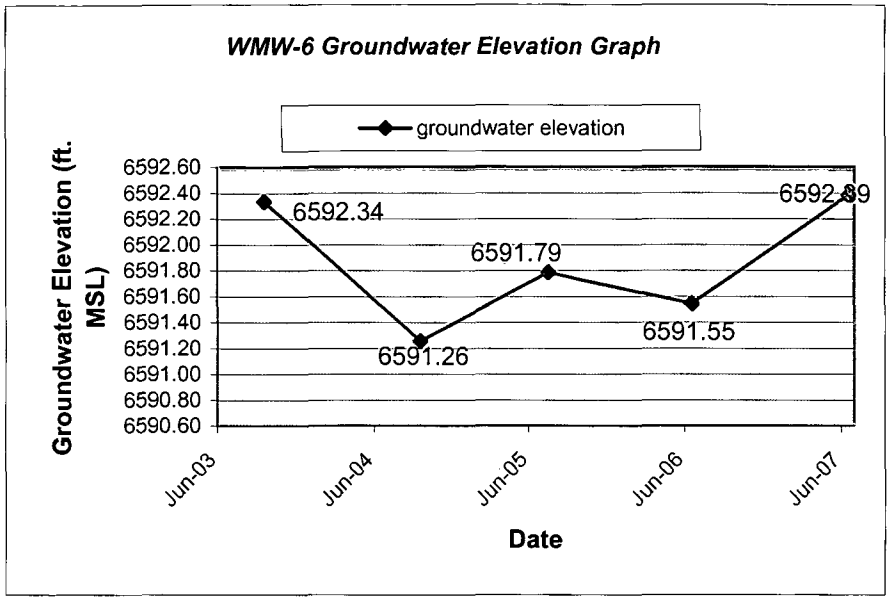


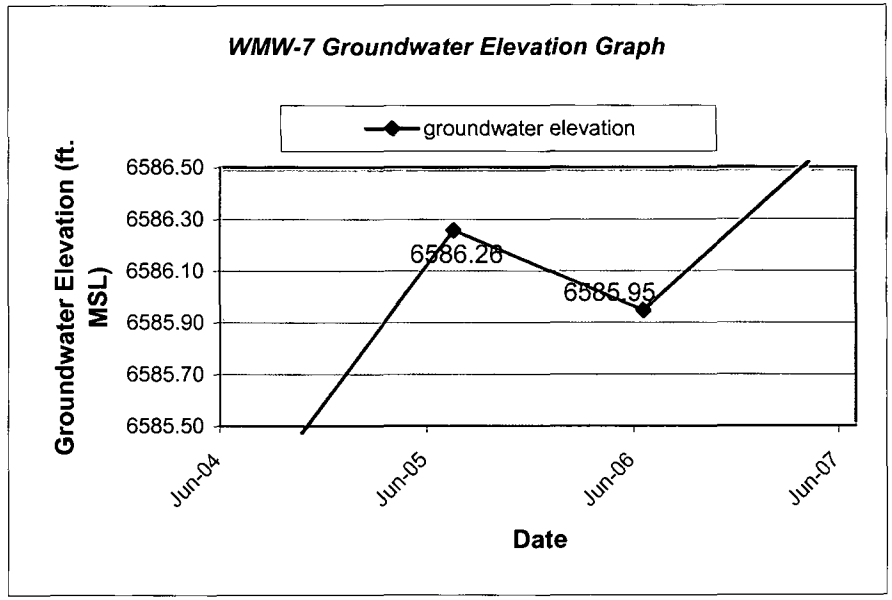


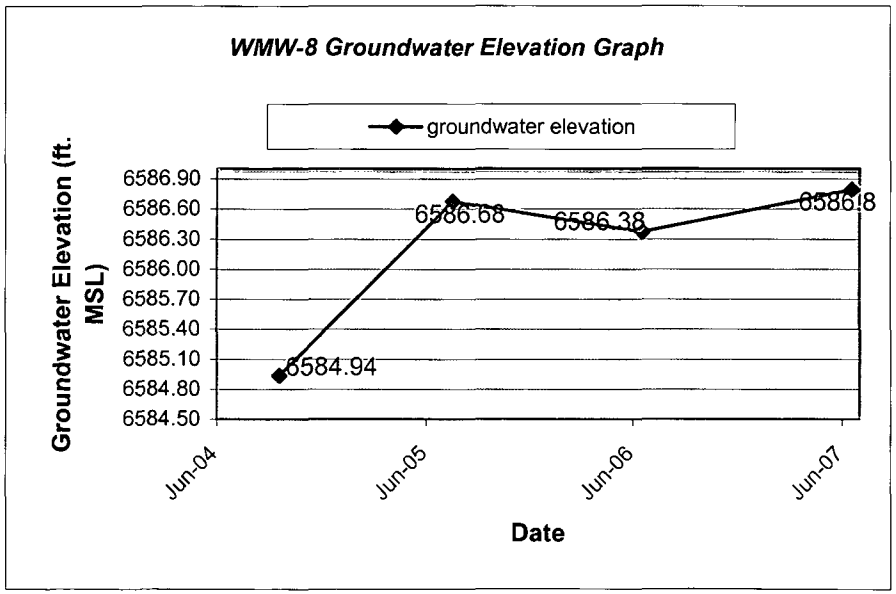




Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs







APPENDIX B

Laboratory Analytical Reports and Chain-of-Custody

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1043377. Samples arrived at the laboratory on Wednesday, June 20, 2007. The PO# for this group is 4508186179 and the release number is KINGER.

Client Description	Lancaster Labs Number
MWR-1 Grab Water Sample	5084682
MW-2 Grab Water Sample	5084683
MW-3 Grab Water Sample	5084684
Pond 1 Grab Water Sample	5084685
Pond 2 Grab Water Sample	5084686
WMW-8 Grab Water Sample	5084687

ELECTRONIC COPY TO Tetra Tech Attn: Kelly Blanchard

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425 Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Maria S. Lord
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084682

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 13:07 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:14
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MWR-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	0.000058	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	31.3	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	15.2	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	331.	4.33	10.0	mg/l	10
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.728	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.0176	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	0.0126	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
08161	Tot Coli/E. coli (Quanti-tray)	n.a.	See Below			/100ml	n.a.
	Total Coliform	< 1.0	/100ml				
	E. coli	< 1.0	/100ml				
00200	pH	n.a.	8.2	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	705.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	886.	38.8	120.	mg/l	1
00224	Chloride	16887-00-6	34.1	2.0	4.0	mg/l	10
00228	Sulfate	14808-79-8	58.8	1.5	5.0	mg/l	5
00235	Biochemical Oxygen Demand	n.a.	15.9	0.80	3.0	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04001	Chemical Oxygen Demand	n.a.	68.5	12.8	50.0	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084682

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 13:07 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:14
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MWR-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	59.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	29.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084682

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 13:07 by JB

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Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:14
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MWR-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	2.	2.	5.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	25.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084682

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 13:07 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:14
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MWR-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:51	Damary Valentin	1
01750	Calcium	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
01757	Magnesium	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
01767	Sodium	SW-846 6010B	1	07/02/2007 16:11	Eric L Eby	10
07035	Arsenic	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
07036	Selenium	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
07046	Barium	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
07051	Chromium	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
07055	Lead	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
07066	Silver	SW-846 6010B	2	07/02/2007 14:55	Tara L Snyder	1
08161	Tot Coli/E. coli (Quanti-tray)	SM20 9223 B	1	06/21/2007 14:30	Earl R Custer	n.a.
00200	pH	SM20 4500 H/B	1	06/20/2007 20:05	Luz M Groff	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084682

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 13:07 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:14
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MWR-1

00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/22/2007 08:44	Susan E Hibner	1
00224	Chloride	EPA 300.0	1	06/26/2007 14:31	Ashley M Heckman	10
00228	Sulfate	EPA 300.0	1	06/20/2007 23:05	Ashley M Heckman	5
00235	Biochemical Oxygen Demand	SM20 5210 B	1	06/21/2007 08:26	Susan E Hibner	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/20/2007 23:05	Ashley M Heckman	5
04001	Chemical Oxygen Demand	EPA 410.4	1	06/22/2007 07:35	Susan A Engle	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 07:48	William T Parker	1
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 03:14	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	06/21/2007 11:30	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2007 03:14	Stephanie A Selis	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/21/2007 23:55	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084683

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 14:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	6.73	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	3.41	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	284.	4.33	10.0	mg/l	10
07035	Arsenic	7440-38-2	0.0190	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.139	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
08161	Tot Coli/E. coli (Quanti-tray)	n.a.	See Below			/100ml	n.a.
	Total Coliform		< 1.0 /100ml				
	E. coli		< 1.0 /100ml				
00200	pH	n.a.	8.3	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	708.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	888.	38.8	120.	mg/l	1
00224	Chloride	16887-00-6	33.0	2.0	4.0	mg/l	10
00228	Sulfate	14808-79-8	13.3	1.5	5.0	mg/l	5
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.8	3.8	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	1.3	0.25	0.50	mg/l	5
04001	Chemical Oxygen Demand	n.a.	29.0	12.8	50.0	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084683

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 14:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	59.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	30.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084683

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 14:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	5.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084683

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 14:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:53	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2007 15:00	Tara L Snyder	1
01757	Magnesium	SW-846 6010B	1	07/02/2007 15:00	Tara L Snyder	1
01767	Sodium	SW-846 6010B	1	06/30/2007 10:28	Damary Valentin	10
07035	Arsenic	SW-846 6010B	2	07/02/2007 15:00	Tara L Snyder	1
07036	Selenium	SW-846 6010B	2	07/02/2007 15:00	Tara L Snyder	1
07046	Barium	SW-846 6010B	2	07/02/2007 15:00	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	2	07/02/2007 15:00	Tara L Snyder	1
07051	Chromium	SW-846 6010B	2	07/02/2007 15:00	Tara L Snyder	1
07055	Lead	SW-846 6010B	2	07/02/2007 15:00	Tara L Snyder	1
07066	Silver	SW-846 6010B	2	07/02/2007 15:00	Tara L Snyder	1
08161	Tot Coli/E. coli (Quanti-tray)	SM20 9223 B	1	06/21/2007 14:30	Earl R Custer	n.a.
00200	pH	SM20 4500 H/B	1	06/20/2007 20:05	Luz M Groff	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084683

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 14:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--2

00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/22/2007 08:44	Susan E Hibner	1
00224	Chloride	EPA 300.0	1	06/26/2007 15:00	Ashley M Heckman	10
00228	Sulfate	EPA 300.0	1	06/20/2007 23:48	Ashley M Heckman	5
00235	Biochemical Oxygen Demand	SM20 5210 B	1	06/21/2007 08:26	Susan E Hibner	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/20/2007 23:48	Ashley M Heckman	5
04001	Chemical Oxygen Demand	EPA 410.4	1	06/22/2007 07:35	Susan A Engle	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 08:10	William T Parker	1
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 04:01	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	06/21/2007 11:30	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2007 04:01	Stephanie A Selis	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/21/2007 23:55	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5084684

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 08:25 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	28.4	0.316	1.00	mg/l	5
01757	Magnesium	7439-95-4	13.5	0.0675	0.500	mg/l	5
01767	Sodium	7440-23-5	170.	2.17	5.00	mg/l	5
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.143	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	7.7	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	417.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	510.	9.7	30.0	mg/l	1
00224	Chloride	16887-00-6	22.1	1.0	2.0	mg/l	5
00228	Sulfate	14808-79-8	17.3	1.5	5.0	mg/l	5
00235	Biochemical Oxygen Demand	n.a.	N.D.	2.5	2.5	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04001	Chemical Oxygen Demand	n.a.	19.7	12.8	50.0	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084684

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 08:25 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	58.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	29.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	14.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	14.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	14.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084684

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 08:25 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	3.	2.	5.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084684

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 08:25 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.

Trip blank vials were not received by the laboratory for this sample group.
The sample submitted for total coliform bacteria/E. coli analysis was positive for chlorine, therefore the sample is considered invalid and cannot be analyzed.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:54	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/30/2007 10:33	Damary Valentin	5
01757	Magnesium	SW-846 6010B	1	06/30/2007 10:33	Damary Valentin	5
01767	Sodium	SW-846 6010B	1	06/30/2007 10:33	Damary Valentin	5
07035	Arsenic	SW-846 6010B	2	07/02/2007 15:14	Tara L Snyder	1
07036	Selenium	SW-846 6010B	2	07/02/2007 15:14	Tara L Snyder	1
07046	Barium	SW-846 6010B	2	07/02/2007 15:14	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	2	07/02/2007 15:14	Tara L Snyder	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084684

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 08:25 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

MW--3

07051	Chromium	SW-846 6010B	2	07/02/2007 15:14	Tara L Snyder	1
07055	Lead	SW-846 6010B	2	07/02/2007 15:14	Tara L Snyder	1
07066	Silver	SW-846 6010B	2	07/02/2007 15:14	Tara L Snyder	1
00200	pH	SM20 4500 H/B	1	06/20/2007 20:05	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/22/2007 08:44	Susan E Hibner	1
00224	Chloride	EPA 300.0	1	06/21/2007 00:03	Ashley M Heckman	5
00228	Sulfate	EPA 300.0	1	06/21/2007 00:03	Ashley M Heckman	5
00235	Biochemical Oxygen Demand	SM20 5210 B	1	06/20/2007 13:21	Susan A Engle	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2007 00:03	Ashley M Heckman	5
04001	Chemical Oxygen Demand	EPA 410.4	1	06/22/2007 07:35	Susan A Engle	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 08:32	William T Parker	1
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 04:25	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	06/21/2007 11:30	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2007 04:25	Stephanie A Selis	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/21/2007 23:55	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084685

Pond 1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 09:30 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	251.	0.316	1.00	mg/l	5
01757	Magnesium	7439-95-4	161.	0.0675	0.500	mg/l	5
01767	Sodium	7440-23-5	4,340.	86.6	200.	mg/l	200
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0667	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
08161	Tot Coli/E. coli (Quanti-tray)	n.a.	See Below			/100ml	n.a.
	Total Coliform	> 200.5	/100ml				
	E. coli	< 1.0	/100ml				
00200	pH	n.a.	9.8	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	34.6	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	103.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	19,700.	776.	2,400.	mg/l	10
00224	Chloride	16887-00-6	5,720.	200.	400.	mg/l	1000
00228	Sulfate	14808-79-8	5,860.	300.	1,000.	mg/l	1000
00235	Biochemical Oxygen Demand	n.a.	N.D.	9.8	9.8	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	1.3	0.25	0.50	mg/l	5
04001	Chemical Oxygen Demand	n.a.	462.	12.8	50.0	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084685

Pond 1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 09:30 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	60.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	30.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084685

Pond 1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 09:30 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	5.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084685

Pond 1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 09:30 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:55	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/30/2007 10:37	Damary Valentin	5
01757	Magnesium	SW-846 6010B	1	06/30/2007 10:37	Damary Valentin	5
01767	Sodium	SW-846 6010B	1	07/04/2007 06:08	Choon Y Tian	200
07035	Arsenic	SW-846 6010B	2	07/02/2007 15:19	Tara L Snyder	1
07036	Selenium	SW-846 6010B	2	07/02/2007 15:19	Tara L Snyder	1
07046	Barium	SW-846 6010B	2	07/02/2007 15:19	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	2	07/02/2007 15:19	Tara L Snyder	1
07051	Chromium	SW-846 6010B	2	07/02/2007 15:19	Tara L Snyder	1
07055	Lead	SW-846 6010B	2	07/02/2007 15:19	Tara L Snyder	1
07066	Silver	SW-846 6010B	2	07/02/2007 15:19	Tara L Snyder	1
08161	Tot Coli/E. coli (Quanti-tray)	SM20 9223 B	1	06/21/2007 14:30	Earl R Custer	n.a.
00200	pH	SM20 4500 H/B	1	06/20/2007 20:05	Luz M Groff	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084685

Pond 1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 09:30 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND1

00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/22/2007 08:44	Susan E Hibner	10
00224	Chloride	EPA 300.0	2	06/28/2007 08:49	Ashley M Heckman	1000
00228	Sulfate	EPA 300.0	1	06/28/2007 08:49	Ashley M Heckman	1000
00235	Biochemical Oxygen Demand	SM20 5210 B	1	06/20/2007 13:21	Susan A Engle	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2007 00:17	Ashley M Heckman	5
04001	Chemical Oxygen Demand	EPA 410.4	1	06/22/2007 07:35	Susan A Engle	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 08:54	William T Parker	1
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 04:48	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	06/21/2007 11:30	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2007 04:48	Stephanie A Selis	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/21/2007 23:55	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084686

Pond 2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 10:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	0.00012	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	34.4	0.632	2.00	mg/l	10
01757	Magnesium	7439-95-4	18.1	0.135	1.00	mg/l	10
01767	Sodium	7440-23-5	283.	4.33	10.0	mg/l	10
07035	Arsenic	7440-38-2	0.0193	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0591	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	0.0069	0.0016	0.0050	mg/l	1
08161	Tot Coli/E. coli (Quanti-tray)	n.a.	See Below			/100ml	n.a.
	Total Coliform		< 1.0 /100ml				
	E. coli		< 1.0 /100ml				
00200	pH	n.a.	7.9	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	416.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	361,000.	19,400.	60,000.	mg/l	100
00224	Chloride	16887-00-6	36,000.	2,000.	4,000.	mg/l	10000
00228	Sulfate	14808-79-8	19,600.	3,000.	10,000.	mg/l	10000
00235	Biochemical Oxygen Demand	n.a.	See below	8.0	30.0	mg/l	10
	BOD = <42.4 mg/L The biochemical oxygen demand result above is derived from the sample aliquots chosen for analysis. Each of the chosen aliquots produced 5-day residual dissolved oxygen readings that failed to deplete at least 2.0 mg/L from its initial dissolved oxygen reading as required by the method. Because repeat analysis within the 48-hour hold time is impossible, an estimated BOD result is reported at the client's request.						
00368	Nitrate Nitrogen	14797-55-8	N.D.	2.5	5.0	mg/l	50
	The reporting limit(s) for the analyte(s) above was raised due to matrix interference.						
04001	Chemical Oxygen Demand	n.a.	10,200.	640.	2,500.	mg/l	50
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084686

Pond 2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 10:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	59.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	29.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine.						

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084686

Pond 2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 10:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
	The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	5.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
	Surrogate recoveries were outside of QC limits for the GC/MS semivolatile compounds. The analysis was repeated outside of the required hold time and surrogate recoveries met requirements. The data reported is from the initial extraction of the sample.						
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	24.	10.	50.	ug/l	10
05386	Vinyl Chloride	75-01-4	N.D.	10.	50.	ug/l	10
05387	Bromomethane	74-83-9	N.D.	10.	50.	ug/l	10
05388	Chloroethane	75-00-3	N.D.	10.	50.	ug/l	10
05390	1,1-Dichloroethene	75-35-4	N.D.	8.	50.	ug/l	10
05391	Methylene Chloride	75-09-2	N.D.	20.	50.	ug/l	10
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	8.	50.	ug/l	10

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084686

Pond 2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 10:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	10.	50.	ug/l	10
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	8.	50.	ug/l	10
05396	Chloroform	67-66-3	N.D.	8.	50.	ug/l	10
05398	1,1,1-Trichloroethane	71-55-6	N.D.	8.	50.	ug/l	10
05399	Carbon Tetrachloride	56-23-5	N.D.	10.	50.	ug/l	10
05401	Benzene	71-43-2	N.D.	5.	50.	ug/l	10
05402	1,2-Dichloroethane	107-06-2	N.D.	10.	50.	ug/l	10
05403	Trichloroethene	79-01-6	N.D.	10.	50.	ug/l	10
05404	1,2-Dichloropropane	78-87-5	N.D.	10.	50.	ug/l	10
05406	Bromodichloromethane	75-27-4	N.D.	10.	50.	ug/l	10
05407	Toluene	108-88-3	N.D.	7.	50.	ug/l	10
05408	1,1,2-Trichloroethane	79-00-5	N.D.	8.	50.	ug/l	10
05409	Tetrachloroethene	127-18-4	N.D.	8.	50.	ug/l	10
05411	Dibromochloromethane	124-48-1	N.D.	10.	50.	ug/l	10
05413	Chlorobenzene	108-90-7	N.D.	8.	50.	ug/l	10
05415	Ethylbenzene	100-41-4	N.D.	8.	50.	ug/l	10
05418	Styrene	100-42-5	N.D.	10.	50.	ug/l	10
05419	Bromoform	75-25-2	N.D.	10.	50.	ug/l	10
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	10.	50.	ug/l	10
06302	Acetone	67-64-1	N.D.	60.	200.	ug/l	10
06303	Carbon Disulfide	75-15-0	N.D.	10.	50.	ug/l	10
06305	2-Butanone	78-93-3	N.D.	30.	100.	ug/l	10
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	10.	50.	ug/l	10
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	10.	50.	ug/l	10
06308	4-Methyl-2-pentanone	108-10-1	N.D.	30.	100.	ug/l	10
06309	2-Hexanone	591-78-6	N.D.	30.	100.	ug/l	10
06310	Xylene (Total)	1330-20-7	N.D.	8.	50.	ug/l	10

The reporting limits for the GC/MS volatile compounds were raised due to sample foaming.

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084686

Pond 2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 10:00 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

POND2

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:57	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/30/2007 10:47	Damary Valentin	10
01757	Magnesium	SW-846 6010B	1	06/30/2007 10:47	Damary Valentin	10
01767	Sodium	SW-846 6010B	1	06/30/2007 10:47	Damary Valentin	10
07035	Arsenic	SW-846 6010B	2	07/02/2007 15:24	Tara L Snyder	1
07036	Selenium	SW-846 6010B	2	07/02/2007 15:24	Tara L Snyder	1
07046	Barium	SW-846 6010B	2	07/02/2007 15:24	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	2	07/02/2007 15:24	Tara L Snyder	1
07051	Chromium	SW-846 6010B	2	07/02/2007 15:24	Tara L Snyder	1
07055	Lead	SW-846 6010B	2	07/02/2007 15:24	Tara L Snyder	1
07066	Silver	SW-846 6010B	2	07/02/2007 15:24	Tara L Snyder	1
08161	Tot Coli/E. coli (Quanti-tray)	SM20 9223 B	1	06/21/2007 14:30	Earl R Custer	n.a.
00200	pH	SM20 4500 H/B	1	06/20/2007 20:05	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/22/2007 08:44	Susan E Hibner	100
00224	Chloride	EPA 300.0	1	06/21/2007 12:51	Tonya M Beck	10000
00228	Sulfate	EPA 300.0	1	06/21/2007 11:32	Tonya M Beck	10000
00235	Biochemical Oxygen Demand	SM20 5210 B	1	06/21/2007 08:26	Susan E Hibner	10
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2007 10:40	Tonya M Beck	50
04001	Chemical Oxygen Demand	EPA 410.4	1	06/22/2007 07:35	Susan A Engle	50
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 13:01	Ryan P Byrne	1
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 21:35	Sara E Wolf	10
00813	BNA Water Extraction	SW-846 3510C	1	06/21/2007 11:30	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2007 21:35	Sara E Wolf	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/21/2007 23:55	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425. Lancaster. PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084687

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 11:15 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	295.	0.632	2.00	mg/l	10
01757	Magnesium	7439-95-4	186.	0.135	1.00	mg/l	10
01767	Sodium	7440-23-5	186.	4.33	10.0	mg/l	10
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.171	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	7.6	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	487.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	795.	19.4	60.0	mg/l	1
00224	Chloride	16887-00-6	28.5	1.0	2.0	mg/l	5
00228	Sulfate	14808-79-8	143.	6.0	20.0	mg/l	20
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	58.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084687

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 11:15 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	10.	29.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	4.	2.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084687

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 11:15 by JB

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ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5084687

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 11:15 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:58	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/30/2007 10:52	Damary Valentin	10
01757	Magnesium	SW-846 6010B	1	06/30/2007 10:52	Damary Valentin	10
01767	Sodium	SW-846 6010B	1	06/30/2007 10:52	Damary Valentin	10
07035	Arsenic	SW-846 6010B	2	07/02/2007 15:28	Tara L Snyder	1
07036	Selenium	SW-846 6010B	2	07/02/2007 15:28	Tara L Snyder	1
07046	Barium	SW-846 6010B	2	07/02/2007 15:28	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	2	07/02/2007 15:28	Tara L Snyder	1
07051	Chromium	SW-846 6010B	2	07/02/2007 15:28	Tara L Snyder	1
07055	Lead	SW-846 6010B	2	07/02/2007 15:28	Tara L Snyder	1
07066	Silver	SW-846 6010B	2	07/02/2007 15:28	Tara L Snyder	1
00200	pH	SM20 4500 H/B	1	06/20/2007 20:05	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/22/2007 08:44	Susan E Hibner	1
00224	Chloride	EPA 300.0	1	06/21/2007 01:15	Ashley M Heckman	5
00228	Sulfate	EPA 300.0	1	06/28/2007 09:20	Ashley M Heckman	20
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2007 01:15	Ashley M Heckman	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 14:39	Ryan P Byrne	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster. PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5084687

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/19/2007 11:15 by JB

Account Number: 11288

Submitted: 06/20/2007 10:15
Reported: 07/12/2007 at 10:15
Discard: 08/12/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-8

06291	TCL by 8260 (water)	SW-846 8260B	1	06/23/2007 13:12	Kenneth L Boley Jr	1
00813	BNA Water Extraction	SW-846 3510C	1	06/21/2007 11:30	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/23/2007 13:12	Kenneth L Boley Jr	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/21/2007 23:55	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster. PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07171020001A	Sample number(s): 5084682-5084686								
pH					100		99-101		
Batch number: 07171020001B	Sample number(s): 5084687								
pH					100		99-101		
Batch number: 07171023501A	Sample number(s): 5084684-5084685								
Biochemical Oxygen Demand					101	95	85-115	5	8
Batch number: 07171196601A	Sample number(s): 5084685,5084687								
Chloride	N.D.	0.20	0.40	mg/l	97		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	101		89-110		
Batch number: 07171196602B	Sample number(s): 5084682-5084687								
Chloride	N.D.	0.20	0.40	mg/l	97		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	101		89-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	106		90-110		
Batch number: 07171WAJ026	Sample number(s): 5084682-5084687								
4-Chloroaniline	N.D.	1.	5.	ug/l	62	66	42-115	5	30
Dibenzofuran	N.D.	1.	5.	ug/l	98	98	65-110	1	30
2-Methylnaphthalene	N.D.	1.	5.	ug/l	99	102	64-105	3	30
2-Nitroaniline	N.D.	1.	5.	ug/l	95	98	73-115	3	30
3-Nitroaniline	N.D.	1.	5.	ug/l	93	92	63-112	1	30
4-Nitroaniline	N.D.	1.	5.	ug/l	77	74	55-107	4	30
2,4,5-Trichlorophenol	N.D.	1.	5.	ug/l	94	96	70-115	2	30
2-Chlorophenol	N.D.	1.	5.	ug/l	93	94	63-112	1	30
Phenol	N.D.	1.	5.	ug/l	48	49	17-72	3	30
2-Nitrophenol	N.D.	1.	5.	ug/l	101	102	82-121	1	30
2,4-Dimethylphenol	N.D.	3.	10.	ug/l	86	89	60-107	4	30
2,4-Dichlorophenol	N.D.	1.	5.	ug/l	95	100	66-110	5	30
4-Chloro-3-methylphenol	N.D.	1.	5.	ug/l	94	98	72-114	4	30
2,4,6-Trichlorophenol	N.D.	1.	5.	ug/l	96	99	69-111	3	30
2,4-Dinitrophenol	N.D.	20.	60.	ug/l	84	88	52-124	5	30
4-Nitrophenol	N.D.	10.	30.	ug/l	43	46	9-78	8	30
4,6-Dinitro-2-methylphenol	N.D.	5.	15.	ug/l	91	95	74-122	5	30
Pentachlorophenol	N.D.	3.	15.	ug/l	85	88	48-108	4	30
bis(2-Chloroethyl)ether	N.D.	1.	5.	ug/l	93	91	57-110	2	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	92	91	52-106	0	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	92	91	54-103	1	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	90	91	58-100	1	30
Hexachloroethane	N.D.	1.	5.	ug/l	89	87	40-117	2	30
N-Nitroso-di-n-propylamine	N.D.	1.	5.	ug/l	91	89	56-109	2	30
Nitrobenzene	N.D.	1.	5.	ug/l	91	91	61-111	0	30
Isophorone	N.D.	1.	5.	ug/l	86	88	63-105	2	30
bis(2-Chloroethoxy)methane	N.D.	1.	5.	ug/l	97	98	69-119	1	30
1,2,4-Trichlorobenzene	N.D.	1.	5.	ug/l	93	96	61-113	3	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Naphthalene	N.D.	1.	5.	ug/l	95	96	68-108	1	30
Hexachlorobutadiene	N.D.	1.	5.	ug/l	95	96	40-127	1	30
Hexachlorocyclopentadiene	N.D.	5.	15.	ug/l	85	88	31-135	4	30
2-Chloronaphthalene	N.D.	2.	5.	ug/l	90	91	56-100	1	30
Acenaphthylene	N.D.	1.	5.	ug/l	98	99	76-117	1	30
Dimethylphthalate	N.D.	2.	5.	ug/l	88	91	56-113	3	30
2,6-Dinitrotoluene	N.D.	1.	5.	ug/l	97	100	70-108	3	30
Acenaphthene	N.D.	1.	5.	ug/l	100	99	68-111	1	30
2,4-Dinitrotoluene	N.D.	1.	5.	ug/l	98	100	75-122	2	30
Fluorene	N.D.	1.	5.	ug/l	100	101	75-112	1	30
4-Chlorophenyl-phenylether	N.D.	2.	5.	ug/l	101	101	65-110	0	30
Diethylphthalate	N.D.	2.	5.	ug/l	98	97	61-110	1	30
N-Nitrosodiphenylamine	N.D.	2.	5.	ug/l	97	99	75-112	2	30
4-Bromophenyl-phenylether	N.D.	1.	5.	ug/l	103	102	67-110	1	30
Hexachlorobenzene	N.D.	1.	5.	ug/l	101	104	68-113	3	30
Phenanthrene	N.D.	1.	5.	ug/l	99	99	68-111	0	30
Anthracene	N.D.	1.	5.	ug/l	98	97	68-108	1	30
Di-n-butylphthalate	N.D.	2.	5.	ug/l	99	97	63-113	2	30
Fluoranthene	N.D.	1.	5.	ug/l	90	91	66-108	1	30
Pyrene	N.D.	1.	5.	ug/l	103	101	68-114	2	30
Butylbenzylphthalate	N.D.	2.	5.	ug/l	93	92	63-120	2	30
Benzo(a)anthracene	N.D.	1.	5.	ug/l	93	93	71-113	1	30
Chrysene	N.D.	1.	5.	ug/l	100	101	70-111	0	30
3,3'-Dichlorobenzidine	N.D.	2.	5.	ug/l	56	58	52-113	3	30
bis(2-Ethylhexyl)phthalate	N.D.	2.	5.	ug/l	93	92	62-126	1	30
Di-n-octylphthalate	N.D.	2.	5.	ug/l	94	95	58-118	1	30
Benzo(b)fluoranthene	N.D.	1.	5.	ug/l	93	92	65-122	1	30
Benzo(k)fluoranthene	N.D.	1.	5.	ug/l	97	107	67-120	10	30
Benzo(a)pyrene	N.D.	1.	5.	ug/l	96	99	68-121	3	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	5.	ug/l	90	92	64-125	3	30
Dibenz(a,h)anthracene	N.D.	1.	5.	ug/l	95	97	70-131	3	30
Benzo(g,h,i)perylene	N.D.	1.	5.	ug/l	98	99	67-126	1	30
2-Methylphenol	N.D.	1.	5.	ug/l	84	88	56-105	4	30
2,2'-oxybis(1-Chloropropane)	N.D.	1.	5.	ug/l	81	76	45-147	6	30
4-Methylphenol	N.D.	2.	5.	ug/l	83	85	51-98	2	30
Carbazole	N.D.	1.	5.	ug/l	94	96	66-109	2	30
Batch number: 07172023501A	Sample number(s): 5084682-5084683,5084686								
Biochemical Oxygen Demand					102	104	85-115	2	8
Batch number: 071721848006	Sample number(s): 5084682-5084687								
Calcium	N.D.	0.0632	0.200	mg/l	98		90-112		
Magnesium	0.0224	0.0135	0.100	mg/l	94		89-110		
Sodium	0.701	0.433	1.00	mg/l	112		80-120		
Arsenic	N.D.	0.0100	0.0200	mg/l	98		90-119		
Selenium	N.D.	0.0094	0.0200	mg/l	98		80-120		
Barium	N.D.	0.00060	0.0050	mg/l	97		90-110		
Cadmium	N.D.	0.00090	0.0050	mg/l	100		90-112		
Chromium	N.D.	0.0023	0.0150	mg/l	101		90-110		
Lead	N.D.	0.0069	0.0150	mg/l	96		90-113		
Silver	N.D.	0.0016	0.0050	mg/l	98		90-118		
Batch number: 071725713003	Sample number(s): 5084682-5084687								
Mercury	N.D.	0.00005 6	0.00020	mg/l	107		80-120		

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07173020201A	Sample number(s): 5084682-5084687								
Alkalinity to pH 4.5					101		98-103		
Batch number: 07173021201A	Sample number(s): 5084682-5084687								
Total Dissolved Solids	N.D.	9.7	30.0	mg/l	102		80-120		
Batch number: 07173400101A	Sample number(s): 5084682-5084683								
Chemical Oxygen Demand					103		94-110		
Batch number: 07173400101B	Sample number(s): 5084684-5084686								
Chemical Oxygen Demand					103		94-110		
Batch number: W071741AA	Sample number(s): 5084687								
Chloromethane	N.D.	1.	5.	ug/l	72		47-132		
Vinyl Chloride	N.D.	1.	5.	ug/l	75		54-123		
Bromomethane	N.D.	1.	5.	ug/l	80		47-129		
Chloroethane	N.D.	1.	5.	ug/l	84		57-125		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	97		76-122		
Methylene Chloride	N.D.	2.	5.	ug/l	99		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	98		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	107		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	97		84-117		
Chloroform	N.D.	0.8	5.	ug/l	108		86-124		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	103		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	100		77-130		
Benzene	N.D.	0.5	5.	ug/l	99		78-119		
1,2-Dichloroethane	N.D.	1.	5.	ug/l	120		77-132		
Trichloroethene	N.D.	1.	5.	ug/l	101		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	104		80-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	107		83-121		
Toluene	N.D.	0.7	5.	ug/l	97		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	101		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	93		74-125		
Dibromochloromethane	N.D.	1.	5.	ug/l	104		78-119		
Chlorobenzene	N.D.	0.8	5.	ug/l	98		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	96		82-119		
Styrene	N.D.	1.	5.	ug/l	88		82-111		
Bromoform	N.D.	1.	5.	ug/l	90		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	103		72-119		
Acetone	N.D.	6.	20.	ug/l	173		32-200		
Carbon Disulfide	N.D.	1.	5.	ug/l	91		69-119		
2-Butanone	N.D.	3.	10.	ug/l	125		52-163		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	101		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	97		78-114		
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	104		70-130		
2-Hexanone	N.D.	3.	10.	ug/l	111		61-140		
Xylene (Total)	N.D.	0.8	5.	ug/l	94		83-113		
Batch number: W071762AA	Sample number(s): 5084682-5084685								
Chloromethane	N.D.	1.	5.	ug/l	82	86	47-132	5	30
Vinyl Chloride	N.D.	1.	5.	ug/l	85	86	54-123	2	30
Bromomethane	N.D.	1.	5.	ug/l	90	89	47-129	1	30
Chloroethane	N.D.	1.	5.	ug/l	92	90	57-125	2	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	102	103	76-122	2	30

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methylene Chloride	N.D.	2.	5.	ug/l	100	103	85-120	3	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	100	99	83-117	1	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	108	110	83-127	2	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	101	99	84-117	2	30
Chloroform	N.D.	0.8	5.	ug/l	107	109	86-124	1	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	104	104	83-127	0	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	102	102	77-130	0	30
Benzene	N.D.	0.5	5.	ug/l	100	100	78-119	0	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	122	122	77-132	0	30
Trichloroethene	N.D.	1.	5.	ug/l	105	101	87-117	4	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	103	104	80-117	0	30
Bromodichloromethane	N.D.	1.	5.	ug/l	110	106	83-121	4	30
Toluene	N.D.	0.7	5.	ug/l	98	97	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	100	99	86-113	1	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	89	91	74-125	2	30
Dibromochloromethane	N.D.	1.	5.	ug/l	102	101	78-119	1	30
Chlorobenzene	N.D.	0.8	5.	ug/l	97	98	85-115	1	30
Ethylbenzene	N.D.	0.8	5.	ug/l	98	97	82-119	1	30
Styrene	N.D.	1.	5.	ug/l	86	87	82-111	1	30
Bromoform	N.D.	1.	5.	ug/l	86	86	69-118	0	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	103	104	72-119	1	30
Acetone	N.D.	6.	20.	ug/l	109	124	32-200	13	30
Carbon Disulfide	N.D.	1.	5.	ug/l	89	88	69-119	0	30
2-Butanone	N.D.	3.	10.	ug/l	101	104	52-163	3	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	95	96	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	96	97	78-114	1	30
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	101	101	70-130	0	30
2-Hexanone	N.D.	3.	10.	ug/l	100	102	61-140	2	30
Xylene (Total)	N.D.	0.8	5.	ug/l	95	96	83-113	1	30
Batch number: W071771AA	Sample number(s): 5084686								
Chloromethane	N.D.	1.	5.	ug/l	101	97	47-132	3	30
Vinyl Chloride	N.D.	1.	5.	ug/l	96	100	54-123	4	30
Bromomethane	N.D.	1.	5.	ug/l	89	93	47-129	4	30
Chloroethane	N.D.	1.	5.	ug/l	93	94	57-125	2	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	110	117	76-122	7	30
Methylene Chloride	N.D.	2.	5.	ug/l	104	105	85-120	1	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	109	109	83-117	0	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	109	108	83-127	0	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	105	107	84-117	1	30
Chloroform	N.D.	0.8	5.	ug/l	109	112	86-124	2	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	112	114	83-127	1	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	115	116	77-130	1	30
Benzene	N.D.	0.5	5.	ug/l	104	105	78-119	1	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	119	120	77-132	1	30
Trichloroethene	N.D.	1.	5.	ug/l	110	110	87-117	0	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	107	109	80-117	2	30
Bromodichloromethane	N.D.	1.	5.	ug/l	115	116	83-121	1	30
Toluene	N.D.	0.7	5.	ug/l	103	103	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	104	106	86-113	2	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	94	98	74-125	4	30
Dibromochloromethane	N.D.	1.	5.	ug/l	109	110	78-119	2	30
Chlorobenzene	N.D.	0.8	5.	ug/l	101	103	85-115	2	30
Ethylbenzene	N.D.	0.8	5.	ug/l	102	103	82-119	1	30
Styrene	N.D.	1.	5.	ug/l	95	95	82-111	0	30

*- Outside of specification
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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	N.D.	1.	5.	ug/l	92	92	69-118	0	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	106	108	72-119	1	30
Acetone	N.D.	6.	20.	ug/l	122	129	32-200	5	30
Carbon Disulfide	N.D.	1.	5.	ug/l	98	100	69-119	1	30
2-Butanone	N.D.	3.	10.	ug/l	108	111	52-163	3	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	109	110	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	107	109	78-114	2	30
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	105	106	70-130	1	30
2-Hexanone	N.D.	3.	10.	ug/l	106	108	61-140	2	30
Xylene (Total)	N.D.	0.8	5.	ug/l	101	101	83-113	1	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07171020001A	Sample number(s): 5084682-5084686 BKG: P084581								
pH						6.5	6.5	0	1
Batch number: 07171020001B	Sample number(s): 5084687 BKG: 5084687								
pH						7.6	7.7	0	1
Batch number: 07171023501A	Sample number(s): 5084684-5084685 UNSPK: P083557 BKG: P084419								
Biochemical Oxygen Demand	104	107	77-142	2	8	215.	218.	1	14
Batch number: 07171196601A	Sample number(s): 5084685,5084687 UNSPK: P084568 BKG: P084568								
Chloride	78*		90-110			36.1	36.0	0	3
Sulfate	94		90-110			14.0	13.7	2 (1)	3
Batch number: 07171196602B	Sample number(s): 5084682-5084687 UNSPK: 5084682 BKG: 5084682								
Chloride	95		90-110			34.1	30.9	10*	3
Sulfate	83*		90-110			58.8	58.3	1	3
Nitrate Nitrogen	109		90-110			N.D.	N.D.	0 (1)	2
Batch number: 07172023501A	Sample number(s): 5084682-5084683,5084686 UNSPK: P084626 BKG: P084937								
Biochemical Oxygen Demand	104	99	77-142	4	8	3,070.	3,080.	0	14
Batch number: 071721848006	Sample number(s): 5084682-5084687 UNSPK: P084646 BKG: P084646								
Calcium	(2)	(2)	75-125	0	20	163.	162.	0	20
Magnesium	(2)	(2)	75-125	0	20	104.	104.	0	20
Sodium	(2)	(2)	75-125	6	20	102.	98.4	3	20
Arsenic	98	102	75-125	3	20	0.0172	0.0115	40* (1)	20
Selenium	97	99	75-125	2	20	N.D.	N.D.	66* (1)	20
Barium	98	99	75-125	0	20	0.0660	0.0647	2	20
Cadmium	97	100	83-116	3	20	N.D.	N.D.	176* (1)	20
Chromium	99	101	81-120	2	20	N.D.	N.D.	200* (1)	20
Lead	96	94	75-125	2	20	0.0128	0.0134	4 (1)	20
Silver	101	101	75-125	0	20	N.D.	N.D.	131* (1)	20
Batch number: 071725713003	Sample number(s): 5084682-5084687 UNSPK: P083611 BKG: P083611								

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(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Mercury	115	110	80-120	4	20	N.D.	N.D.	38* (1)	20
Batch number: 07173020201A	Sample number(s): 5084682-5084687 UNSPK: P084754 BKG: P084754								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	99	99	64-130	0	2	48.5	49.0	1	4
Batch number: 07173021201A	Sample number(s): 5084682-5084687 UNSPK: P084860 BKG: P084860								
Total Dissolved Solids	-29*	100	54-143	170*	12	81.5	82.5	1 (1)	9
Batch number: 07173400101A	Sample number(s): 5084682-5084683 UNSPK: P082639 BKG: P082639								
Chemical Oxygen Demand	93		90-110			1,340.	1,250.	7* (1)	5
Batch number: 07173400101B	Sample number(s): 5084684-5084686 UNSPK: P084689 BKG: P082639								
Chemical Oxygen Demand	96		90-110			1,340.	1,250.	7* (1)	5
Batch number: W071741AA	Sample number(s): 5084687 UNSPK: P084433								
Chloromethane	82	82	46-149	0	30				
Vinyl Chloride	86	88	54-143	3	30				
Bromomethane	91	89	52-141	2	30				
Chloroethane	95	92	56-140	4	30				
1,1-Dichloroethene	114	111	87-145	2	30				
Methylene Chloride	101	99	79-133	2	30				
trans-1,2-Dichloroethene	108	107	82-133	1	30				
1,1-Dichloroethane	116	115	85-135	0	30				
cis-1,2-Dichloroethene	104	102	83-126	2	30				
Chloroform	116	114	83-139	2	30				
1,1,1-Trichloroethane	115	113	81-142	1	30				
Carbon Tetrachloride	114	114	82-149	0	30				
Benzene	106	105	83-128	1	30				
1,2-Dichloroethane	127	124	70-143	2	30				
Trichloroethene	107	107	83-136	1	30				
1,2-Dichloropropane	109	107	83-129	1	30				
Bromodichloromethane	114	112	80-129	1	30				
Toluene	104	102	83-127	1	30				
1,1,2-Trichloroethane	106	102	77-125	3	30				
Tetrachloroethene	97	95	78-133	2	30				
Dibromochloromethane	108	108	82-119	0	30				
Chlorobenzene	103	102	83-120	0	30				
Ethylbenzene	104	104	82-129	0	30				
Styrene	91	91	69-131	0	30				
Bromoform	92	93	64-119	1	30				
1,1,2,2-Tetrachloroethane	109	107	73-121	2	30				
Acetone	112	109	48-143	3	30				
Carbon Disulfide	103	102	74-135	1	30				
2-Butanone	107	105	57-137	1	30				
trans-1,3-Dichloropropene	100	101	77-123	1	30				
cis-1,3-Dichloropropene	101	101	80-126	1	30				
4-Methyl-2-pentanone	108	107	68-133	1	30				
2-Hexanone	108	108	60-135	0	30				
Xylene (Total)	100	100	82-130	0	30				
Batch number: W071762AA	Sample number(s): 5084682-5084685 UNSPK: 5084682								

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Chloromethane	105		46-149						
Vinyl Chloride	104		54-143						
Bromomethane	99		52-141						
Chloroethane	107		56-140						
1,1-Dichloroethene	120		87-145						
Methylene Chloride	105		79-133						
trans-1,2-Dichloroethene	115		82-133						
1,1-Dichloroethane	121		85-135						
cis-1,2-Dichloroethene	109		83-126						
Chloroform	119		83-139						
1,1,1-Trichloroethane	121		81-142						
Carbon Tetrachloride	122		82-149						
Benzene	112		83-128						
1,2-Dichloroethane	131		70-143						
Trichloroethene	116		83-136						
1,2-Dichloropropane	114		83-129						
Bromodichloromethane	118		80-129						
Toluene	110		83-127						
1,1,2-Trichloroethane	107		77-125						
Tetrachloroethene	104		78-133						
Dibromochloromethane	111		82-119						
Chlorobenzene	109		83-120						
Ethylbenzene	109		82-129						
Styrene	95		69-131						
Bromoform	96		64-119						
1,1,2,2-Tetrachloroethane	107		73-121						
Acetone	112		48-143						
Carbon Disulfide	110		74-135						
2-Butanone	105		57-137						
trans-1,3-Dichloropropene	104		77-123						
cis-1,3-Dichloropropene	105		80-126						
4-Methyl-2-pentanone	106		68-133						
2-Hexanone	105		60-135						
Xylene (Total)	106		82-130						

Batch number: W071771AA Sample number(s): 5084686 UNSPK: P087366

Chloromethane	119	46-149
Vinyl Chloride	105	54-143
Bromomethane	105	52-141
Chloroethane	105	56-140
1,1-Dichloroethene	125	87-145
Methylene Chloride	105	79-133
trans-1,2-Dichloroethene	121	82-133
1,1-Dichloroethane	119	85-135
cis-1,2-Dichloroethene	113	83-126
Chloroform	118	83-139
1,1,1-Trichloroethane	125	81-142
Carbon Tetrachloride	126	82-149
Benzene	111	83-128
1,2-Dichloroethane	125	70-143
Trichloroethene	117	83-136
1,2-Dichloropropane	113	83-129

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Bromodichloromethane	115		80-129						
Toluene	107		83-127						
1,1,2-Trichloroethane	107		77-125						
Tetrachloroethene	100		78-133						
Dibromochloromethane	102		82-119						
Chlorobenzene	105		83-120						
Ethylbenzene	107		82-129						
Styrene	97		69-131						
Bromoform	75		64-119						
1,1,2,2-Tetrachloroethane	107		73-121						
Acetone	105		48-143						
Carbon Disulfide	107		74-135						
2-Butanone	101		57-137						
trans-1,3-Dichloropropene	99		77-123						
cis-1,3-Dichloropropene	101		80-126						
4-Methyl-2-pentanone	107		68-133						
2-Hexanone	103		60-135						
Xylene (Total)	106		82-130						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TCL SW846 Semivolatiles/Waters
Batch number: 07171WAJ026

	2-Fluorophenol	Phenol-d6	2,4,6-Tribromophenol	Nitrobenzene-d5
5084682	52	37	94	83
5084683	52	36	92	86
5084684	54	36	84	81
5084685	44	37	68	70
5084686	19	24	23*	20*
5084687	53	34	83	80
Blank	53	36	95	82
LCS	60	41	96	87
LCSD	61	43	98	91
Limits:	10-101	10-82	31-148	51-123

	2-Fluorobiphenyl	Terphenyl-d14
5084682	85	80
5084683	85	95
5084684	81	78
5084685	74	83
5084686	23*	20*
5084687	82	77
Blank	85	94

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043377
Reported: 07/12/07 at 10:15 AM

Surrogate Quality Control

LCS	90	95		
LCSD	88	93		
Limits:	64-112	52-151		

Analysis Name: TCL by 8260 (water)
Batch number: W071741AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5084687	93	87	92	88
Blank	93	90	92	89
LCS	94	88	94	93
MS	93	90	93	92
MSD	93	90	95	93
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TCL by 8260 (water)
Batch number: W071762AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5084682	93	87	92	89
5084683	93	87	92	88
5084684	93	88	91	87
5084685	94	88	91	89
Blank	93	88	91	87
LCS	94	88	92	92
LCSD	93	88	93	93
MS	94	89	93	93
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TCL by 8260 (water)
Batch number: W071771AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5084686	93	87	92	92
Blank	93	87	91	92
LCS	93	86	92	93
LCSD	94	89	93	94
MS	96	91	91	94
Limits:	80-116	77-113	80-113	78-113

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Lancaster Laboratories

Analysis Request / Environmental Services Chain of Custody

COC#: 236

NOTE: This COC is based on your requested bottles and analyses.
If your project scope changes, please document below.

Group# 1043377

Sample #s 5084682-87

Client: Tetra Tech, Inc. Acct: 11288

Project Name: 6051-Gallup, NM PWSID #: _____

Project Manager: Kelly Henderson P.O.# _____

Sampler: Jonni Berlin + Ana Moreno Quote #: 146767

Name of State where samples were collected: New Mexico

SF#: 66703

SCR#: 44269

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Comments:

Temperature of samples upon receipt (if requested)

Remarks:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Other	Total # of Containers	Analyses Requested / Preservation Codes: H	O	N						S		
									Volatile Organics	TCL SVOAs	RCRA metals+Ca/Mg/Na	Alkalinity	Cl, NO_3, SO_4	TDS, pH	Total Coliform Bacteria	BOD	COD		
MWR-1	6/19/07	1307	X			X			X	X	X	X	X	X	X	X	X		
MW-2	6/19/07	1400	X			X			X	X	X	X	X	X	X	X	X		
MW-3	6/19/07	825	X			X			X	X	X	X	X	X	X	X	X		
~~MWS-1~~									X	X	X	X	X	X	X	X	X		
~~MWS-2~~									X	X	X	X	X	X	X	X	X		
Pond 1	6/19/07	9:30	X			X			X	X	X	X	X	X	X	X	X		
Pond 2	6/19/07	10:00	X			X			X	X	X	X	X	X	X	X	X		
~~WMW-1~~									X	X	X	X	X	X					
~~WMW-2~~									X	X	X	X	X	X					
~~WMW-3~~									X	X	X	X	X	X					

Turnaround Time Requested (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date Results are needed: _____
Rush results requested by (please circle): Phone Fax Email
Phone #: _____ Fax#: _____
Email address: _____

Data Package Options (please circle if required)
Type I (validation/NJ Reg) Type VI(Raw Data)
Type II (Tier II) Type III (Reduced NJ) Type
IV (CLP SOW)

SDG Complete? Yes No

TX TRRP-13
MA MCP
CT RCP
Site-specific QC Required (MS/MSD/DUP)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody Required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
Ana Moreno	6/19	1600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Kathy Bink	6-20-07	1015

Copies: White copy should accompany samples to Lancaster Laboratories. The yellow copy should be retained by the samplers.

Lancaster Laboratories

Analysis Request / Environmental Services Chain of Custody

COC#: 236

NOTE: This COC is based on your requested bottles and analyses. If your project scope changes, please document below.

Group# 1043377

Sample #s 5084682-87

Client: Tetra Tech, Inc. Acct: 11288

Project Name: 6051-Gallup, NM PWSID #: _____

Project Manager: Kelly Henderson P.O.# _____

Sampler: Jenni Berlin + Ara Moreno Quote #: 146767

Name of State where samples were collected: New Mexico

SF#: 66703

SCR#: 44269

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Other	Total # of Containers	Analyses Requested / Preservation Codes: Volatile Organics (H)	TCL SVOAs (H)	RCRA metals+Ca/Mg/Na (N)	Alkalinity	Cl, NO_3, SO_4	TDS, pH							Temperature of samples upon receipt (if requested)
WMW-4									X	X	X	X	X	X							
WMW-5									X	X	X	X	X	X							
WMW-6									X	X	X	X	X	X							
WMW-7									X	X	X	X	X	X							
WMW-8	6/19/07	11:15	X			X			X	X	X	X	X	X							
Duplicate									X												
Trip									X												

Preservation Codes: H=HCl T=Thiosulfate; N=HNO_3 B=NaOH; S=H_2SO_4 O=Other

Comments:

Remarks:

Turnaround Time Requested (TAT) (please circle): Normal Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date Results are needed: _____

Rush results requested by (please circle): Phone Fax Email

Phone #: _____ Fax#: _____

Email address: _____

Data Package Options (please circle if required)

Type I (validation/NJ Reg) Type VI(Raw Data)

Type II (Tier II) Type III (Reduced NJ) Type IV (CLP SOW)

SDG Complete? Yes No

TX TRRP-13 MA MCP CT RCP

Site-specific QC Required (MS/MSD/DUP)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal Chain of Custody Required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
Jenni R Bl	6/19	1600			

Relinquished by:	Date	Time	Received by:	Date	Time
			Kathy Blinkoff	6-20-07	1015

Copies: White copy should accompany samples to Lancaster Laboratories. The yellow copy should be retained by the samplers.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1043154. Samples arrived at the laboratory on Tuesday, June 19, 2007. The PO# for this group is 4508186179 and the release number is KINGER.

Client Description	Lancaster Labs Number
WMW-1 Water Sample	5083608
WMW-5 Water Sample	5083609
WMW-6 Water Sample	5083610
WMW-7 Water Sample	5083611

ELECTRONIC COPY TO Tetra Tech Attn: Kelly Blanchard

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Marla S. Lord
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5083608

WMW-1 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:42 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	287.	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	77.2	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	1,360.	21.7	50.0	mg/l	50
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0317	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	0.0018	0.0016	0.0050	mg/l	1
00200	pH	n.a.	7.2	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	1,050.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	5,130.	194.	600.	mg/l	1
00224	Chloride	16887-00-6	579.	50.0	100.	mg/l	250
00228	Sulfate	14808-79-8	1,880.	75.0	250.	mg/l	250
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	58.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083608

WMW-1 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:42 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	10.	29.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	14.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	14.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	14.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083608

WMW-1 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:42 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5083608

WMW-1 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:42 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:36	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
01757	Magnesium	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
01767	Sodium	SW-846 6010B	1	06/22/2007 03:39	Choon Y Tian	50
07035	Arsenic	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
07046	Barium	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
07049	Cadmium	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2007 02:33	Choon Y Tian	1
00200	pH	SM20 4500 H/B	1	06/19/2007 18:45	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/19/2007 12:03	Susan E Hibner	1
00224	Chloride	EPA 300.0	1	06/28/2007 07:32	Ashley M Heckman	250
00228	Sulfate	EPA 300.0	1	06/28/2007 07:32	Ashley M Heckman	250
00368	Nitrate Nitrogen	EPA 300.0	1	06/20/2007 13:43	Ashley M Heckman	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/24/2007 23:04	William T Parker	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083608

WMW-1 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:42 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-1

06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 00:22	Parker D Lindstrom	1
00813	BNA Water Extraction	SW-846 3510C	1	06/20/2007 15:00	Emma L Eck	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/25/2007 00:22	Parker D Lindstrom	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/20/2007 23:20	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5083609

WMW-5 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	253.	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	69.0	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	1,170.	21.7	50.0	mg/l	50
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0213	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	7.2	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	796.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	4,380.	194.	600.	mg/l	1
00224	Chloride	16887-00-6	383.	50.0	100.	mg/l	250
00228	Sulfate	14808-79-8	1,730.	75.0	250.	mg/l	250
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	61.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083609

WMW-5 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	10.	30.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	6.	2.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083609

WMW-5 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083609

WMW-5 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:38	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
01757	Magnesium	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
01767	Sodium	SW-846 6010B	1	06/22/2007 03:49	Choon Y Tian	50
07035	Arsenic	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
07046	Barium	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
07049	Cadmium	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2007 02:37	Choon Y Tian	1
00200	pH	SM20 4500 H/B	1	06/19/2007 18:45	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/19/2007 12:03	Susan E Hibner	1
00224	Chloride	EPA 300.0	1	06/28/2007 07:47	Ashley M Heckman	250
00228	Sulfate	EPA 300.0	1	06/28/2007 07:47	Ashley M Heckman	250
00368	Nitrate Nitrogen	EPA 300.0	1	06/20/2007 13:58	Ashley M Heckman	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/24/2007 23:26	William T Parker	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083609

WMW-5 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 13:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
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Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-5

06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 00:46	Parker D Lindstrom	1
00813	BNA Water Extraction	SW-846 3510C	1	06/20/2007 15:00	Emma L Eck	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/25/2007 00:46	Parker D Lindstrom	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/20/2007 23:20	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster. PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5083610

WMW-6 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 15:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	44.3	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	15.5	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	320.	4.33	10.0	mg/l	10
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0637	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	7.7	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	449.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	1,070.	38.8	120.	mg/l	1
00224	Chloride	16887-00-6	66.7	10.0	20.0	mg/l	50
00228	Sulfate	14808-79-8	280.	15.0	50.0	mg/l	25
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	60.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083610

WMW-6 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 15:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	10.	30.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	23.	2.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083610

WMW-6 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 15:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083610

WMW-6 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 15:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:40	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
01757	Magnesium	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
01767	Sodium	SW-846 6010B	1	06/22/2007 04:03	Choon Y Tian	10
07035	Arsenic	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
07046	Barium	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
07049	Cadmium	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2007 02:42	Choon Y Tian	1
00200	pH	SM20 4500 H/B	1	06/19/2007 18:45	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/21/2007 08:40	Susan A Engle	1
00224	Chloride	EPA 300.0	1	06/26/2007 13:34	Ashley M Heckman	50
00228	Sulfate	EPA 300.0	1	06/28/2007 08:03	Ashley M Heckman	25
00368	Nitrate Nitrogen	EPA 300.0	1	06/20/2007 14:12	Ashley M Heckman	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/24/2007 23:47	William T Parker	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5083610

WMW-6 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 15:05 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-6

06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 01:10	Parker D Lindstrom	1
00813	BNA Water Extraction	SW-846 3510C	1	06/20/2007 15:00	Emma L Eck	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/25/2007 01:10	Parker D Lindstrom	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/20/2007 23:20	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5083611

WMW-7 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 14:17 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	42.9	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	21.8	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	773.	21.7	50.0	mg/l	50
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0339	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	7.7	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	643.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	2,310.	77.6	240.	mg/l	1
00224	Chloride	16887-00-6	152.	20.0	40.0	mg/l	100
00228	Sulfate	14808-79-8	896.	30.0	100.	mg/l	100
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	58.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083611

WMW-7 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 14:17 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	10.	29.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	14.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	14.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	14.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	6.	2.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083611

WMW-7 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 14:17 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083611

WMW-7 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 14:17 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/22/2007 08:41	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
01757	Magnesium	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
01767	Sodium	SW-846 6010B	1	06/22/2007 04:08	Choon Y Tian	50
07035	Arsenic	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
07046	Barium	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
07049	Cadmium	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2007 02:47	Choon Y Tian	1
00200	pH	SM20 4500 H/B	1	06/19/2007 19:40	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/22/2007 15:48	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/21/2007 08:40	Susan A Engle	1
00224	Chloride	EPA 300.0	1	06/26/2007 13:48	Ashley M Heckman	100
00228	Sulfate	EPA 300.0	1	06/28/2007 08:18	Ashley M Heckman	100
00368	Nitrate Nitrogen	EPA 300.0	1	06/20/2007 14:27	Ashley M Heckman	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/25/2007 00:09	William T Parker	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5083611

WMW-7 Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/18/2007 14:17 by JB

Account Number: 11288

Submitted: 06/19/2007 09:55
Reported: 06/29/2007 at 10:30
Discard: 07/30/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WMW-7

06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 01:34	Parker D Lindstrom	1
00813	BNA Water Extraction	SW-846 3510C	1	06/20/2007 15:00	Emma L Eck	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/25/2007 01:34	Parker D Lindstrom	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/20/2007 23:20	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/21/2007 18:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043154
Reported: 06/29/07 at 10:30 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07170020001B	Sample number(s): 5083608-5083610								
pH					100		99-101		
Batch number: 07170020002A	Sample number(s): 5083611								
pH					100		99-101		
Batch number: 07170021201A	Sample number(s): 5083608-5083609								
Total Dissolved Solids	N.D.	9.7	30.0	mg/l	102		80-120		
Batch number: 071711848002	Sample number(s): 5083608-5083611								
Calcium	N.D.	0.0632	0.200	mg/l	104		90-112		
Magnesium	N.D.	0.0135	0.100	mg/l	100		89-110		
Sodium	0.726	0.433	1.00	mg/l	114		80-120		
Arsenic	N.D.	0.0100	0.0200	mg/l	98		90-119		
Selenium	N.D.	0.0094	0.0200	mg/l	96		80-120		
Barium	N.D.	0.00060	0.0050	mg/l	96		90-110		
Cadmium	N.D.	0.00090	0.0050	mg/l	104		90-112		
Chromium	N.D.	0.0023	0.0150	mg/l	102		90-110		
Lead	N.D.	0.0069	0.0150	mg/l	101		90-113		
Silver	N.D.	0.0016	0.0050	mg/l	97		90-118		
Batch number: 07171196601A	Sample number(s): 5083608-5083611								
Chloride	N.D.	0.20	0.40	mg/l	97		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	101		89-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	106		90-110		
Batch number: 07171WAA026	Sample number(s): 5083608-5083611								
4-Chloroaniline	N.D.	1.	5.	ug/l	80	81	42-115	1	30
Dibenzofuran	N.D.	1.	5.	ug/l	101	97	65-110	4	30
2-Methylnaphthalene	N.D.	1.	5.	ug/l	95	95	64-105	0	30
2-Nitroaniline	N.D.	1.	5.	ug/l	99	100	73-115	1	30
3-Nitroaniline	N.D.	1.	5.	ug/l	97	94	63-112	4	30
4-Nitroaniline	N.D.	1.	5.	ug/l	67	64	55-107	5	30
2,4,5-Trichlorophenol	N.D.	1.	5.	ug/l	98	94	70-115	4	30
2-Chlorophenol	N.D.	1.	5.	ug/l	97	90	63-112	7	30
Phenol	N.D.	1.	5.	ug/l	57	54	17-72	6	30
2-Nitrophenol	N.D.	1.	5.	ug/l	92	100	82-121	9	30
2,4-Dimethylphenol	N.D.	3.	10.	ug/l	84	88	60-107	4	30
2,4-Dichlorophenol	N.D.	1.	5.	ug/l	93	95	66-110	2	30
4-Chloro-3-methylphenol	N.D.	1.	5.	ug/l	98	97	72-114	1	30
2,4,6-Trichlorophenol	N.D.	1.	5.	ug/l	95	96	69-111	1	30
2,4-Dinitrophenol	N.D.	20.	60.	ug/l	75	80	52-124	7	30
4-Nitrophenol	N.D.	10.	30.	ug/l	46	46	9-78	2	30
4,6-Dinitro-2-methylphenol	N.D.	5.	15.	ug/l	74	80	74-122	8	30
Pentachlorophenol	N.D.	3.	15.	ug/l	77	78	48-108	1	30
bis(2-Chloroethyl)ether	N.D.	1.	5.	ug/l	101	95	57-110	5	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	98	91	52-106	7	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 06/29/07 at 10:30 AM

Group Number: 1043154

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	100	95	54-103	5	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	96	91	58-100	5	30
Hexachloroethane	N.D.	1.	5.	ug/l	95	87	40-117	9	30
N-Nitroso-di-n-propylamine	N.D.	1.	5.	ug/l	99	93	56-109	6	30
Nitrobenzene	N.D.	1.	5.	ug/l	93	96	61-111	3	30
Isophorone	N.D.	1.	5.	ug/l	83	84	63-105	1	30
bis(2-Chloroethoxy)methane	N.D.	1.	5.	ug/l	94	98	69-119	4	30
1,2,4-Trichlorobenzene	N.D.	1.	5.	ug/l	93	94	61-113	1	30
Naphthalene	N.D.	1.	5.	ug/l	96	96	68-108	0	30
Hexachlorobutadiene	N.D.	1.	5.	ug/l	91	89	40-127	2	30
Hexachlorocyclopentadiene	N.D.	5.	15.	ug/l	71	70	31-135	2	30
2-Chloronaphthalene	N.D.	2.	5.	ug/l	98	92	56-100	6	30
Acenaphthylene	N.D.	1.	5.	ug/l	99	95	76-117	4	30
Dimethylphthalate	N.D.	2.	5.	ug/l	97	92	56-113	6	30
2,6-Dinitrotoluene	N.D.	1.	5.	ug/l	104	97	70-108	7	30
Acenaphthene	N.D.	1.	5.	ug/l	101	99	68-111	2	30
2,4-Dinitrotoluene	N.D.	1.	5.	ug/l	99	97	75-122	3	30
Fluorene	N.D.	1.	5.	ug/l	104	100	75-112	4	30
4-Chlorophenyl-phenylether	N.D.	2.	5.	ug/l	101	97	65-110	4	30
Diethylphthalate	N.D.	2.	5.	ug/l	101	95	61-110	6	30
N-Nitrosodiphenylamine	N.D.	2.	5.	ug/l	99	96	75-112	3	30
4-Bromophenyl-phenylether	N.D.	1.	5.	ug/l	98	93	67-110	6	30
Hexachlorobenzene	N.D.	1.	5.	ug/l	96	92	68-113	4	30
Phenanthrene	N.D.	1.	5.	ug/l	103	101	68-111	1	30
Anthracene	N.D.	1.	5.	ug/l	100	99	68-108	1	30
Di-n-butylphthalate	N.D.	2.	5.	ug/l	100	99	63-113	0	30
Fluoranthene	N.D.	1.	5.	ug/l	96	94	66-108	2	30
Pyrene	N.D.	1.	5.	ug/l	94	93	68-114	1	30
Butylbenzylphthalate	N.D.	2.	5.	ug/l	82	82	63-120	0	30
Benzo(a)anthracene	N.D.	1.	5.	ug/l	97	98	71-113	0	30
Chrysene	N.D.	1.	5.	ug/l	99	96	70-111	2	30
3,3'-Dichlorobenzidine	N.D.	2.	5.	ug/l	70	68	52-113	3	30
bis(2-Ethylhexyl)phthalate	N.D.	2.	5.	ug/l	88	87	62-126	1	30
Di-n-octylphthalate	N.D.	2.	5.	ug/l	90	93	58-118	2	30
Benzo(b)fluoranthene	N.D.	1.	5.	ug/l	92	87	65-122	5	30
Benzo(k)fluoranthene	N.D.	1.	5.	ug/l	91	94	67-120	3	30
Benzo(a)pyrene	N.D.	1.	5.	ug/l	94	91	68-121	3	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	5.	ug/l	83	87	64-125	5	30
Dibenz(a,h)anthracene	N.D.	1.	5.	ug/l	96	99	70-131	3	30
Benzo(g,h,i)perylene	N.D.	1.	5.	ug/l	91	93	67-126	3	30
2-Methylphenol	N.D.	1.	5.	ug/l	89	84	56-105	6	30
2,2'-oxybis(1-Chloropropane)	N.D.	1.	5.	ug/l	88	82	45-147	6	30
4-Methylphenol	N.D.	2.	5.	ug/l	93	87	51-98	7	30
Carbazole	N.D.	1.	5.	ug/l	99	98	66-109	1	30
Batch number: 07172021201A	Sample number(s): 5083610-5083611								
Total Dissolved Solids	N.D.	9.7	30.0	mg/l	94		80-120		
Batch number: 071725713003	Sample number(s): 5083608-5083611								
Mercury	N.D.	0.00005 6	0.00020	mg/l	107		80-120		
Batch number: 07173020201A	Sample number(s): 5083608-5083611								
Alkalinity to pH 4.5					101		98-103		

*- Outside of specification

**-This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043154
Reported: 06/29/07 at 10:30 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: T071751AA	Sample number(s): 5083608-5083611								
Chloromethane	N.D.	1.	5.	ug/l	93		47-132		
Vinyl Chloride	N.D.	1.	5.	ug/l	93		54-123		
Bromomethane	N.D.	1.	5.	ug/l	88		47-129		
Chloroethane	N.D.	1.	5.	ug/l	101		57-125		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	95		76-122		
Methylene Chloride	N.D.	2.	5.	ug/l	102		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	97		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	101		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	97		84-117		
Chloroform	N.D.	0.8	5.	ug/l	103		86-124		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	99		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	94		77-130		
Benzene	N.D.	0.5	5.	ug/l	95		78-119		
1,2-Dichloroethane	N.D.	1.	5.	ug/l	111		77-132		
Trichloroethene	N.D.	1.	5.	ug/l	99		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	101		80-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	108		83-121		
Toluene	N.D.	0.7	5.	ug/l	108		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	105		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	97		74-125		
Dibromochloromethane	N.D.	1.	5.	ug/l	122*		78-119		
Chlorobenzene	N.D.	0.8	5.	ug/l	99		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	101		82-119		
Styrene	N.D.	1.	5.	ug/l	99		82-111		
Bromoform	N.D.	1.	5.	ug/l	116		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	99		72-119		
Acetone	N.D.	6.	20.	ug/l	180		32-200		
Carbon Disulfide	N.D.	1.	5.	ug/l	89		69-119		
2-Butanone	N.D.	3.	10.	ug/l	112		52-163		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	97		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	89		78-114		
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	110		70-130		
2-Hexanone	N.D.	3.	10.	ug/l	118		61-140		
Xylene (Total)	N.D.	0.8	5.	ug/l	101		83-113		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07170020001B	Sample number(s): 5083608-5083610 BKG: 5083608								
pH						7.2	7.2	0	1
Batch number: 07170020002A	Sample number(s): 5083611 BKG: 5083611								
pH						7.7	7.7	0	1
Batch number: 07170021201A	Sample number(s): 5083608-5083609 UNSPK: P082641 BKG: P082641								
Total Dissolved Solids	80	83	54-143	1	12	4,740.	4,710.	1	9

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 06/29/07 at 10:30 AM

Group Number: 1043154

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 071711848002	Sample number(s): 5083608-5083611 UNSPK: P083514 BKG: P083514								
Calcium	(2)	(2)	75-125	3	20	24.0	23.9	1	20
Magnesium	(2)	(2)	75-125	2	20	10.4	10.3	1	20
Sodium	(2)	(2)	75-125	2	20	29.7	29.7	0	20
Arsenic	100	102	75-125	2	20	N.D.	N.D.	91* (1)	20
Selenium	94	99	75-125	5	20	N.D.	N.D.	200* (1)	20
Barium	97	98	75-125	1	20	0.0459	0.0451	2	20
Cadmium	103	106	83-116	2	20	N.D.	N.D.	67* (1)	20
Chromium	101	103	81-120	1	20	0.0035	0.0032	8 (1)	20
Lead	106	106	75-125	0	20	N.D.	N.D.	6 (1)	20
Silver	99	100	75-125	1	20	N.D.	N.D.	200* (1)	20
Batch number: 07171196601A	Sample number(s): 5083608-5083611 UNSPK: P084568 BKG: P084568								
Chloride	78*		90-110			36.1	36.0	0	3
Sulfate	94		90-110			14.0	13.7	2 (1)	3
Nitrate Nitrogen	94		90-110			1.3	1.3	3* (1)	2
Batch number: 07172021201A	Sample number(s): 5083610-5083611 UNSPK: 5083611 BKG: 5083611								
Total Dissolved Solids	99	99	54-143	0	12	2,310.	2,360.	2	9
Batch number: 071725713003	Sample number(s): 5083608-5083611 UNSPK: 5083611 BKG: 5083611								
Mercury	115	110	80-120	4	20	N.D.	N.D.	38* (1)	20
Batch number: 07173020201A	Sample number(s): 5083608-5083611 UNSPK: P084754 BKG: P084754								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	99	99	64-130	0	2	48.5	49.0	1	4
Batch number: T071751AA	Sample number(s): 5083608-5083611 UNSPK: P080155								
Chloromethane	106	101	46-149	4	30				
Vinyl Chloride	107	108	54-143	0	30				
Bromomethane	103	98	52-141	5	30				
Chloroethane	110	107	56-140	3	30				
1,1-Dichloroethene	109	109	87-145	1	30				
Methylene Chloride	104	103	79-133	1	30				
trans-1,2-Dichloroethene	109	107	82-133	2	30				
1,1-Dichloroethane	112	110	85-135	2	30				
cis-1,2-Dichloroethene	108	106	83-126	2	30				
Chloroform	112	112	83-139	1	30				
1,1,1-Trichloroethane	112	112	81-142	0	30				
Carbon Tetrachloride	107	105	82-149	2	30				
Benzene	104	102	83-128	2	30				
1,2-Dichloroethane	120	118	70-143	2	30				
Trichloroethene	110	109	83-136	1	30				
1,2-Dichloropropane	110	109	83-129	0	30				
Bromodichloromethane	115	114	80-129	1	30				
Toluene	117	117	83-127	1	30				
1,1,2-Trichloroethane	112	111	77-125	1	30				
Tetrachloroethene	110	108	78-133	1	30				
Dibromochloromethane	131*	128*	82-119	2	30				
Chlorobenzene	105	106	83-120	1	30				
Ethylbenzene	107	108	82-129	1	30				
Styrene	0*	0*	69-131	0	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043154
Reported: 06/29/07 at 10:30 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Bromoform	118	116	64-119	2	30				
1,1,2,2-Tetrachloroethane	105	105	73-121	0	30				
Acetone	131	131	48-143	0	30				
Carbon Disulfide	103	102	74-135	1	30				
2-Butanone	102	100	57-137	2	30				
trans-1,3-Dichloropropene	100	100	77-123	0	30				
cis-1,3-Dichloropropene	95	94	80-126	0	30				
4-Methyl-2-pentanone	115	114	68-133	1	30				
2-Hexanone	117	117	60-135	0	30				
Xylene (Total)	109	110	82-130	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TCL SW846 Semivolatiles/Waters
Batch number: 07171WAA026

	2-Fluorophenol	Phenol-d6	2,4,6-Tribromophenol	Nitrobenzene-d5
5083608	77	65	105	92
5083609	75	67	105	91
5083610	67	58	108	93
5083611	70	62	104	91
Blank	67	48	88	88
LCS	71	53	105	91
LCSD	70	51	104	95
Limits:	10-101	10-82	31-148	51-123

	2-Fluorobiphenyl	Terphenyl-d14
5083608	93	87
5083609	89	89
5083610	90	93
5083611	90	92
Blank	90	94
LCS	94	92
LCSD	92	91
Limits:	64-112	52-151

Analysis Name: TCL by 8260 (water)
Batch number: T071751AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5083608	85	84	95	91
5083609	86	85	94	91
5083610	87	84	96	92

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043154
Reported: 06/29/07 at 10:30 AM

Surrogate Quality Control

5083611	87	85	95	91
Blank	85	85	96	91
LCS	84	87	98	92
MS	85	84	97	92
MSD	84	86	98	92
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories

Analysis Request / Environmental Services Chain of Custody

COC#: 236

Group# 1043154

NOTE: This COC is based on your requested bottles and analyses.
If your project scope changes, please document below.

Sample #s 5083608-11

Client: Tetra Tech, Inc. Acct: 11288

Project Name: 6051-Gallup, NM PWSID #:

Project Manager: Kelly Henderson P.O.#

Sampler: Jennifer Berlin + Ana Moreno Quote #: 146767

Name of State where samples were collected: New Mexico

SF#: 66703

SCR#: 44269

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Other	Total # of Containers	Analyses Requested / Preservation Codes: Volatile Organics (H)	TCL SVOAs (O)	RCRA metals+Ca/Mg/Na (N)	Alkalinity	Cl, NO_3, SO_4	TDS, pH	Total Coliform Bacteria	BOD	COD (S)
MWR-1									X	X	X	X	X	X	X	X	X
MW-2									X	X	X	X	X	X	X	X	X
MW-3									X	X	X	X	X	X	X	X	X
MWS-1									X	X	X	X	X	X	X	X	X
MWS-2									X	X	X	X	X	X	X	X	X
Pond 1									X	X	X	X	X	X	X	X	X
Pond 2									X	X	X	X	X	X	X	X	X
WMW-1	6/18/07	1342	X			X			X	X	X	X	X	X			
WMW-2									X	X	X	X	X	X			
WMW-3									X	X	X	X	X	X			

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Comments:

Temperature of samples upon receipt (if requested)

Remarks:

Turnaround Time Requested (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date Results are needed:
Rush results requested by (please circle): Phone Fax Email
Phone #: Fax#:
Email address: Kelly.henderson@Tetratech.com

Data Package Options (please circle if required)
Type I (validation/NJ Reg) Type VI(Raw Data)
Type II (Tier II) Type III (Reduced NJ) Type
IV (CLP SOW)
SDG Complete? Yes No

TX TRRP-13
MA MCP
CT RCP
Site-specific QC Required (MS/MSD/DUP)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody Required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
Ana Moreno	6/18/07	16:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date 6/19/07	Time 0856

Lancaster Laboratories

Analysis Request / Environmental Services Chain of Custody

COC#: 236

NOTE: This COC is based on your requested bottles and analyses.
If your project scope changes, please document below.

Group# 1043154

Sample #s 5083608-11

Client: Tetra Tech, Inc. Acct: 11288

Project Name: 6051-Gallup, NM PWSID #:

Project Manager: Kelly Henderson P.O.#

Sampler: Jenni Berlin + Ana Moreno Quote #: 146767

Name of State where samples were collected: New Mexico

SF#: 66703

SCR#: 44269

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Other	Total # of Containers	Analyses Requested / Preservation Codes: Volatile Organics (H)	TCL SVOAs (O)	RCRA metals+Ca/Mg/Na (N)	Alkalinity	Cl, NO_3, SO_4	TDS, pH
~~WMW-4~~									X	X	X	X	X	X
WMW-5	6/18/07	1305	X			X			X	X	X	X	X	X
WMW-6	6/18/07	1505	X			X			X	X	X	X	X	X
WMW-7	6/18/07	1417	X			X			X	X	X	X	X	X
WMW-8									X	X	X	X	X	X
Duplicate									X					
Trip									X					

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Comments:

Temperature of samples upon receipt (if requested)

Remarks:

Turnaround Time Requested (TAT) (please circle) Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date Results are needed:
Rush results requested by (please circle): Phone Fax Email
Phone #: Fax#:
Email address: Kelly.henderson@tetratech.com

Data Package Options (please circle if required)
Type I (validation/NJ Reg) Type VI(Raw Data)
Type II (Tier II) Type III (Reduced NJ) Type
IV (CLP SOW)

SDG Complete? Yes No

TX TRRP-13
MA MCP
CT RCP

Site-specific QC Required (MS/MSD/DUP)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody Required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
	6/18/07	16:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				6/19/07	0955

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1043566. Samples arrived at the laboratory on Thursday, June 21, 2007. The PO# for this group is 4508186179 and the release number is KINGER.

Client Description	Lancaster Labs Number
WMW-2 Grab Water Sample	5085636
WMW-3 Grab Water Sample	5085637
WMW-4 Grab Water Sample	5085638
Duplicate Grab Water Sample	5085639
Trip Blank Water Sample	5085640

ELECTRONIC COPY TO Tetra Tech Attn: Kelly Blanchard

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Parker Lindeltorn
Senior Chemist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5085636

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 11:20 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	19.3	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	104.	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	712.	21.7	50.0	mg/l	50
07035	Arsenic	7440-38-2	0.0138	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.102	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	0.0065	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.0064	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	9.9	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	292.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	1,200.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	1,900.	77.6	240.	mg/l	1
00224	Chloride	16887-00-6	468.	40.0	80.0	mg/l	200
00228	Sulfate	14808-79-8	76.9	3.0	10.0	mg/l	10
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	6.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	32.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	4.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	61.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085636

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 11:20 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	10.	31.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	9.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	3.	2.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085636

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 11:20 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	3.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	12.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	5.	25.	ug/l	5
05386	Vinyl Chloride	75-01-4	N.D.	5.	25.	ug/l	5
05387	Bromomethane	74-83-9	N.D.	5.	25.	ug/l	5
05388	Chloroethane	75-00-3	N.D.	5.	25.	ug/l	5
05390	1,1-Dichloroethene	75-35-4	N.D.	4.	25.	ug/l	5
05391	Methylene Chloride	75-09-2	11.	10.	25.	ug/l	5
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	4.	25.	ug/l	5
05393	1,1-Dichloroethane	75-34-3	N.D.	5.	25.	ug/l	5
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	4.	25.	ug/l	5
05396	Chloroform	67-66-3	N.D.	4.	25.	ug/l	5
05398	1,1,1-Trichloroethane	71-55-6	N.D.	4.	25.	ug/l	5
05399	Carbon Tetrachloride	56-23-5	N.D.	5.	25.	ug/l	5
05401	Benzene	71-43-2	7,200.	13.	130.	ug/l	25
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	25.	ug/l	5
05403	Trichloroethene	79-01-6	N.D.	5.	25.	ug/l	5
05404	1,2-Dichloropropane	78-87-5	N.D.	5.	25.	ug/l	5
05406	Bromodichloromethane	75-27-4	N.D.	5.	25.	ug/l	5
05407	Toluene	108-88-3	90.	4.	25.	ug/l	5
05408	1,1,2-Trichloroethane	79-00-5	N.D.	4.	25.	ug/l	5
05409	Tetrachloroethene	127-18-4	N.D.	4.	25.	ug/l	5
05411	Dibromochloromethane	124-48-1	N.D.	5.	25.	ug/l	5
05413	Chlorobenzene	108-90-7	N.D.	4.	25.	ug/l	5
05415	Ethylbenzene	100-41-4	40.	4.	25.	ug/l	5
05418	Styrene	100-42-5	N.D.	5.	25.	ug/l	5

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085636

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 11:20 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.	5.	25.	ug/l	5
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	5.	25.	ug/l	5
06302	Acetone	67-64-1	310.	30.	100.	ug/l	5
06303	Carbon Disulfide	75-15-0	N.D.	5.	25.	ug/l	5
06305	2-Butanone	78-93-3	20.	15.	50.	ug/l	5
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	5.	25.	ug/l	5
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	5.	25.	ug/l	5
06308	4-Methyl-2-pentanone	108-10-1	N.D.	15.	50.	ug/l	5
06309	2-Hexanone	591-78-6	N.D.	15.	50.	ug/l	5
06310	Xylene (Total)	1330-20-7	280.	4.	25.	ug/l	5

The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/26/2007 08:08	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/26/2007 00:03	John P Hook	1
01757	Magnesium	SW-846 6010B	1	06/26/2007 00:03	John P Hook	1
01767	Sodium	SW-846 6010B	1	06/26/2007 00:08	John P Hook	50
07035	Arsenic	SW-846 6010B	1	06/25/2007 17:56	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/25/2007 17:56	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/26/2007 00:03	John P Hook	1
07049	Cadmium	SW-846 6010B	1	06/25/2007 17:56	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	06/25/2007 17:56	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/25/2007 17:56	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/26/2007 00:03	John P Hook	1
00200	pH	SM20 4500 H/B	1	06/21/2007 21:20	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/25/2007 15:13	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/25/2007 15:13	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/25/2007 09:30	Yolunder Y Bunch	1
00224	Chloride	EPA 300.0	1	06/30/2007 21:31	Ashley M Heckman	200
00228	Sulfate	EPA 300.0	1	06/30/2007 21:13	Ashley M Heckman	10

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5085636

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 11:20 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW2

00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2007 22:51	Tonya M Beck	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 01:10	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 11:39	Stephanie A Selis	5
06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 12:02	Stephanie A Selis	25
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2007 03:30	Sherry L Morrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/25/2007 11:39	Stephanie A Selis	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/25/2007 12:02	Stephanie A Selis	25
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/24/2007 23:00	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/25/2007 18:45	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5085637

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 08:15 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	0.000076	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	199.	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	70.4	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	2,040.	43.3	100.	mg/l	100
07035	Arsenic	7440-38-2	0.0107	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.320	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.0701	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	0.0292	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	7.5	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	1,520.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	5,900.	194.	600.	mg/l	1
00224	Chloride	16887-00-6	1,540.	100.	200.	mg/l	500
00228	Sulfate	14808-79-8	1,950.	150.	500.	mg/l	500
00368	Nitrate Nitrogen	14797-55-8	1.5	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	10.	50.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	10.	50.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	10.	50.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	10.	50.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	10.	50.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	10.	50.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	10.	50.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	10.	50.	ug/l	1
03925	Phenol	108-95-2	N.D.	10.	50.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	10.	50.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	30.	100.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	10.	50.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	10.	50.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	10.	50.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	200.	600.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085637

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 08:15 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	100.	300.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	50.	150.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	30.	150.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	10.	50.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	10.	50.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	10.	50.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	10.	50.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	10.	50.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	10.	50.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	10.	50.	ug/l	1
03944	Isophorone	78-59-1	N.D.	10.	50.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	10.	50.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	10.	50.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	10.	50.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	10.	50.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	50.	150.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	20.	50.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	10.	50.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	20.	50.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	10.	50.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	10.	50.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	10.	50.	ug/l	1
03956	Fluorene	86-73-7	N.D.	10.	50.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	20.	50.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	20.	50.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	20.	50.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	10.	50.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	10.	50.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	10.	50.	ug/l	1
03964	Anthracene	120-12-7	N.D.	10.	50.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	20.	50.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	10.	50.	ug/l	1
03967	Pyrene	129-00-0	N.D.	10.	50.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	20.	50.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	10.	50.	ug/l	1
03971	Chrysene	218-01-9	N.D.	10.	50.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	20.	50.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	20.	50.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085637

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 08:15 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	20.	50.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	10.	50.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	10.	50.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	10.	50.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	10.	50.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	10.	50.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	10.	50.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	10.	50.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	10.	50.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	20.	50.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	10.	50.	ug/l	1
	Due to sample matrix interferences observed during the extraction, the normal reporting limits were not attained.						
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085637

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 08:15 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/26/2007 08:09	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/26/2007 00:22	John P Hook	1
01757	Magnesium	SW-846 6010B	1	06/26/2007 00:22	John P Hook	1
01767	Sodium	SW-846 6010B	1	06/26/2007 00:27	John P Hook	100
07035	Arsenic	SW-846 6010B	1	06/25/2007 18:01	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/25/2007 18:01	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/26/2007 00:22	John P Hook	1
07049	Cadmium	SW-846 6010B	1	06/25/2007 18:01	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	06/25/2007 18:01	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/25/2007 18:01	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/26/2007 00:22	John P Hook	1
00200	pH	SM20 4500 H/B	1	06/21/2007 21:20	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/25/2007 15:13	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/25/2007 15:13	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/25/2007 09:30	Yolunder Y Bunch	1
00224	Chloride	EPA 300.0	1	06/30/2007 22:23	Ashley M Heckman	500
00228	Sulfate	EPA 300.0	1	06/30/2007 22:23	Ashley M Heckman	500
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2007 23:05	Tonya M Beck	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 01:30	Linda M Hartenstine	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085637

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 08:15 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW3

06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 12:24	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2007 03:30	Sherry L Morrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/25/2007 12:24	Stephanie A Selis	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/24/2007 23:00	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/25/2007 18:45	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5085638

WMW-4 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 09:00 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000056	0.00020	mg/l	1
01750	Calcium	7440-70-2	15.0	0.0632	0.200	mg/l	1
01757	Magnesium	7439-95-4	13.8	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	582.	21.7	50.0	mg/l	50
07035	Arsenic	7440-38-2	N.D.	0.0100	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0782	0.00060	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00090	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.0039	0.0023	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0069	0.0150	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0016	0.0050	mg/l	1
00200	pH	n.a.	8.0	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	765.	0.46	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	1,380.	38.8	120.	mg/l	1
00224	Chloride	16887-00-6	184.	10.0	20.0	mg/l	50
00228	Sulfate	14808-79-8	265.	15.0	50.0	mg/l	50
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	5.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	5.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	5.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	5.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	5.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	5.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	5.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	5.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	5.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	5.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	5.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	5.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	5.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	59.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085638

WMW-4Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 09:00 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03932	4-Nitrophenol	100-02-7	N.D.	10.	30.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	15.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	15.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	5.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	5.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	5.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	5.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	5.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	5.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	5.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	15.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	5.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	5.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	5.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	5.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	5.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	5.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	5.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	5.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	5.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	5.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	5.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	5.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	5.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	5.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	5.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	5.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	5.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	5.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	5.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	5.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	5.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	3.	2.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085638

WMW-4Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 09:00 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	5.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	5.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	5.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	5.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	5.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	5.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	5.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	5.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	5.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	5.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	5.	ug/l	1
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085638

WMW-4Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 09:00 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	9.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/26/2007 08:10	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	06/26/2007 00:32	John P Hook	1
01757	Magnesium	SW-846 6010B	1	06/26/2007 00:32	John P Hook	1
01767	Sodium	SW-846 6010B	1	06/26/2007 00:36	John P Hook	50
07035	Arsenic	SW-846 6010B	1	06/25/2007 18:16	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/25/2007 18:16	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/26/2007 00:32	John P Hook	1
07049	Cadmium	SW-846 6010B	1	06/25/2007 18:16	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	06/25/2007 18:16	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/25/2007 18:16	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/26/2007 00:32	John P Hook	1
00200	pH	SM20 4500 H/B	1	06/21/2007 21:20	Luz M Groff	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	06/25/2007 15:13	Geraldine C Smith	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	06/25/2007 15:13	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	06/25/2007 09:30	Yolunder Y Bunch	1
00224	Chloride	EPA 300.0	1	06/30/2007 19:29	Ashley M Heckman	50
00228	Sulfate	EPA 300.0	1	06/30/2007 19:29	Ashley M Heckman	50
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2007 22:07	Tonya M Beck	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/26/2007 01:50	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	06/25/2007 12:47	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2007 03:30	Sherry L Morrow	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085638

WMW-4Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 09:00 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINW4

01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/25/2007 12:47	Stephanie A Selis	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/24/2007 23:00	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/25/2007 18:45	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5085639

Duplicate Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 12:00 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	5.	25.	ug/l	5
05386	Vinyl Chloride	75-01-4	N.D.	5.	25.	ug/l	5
05387	Bromomethane	74-83-9	N.D.	5.	25.	ug/l	5
05388	Chloroethane	75-00-3	N.D.	5.	25.	ug/l	5
05390	1,1-Dichloroethene	75-35-4	N.D.	4.	25.	ug/l	5
05391	Methylene Chloride	75-09-2	N.D.	10.	25.	ug/l	5
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	4.	25.	ug/l	5
05393	1,1-Dichloroethane	75-34-3	N.D.	5.	25.	ug/l	5
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	4.	25.	ug/l	5
05396	Chloroform	67-66-3	N.D.	4.	25.	ug/l	5
05398	1,1,1-Trichloroethane	71-55-6	N.D.	4.	25.	ug/l	5
05399	Carbon Tetrachloride	56-23-5	N.D.	5.	25.	ug/l	5
05401	Benzene	71-43-2	5,200.	13.	130.	ug/l	25
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	25.	ug/l	5
05403	Trichloroethene	79-01-6	N.D.	5.	25.	ug/l	5
05404	1,2-Dichloropropane	78-87-5	N.D.	5.	25.	ug/l	5
05406	Bromodichloromethane	75-27-4	N.D.	5.	25.	ug/l	5
05407	Toluene	108-88-3	87.	4.	25.	ug/l	5
05408	1,1,2-Trichloroethane	79-00-5	N.D.	4.	25.	ug/l	5
05409	Tetrachloroethene	127-18-4	N.D.	4.	25.	ug/l	5
05411	Dibromochloromethane	124-48-1	N.D.	5.	25.	ug/l	5
05413	Chlorobenzene	108-90-7	N.D.	4.	25.	ug/l	5
05415	Ethylbenzene	100-41-4	39.	4.	25.	ug/l	5
05418	Styrene	100-42-5	N.D.	5.	25.	ug/l	5
05419	Bromoform	75-25-2	N.D.	5.	25.	ug/l	5
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	5.	25.	ug/l	5
06302	Acetone	67-64-1	330.	30.	100.	ug/l	5
06303	Carbon Disulfide	75-15-0	N.D.	5.	25.	ug/l	5
06305	2-Butanone	78-93-3	22.	15.	50.	ug/l	5
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	5.	25.	ug/l	5
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	5.	25.	ug/l	5
06308	4-Methyl-2-pentanone	108-10-1	N.D.	15.	50.	ug/l	5
06309	2-Hexanone	591-78-6	N.D.	15.	50.	ug/l	5
06310	Xylene (Total)	1330-20-7	270.	4.	25.	ug/l	5

The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085639

Duplicate Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 12:00 by AM

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor

receipt. The pH of this sample was pH = 3.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 01:56	Kelly E Brickley	5
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 02:18	Kelly E Brickley	25
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2007 01:56	Kelly E Brickley	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/26/2007 02:18	Kelly E Brickley	25

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5085640

Trip Blank Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 12:30

Account Number: 11288

Submitted: 06/21/2007 10:05
Reported: 07/02/2007 at 15:02
Discard: 08/02/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06291	TCL by 8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5085640

Trip Blank Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2007 12:30

Submitted: 06/21/2007 10:05
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Account Number: 11288

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

WINTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor

Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	06/26/2007 02:41	Kelly E Brickley	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2007 02:41	Kelly E Brickley	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: ConocoPhillips
Reported: 07/02/07 at 03:02 PM

Group Number: 1043566

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07172020001B	Sample number(s): 5085636-5085638								
pH					100		99-101		
Batch number: 07172609602A	Sample number(s): 5085636-5085638								
Chloride	N.D.	0.20	0.40	mg/l	106		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	101		89-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	108		90-110		
Batch number: 071731848004	Sample number(s): 5085636-5085638								
Calcium	N.D.	0.0632	0.200	mg/l	100		90-112		
Magnesium	N.D.	0.0135	0.100	mg/l	98		89-110		
Sodium	N.D.	0.433	1.00	mg/l	98		80-120		
Arsenic	N.D.	0.0100	0.0200	mg/l	100		90-119		
Selenium	N.D.	0.0094	0.0200	mg/l	98		80-120		
Barium	N.D.	0.00060	0.0050	mg/l	96		90-110		
Cadmium	N.D.	0.00090	0.0050	mg/l	99		90-112		
Chromium	N.D.	0.0023	0.0150	mg/l	101		90-110		
Lead	N.D.	0.0069	0.0150	mg/l	102		90-113		
Silver	N.D.	0.0016	0.0050	mg/l	97		90-118		
Batch number: 07173WAG026	Sample number(s): 5085636-5085638								
4-Chloroaniline	N.D.	1.	5.	ug/l	92	93	42-115	2	30
Dibenzofuran	N.D.	1.	5.	ug/l	101	96	65-110	5	30
2-Methylnaphthalene	N.D.	1.	5.	ug/l	98	96	64-105	2	30
2-Nitroaniline	N.D.	1.	5.	ug/l	109	106	73-115	3	30
3-Nitroaniline	N.D.	1.	5.	ug/l	106	105	63-112	1	30
4-Nitroaniline	N.D.	1.	5.	ug/l	101	98	55-107	3	30
2,4,5-Trichlorophenol	N.D.	1.	5.	ug/l	96	90	70-115	6	30
2-Chlorophenol	N.D.	1.	5.	ug/l	99	96	63-112	3	30
Phenol	N.D.	1.	5.	ug/l	45	44	17-72	2	30
2-Nitrophenol	N.D.	1.	5.	ug/l	104	99	82-121	5	30
2,4-Dimethylphenol	N.D.	3.	10.	ug/l	95	95	60-107	0	30
2,4-Dichlorophenol	N.D.	1.	5.	ug/l	98	94	66-110	5	30
4-Chloro-3-methylphenol	N.D.	1.	5.	ug/l	104	103	72-114	1	30
2,4,6-Trichlorophenol	N.D.	1.	5.	ug/l	96	91	69-111	6	30
2,4-Dinitrophenol	N.D.	20.	60.	ug/l	95	90	52-124	5	30
4-Nitrophenol	N.D.	10.	30.	ug/l	47	47	9-78	2	30
4,6-Dinitro-2-methylphenol	N.D.	5.	15.	ug/l	95	90	74-122	5	30
Pentachlorophenol	N.D.	3.	15.	ug/l	76	70	48-108	8	30
bis(2-Chloroethyl)ether	N.D.	1.	5.	ug/l	95	92	57-110	3	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	94	87	52-106	8	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	95	88	54-103	8	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	92	88	58-100	5	30
Hexachloroethane	N.D.	1.	5.	ug/l	91	87	40-117	4	30
N-Nitroso-di-n-propylamine	N.D.	1.	5.	ug/l	99	95	56-109	4	30
Nitrobenzene	N.D.	1.	5.	ug/l	96	94	61-111	3	30
Isophorone	N.D.	1.	5.	ug/l	89	87	63-105	2	30

*- Outside of specification

**-This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043566
Reported: 07/02/07 at 03:02 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
bis(2-Chloroethoxy)methane	N.D.	1.	5.	ug/l	96	95	69-119	1	30
1,2,4-Trichlorobenzene	N.D.	1.	5.	ug/l	88	86	61-113	3	30
Naphthalene	N.D.	1.	5.	ug/l	95	91	68-108	3	30
Hexachlorobutadiene	N.D.	1.	5.	ug/l	90	87	40-127	3	30
Hexachlorocyclopentadiene	N.D.	5.	15.	ug/l	73	69	31-135	5	30
2-Chloronaphthalene	N.D.	2.	5.	ug/l	70	66	56-100	7	30
Acenaphthylene	N.D.	1.	5.	ug/l	100	97	76-117	3	30
Dimethylphthalate	N.D.	2.	5.	ug/l	93	92	56-113	1	30
2,6-Dinitrotoluene	N.D.	1.	5.	ug/l	106	101	70-108	5	30
Acenaphthene	N.D.	1.	5.	ug/l	102	97	68-111	5	30
2,4-Dinitrotoluene	N.D.	1.	5.	ug/l	107	103	75-122	4	30
Fluorene	N.D.	1.	5.	ug/l	106	101	75-112	5	30
4-Chlorophenyl-phenylether	N.D.	2.	5.	ug/l	99	94	65-110	6	30
Diethylphthalate	N.D.	2.	5.	ug/l	104	101	61-110	3	30
N-Nitrosodiphenylamine	N.D.	2.	5.	ug/l	94	94	75-112	0	30
4-Bromophenyl-phenylether	N.D.	1.	5.	ug/l	92	90	67-110	2	30
Hexachlorobenzene	N.D.	1.	5.	ug/l	92	92	68-113	1	30
Phenanthrene	N.D.	1.	5.	ug/l	100	98	68-111	2	30
Anthracene	N.D.	1.	5.	ug/l	99	98	68-108	1	30
Di-n-butylphthalate	N.D.	2.	5.	ug/l	108	106	63-113	2	30
Fluoranthene	N.D.	1.	5.	ug/l	101	99	66-108	2	30
Pyrene	N.D.	1.	5.	ug/l	96	94	68-114	3	30
Butylbenzylphthalate	N.D.	2.	5.	ug/l	99	97	63-120	2	30
Benzo(a)anthracene	N.D.	1.	5.	ug/l	101	99	71-113	2	30
Chrysene	N.D.	1.	5.	ug/l	97	96	70-111	2	30
3,3'-Dichlorobenzidine	N.D.	2.	5.	ug/l	100	100	52-113	1	30
bis(2-Ethylhexyl)phthalate	N.D.	2.	5.	ug/l	109	105	62-126	4	30
Di-n-octylphthalate	N.D.	2.	5.	ug/l	101	96	58-118	5	30
Benzo(b)fluoranthene	N.D.	1.	5.	ug/l	88	84	65-122	4	30
Benzo(k)fluoranthene	N.D.	1.	5.	ug/l	92	87	67-120	7	30
Benzo(a)pyrene	N.D.	1.	5.	ug/l	92	89	68-121	3	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	5.	ug/l	94	90	64-125	4	30
Dibenz(a,h)anthracene	N.D.	1.	5.	ug/l	103	100	70-131	3	30
Benzo(g,h,i)perylene	N.D.	1.	5.	ug/l	96	92	67-126	4	30
2-Methylphenol	N.D.	1.	5.	ug/l	93	89	56-105	4	30
2,2'-oxybis(1-Chloropropane)	N.D.	1.	5.	ug/l	82	79	45-147	4	30
4-Methylphenol	N.D.	2.	5.	ug/l	82	81	51-98	1	30
Carbazole	N.D.	1.	5.	ug/l	104	104	66-109	0	30
Batch number: 07176020201A	Sample number(s): 5085636-5085638								
Alkalinity to pH 4.5					100		98-103		
Batch number: 07176021201A	Sample number(s): 5085636-5085638								
Total Dissolved Solids	N.D.	9.7	30.0	mg/l	94		80-120		
Batch number: 071765713002	Sample number(s): 5085636-5085638								
Mercury	N.D.	0.00005 6	0.00020	mg/l	106		80-120		
Batch number: L071761AA	Sample number(s): 5085636-5085638								
Chloromethane	N.D.	1.	5.	ug/l	98		47-132		
Vinyl Chloride	N.D.	1.	5.	ug/l	97		54-123		
Bromomethane	N.D.	1.	5.	ug/l	101		47-129		
Chloroethane	N.D.	1.	5.	ug/l	101		57-125		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	93		76-122		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043566
Reported: 07/02/07 at 03:02 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methylene Chloride	N.D.	2.	5.	ug/l	100		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	97		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	97		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	99		84-117		
Chloroform	N.D.	0.8	5.	ug/l	107		86-124		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	100		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	100		77-130		
Benzene	N.D.	0.5	5.	ug/l	103		78-119		
1,2-Dichloroethane	N.D.	1.	5.	ug/l	109		77-132		
Trichloroethene	N.D.	1.	5.	ug/l	102		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	107		80-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	105		83-121		
Toluene	N.D.	0.7	5.	ug/l	102		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	105		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	97		74-125		
Dibromochloromethane	N.D.	1.	5.	ug/l	99		78-119		
Chlorobenzene	N.D.	0.8	5.	ug/l	104		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	100		82-119		
Styrene	N.D.	1.	5.	ug/l	103		82-111		
Bromoform	N.D.	1.	5.	ug/l	94		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	107		72-119		
Acetone	N.D.	6.	20.	ug/l	106		32-200		
Carbon Disulfide	N.D.	1.	5.	ug/l	82		69-119		
2-Butanone	N.D.	3.	10.	ug/l	103		52-163		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	95		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	99		78-114		
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	112		70-130		
2-Hexanone	N.D.	3.	10.	ug/l	112		61-140		
Xylene (Total)	N.D.	0.8	5.	ug/l	102		83-113		
Batch number: L071762AA	Sample number(s): 5085639-5085640								
Chloromethane	N.D.	1.	5.	ug/l	82	79	47-132	3	30
Vinyl Chloride	N.D.	1.	5.	ug/l	83	82	54-123	1	30
Bromomethane	N.D.	1.	5.	ug/l	91	87	47-129	4	30
Chloroethane	N.D.	1.	5.	ug/l	88	86	57-125	2	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	98	95	76-122	3	30
Methylene Chloride	N.D.	2.	5.	ug/l	102	101	85-120	1	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	100	99	83-117	1	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	99	97	83-127	1	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	100	101	84-117	0	30
Chloroform	N.D.	0.8	5.	ug/l	103	101	86-124	2	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	101	100	83-127	2	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	103	98	77-130	4	30
Benzene	N.D.	0.5	5.	ug/l	104	103	78-119	1	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	105	101	77-132	4	30
Trichloroethene	N.D.	1.	5.	ug/l	105	102	87-117	3	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	105	104	80-117	1	30
Bromodichloromethane	N.D.	1.	5.	ug/l	101	100	83-121	1	30
Toluene	N.D.	0.7	5.	ug/l	101	101	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	103	103	86-113	0	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	102	100	74-125	2	30
Dibromochloromethane	N.D.	1.	5.	ug/l	95	96	78-119	0	30
Chlorobenzene	N.D.	0.8	5.	ug/l	104	104	85-115	0	30
Ethylbenzene	N.D.	0.8	5.	ug/l	99	99	82-119	0	30
Styrene	N.D.	1.	5.	ug/l	102	102	82-111	0	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043566
Reported: 07/02/07 at 03:02 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	N.D.	1.	5.	ug/l	92	91	69-118	1	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	100	99	72-119	1	30
Acetone	N.D.	6.	20.	ug/l	93	101	32-200	8	30
Carbon Disulfide	N.D.	1.	5.	ug/l	81	80	69-119	2	30
2-Butanone	N.D.	3.	10.	ug/l	98	99	52-163	1	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	91	92	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	96	96	78-114	0	30
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	104	103	70-130	1	30
2-Hexanone	N.D.	3.	10.	ug/l	101	102	61-140	0	30
Xylene (Total)	N.D.	0.8	5.	ug/l	104	103	83-113	0	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07172020001B	Sample number(s): 5085636-5085638 BKG: P085577								
pH						7.5	7.6	0	1
Batch number: 07172609602A	Sample number(s): 5085636-5085638 UNSPK: 5085638 BKG: 5085638								
Chloride	115*		90-110			184.	165.	11*	3
Sulfate	124*		90-110			265.	243.	9* (1)	3
Nitrate Nitrogen	110		90-110			N.D.	N.D.	0 (1)	2
Batch number: 071731848004	Sample number(s): 5085636-5085638 UNSPK: P084764 BKG: P084764								
Calcium	(2)	(2)	75-125	1	20	153.	149.	2	20
Magnesium	(2)	(2)	75-125	1	20	28.5	27.9	2	20
Sodium	(2)	(2)	75-125	1	20	92.3	90.9	2	20
Arsenic	111	103	75-125	8	20	N.D.	N.D.	20 (1)	20
Selenium	105	95	75-125	10	20	N.D.	N.D.	0 (1)	20
Barium	97	98	75-125	1	20	0.0684	0.0658	4 (1)	20
Cadmium	100	97	83-116	3	20	N.D.	N.D.	0 (1)	20
Chromium	105	101	81-120	4	20	N.D.	N.D.	200* (1)	20
Lead	101	98	75-125	3	20	N.D.	N.D.	200* (1)	20
Silver	94	90	75-125	5	20	N.D.	N.D.	0 (1)	20
Batch number: 07176020201A	Sample number(s): 5085636-5085638 UNSPK: P084860 BKG: P084860								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	100	100	64-130	0	2	6.1	6.1	0 (1)	4
Batch number: 07176021201A	Sample number(s): 5085636-5085638 UNSPK: P086086 BKG: P086086								
Total Dissolved Solids	46*	52*	54-143	2	12	48,800.	43,600.	11*	9
Batch number: 071765713002	Sample number(s): 5085636-5085638 UNSPK: P087004 BKG: P087004								
Mercury	101	98	80-120	3	20	N.D.	N.D.	200* (1)	20
Batch number: L071761AA	Sample number(s): 5085636-5085638 UNSPK: P083855								
Chloromethane	105	106	46-149	1	30				
Vinyl Chloride	108	109	54-143	1	30				
Bromomethane	108	108	52-141	1	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043566
Reported: 07/02/07 at 03:02 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Chloroethane	106	107	56-140	0	30				
1,1-Dichloroethene	103	104	87-145	1	30				
Methylene Chloride	98	98	79-133	0	30				
trans-1,2-Dichloroethene	101	102	82-133	1	30				
1,1-Dichloroethane	102	102	85-135	0	30				
cis-1,2-Dichloroethene	102	104	83-126	2	30				
Chloroform	104	106	83-139	1	30				
1,1,1-Trichloroethane	103	105	81-142	2	30				
Carbon Tetrachloride	102	102	82-149	1	30				
Benzene	104	106	83-128	1	30				
1,2-Dichloroethane	103	103	70-143	0	30				
Trichloroethene	105	104	83-136	0	30				
1,2-Dichloropropane	108	109	83-129	1	30				
Bromodichloromethane	103	102	80-129	1	30				
Toluene	104	106	83-127	2	30				
1,1,2-Trichloroethane	104	108	77-125	4	30				
Tetrachloroethene	102	102	78-133	0	30				
Dibromochloromethane	99	100	82-119	1	30				
Chlorobenzene	106	107	83-120	1	30				
Ethylbenzene	102	104	82-129	2	30				
Styrene	104	107	69-131	2	30				
Bromoform	95	96	64-119	0	30				
1,1,2,2-Tetrachloroethane	106	107	73-121	1	30				
Acetone	99	98	48-143	1	30				
Carbon Disulfide	89	90	74-135	2	30				
2-Butanone	103	104	57-137	1	30				
trans-1,3-Dichloropropene	94	96	77-123	3	30				
cis-1,3-Dichloropropene	94	95	80-126	2	30				
4-Methyl-2-pentanone	107	108	68-133	0	30				
2-Hexanone	106	108	60-135	2	30				
Xylene (Total)	105	107	82-130	2	30				

Batch number: L071762AA Sample number(s): 5085639-5085640 UNSPK: P086575

Chloromethane	89	46-149
Vinyl Chloride	93	54-143
Bromomethane	100	52-141
Chloroethane	102	56-140
1,1-Dichloroethene	110	87-145
Methylene Chloride	103	79-133
trans-1,2-Dichloroethene	110	82-133
1,1-Dichloroethane	110	85-135
cis-1,2-Dichloroethene	110	83-126
Chloroform	117	83-139
1,1,1-Trichloroethane	117	81-142
Carbon Tetrachloride	119	82-149
Benzene	114	83-128
1,2-Dichloroethane	117	70-143
Trichloroethene	115	83-136
1,2-Dichloropropane	115	83-129
Bromodichloromethane	111	80-129
Toluene	111	83-127
1,1,2-Trichloroethane	110	77-125

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043566
Reported: 07/02/07 at 03:02 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Tetrachloroethene	112		78-133						
Dibromochloromethane	102		82-119						
Chlorobenzene	113		83-120						
Ethylbenzene	109		82-129						
Styrene	114		69-131						
Bromoform	97		64-119						
1,1,2,2-Tetrachloroethane	102		73-121						
Acetone	97		48-143						
Carbon Disulfide	92		74-135						
2-Butanone	107		57-137						
trans-1,3-Dichloropropene	97		77-123						
cis-1,3-Dichloropropene	96		80-126						
4-Methyl-2-pentanone	113		68-133						
2-Hexanone	110		60-135						
Xylene (Total)	113		82-130						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TCL SW846 Semivolatiles/Waters
Batch number: 07173WAG026

	2-Fluorophenol	Phenol-d6	2,4,6-Tribromophenol	Nitrobenzene-d5
5085636	59	45	94	85
5085637	54	37	91	82
5085638	57	41	97	87
Blank	54	37	96	83
LCS	68	47	98	91
LCSD	63	45	88	89
Limits:	10-101	10-82	31-148	51-123

	2-Fluorobiphenyl	Terphenyl-d14
5085636	81	69
5085637	80	79
5085638	85	82
Blank	82	87
LCS	89	90
LCSD	84	86
Limits:	64-112	52-151

Analysis Name: TCL by 8260 (water)
Batch number: L071761AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1043566
Reported: 07/02/07 at 03:02 PM

Surrogate Quality Control

5085636	90	93	97	93
5085637	97	98	93	90
5085638	94	93	93	92
Blank	102	101	93	90
LCS	96	96	100	102
MS	95	97	98	97
MSD	94	96	99	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TCL by 8260 (water)
Batch number: L071762AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5085639	92	94	96	97
5085640	102	98	92	92
Blank	99	98	93	92
LCS	96	95	99	100
LCSD	96	97	99	99
MS	98	95	98	100
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories

Analysis Request / Environmental Services Chain of Custody

COC#: 236

NOTE: This COC is based on your requested bottles and analyses.
If your project scope changes, please document below. Account#11288

Group# 1043566

Sample #s 5085636-40

Client: Tetra Tech, Inc. Acct: 11288

Project Name: 6051-Gallup, NM PWSID #: _____

Project Manager: Kelly Henderson P.O.# _____

Sampler: Ana Moreno; Jenn. Berlin Quote #: 146767

Name of State where samples were collected: New Mexico

SF#: 66703

SCR#: 44269

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Comments:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Potable / NPDES: Water	Matrix: Other	Total # of Containers	Analyses Requested / Preservation Codes: Volatile Organics	TCL SVOAs	RCRA metals+Ca/Mg/Na	Alkalinity	Cl, NO_3, SO_4	TDS, pH	Total Coliform Bacteria	BOD	COD	Remarks
									H	O	N						S	
MWR-1									X	X	X	X	X	X	X	X	X	
MW-2									X	X	X	X	X	X	X	X	X	
MW-3									X	X	X	X	X	X	X	X	X	
MWS-1									X	X	X	X	X	X	X	X	X	
MWS-2									X	X	X	X	X	X	X	X	X	
Pond 1									X	X	X	X	X	X	X	X	X	
Pond 2									X	X	X	X	X	X	X	X	X	
WMW-1									X	X	X	X	X	X				
WMW-2	6-20-07	1120	X			✓			X	X	X	X	X	X				
WMW-3	6-20-07	815	X			✓			X	X	X	X	X	X				

Turnaround Time Requested (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date Results are needed: _____
Rush results requested by (please circle): Phone Fax Email
Phone #: _____ Fax#: _____
Email address: _____

Data Package Options (please circle if required)
Type I (validation/NJ Reg) Type VI(Raw Data)
Type II (Tier II) Type III (Reduced NJ) Type
IV (CLP SOW)

SDG Complete? Yes No

TX TRRP-13
MA MCP
CT RCP

Site-specific QC Required (MS/MSD/DUP)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody Required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
Jennifer R. Berlin	6/20/07	1230			

Copies: White copy should accompany samples to Lancaster Laboratories. The yellow copy should be retained by the samplers.

Lancaster Laboratories

Analysis Request / Environmental Services Chain of Custody

COC#: 236

NOTE: This COC is based on your requested bottles and analyses.
If your project scope changes, please document below. Account# 11288

Group# 1043566

Sample #s 50851636-40

Client: Tetra Tech, Inc. Acct: 11288

Project Name: 6051-Gallup, NM PWSID #: _____

Project Manager: Kelly Henderson P.O.# _____

Sampler: Ana Morano, Jenni Berlin Quote #: 146767

Name of State where samples were collected: New Mexico

SF#: 66703

SCR#: 44269

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Potable / NPDES Water	Matrix: Other	Total # of Containers	Analyses Requested: Volatile Organics	TCL SVOAs	RCRA metals+Ca/Mg/Na	Alkalinity	Cl, NO_3, SO_4	TDS, pH
									H	O	N			
MMW-4	6-20-07	700	X			✓			X	X	X	X	X	X
MMW-5									X	X	X	X	X	X
MMW-6									X	X	X	X	X	X
MMW-7									X	X	X	X	X	X
MMW-8									X	X	X	X	X	X
Duplicate	6-20-07	1200	X			✓			X					
Trip	6-20-07	1230	X			✓			X					

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Comments:

Temperature of samples upon receipt (if requested)

Remarks:

Turnaround Time Requested (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date Results are needed: _____
Rush results requested by (please circle): Phone Fax Email
Phone #: _____ Fax#: _____
Email address: _____

Data Package Options (please circle if required)
Type I (validation/NJ Reg) Type VI(Raw Data)
Type II (Tier II) Type III (Reduced NJ) Type
IV (CLP SOW)

SDG Complete? Yes No

TX TRRP-13
MA MCP
CT RCP

Site-specific QC Required (MS/MSD/DUP)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody Required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
Jennifer R. Berlin	6/20/07	1230			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	6/21/07	0905

Copies: White copy should accompany samples to Lancaster Laboratories. The yellow copy should be retained by the samplers.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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