GW - 054

MONITORING REPORT

2007 - Present

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August 22, 2005

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

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

Dear Mr. Price,

Maxim Technologies (Maxim) 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 Beverly Cox at the Wingate plant, (505) 863-1023.

Sincerely,

Kelly E. Henderson
Senior Staff Geologist

Enclosures (1)

Cc: Beverly Cox, ConocoPhillips
Neal Goates, ConocoPhillips (electronic only)

ANNUAL GROUNDWATER MONITORING REPORT SAMPLING EVENT OF JUNE 2005

WINGATE FRACTIONATING PLANT

Gallup, New Mexico

IN COMPLIANCE WITH GROUNDWATER DISCHARGE PLAN GW-054

ConocoPhillips

MAXIM TECHNOLOGIES

A DIVISION OF TETRA TECH, INC.

ANNUAL GROUNDWATER MONITORING REPORT SAMPLING EVENT OF JUNE 2005

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

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ConocoPhillips Work Order No.: 6051MAX002
Maxim Project No.: 5690090

August 22, 2005

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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. ConocoPhillips submitted a Plan renewal application to OCD dated April 18, 2002, with attachments and addendums dated June 6 and October 28, 2002.

Maxim Technologies, Inc. (Maxim) has been retained by ConocoPhillips to prepare documents in response to OCD direction and to conduct field investigations, as needed, to comply with OCD requirements. In a letter dated April 18, 2003 from OCD to ConocoPhillips, OCD requested plans for investigations of portions of the Wingate site, specifically, the railroad rack vadose zone and groundwater contamination area, and the flare pit groundwater contamination area.

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. Information for the June 2003 investigation was submitted to the OCD during September 2003 in a report titled *Groundwater Monitoring Report Sampling Event of May and June 2003.*

Following the May and June 2003 investigation, Maxim submitted a document titled *Response to Draft #2 Attachment to the Groundwater Discharge Plan GW-054 Approval, Dated January 7, 2004, Amended Discharge Plan Approval Conditions*, to the New Mexico Oil Conservation Division (OCD) on February 5, 2004.

In a letter dated March 24, 2004, OCD approved the groundwater discharge plan GW-054 with amended conditions contained in an attachment to the plan. The work by Maxim recorded in this report was conducted in compliance with the amended conditions.

During the week of September 20, 2004 Maxim returned to the site in order to fulfill requirements of the discharge plan amended conditions. These requirements included the following:

- Installation of a monitoring well downgradient of WMW-3,
- Installation of a monitoring well west of WMW-2,
- Annual sampling of all groundwater monitoring wells,
- Composite annual sampling of the evaporation ponds, and
- Preparation of an Annual Report.

On September 22 and 23, 2004 two monitoring wells were installed as specified in the discharge plan amended conditions. The details of this event were recorded and submitted in the annual report submitted by Maxim to the OCD on November 19, 2004.

Maxim conducted an annual groundwater sampling event on June 20 and 21, 2005. 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 utilized 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, rising to approximately 8 feet bgs in well casing, suggesting confined aquifer conditions. The hydraulic gradient, calculated using groundwater elevation data from the June 2005 sampling event, varies across the site from 0.003 ft/ft on the east side in and surrounding the plant to 0.0094 ft/ft on the west side surrounding the ponds. During the June 2005 sampling event, the groundwater flow direction was predominately to the northwest. This is consistent with previous data. A groundwater elevation contour map is presented as 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

Maxim performed groundwater-monitoring activities on June 20 and 21, 2005. 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 well 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 well known to contain benzene, 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; and total dissolved solids (TDS) by EPA Method 160.1, and pH by EPA Method 150.1. The samples collected from the evaporation pond area (MWR-1, MW-2, and MW-3, and East Pond and West Pond 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. 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 2005 groundwater analytical results are summarized in Table 2. Selected analytical results versus time for each well are presented in Appendix A. The laboratory analytical report 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 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. This indicates that the ponds are not leaking.

The samples from MWR-1, MW-2, and MW-3 contained no detectable BTEX or coliform. BOD and COD concentrations were within expected ranges. Analytical result concentrations from MWR-1, MW-2, and MW-3 did not exceed NMWCC Standards for Human Health.

Both the East and West Evaporation Ponds contained concentrations of BOD and COD that were lower than 2004 concentrations. The East Evaporation Pond contained concentrations of total coliform. The samples from the East and West Evaporation Ponds contained elevated concentrations of chloride at 13,000 mg/L and 180,000 mg/L, respectively. The sample collected from the West Evaporation Pond was non-detect for lead and nitrate; however, the MDLs were greater than the NMWQCC standards. The MDLs were high due to the elevated concentrations of chloride and sulfate in the West Pond sample. The East and West Evaporation Ponds contained 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 29,000 micrograms per liter (µg/L) benzene. This concentration is above the New Mexico Water Quality Control Commission (NMWQCC) Standard for Human Health of 10 µg/L for benzene. This benzene concentration is consistent with concentrations found in this well during the 2003 and 2004 sampling events. Toluene, ethylbenzene, and xylenes were detected in WMW-2 at levels below the NMWQCC Standards for Human Health. The analytical results for toluene and xylenes were slightly lower than the 2004 results. The analytical result for ethylbenzene was the same as the result from the 2004 sampling event. BTEX was not detected in WMW-4 or WMW-7, located downgradient 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. All chloride concentrations have increased slightly since the 2004 sampling event with the exception of WMW-1, which has decreased.

The samples from WMW-1, WMW-3, WMW-5, and WMW-7 contained sulfate and TDS concentrations above the NMWQCC standards. Values have decreased since the 2004 sampling event except sulfate in WMW-5 and WMW-7 and TDS in WMW-7. WMW-2 and WMW-4 contained TDS concentrations above the NMWQCC standard. The TDS concentrations in WMW-2 and WMW-4 have decreased since the 2004 sampling event.

FIGURES

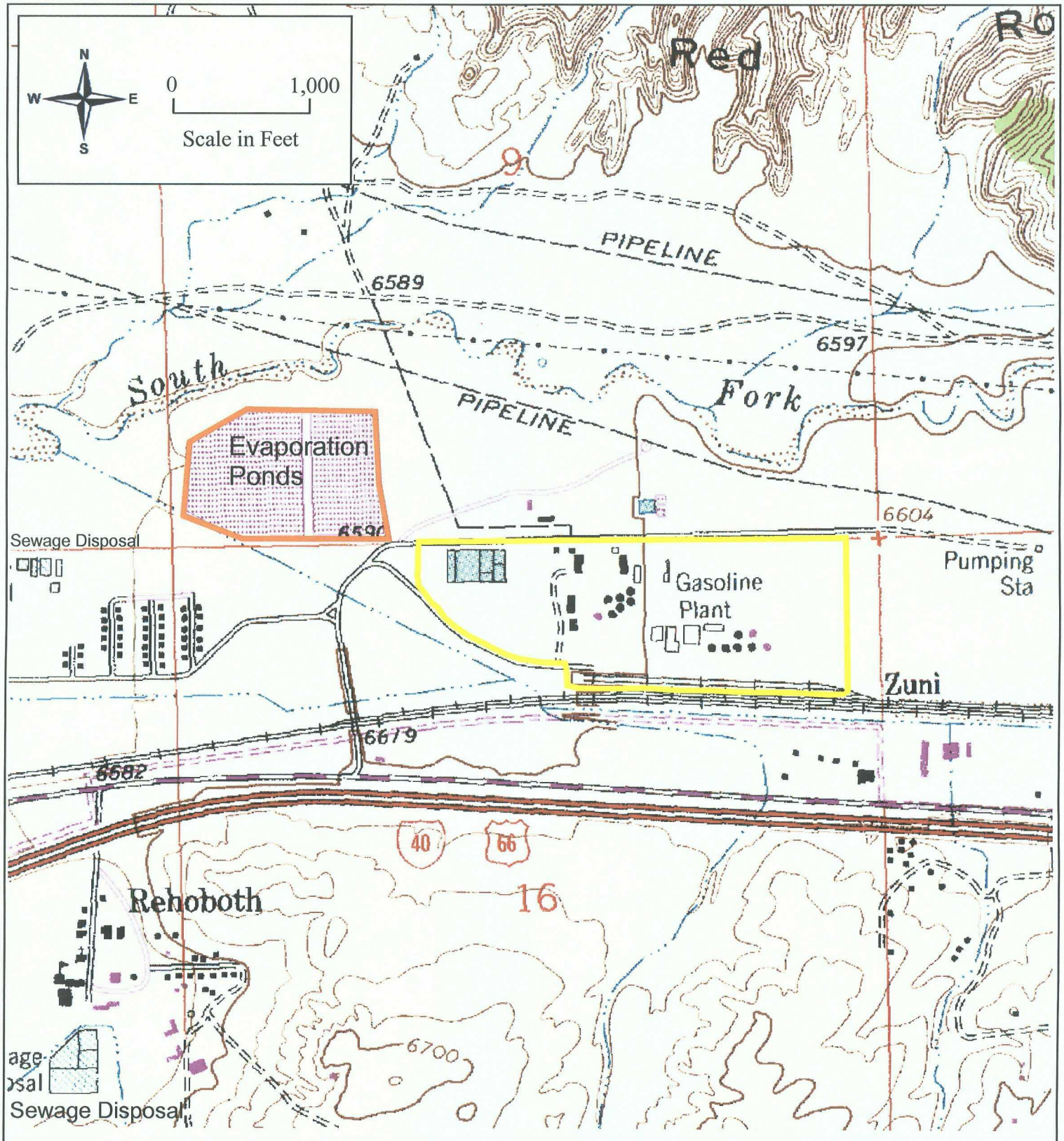

Figure 1: Site Location Map

CONOCOPHILLIPS WINGATE GAS FRACTIONATING PLANT
GALLUP, NEW MEXICO

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

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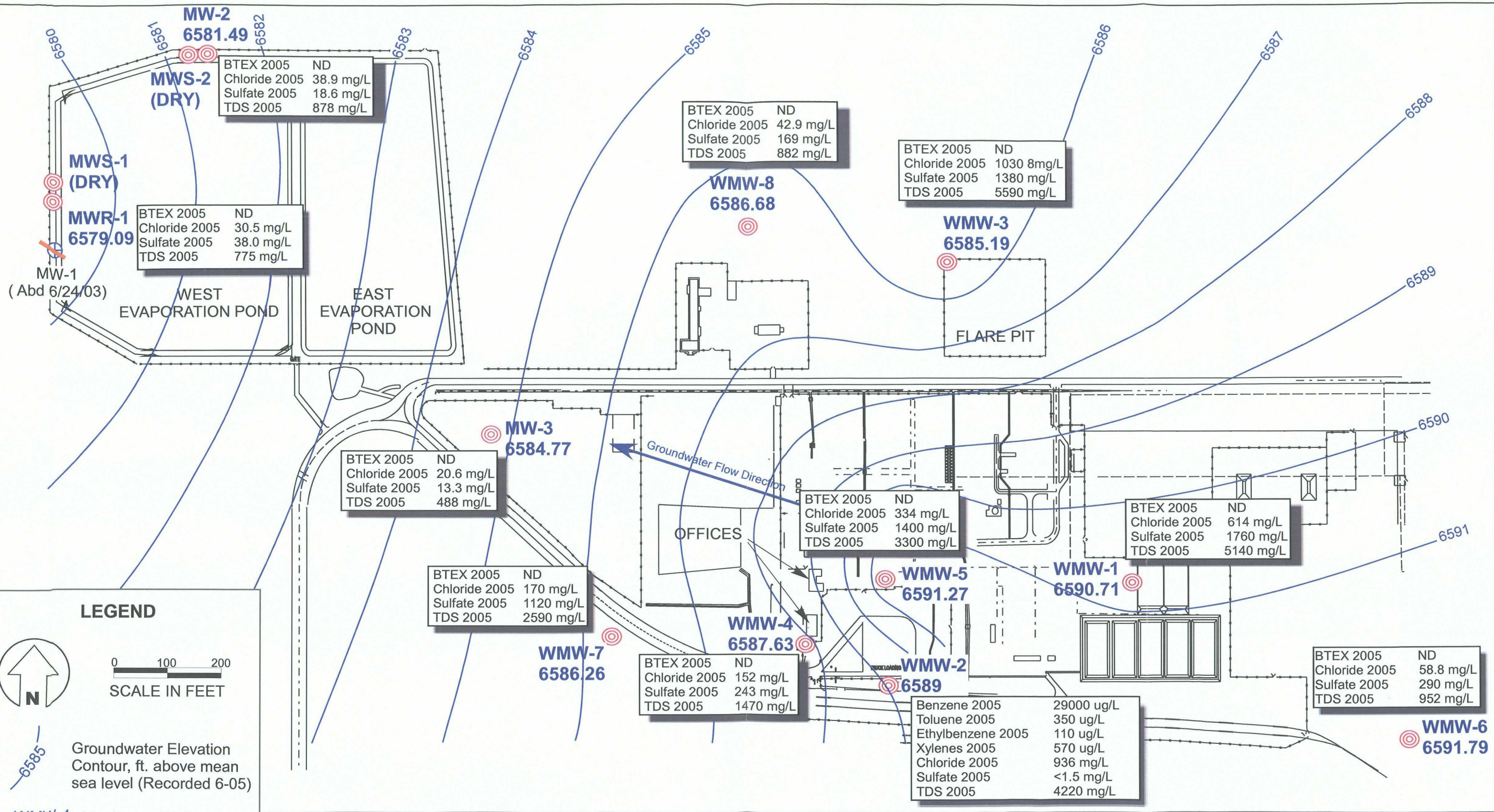
KEH 8-11-05



LEGEND

N

0 100 200
SCALE IN FEET

6585 — Groundwater Elevation Contour, ft. above mean sea level (Recorded 6-05)

WMW-4 6587.59 — Monitoring Well with Groundwater Elevation ft. above mean sea level

MWR-1 — re-drill to replace MW-1

MW-1 — Plugged and abandoned 6-24-03

ConocoPhillips Wingate Gas Fractionating Plant
Gallup, New Mexico

FIGURE 2: Site Map with Groundwater Elevation Contours and Analytical Results

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TABLES

Table 1. Wingate Groundwater Elevation (06/20-21/2005)

Well ID	Elevation (TOC)	Screened Interval (feet)	Total Depth (bgs)	Depth to Groundwater (feet below TOC)	Groundwater Elevation
MWR-1	6585.13	20 - 45	45	6.04	**6579.09**
MW-2	6585.91	20 - 45	45	4.42	**6581.49**
MW-3	6590.08	20 - 45	45	5.31	**6584.77**
WMW-1	6597.13	5 - 15	15	6.42	**6590.71**
WMW-2	6594.88	5 - 20	20	5.88	**6589.00**
WMW-3	6594.92	5 - 20	20	9.73	**6585.19**
WMW-4	6595.49	5 - 20	20	7.86	**6587.63**
WMW-5	6597.11	5 - 20	20	5.84	**6591.27**
WMW-6	6603.86	20-35	35	12.07	**6591.79**
WMW-7	6594.7	16-38	38	8.44	**6586.26**
WMW-8	6594.05	17-38	38	7.37	**6586.68**

Notes:
TOC - Top of Casing
bgs - below ground surface

Wingate Fractionating Plant
Groundwater Analytical Results Summary
Table 2

Sample Location	Date Sampled	Wingate Fractionating Plant, Gallup, New Mexico ANALYSES FROM GROUNDWATER SAMPLING, MAY and JULY, 2003, SEPTEMBER 2004 and JUNE 2005																						
		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	**1340**
	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
MWS-1 dry		Dry Well; Not Sampled																						
MWS-2 dry		Dry Well; 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	418	<0.003	64.4	<0.5	102	<9.6	NA	770	**1140**
	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
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
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	1140	<0.003	**648**	<0.5	**1870**	<9.8	NA	1050	**5090**
	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	1370	<0.0100	**627**	<0.40	**1880**	<1	7.8	1030	**5150**
	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	1370	<0.0084	**614**	<0.40	**1760**	<1	7.0	1060	**5140**
WMW-2	05/14/03	**29000**	<500	<500	**<1000**	NS	NA	0.016	0.42	47.3	0.0081	0.0095	27.4	NA	NA	1140	0.0180	**628**	0.6	8.2	24	NA	1710	**3150**
	09/24/04	**28000**	450	110	**650**	NS	<0.000028	<0.0047	0.421	57.2	0.0036	<0.0025	33.8	<0.0059	<0.0020	1510	0.0100	**936**	<0.40	<1.5	21	7.6	2110	**4220**
	06/21/05	**29000**	350	110	**570**	NS	<0.000062	<0.0093	0.442	53.6	0.0047	<0.0048	32.3	<0.0094	<0.0020	1450	<0.0084	**962**	<0.40	<1.5	17	7.5	2090	**3800**
	duplicate	**25000**	62	84	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	1860	0.042	**1150**	1.5	**1680**	<9.5	NA	1090	**5570**
	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	1810	**0.250**	**985**	<0.40	**1410**	<10	7.5	1700	**6030**
	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	1700	0.0112	**1030**	<0.40	**1380**	<1	7.5	1230	**5590**
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	**3070**
	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	**1550**
	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	**1470**
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	1310	<0.003	**598**	<0.5	**2380**	<9.5	NA	895	**5530**
	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	**1330**	<1	7.1	788	**3410**
	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	**1400**	<1	7.0	693	**3300**
WMW-6	07/30/03	<0.5	<0.7	<0.8	<0.8	ND	<0.00016	<0.0049	0.224	48.3	<0.00087	0.0074	18.1	<0.0047	<0.0018	334	<0.0093	71.9	<0.40	393	NA	7.9	506	**1220**
	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	**1020**
	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
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	**1200**
	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	**1120**	<1	7.7	630	**2590**
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
West Pond	09/23/04	<10	<14	<16	<16	NS	<0.000028	0.0362	0.0858	698	<0.00076	0.0051	8830	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	4950	0.0145	0.0077	142,000	**<0.0840**	**180,000**	**<1600**	**16,400**	<1	7.7	357	**369,000**
East Pond	09/23/04	<3	<4	<4	<4	NS	<0.000028	<0.0047	0.0730	1080	<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	1010	<0.00097	<0.0048	488	<0.0094	<0.0020	9560	<0.0084	**13,000**	**<0.40**	**5090**	<1	10.4	110	**31,100**
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***	**600**	**30**		**NE**	**1000**

Sample Location	Date Sampled	EPA 405.1 BOD	EPA 410.1 COD	SM 9222D Fecal Coliform	Standard Method 19, 1995, 9223B Total Coliform
MWR-1	07/31/03	9.2 mg/L	32.1 mg/L	ND	NS
	09/24/04	11.0 mg/L	20.6 mg/L	NS	<1.0/100ml
	06/21/05	<3.5 mg/L	12.9 mg/L	NS	<1.0/100ml
MW-2	05/14/03	<4 mg/L	17.1 mg/L	ND	NS
	09/24/04	<6.0 mg/L	26.7 mg/L	NS	<1.0/100ml
	06/21/05	<2.5mg/L	32.4 mg/L	NS	<1.0/100ml
MW-3	05/14/03	<4 mg/L	ND	ND	NS
	09/24/04	5.2 mg/L	<1.4 mg/L	NS	<1.0/100ml
	06/21/05	<2.2 mg/L	7.4 mg/L	NS	<1.0/100ml
MWS-1	Dry Wells; Not Sampled				
MWS-2					
East Pond	09/23/04	18.9 mg/L	150 mg/L	NS	<200.5/100ml
	06/21/05	8.7 mg/L	105 mg/L	NS	>200.5/100ml
West Pond	09/23/04	62.5 mg/L	1210 mg/L	NS	<1.0/100ml
	06/21/05	7.5 mg/L	775 mg/L	NS	<1.0/100ml

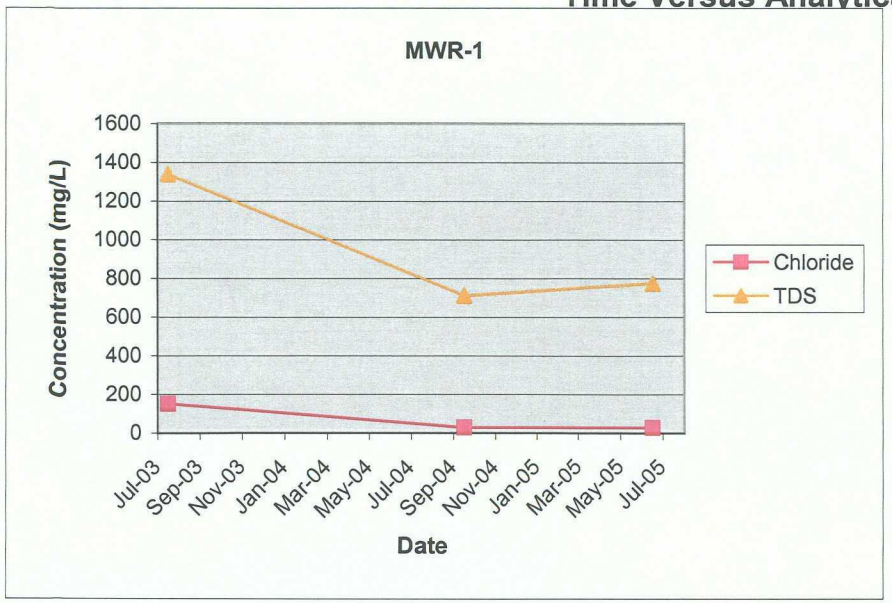
NOTES:

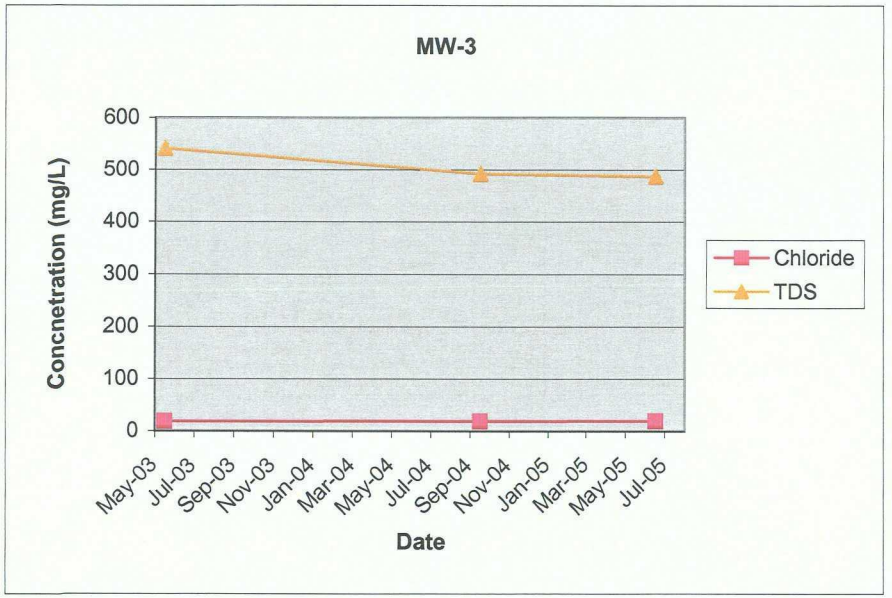
MW	Monitoring Well MWS = Shallow MWR = Redrill
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, Movember 1986 and its updates
MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions
NMWQCC	New Mexico Water Quality Control Commission
NA	Not Analyzed
ND	Not detected above laboratory detection limits
NE	Not established by NMWQCC
NS	*Not Sampled*
*	Converted from 10 mg/L to 44 mg/L for Nitrate as NO3

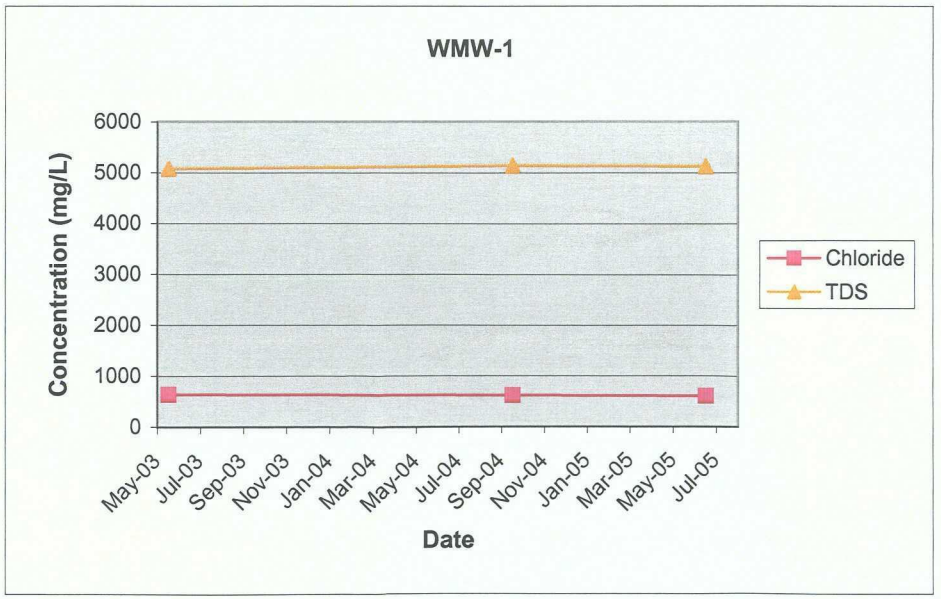
APPENDIX A

Time versus Analytical Concentration and Groundwater Elevation Graphs

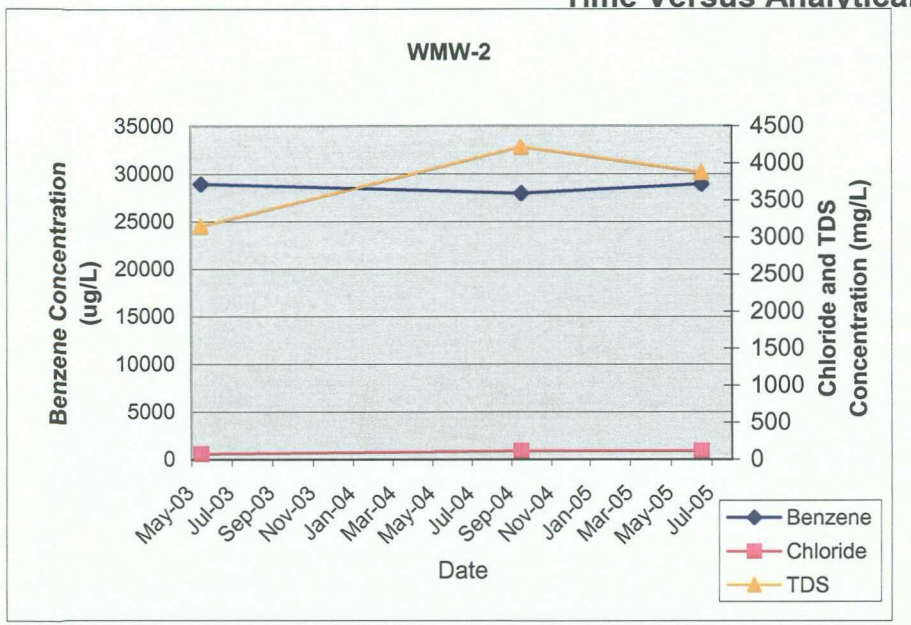
Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

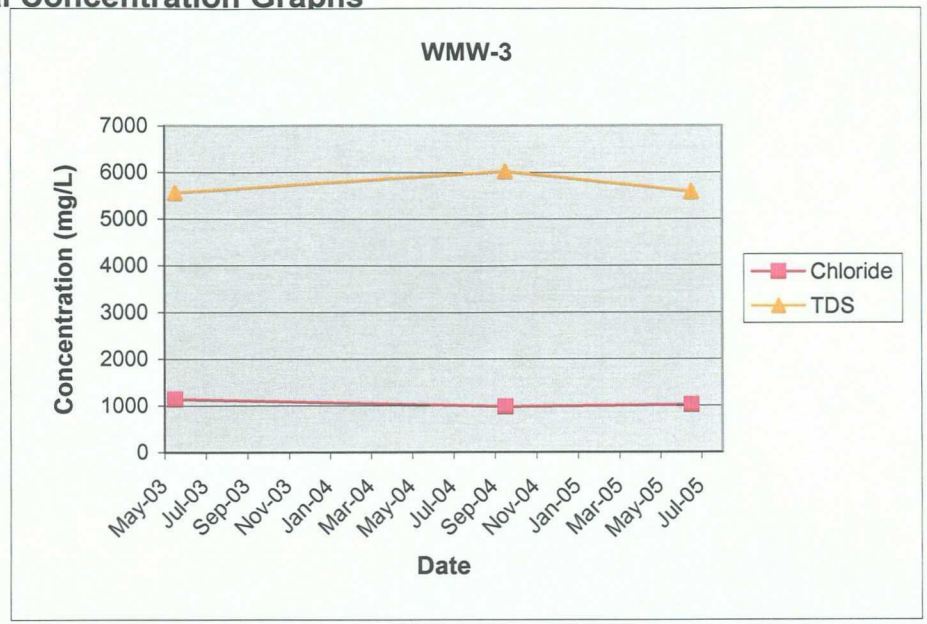


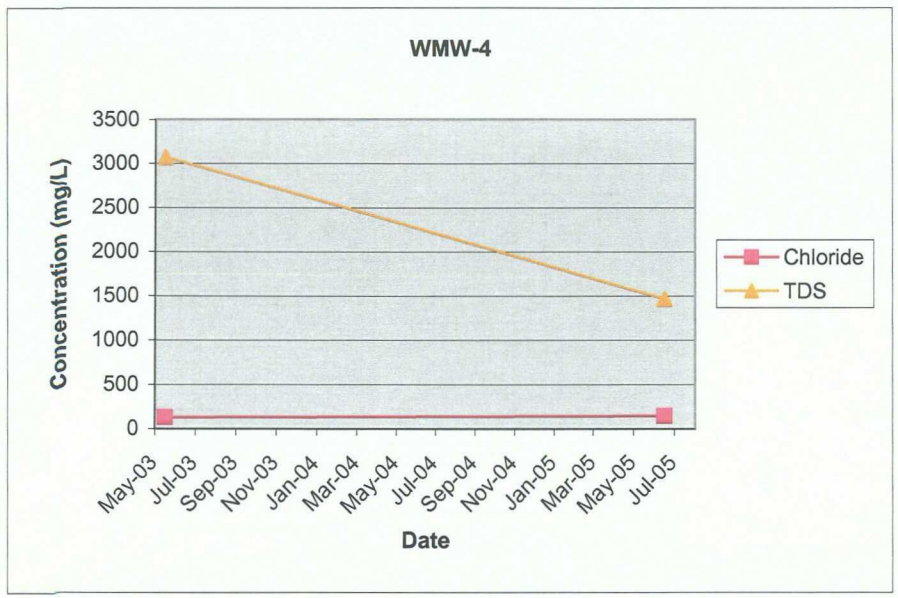




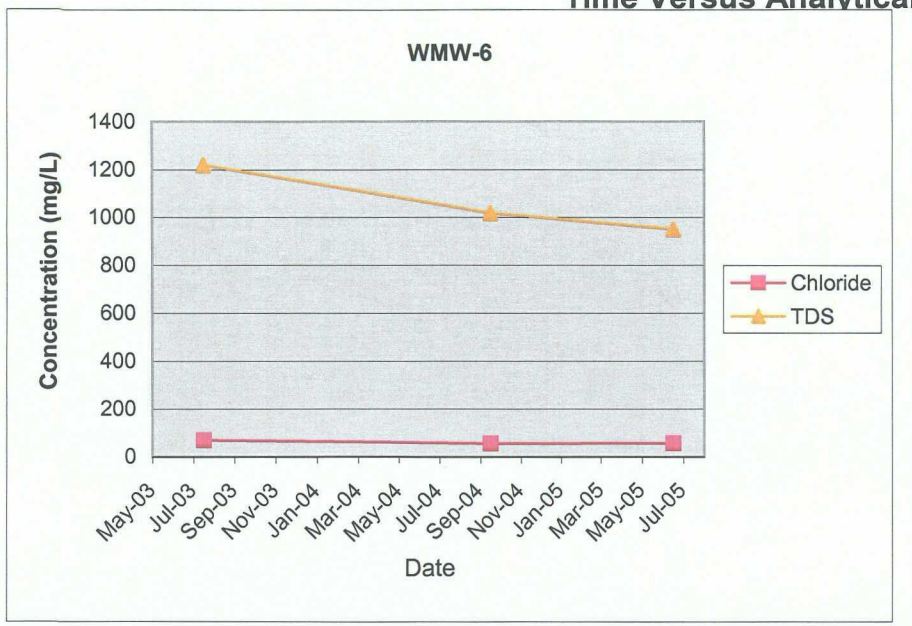
Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

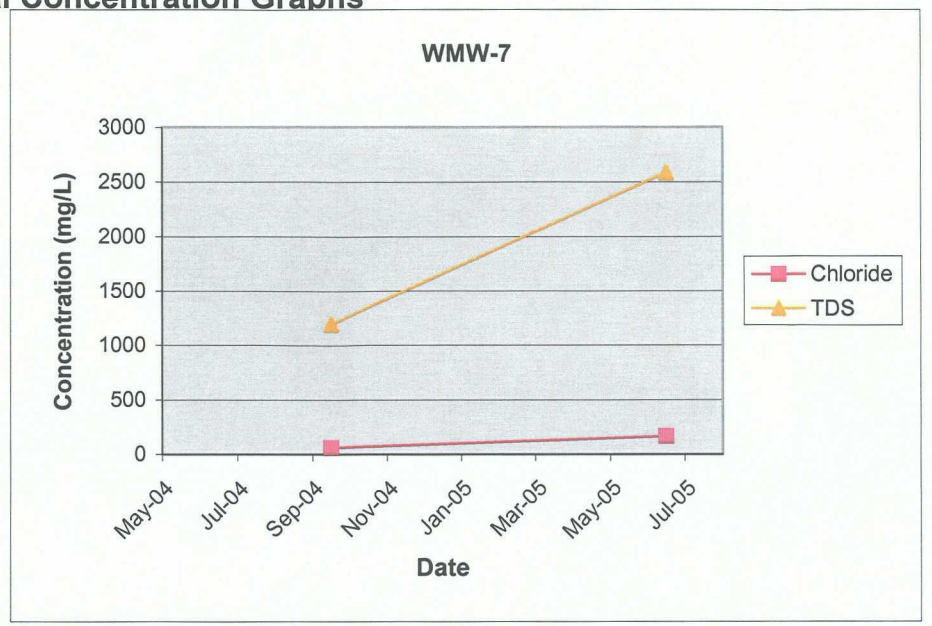


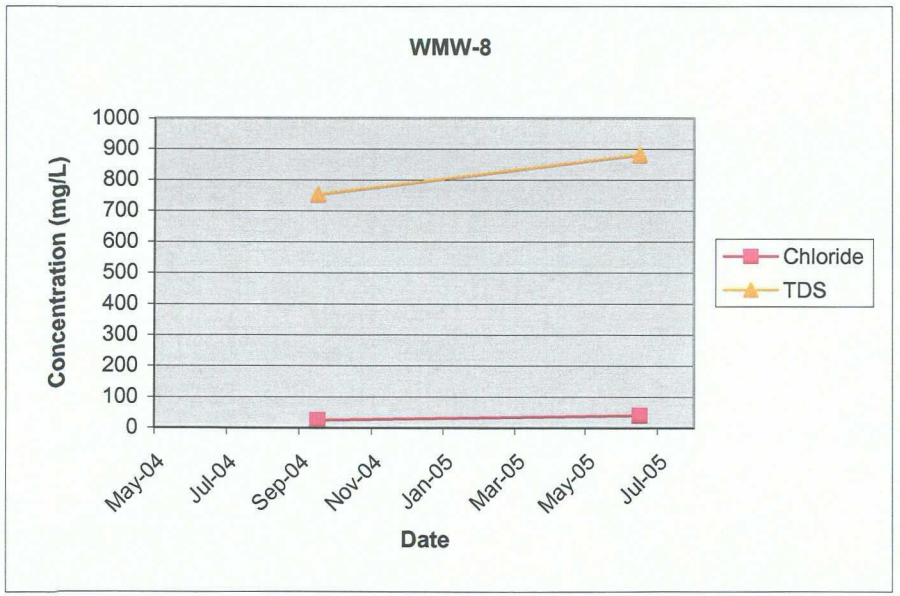




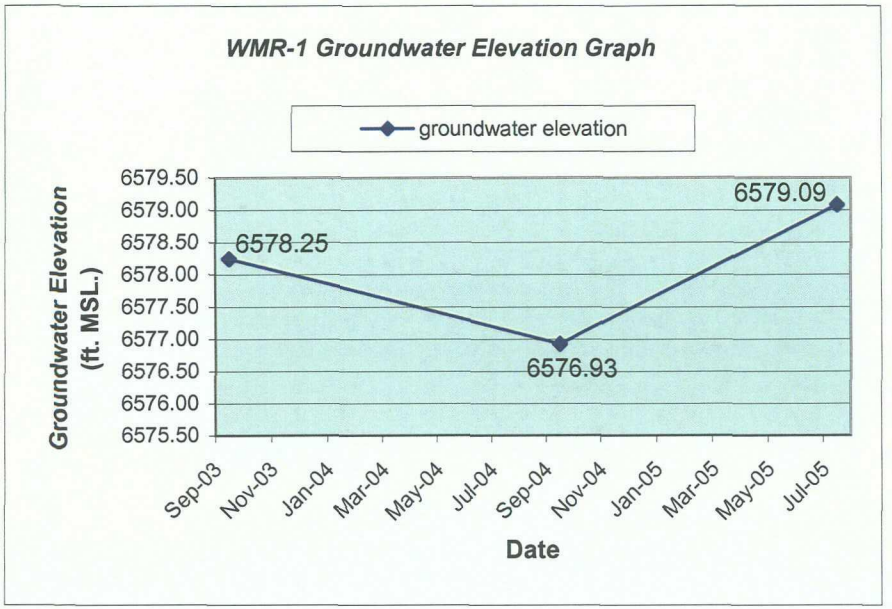
Wingate Fractionating Plant
Time Versus Analytical Concentration Graphs

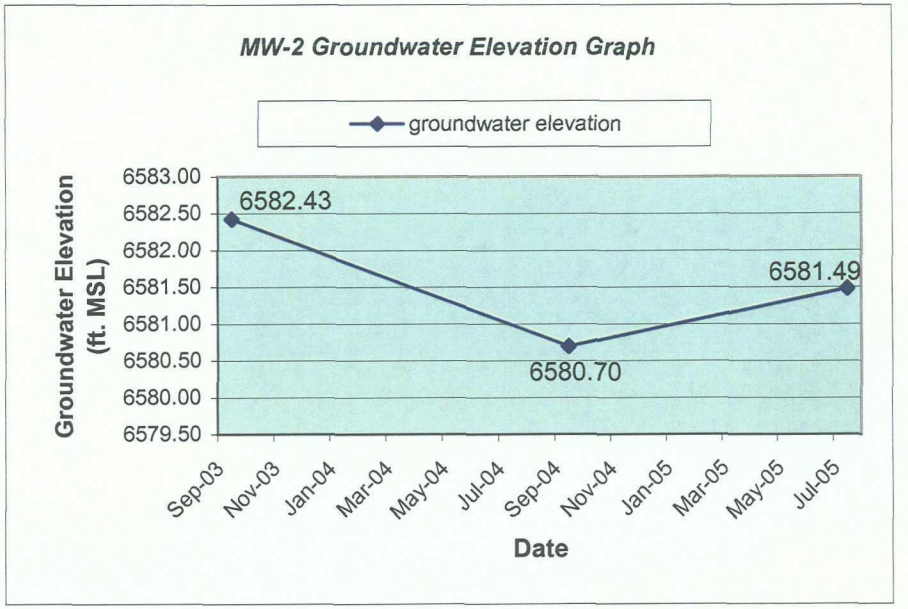


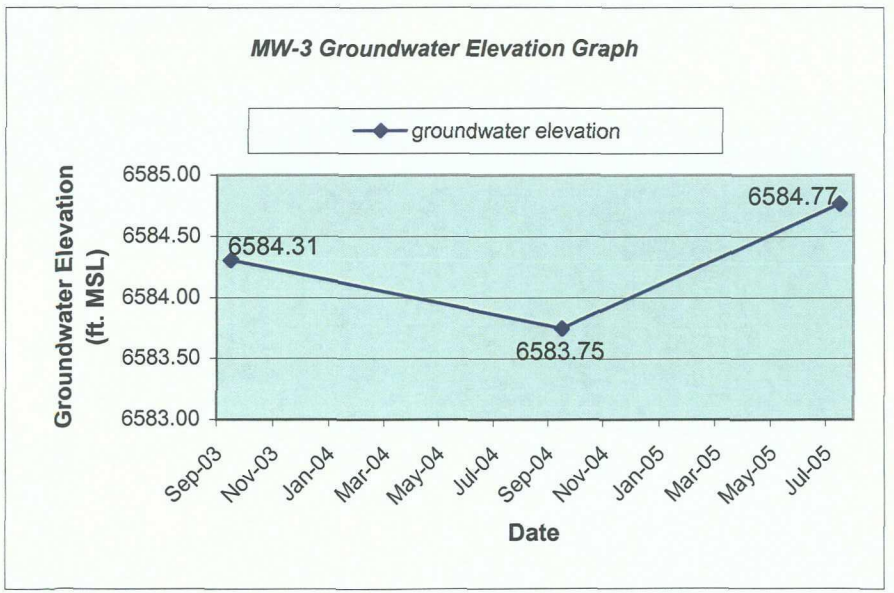


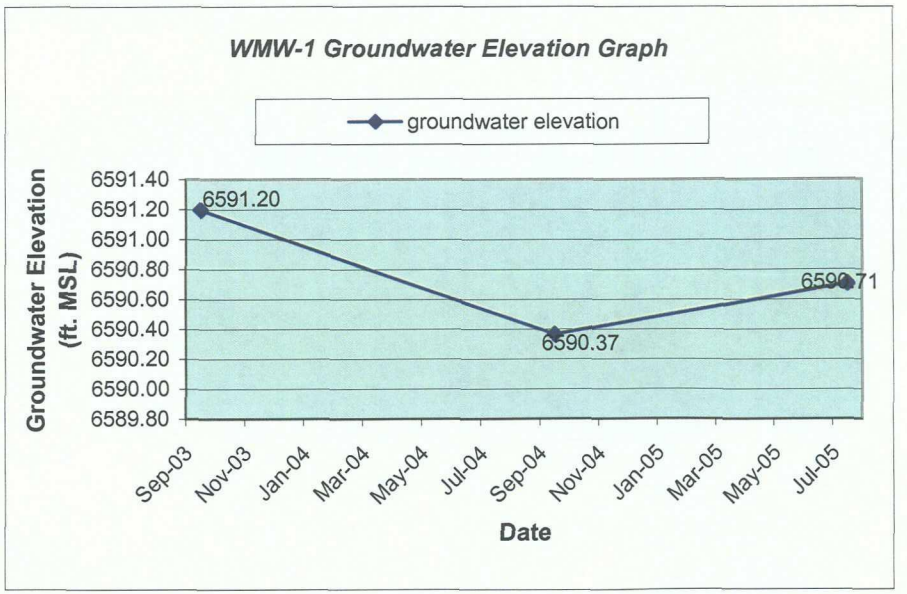


Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs

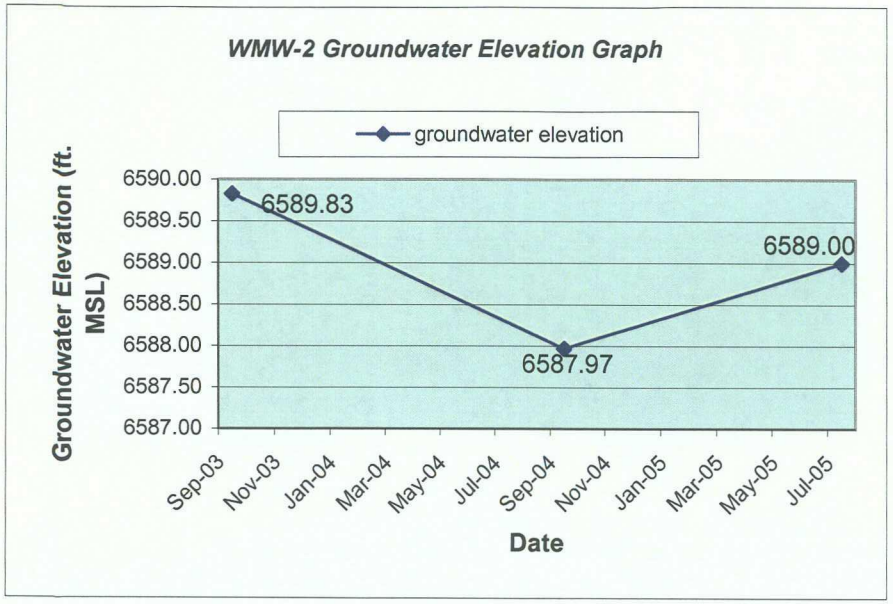


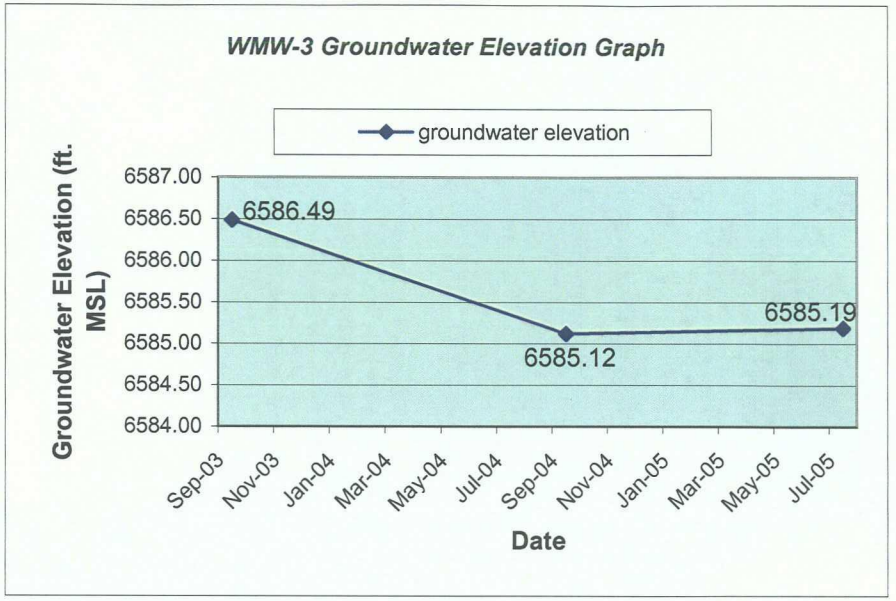


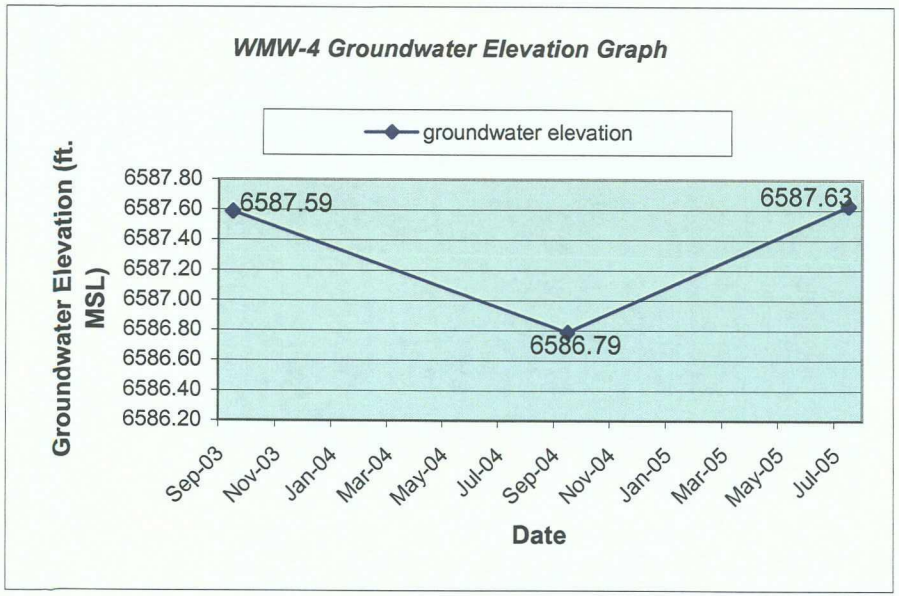


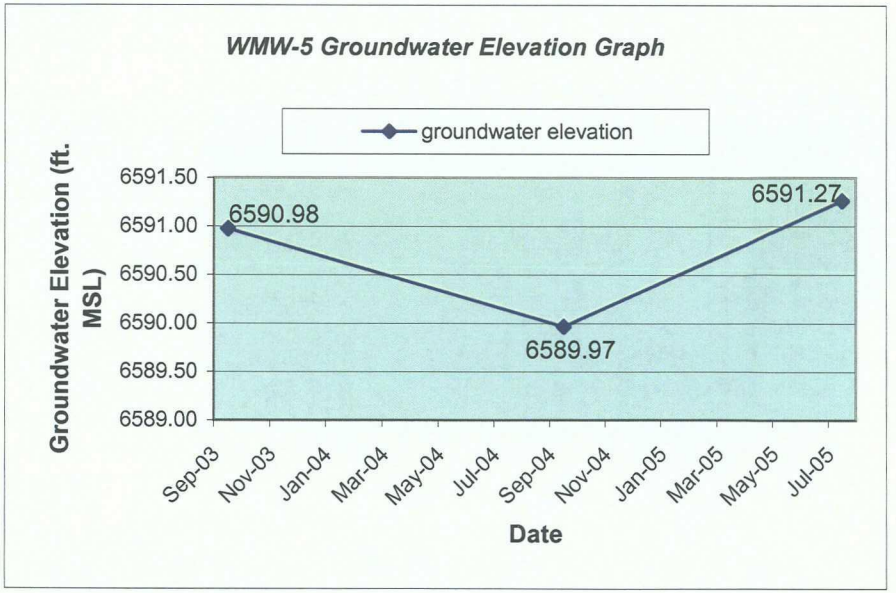


Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs

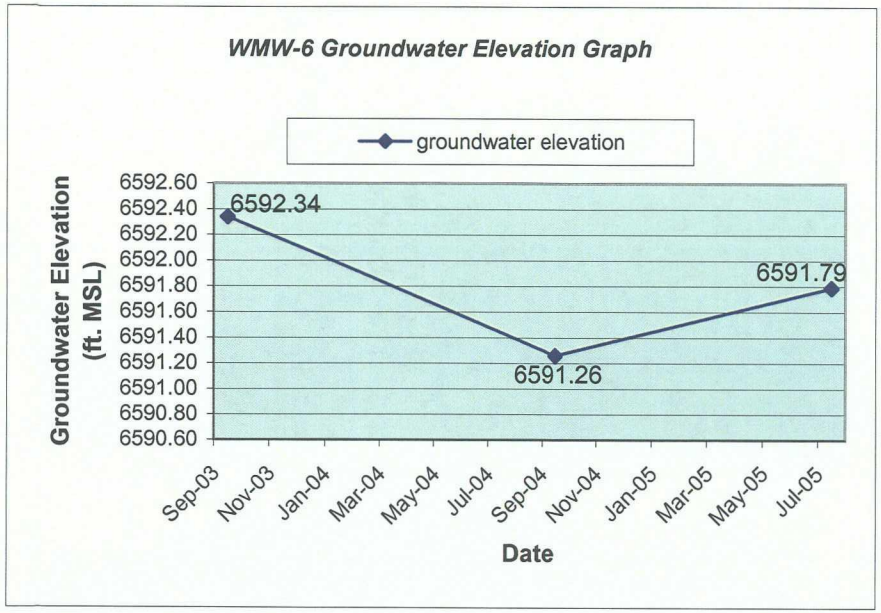








Wingate Fractionating Plant
Time Versus Groundwater Elevation Graphs



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
P.O. Box 2197
Houston TX 77252

832-379-6415

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 948267. Samples arrived at the laboratory on Wednesday, June 22, 2005. The PO# for this group is 6051MAX002 and the release number is NEAL GOATES.

Client Description	Lancaster Labs Number
WMW-6 Grab Water Sample	4548070
WMW-8 Grab Water Sample	4548071
MW-3 Grab Water Sample	4548072
MW-2 Grab Water Sample	4548073
MWR-1 Grab Water Sample	4548074
WMW-7 Grab Water Sample	4548075
WMW-2 Grab Water Sample	4548076
Duplicate Grab Water Sample	4548077

ELECTRONIC COPY TO	Maxim Technologies	Attn: Kelly Henderson
1 COPY TO	Maxim Technologies	Attn: Robert Sengebush

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,

Michele J. Smith

Michele J. Smith
Group Leader

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 4548070

WMW-6 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:05 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	35.9	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	13.4	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	294.	10.0	25.0	mg/l	25
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0490	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	428.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	952.	38.8	120.	mg/l	1
00224	Chloride	16887-00-6	58.8	7.5	10.0	mg/l	25
00228	Sulfate	14808-79-8	290.	7.5	25.0	mg/l	25
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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 4548070

WMW-6 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:05 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	50.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	25.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	25.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	25.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	9.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548070

WMW-6 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:05 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/24/2005 07:24	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
01757	Magnesium	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
01767	Sodium	SW-846 6010B	1	07/08/2005 09:06	Deborah A Krady	25
07035	Arsenic	SW-846 6010B	1	07/08/2005 09:01	Deborah A Krady	1
07036	Selenium	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
07046	Barium	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
07049	Cadmium	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
07051	Chromium	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
07055	Lead	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
07066	Silver	SW-846 6010B	1	07/02/2005 08:53	Deborah A Krady	1
00200	pH	EPA 150.1	1	06/22/2005 19:30	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. WW 4548070

WMW-6 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:05 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-6

00202	Alkalinity to pH 4.5	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1
00224	Chloride	EPA 300.0	1	06/28/2005 19:21	Shannon L Phillips	25
00228	Sulfate	EPA 300.0	1	06/29/2005 13:14	Shannon L Phillips	25
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 11:06	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/25/2005 18:51	Chad A Moline	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 07:49	Andrea D Moore	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2005 17:00	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 07:49	Andrea D Moore	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/29/2005 18:20	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/23/2005 18:30	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 4548071

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	29.3	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	14.7	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	279.	10.0	25.0	mg/l	25
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.126	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	497.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	882.	19.4	60.0	mg/l	1
00224	Chloride	16887-00-6	42.9	6.0	8.0	mg/l	20
00228	Sulfate	14808-79-8	169.	6.0	20.0	mg/l	20
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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 4548071

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	49.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548071

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/24/2005 07:25	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
01757	Magnesium	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
01767	Sodium	SW-846 6010B	1	07/08/2005 09:14	Deborah A Krady	25
07035	Arsenic	SW-846 6010B	1	07/08/2005 09:10	Deborah A Krady	1
07036	Selenium	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
07046	Barium	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
07049	Cadmium	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
07051	Chromium	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
07055	Lead	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
07066	Silver	SW-846 6010B	1	07/02/2005 08:59	Deborah A Krady	1
00200	pH	EPA 150.1	1	06/22/2005 19:30	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	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 4548071

WMW-8 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 08:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:26
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-8

00202	Alkalinity to pH 4.5	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1
00224	Chloride	EPA 300.0	1	06/28/2005 19:36	Shannon L Phillips	20
00228	Sulfate	EPA 300.0	1	06/29/2005 13:28	Shannon L Phillips	20
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 11:20	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/25/2005 19:14	Chad A Moline	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 08:15	Andrea D Moore	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2005 17:00	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 08:15	Andrea D Moore	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/29/2005 18:20	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/23/2005 18:30	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 4548072

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 09:25 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	26.6	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	12.8	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	144.	10.0	25.0	mg/l	25
07035	Arsenic	7440-38-2	0.0108	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.160	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	7.6	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	415.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	488.	9.7	30.0	mg/l	1
00224	Chloride	16887-00-6	20.6	1.5	2.0	mg/l	5
00228	Sulfate	14808-79-8	13.3	1.5	5.0	mg/l	5
00235	Biochemical Oxygen Demand	n.a.	N.D.	2.2	2.2	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
01553	Chemical Oxygen Demand	n.a.	7.4	2.1	8.0	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548072

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 09:25 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-3

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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	62.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	52.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	26.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	26.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	26.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548072

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 09:25 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-3

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.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
	Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.						
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/24/2005 07:34	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
01757	Magnesium	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
01767	Sodium	SW-846 6010B	1	07/08/2005 09:22	Deborah A Krady	25
07035	Arsenic	SW-846 6010B	1	07/08/2005 09:18	Deborah A Krady	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 4548072

MW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 09:25 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-3

07036	Selenium	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
07046	Barium	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
07049	Cadmium	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
07051	Chromium	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
07055	Lead	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
07066	Silver	SW-846 6010B	1	07/02/2005 09:04	Deborah A Krady	1
08161	Tot Coli/E. coli (Quanti-tray)	Stand Meth 19, 1995, 9223B	1	06/23/2005 15:25	Earl R Custer	n.a.
00200	pH	EPA 150.1	1	06/22/2005 19:30	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1
00224	Chloride	EPA 300.0	1	06/22/2005 11:35	Shannon L Phillips	5
00228	Sulfate	EPA 300.0	1	06/29/2005 13:43	Shannon L Phillips	5
00235	Biochemical Oxygen Demand	EPA 405.1	1	06/22/2005 22:39	Nicole R Rohrer	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 11:35	Shannon L Phillips	5
01553	Chemical Oxygen Demand	EPA 410.2	1	06/28/2005 07:05	Susan A Engle	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/25/2005 19:36	Chad A Moline	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 08:42	Andrea D Moore	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2005 17:00	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 08:42	Andrea D Moore	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/29/2005 18:20	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/23/2005 18:30	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 4548073

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected: 06/21/2005 10:10 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	6.45	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	3.14	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	310.	10.0	25.0	mg/l	25
07035	Arsenic	7440-38-2	0.0196	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.141	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	4.4	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	708.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	878.	19.4	60.0	mg/l	1
00224	Chloride	16887-00-6	38.9	3.0	4.0	mg/l	10
00228	Sulfate	14808-79-8	18.6	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.	0.40	0.50	mg/l	5
01553	Chemical Oxygen Demand	n.a.	32.4	2.1	8.0	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548073

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 10:10 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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.	48.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548073

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 10:10 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/24/2005 07:35	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	1
01757	Magnesium	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	1
01767	Sodium	SW-846 6010B	1	07/08/2005 09:39	Deborah A Krady	25
07035	Arsenic	SW-846 6010B	1	07/08/2005 09:35	Deborah A Krady	1
07036	Selenium	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	1
07046	Barium	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	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 4548073

MW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 10:10 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-2

07049	Cadmium	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	1
07051	Chromium	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	1
07055	Lead	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	1
07066	Silver	SW-846 6010B	1	07/02/2005 09:09	Deborah A Krady	1
08161	Tot Coli/E. coli (Quanti-tray)	Stand Meth 19, 1995, 9223B	1	06/23/2005 15:25	Earl R Custer	n.a.
00200	pH	EPA 150.1	1	06/22/2005 19:30	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1
00224	Chloride	EPA 300.0	1	06/28/2005 20:48	Shannon L Phillips	10
00228	Sulfate	EPA 300.0	1	06/29/2005 14:55	Shannon L Phillips	5
00235	Biochemical Oxygen Demand	EPA 405.1	1	06/22/2005 22:39	Nicole R Rohrer	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 11:49	Shannon L Phillips	5
01553	Chemical Oxygen Demand	EPA 410.2	1	06/28/2005 07:05	Susan A Engle	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/25/2005 19:59	Chad A Moline	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 14:01	Shawn J Rice	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2005 17:00	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 14:01	Shawn J Rice	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/29/2005 18:20	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/23/2005 18:30	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 4548074

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 10:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPR1

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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	10.2	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	6.02	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	278.	10.0	25.0	mg/l	25
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.191	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	611.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	775.	19.4	60.0	mg/l	1
00224	Chloride	16887-00-6	30.5	3.0	4.0	mg/l	10
00228	Sulfate	14808-79-8	38.0	1.5	5.0	mg/l	5
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.5	3.5	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
01553	Chemical Oxygen Demand	n.a.	12.9	2.1	8.0	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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 4548074

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 10:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPR1

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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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.	48.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548074

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 10:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPR1

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.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	2.	2.	10.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	5.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/24/2005 07:36	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1
01757	Magnesium	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1
01767	Sodium	SW-846 6010B	1	07/08/2005 09:48	Deborah A Krady	25
07035	Arsenic	SW-846 6010B	1	07/08/2005 09:43	Deborah A Krady	1
07036	Selenium	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1
07046	Barium	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548074

MWR-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 10:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:27
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPR1

07049	Cadmium	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1
07051	Chromium	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1
07055	Lead	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1
07066	Silver	SW-846 6010B	1	07/02/2005 09:14	Deborah A Krady	1
08161	Tot Coli/E. coli (Quanti-tray)	Stand Meth 19, 1995, 9223B	1	06/23/2005 15:25	Earl R Custer	n.a.
00200	pH	EPA 150.1	1	06/22/2005 19:30	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1
00224	Chloride	EPA 300.0	1	06/28/2005 21:03	Shannon L Phillips	10
00228	Sulfate	EPA 300.0	1	06/29/2005 15:10	Shannon L Phillips	5
00235	Biochemical Oxygen Demand	EPA 405.1	1	06/22/2005 22:39	Nicole R Rohrer	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 12:03	Shannon L Phillips	5
01553	Chemical Oxygen Demand	EPA 410.2	1	06/28/2005 07:05	Susan A Engle	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/27/2005 05:43	Linda M Hartenstine	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 14:28	Shawn J Rice	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2005 17:00	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 14:28	Shawn J Rice	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/29/2005 18:20	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/23/2005 18:30	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 4548075

WMW-7 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 11:15 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	48.0	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	25.4	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	803.	40.1	100.	mg/l	100
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0394	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	630.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	2,590.	77.6	240.	mg/l	1
00224	Chloride	16887-00-6	170.	60.0	80.0	mg/l	200
00228	Sulfate	14808-79-8	1,120.	30.0	100.	mg/l	100
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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 4548075

WMW-7 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 11:15 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	50.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	25.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	25.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	25.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548075

WMW-7 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 11:15 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-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.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/24/2005 07:38	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
01757	Magnesium	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
01767	Sodium	SW-846 6010B	1	07/08/2005 09:56	Deborah A Krady	100
07035	Arsenic	SW-846 6010B	1	07/08/2005 09:52	Deborah A Krady	1
07036	Selenium	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
07046	Barium	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
07049	Cadmium	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
07051	Chromium	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
07055	Lead	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
07066	Silver	SW-846 6010B	1	07/02/2005 09:20	Deborah A Krady	1
00200	pH	EPA 150.1	1	06/22/2005 19:30	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548075

WMW-7 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 11:15 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUP-7

00202	Alkalinity to pH 4.5	EPA 310.1	1	06/22/2005 17:42	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1
00224	Chloride	EPA 300.0	1	06/28/2005 21:17	Shannon L Phillips	200
00228	Sulfate	EPA 300.0	1	06/29/2005 15:24	Shannon L Phillips	100
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 12:17	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/27/2005 06:06	Linda M Hartenstine	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 15:22	Shawn J Rice	1
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2005 17:00	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 15:22	Shawn J Rice	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/29/2005 18:20	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/23/2005 18:30	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 4548076

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 12:30 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPW2

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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	53.6	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	32.3	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	1,450.	40.1	100.	mg/l	100
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.442	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	0.0047	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	2,090.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	3,800.	194.	600.	mg/l	1
00224	Chloride	16887-00-6	962.	60.0	80.0	mg/l	200
00228	Sulfate	14808-79-8	N.D.	1.5	5.0	mg/l	5
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	10.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	26.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	5.	3.	10.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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 4548076

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 12:30 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPW2

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.	50.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	25.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	25.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	17.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	25.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	1.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	1.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	8.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548076

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 12:30 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPW2

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	9.	2.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	29,000.	100.	1,000.	ug/l	200
05407	Toluene	108-88-3	350.	14.	100.	ug/l	20
05415	Ethylbenzene	100-41-4	110.	16.	100.	ug/l	20
06310	Xylene (Total)	1330-20-7	570.	16.	100.	ug/l	20
	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.						

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/24/2005 07:40	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1
01757	Magnesium	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1
01767	Sodium	SW-846 6010B	1	07/08/2005 10:04	Deborah A Krady	100
07035	Arsenic	SW-846 6010B	1	07/08/2005 10:00	Deborah A Krady	1
07036	Selenium	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1
07046	Barium	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1
07049	Cadmium	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4548076

WMW-2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 12:30 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPW2

07051	Chromium	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1
07055	Lead	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1
07066	Silver	SW-846 6010B	1	07/02/2005 09:25	Deborah A Krady	1
00200	pH	EPA 150.1	1	06/22/2005 19:30	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/23/2005 16:26	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/23/2005 16:26	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1
00224	Chloride	EPA 300.0	2	06/28/2005 22:15	Shannon L Phillips	200
00228	Sulfate	EPA 300.0	1	06/29/2005 15:39	Shannon L Phillips	5
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 12:32	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/27/2005 06:28	Linda M Hartenstine	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 15:49	Shawn J Rice	20
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 16:16	Shawn J Rice	200
00813	BNA Water Extraction	SW-846 3510C	1	06/23/2005 17:00	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 15:49	Shawn J Rice	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/30/2005 16:16	Shawn J Rice	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/29/2005 18:20	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/23/2005 18:30	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 4548077

Duplicate Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/21/2005 12:45 by KH

Account Number: 11288

Submitted: 06/22/2005 08:55
Reported: 07/08/2005 at 20:28
Discard: 08/08/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

LUPFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	25,000.	100.	1,000.	ug/l	200
05407	Toluene	108-88-3	62.	14.	100.	ug/l	20
05415	Ethylbenzene	100-41-4	84.	16.	100.	ug/l	20
06310	Xylene (Total)	1330-20-7	470.	16.	100.	ug/l	20

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.

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 16:42	Shawn J Rice	20
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 17:47	Shawn J Rice	200
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 16:42	Shawn J Rice	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/30/2005 17:47	Shawn J Rice	n.a.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ConocoPhillips
Reported: 07/08/05 at 08:29 PM

Group Number: 948267

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: 05173020001A	Sample number(s): 4548070-4548076								
pH					100		99-101		
Batch number: 05173020201A	Sample number(s): 4548070-4548075								
Alkalinity to pH 4.5					100		98-103		
Batch number: 05173023501A	Sample number(s): 4548072-4548074								
Biochemical Oxygen Demand					108	105	85-115	2	8
Batch number: 05173401101A	Sample number(s): 4548070-4548076								
Chloride	N.D.	0.30	0.40	mg/l	96		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	99		90-110		
Nitrate Nitrogen	N.D.	0.080	0.10	mg/l	96		90-110		
Batch number: 05174020201A	Sample number(s): 4548076								
Alkalinity to pH 4.5					101		98-103		
Batch number: 05174021201A	Sample number(s): 4548070-4548076								
Total Dissolved Solids	N.D.	9.7	30.0	mg/l	94		80-120		
Batch number: 051745713002	Sample number(s): 4548070-4548076								
Mercury	N.D.	0.00006 2	0.00020	mg/l	95		80-120		
Batch number: 05174WAE026	Sample number(s): 4548070-4548076								
4-Chloroaniline	N.D.	1.	10.	ug/l	90		48-114		
Dibenzofuran	N.D.	1.	10.	ug/l	95		65-110		
2-Methylnaphthalene	N.D.	1.	10.	ug/l	94		66-104		
2-Nitroaniline	N.D.	1.	10.	ug/l	100		73-115		
3-Nitroaniline	N.D.	1.	10.	ug/l	99		64-113		
4-Nitroaniline	N.D.	1.	10.	ug/l	87		56-107		
2,4,5-Trichlorophenol	N.D.	1.	10.	ug/l	93		70-115		
2-Chlorophenol	N.D.	1.	10.	ug/l	97		63-112		
Phenol	N.D.	1.	10.	ug/l	45		30-57		
2-Nitrophenol	N.D.	1.	10.	ug/l	107		83-119		
2,4-Dimethylphenol	N.D.	3.	10.	ug/l	93		60-107		
2,4-Dichlorophenol	N.D.	1.	10.	ug/l	97		66-110		
4-Chloro-3-methylphenol	N.D.	1.	10.	ug/l	98		48-114		
2,4,6-Trichlorophenol	N.D.	1.	10.	ug/l	94		69-111		
2,4-Dinitrophenol	N.D.	20.	60.	ug/l	85		44-130		
4-Nitrophenol	N.D.	10.	50.	ug/l	44		16-75		
4,6-Dinitro-2-methylphenol	N.D.	5.	25.	ug/l	92		56-130		
Pentachlorophenol	N.D.	3.	25.	ug/l	88		48-108		
bis(2-Chloroethyl)ether	N.D.	1.	10.	ug/l	91		57-110		

*- Outside of specification
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(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 948267
Reported: 07/08/05 at 08:29 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
1,3-Dichlorobenzene	N.D.	1.	10.	ug/l	91		52-102		
1,4-Dichlorobenzene	N.D.	1.	10.	ug/l	91		54-103		
1,2-Dichlorobenzene	N.D.	1.	10.	ug/l	90		58-99		
Hexachloroethane	N.D.	1.	10.	ug/l	89		33-106		
N-Nitroso-di-n-propylamine	N.D.	1.	10.	ug/l	93		56-109		
Nitrobenzene	N.D.	1.	10.	ug/l	96		61-111		
Isophorone	N.D.	1.	10.	ug/l	92		63-105		
bis(2-Chloroethoxy)methane	N.D.	1.	10.	ug/l	103		69-119		
1,2,4-Trichlorobenzene	N.D.	1.	10.	ug/l	92		62-101		
Naphthalene	N.D.	1.	10.	ug/l	96		58-108		
Hexachlorobutadiene	N.D.	1.	10.	ug/l	88		34-111		
Hexachlorocyclopentadiene	N.D.	5.	25.	ug/l	118		23-134		
2-Chloronaphthalene	N.D.	1.	10.	ug/l	81		56-100		
Acenaphthylene	N.D.	1.	10.	ug/l	107		65-120		
Dimethylphthalate	N.D.	2.	10.	ug/l	90		46-109		
2,6-Dinitrotoluene	N.D.	1.	10.	ug/l	95		70-108		
Acenaphthene	N.D.	1.	10.	ug/l	99		68-111		
2,4-Dinitrotoluene	N.D.	1.	10.	ug/l	103		75-122		
Fluorene	N.D.	1.	10.	ug/l	94		61-116		
4-Chlorophenyl-phenylether	N.D.	1.	10.	ug/l	94		65-110		
Diethylphthalate	N.D.	2.	10.	ug/l	96		61-110		
N-Nitrosodiphenylamine	N.D.	2.	10.	ug/l	102		63-104		
4-Bromophenyl-phenylether	N.D.	1.	10.	ug/l	96		67-110		
Hexachlorobenzene	N.D.	1.	10.	ug/l	97		68-113		
Phenanthrene	N.D.	1.	10.	ug/l	99		68-111		
Anthracene	N.D.	1.	10.	ug/l	100		68-108		
Di-n-butylphthalate	N.D.	2.	10.	ug/l	102		63-113		
Fluoranthene	N.D.	1.	10.	ug/l	94		66-108		
Pyrene	N.D.	1.	10.	ug/l	101		68-114		
Butylbenzylphthalate	N.D.	2.	10.	ug/l	100		63-120		
Benzo(a)anthracene	N.D.	1.	10.	ug/l	97		72-112		
Chrysene	N.D.	1.	10.	ug/l	96		70-111		
3,3'-Dichlorobenzidine	N.D.	2.	10.	ug/l	90		47-117		
bis(2-Ethylhexyl)phthalate	N.D.	2.	10.	ug/l	99		62-126		
Di-n-octylphthalate	N.D.	2.	10.	ug/l	94		58-118		
Benzo(b)fluoranthene	N.D.	1.	10.	ug/l	102		67-117		
Benzo(k)fluoranthene	N.D.	1.	10.	ug/l	99		67-120		
Benzo(a)pyrene	N.D.	1.	10.	ug/l	105		68-121		
Indeno(1,2,3-cd)pyrene	N.D.	1.	10.	ug/l	106		67-122		
Dibenz(a,h)anthracene	N.D.	1.	10.	ug/l	110		71-129		
Benzo(g,h,i)perylene	N.D.	1.	10.	ug/l	104		67-121		
2-Methylphenol	N.D.	1.	10.	ug/l	87		56-105		
2,2'-oxybis(1-Chloropropane)	N.D.	1.	10.	ug/l	112		71-127		
4-Methylphenol	N.D.	2.	10.	ug/l	82		51-98		
Carbazole	N.D.	1.	10.	ug/l	100		66-109		
Batch number: 05179155301A	Sample number(s): 4548072-4548074								
Chemical Oxygen Demand					96		87-102		
Batch number: 051801848006	Sample number(s): 4548070-4548076								
Calcium	N.D.	0.0659	0.200	mg/l	101		93-113		
Magnesium	N.D.	0.0135	0.100	mg/l	103		93-110		
Sodium	N.D.	0.401	1.00	mg/l	102		89-112		
Arsenic	N.D.	0.0093	0.0200	mg/l	104		92-109		
Selenium	N.D.	0.0094	0.0200	mg/l	96		91-111		

*- Outside of specification
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Quality Control Summary

Client Name: ConocoPhillips Group Number: 948267
Reported: 07/08/05 at 08:29 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
Barium	N.D.	0.00044	0.0050	mg/l	103		93-109		
Cadmium	N.D.	0.00097	0.0050	mg/l	100		97-111		
Chromium	N.D.	0.0048	0.0150	mg/l	99		95-112		
Lead	N.D.	0.0084	0.0200	mg/l	101		93-110		
Silver	N.D.	0.0020	0.0050	mg/l	102		96-114		
Batch number: P051803AA	Sample number(s): 4548070-4548072								
Benzene	N.D.	0.5	5.	ug/l	104		85-117		
Toluene	N.D.	0.7	5.	ug/l	105		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	107		82-119		
Xylene (Total)	N.D.	0.8	5.	ug/l	106		83-113		
Batch number: P051811AA	Sample number(s): 4548073-4548077								
Benzene	N.D.	0.5	5.	ug/l	104	102	85-117	2	30
Toluene	N.D.	0.7	5.	ug/l	105	105	85-115	0	30
Ethylbenzene	N.D.	0.8	5.	ug/l	104	105	82-119	1	30
Xylene (Total)	N.D.	0.8	5.	ug/l	104	105	83-113	1	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05173020001A	Sample number(s): 4548070-4548076								
pH						7.7	7.7	0	1
Batch number: 05173020201A	Sample number(s): 4548070-4548075								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	100	99	64-130	0	2	733.	734.	0	4
Batch number: 05173023501A	Sample number(s): 4548072-4548074								
Biochemical Oxygen Demand	103	104	67-144	1	9	2,990.	3,010.	1	9
Batch number: 05173401101A	Sample number(s): 4548070-4548076								
Chloride	98		90-110			20.6	20.3	2	3
Sulfate	105		90-110			13.3	12.7	4* (1)	3
Nitrate Nitrogen	97		90-110			N.D.	N.D.	0 (1)	2
Batch number: 05174020201A	Sample number(s): 4548076								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	99	102	64-130	1	2	343.	343.	0	4
Batch number: 05174021201A	Sample number(s): 4548070-4548076								
Total Dissolved Solids	95	97	60-140	0	5	2,590.	2,600.	0	5
Batch number: 051745713002	Sample number(s): 4548070-4548076								
Mercury	103	105	80-120	2	20	N.D.	N.D.	0 (1)	20
Batch number: 05174WAE026	Sample number(s): 4548070-4548076								
4-Chloroaniline	1*	1*	20-129	24	30				
Dibenzofuran	88	90	55-120	1	30				
2-Methylnaphthalene	92	92	58-110	1	30				

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Quality Control Summary

Client Name: ConocoPhillips
Reported: 07/08/05 at 08:29 PM

Group Number: 948267

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
2-Nitroaniline	94	97	63-125	3	30				
3-Nitroaniline	69	66	42-125	6	30				
4-Nitroaniline	85	85	51-113	0	30				
2,4,5-Trichlorophenol	78	82	31-139	5	30				
2-Chlorophenol	90	98	38-131	8	30				
Phenol	45	51	12-79	11	30				
2-Nitrophenol	100	104	55-142	4	30				
2,4-Dimethylphenol	112	112	29-134	0	30				
2,4-Dichlorophenol	91	94	48-129	4	30				
4-Chloro-3-methylphenol	89	92	47-132	3	30				
2,4,6-Trichlorophenol	88	91	20-147	4	30				
2,4-Dinitrophenol	81	83	20-151	2	30				
4-Nitrophenol	44	50	10-95	12	30				
4,6-Dinitro-2-methylphenol	127	126	25-147	1	30				
Pentachlorophenol	150*	163*	9-142	8	30				
bis(2-Chloroethyl)ether	99	103	55-108	4	30				
1,3-Dichlorobenzene	89	93	59-101	5	30				
1,4-Dichlorobenzene	90	95	58-103	5	30				
1,2-Dichlorobenzene	88	91	61-98	4	30				
Hexachloroethane	90	97	34-115	8	30				
N-Nitroso-di-n-propylamine	108*	110*	56-106	1	30				
Nitrobenzene	90	94	41-134	4	30				
Isophorone	88	89	47-121	2	30				
bis(2-Chloroethoxy)methane	76	77	66-119	2	30				
1,2,4-Trichlorobenzene	92	96	67-102	4	30				
Naphthalene	93	95	71-101	2	30				
Hexachlorobutadiene	90	96	40-117	6	30				
Hexachlorocyclopentadiene	56	58	19-136	3	30				
2-Chloronaphthalene	79	80	58-96	1	30				
Acenaphthylene	100	103	61-121	2	30				
Dimethylphthalate	87	86	4-131	1	30				
2,6-Dinitrotoluene	89	92	49-128	3	30				
Acenaphthene	91	93	75-108	1	30				
2,4-Dinitrotoluene	90	93	43-147	3	30				
Fluorene	81	83	52-121	2	30				
4-Chlorophenyl-phenylether	81	83	62-113	3	30				
Diethylphthalate	88	89	49-114	2	30				
N-Nitrosodiphenylamine	140*	144*	65-103	3	30				
4-Bromophenyl-phenylether	139*	141*	64-113	2	30				
Hexachlorobenzene	140*	144*	62-117	3	30				
Phenanthrene	92	97	56-125	5	30				
Anthracene	84	87	74-106	4	30				
Di-n-butylphthalate	143*	151*	62-111	5	30				
Fluoranthene	132*	134*	61-112	2	30				
Pyrene	94	96	63-117	2	30				
Butylbenzylphthalate	101	100	61-114	1	30				
Benzo(a)anthracene	97	99	72-112	2	30				
Chrysene	92	94	71-111	3	30				
3,3'-Dichlorobenzidine	16*	13*	26-126	15	30				
bis(2-Ethylhexyl)phthalate	101	102	61-118	1	30				
Di-n-octylphthalate	93	98	55-119	4	30				
Benzo(b)fluoranthene	100	104	69-114	4	30				
Benzo(k)fluoranthene	88	93	68-117	6	30				
Benzo(a)pyrene	100	105	70-115	5	30				

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Quality Control Summary

Client Name: ConocoPhillips
Reported: 07/08/05 at 08:29 PM

Group Number: 948267

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Indeno(1,2,3-cd)pyrene	102	107	69-118	5	30				
Dibenz(a,h)anthracene	107	113	73-126	5	30				
Benzo(g,h,i)perylene	100	104	69-122	3	30				
2-Methylphenol	77	83	11-129	5	30				
2,2'-oxybis(1-Chloropropane)	104	110	69-130	5	30				
4-Methylphenol	72	79	5-128	7	30				
Carbazole	146*	147*	57-120	1	30				
Batch number: 05179155301A	Sample number(s): 4548072-4548074								
Chemical Oxygen Demand	63	64	60-129	1	5	32.4	27.3	17* (1)	8
Batch number: 051801848006	Sample number(s): 4548070-4548076								
Calcium	(2)	(2)	78-122	2	20	106.	107.	1	20
Magnesium	(2)	(2)	75-125	1	20	23.6	23.5	0	20
Sodium	(2)	(2)	75-125	2	20	60.2	60.2	0	20
Arsenic	107	105	86-119	2	20	N.D.	N.D.	0 (1)	20
Selenium	97	97	75-125	0	20	N.D.	N.D.	0 (1)	20
Barium	103	103	82-113	0	20	0.0618	0.0616	0	20
Cadmium	100	100	87-117	0	20	N.D.	N.D.	0 (1)	20
Chromium	99	97	86-118	1	20	N.D.	N.D.	0 (1)	20
Lead	101	101	87-118	0	20	N.D.	N.D.	0 (1)	20
Silver	103	103	75-125	0	20	N.D.	N.D.	0 (1)	20
Batch number: P051803AA	Sample number(s): 4548070-4548072								
Benzene	114	114	83-128	0	30				
Toluene	114	112	83-127	2	30				
Ethylbenzene	115	113	82-129	2	30				
Xylene (Total)	114	112	82-130	1	30				
Batch number: P051811AA	Sample number(s): 4548073-4548077								
Benzene	103		83-128						
Toluene	102		83-127						
Ethylbenzene	102		82-129						
Xylene (Total)	101		82-130						

Surrogate Quality Control

Analysis Name: TCL SW846 Semivolatiles/Waters
Batch number: 05174WAE026

	2-Fluorophenol	Phenol-d6	2,4,6-Tribromophenol	Nitrobenzene-d5
4548070	59	36	95	87
4548071	54	33	96	86
4548072	55	35	90	86
4548073	55	35	94	89
4548074	59	37	95	90
4548075	58	36	89	85
4548076	54	47	89	89
Blank	59	37	93	90
LCS	66	42	101	94
MS	46	39	99	90

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 948267
Reported: 07/08/05 at 08:29 PM

Surrogate Quality Control

MSD	52	43	101	91
Limits:	10-99	10-80	31-148	51-123
	2-Fluorobiphenyl	Terphenyl-d14		
4548070	88	94		
4548071	93	101		
4548072	90	98		
4548073	93	104		
4548074	93	98		
4548075	89	90		
4548076	87	94		
Blank	93	101		
LCS	95	104		
MS	67	99		
MSD	70	102		
Limits:	64-112	53-135		

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: P051803AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4548070	97	96	102	100
4548071	98	95	101	99
4548072	96	95	100	99
Blank	98	97	101	100
LCS	97	96	102	101
MS	98	97	100	100
MSD	97	95	100	100
Limits:	81-120	82-112	85-112	83-113

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: P051811AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4548073	98	94	102	99
4548074	98	96	102	98
4548075	100	97	101	97
4548076	96	95	102	100
4548077	95	94	102	98
Blank	98	97	101	98
LCS	98	95	102	101
LCSD	97	97	102	101
MS	98	95	102	101
Limits:	81-120	82-112	85-112	83-113

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ConocoPhillips Analysis Request/Chain of Custody

Lancaster Laboratories

Acct. #: 11288 — For Lancaster Laboratories use only — Group # 948267 — Sample #: 454870-77

SCR#:

Consultant Office: Maxim Technologies PM: Rob Sengebush

Consultant Phone #: ~~505-237-8440~~ Fax #:

Site #: 605MAX002 Lab PO #:

Site Address: Wingate, Gallup, NM

WNO#: DWT:

Sampler: Kelly Henderson

Matrix: ☐ Potable ☐ NPDES — Soil | Water | Oil ☐ Air ☐

Analyses Requested — List total number of containers in the box under each analysis. Preservation Codes

Preservative Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; O = Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	8260 BTEX	RCRA Metals +	8270	Cl, SO4, TDS, pH	NO3, IC	Alk	~~pH~~	BOD	COD	Coliform	Remarks
WMW-6	6/21/05	805	X			X		X	X	X	X	X	X	X				
WMW-8	6/21	8:45	X			X		X	X	X	X	X	X	X				
MW-3	6/21	9:25	X			X		X	X	X	X	X	X	X	X	X	X	
MW-2	6/21	10:10	X			X		X	X	X	X	X	X	X	X	X	X	
MWR-1	6/21	10:45	X			X		X	X	X	X	X	X	X	X	X	X	
WMW-7	6/21	11:15	X			X		X	X	X	X	X	X	~~X~~	~~X~~	~~X~~	~~X~~	
WMW-2	6/21	12:30	X			X		X	X	X	X	X	X	~~X~~	~~X~~	~~X~~	~~X~~	
duplicate	6/21	12:45	X			X		X										

Turnaround Time Requested in Business Days (TAT) (please circle):

STD. TAT ~~5 day~~ 48 hour ~~24 hour~~ other

Reporting Requirements (please circle)

NJ Reduced NY ASP Cat. A Raw Data

NY ASP Cat. B Full Type I Other

Relinquished by:	Date	Time	Received by:	Date	Time
Kelly Henderson	6-21	17:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Kathy Binkley	6-22-05	0855

Relinquished by Commercial Carrier: UPS _____ FedEx ✓ Other _____

Temperature Upon Receipt 2.6°, 2.2°, 2.5°

3658.03

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

cooler 1 of 3

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< 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

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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. All other results are reported on an as-received basis.

U.S. EPA CLP 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 quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
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 sample 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.

Measurement uncertainty values, as applicable, are available upon request.

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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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
P.O. Box 2197
Houston TX 77252

832-379-6415

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 948116. Samples arrived at the laboratory on Tuesday, June 21, 2005. The PO# for this group is 6051MAX002 and the release number is NEAL GOATES.

Client Description	Lancaster Labs Number
WMW-5 Grab Water Sample	4547181
WMW-1 Grab Water Sample	4547182
WMW-4 Grab Water Sample	4547183
WMW-3 Grab Water Sample	4547184
Pond1 Grab Water Sample	4547185
Pond2 Grab Water Sample	4547186
Trip Blank Water Sample	4547187

ELECTRONIC COPY TO	Maxim Technologies	Attn: Kelly Henderson
1 COPY TO	Maxim Technologies	Attn: Robert Sengebush

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Analysis Report

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Max E. Snavely
Senior Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4547181

WMW-5 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 12:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	187.	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	50.5	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	834.	20.1	50.0	mg/l	50
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0137	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	0.0050	mg/l	1
00200	pH	n.a.	7.0	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	693.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	3,300.	77.6	240.	mg/l	1
00224	Chloride	16887-00-6	334.	60.0	80.0	mg/l	200
00228	Sulfate	14808-79-8	1,400.	60.0	200.	mg/l	200
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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 4547181

WMW-5 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 12:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-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.	48.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547181

WMW-5 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 12:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-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.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/23/2005 07:05	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/01/2005 15:46	Tessa R Marshall	1
01757	Magnesium	SW-846 6010B	1	07/01/2005 15:46	Tessa R Marshall	1
01767	Sodium	SW-846 6010B	1	07/06/2005 20:25	Donna R Sackett	50
07035	Arsenic	SW-846 6010B	1	07/01/2005 15:46	Tessa R Marshall	1
07036	Selenium	SW-846 6010B	1	07/01/2005 15:46	Tessa R Marshall	1
07046	Barium	SW-846 6010B	1	07/01/2005 15:46	Tessa R Marshall	1
07049	Cadmium	SW-846 6010B	1	07/01/2005 15:46	Tessa R Marshall	1
07051	Chromium	SW-846 6010B	1	07/01/2005 15:46	Tessa R Marshall	1
07055	Lead	SW-846 6010B	1	07/07/2005 18:52	John P Hook	1
07066	Silver	SW-846 6010B	1	07/06/2005 20:22	Donna R Sackett	1
00200	pH	EPA 150.1	1	06/21/2005 16:50	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	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 4547181

WMW-5 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 12:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-5

00224	Chloride	EPA 300.0	1	06/23/2005 18:41	Shannon L Phillips	200
00228	Sulfate	EPA 300.0	1	06/23/2005 18:41	Shannon L Phillips	200
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2005 21:32	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/28/2005 13:06	William T Parker	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/29/2005 20:03	Shawn J Rice	1
00813	BNA Water Extraction	SW-846 3510C	1	06/22/2005 07:30	Danette S Blystone	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/29/2005 20:03	Shawn J Rice	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2005 19:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/22/2005 19:00	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 4547182

WMW-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 13:17 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	224.	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	61.1	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	1,370.	20.1	50.0	mg/l	50
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0177	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	0.0050	mg/l	1
00200	pH	n.a.	7.0	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	1,060.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	5,140.	194.	600.	mg/l	1
00224	Chloride	16887-00-6	614.	60.0	80.0	mg/l	200
00228	Sulfate	14808-79-8	1,760.	60.0	200.	mg/l	200
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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 4547182

WMW-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 13:17 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-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.	48.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547182

WMW-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 13:17 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-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.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/23/2005 07:06	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/01/2005 15:50	Tessa R Marshall	1
01757	Magnesium	SW-846 6010B	1	07/01/2005 15:50	Tessa R Marshall	1
01767	Sodium	SW-846 6010B	1	07/06/2005 20:33	Donna R Sackett	50
07035	Arsenic	SW-846 6010B	1	07/01/2005 15:50	Tessa R Marshall	1
07036	Selenium	SW-846 6010B	1	07/01/2005 15:50	Tessa R Marshall	1
07046	Barium	SW-846 6010B	1	07/01/2005 15:50	Tessa R Marshall	1
07049	Cadmium	SW-846 6010B	1	07/01/2005 15:50	Tessa R Marshall	1
07051	Chromium	SW-846 6010B	1	07/01/2005 15:50	Tessa R Marshall	1
07055	Lead	SW-846 6010B	1	07/07/2005 18:57	John P Hook	1
07066	Silver	SW-846 6010B	1	07/06/2005 20:29	Donna R Sackett	1
00200	pH	EPA 150.1	1	06/21/2005 16:50	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	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 4547182

WMW-1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 13:17 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-1

00224	Chloride	EPA 300.0	1	06/23/2005 18:56	Shannon L Phillips	200
00228	Sulfate	EPA 300.0	1	06/23/2005 18:56	Shannon L Phillips	200
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2005 21:45	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/28/2005 14:00	William T Parker	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/29/2005 20:29	Shawn J Rice	1
00813	BNA Water Extraction	SW-846 3510C	1	06/22/2005 07:30	Danette S Blystone	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/29/2005 20:29	Shawn J Rice	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2005 19:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/22/2005 19:00	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 4547183

WMW-4 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:05 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-4

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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	11.7	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	12.5	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	529.	4.01	10.0	mg/l	10
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0449	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	0.0050	mg/l	1
00200	pH	n.a.	7.8	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	764.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	1,470.	38.8	120.	mg/l	1
00224	Chloride	16887-00-6	152.	15.0	20.0	mg/l	50
00228	Sulfate	14808-79-8	243.	15.0	50.0	mg/l	50
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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 4547183

WMW-4 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:05 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-4

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.	48.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	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 4547183

WMW-4 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:05 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-4

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.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/23/2005 07:07	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/01/2005 15:54	Tessa R Marshall	1
01757	Magnesium	SW-846 6010B	1	07/01/2005 15:54	Tessa R Marshall	1
01767	Sodium	SW-846 6010B	1	07/06/2005 20:40	Donna R Sackett	10
07035	Arsenic	SW-846 6010B	1	07/01/2005 15:54	Tessa R Marshall	1
07036	Selenium	SW-846 6010B	1	07/01/2005 15:54	Tessa R Marshall	1
07046	Barium	SW-846 6010B	1	07/01/2005 15:54	Tessa R Marshall	1
07049	Cadmium	SW-846 6010B	1	07/01/2005 15:54	Tessa R Marshall	1
07051	Chromium	SW-846 6010B	1	07/01/2005 15:54	Tessa R Marshall	1
07055	Lead	SW-846 6010B	1	07/07/2005 19:01	John P Hook	1
07066	Silver	SW-846 6010B	1	07/06/2005 20:36	Donna R Sackett	1
00200	pH	EPA 150.1	1	06/21/2005 16:50	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547183

WMW-4 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:05 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:10
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-4

00224	Chloride	EPA 300.0	1	06/23/2005 19:10	Shannon L Phillips	50
00228	Sulfate	EPA 300.0	1	06/23/2005 19:10	Shannon L Phillips	50
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2005 21:59	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/28/2005 14:54	William T Parker	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/29/2005 20:56	Shawn J Rice	1
00813	BNA Water Extraction	SW-846 3510C	1	06/22/2005 07:30	Danette S Blystone	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/29/2005 20:56	Shawn J Rice	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2005 19:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/22/2005 19:00	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 4547184

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	112.	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	48.0	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	1,700.	40.1	100.	mg/l	100
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.210	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.0421	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	0.0112	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	1,230.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	5,590.	194.	600.	mg/l	1
00224	Chloride	16887-00-6	1,030.	60.0	80.0	mg/l	200
00228	Sulfate	14808-79-8	1,380.	60.0	200.	mg/l	200
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	62.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547184

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-3

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.	52.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	26.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	26.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	26.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547184

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-3

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.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/23/2005 07:08	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/01/2005 15:58	Tessa R Marshall	1
01757	Magnesium	SW-846 6010B	1	07/01/2005 15:58	Tessa R Marshall	1
01767	Sodium	SW-846 6010B	1	07/06/2005 20:47	Donna R Sackett	100
07035	Arsenic	SW-846 6010B	1	07/01/2005 15:58	Tessa R Marshall	1
07036	Selenium	SW-846 6010B	1	07/01/2005 15:58	Tessa R Marshall	1
07046	Barium	SW-846 6010B	1	07/01/2005 15:58	Tessa R Marshall	1
07049	Cadmium	SW-846 6010B	1	07/01/2005 15:58	Tessa R Marshall	1
07051	Chromium	SW-846 6010B	1	07/01/2005 15:58	Tessa R Marshall	1
07055	Lead	SW-846 6010B	1	07/07/2005 19:05	John P Hook	1
07066	Silver	SW-846 6010B	1	07/06/2005 20:44	Donna R Sackett	1
00200	pH	EPA 150.1	1	06/21/2005 16:50	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547184

WMW-3 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 14:40 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
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ConocoPhillips
P.O. Box 2197
Houston TX 77252

WIN-3

00224	Chloride	EPA 300.0	1	06/23/2005 19:25	Shannon L Phillips	200
00228	Sulfate	EPA 300.0	1	06/23/2005 19:25	Shannon L Phillips	200
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2005 22:41	Shannon L Phillips	5
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/28/2005 15:48	William T Parker	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 00:32	Andrea D Moore	1
00813	BNA Water Extraction	SW-846 3510C	1	06/22/2005 07:30	Danette S Blystone	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 00:32	Andrea D Moore	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2005 19:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/22/2005 19:00	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 4547185

Pond1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 15:05 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINP1

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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	1,010.	33.0	100.	mg/l	500
01757	Magnesium	7439-95-4	488.	0.0135	0.100	mg/l	1
01767	Sodium	7440-23-5	9,560.	201.	500.	mg/l	500
07035	Arsenic	7440-38-2	N.D.	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0731	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0084	0.0200	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	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.	10.4	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	53.1	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	110.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	31,100.	1,940.	6,000.	mg/l	10
00224	Chloride	16887-00-6	13,000.	750.	1,000.	mg/l	2500
00228	Sulfate	14808-79-8	5,090.	750.	2,500.	mg/l	2500
00235	Biochemical Oxygen Demand	n.a.	8.7	0.80	3.0	mg/l	1
	The analysis for biochemical oxygen demand was initially performed on 6/21/05. The result was < 14.3 mg/l. Because the chosen aliquots did not yield acceptable final dissolved oxygen readings, the analysis was repeated on 6/27/05.						
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.40	0.50	mg/l	5
01553	Chemical Oxygen Demand	n.a.	105.	21.0	80.0	mg/l	10
	Due to interferences from the sample matrix, the reporting limit for the COD determination was increased.						
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547185

Pond1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 15:05 by KH

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Houston TX 77252

WINP1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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.	48.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547185

Pond1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected: 06/20/2005 15:05 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
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Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINP1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	ug/l	1
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/23/2005 07:09	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/06/2005 21:02	Donna R Sackett	500
01757	Magnesium	SW-846 6010B	1	07/01/2005 16:09	Tessa R Marshall	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 4547185

Pond1 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 15:05 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINP1

01767	Sodium	SW-846 6010B	1	07/06/2005 21:02	Donna R Sackett	500
07035	Arsenic	SW-846 6010B	1	07/01/2005 16:09	Tessa R Marshall	1
07036	Selenium	SW-846 6010B	1	07/01/2005 16:09	Tessa R Marshall	1
07046	Barium	SW-846 6010B	1	07/01/2005 16:09	Tessa R Marshall	1
07049	Cadmium	SW-846 6010B	1	07/01/2005 16:09	Tessa R Marshall	1
07051	Chromium	SW-846 6010B	1	07/01/2005 16:09	Tessa R Marshall	1
07055	Lead	SW-846 6010B	1	07/07/2005 19:18	John P Hook	1
07066	Silver	SW-846 6010B	1	07/06/2005 20:58	Donna R Sackett	1
08161	Tot Coli/E. coli (Quanti-tray)	Stand Meth 19, 1995, 9223B	1	06/22/2005 16:50	Marlaina E Kohler	n.a.
00200	pH	EPA 150.1	1	06/21/2005 16:50	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	10
00224	Chloride	EPA 300.0	1	06/23/2005 19:39	Shannon L Phillips	2500
00228	Sulfate	EPA 300.0	1	06/23/2005 19:39	Shannon L Phillips	2500
00235	Biochemical Oxygen Demand	EPA 405.1	1	06/27/2005 22:02	Nicole R Rohrer	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/21/2005 22:55	Shannon L Phillips	5
01553	Chemical Oxygen Demand	EPA 410.2	2	07/06/2005 07:15	Susan A Engle	10
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/28/2005 16:42	William T Parker	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 00:58	Andrea D Moore	1
00813	BNA Water Extraction	SW-846 3510C	1	06/22/2005 07:30	Danette S Blystone	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 00:58	Andrea D Moore	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2005 19:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/22/2005 19:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. WW 4547186

Pond2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 15:10 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINP2

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.	0.000062	0.00020	mg/l	1
01750	Calcium	7440-70-2	539.	0.0659	0.200	mg/l	1
01757	Magnesium	7439-95-4	4,950.	0.135	1.00	mg/l	10
01767	Sodium	7440-23-5	142,000.	2,010.	5,000.	mg/l	5000
07035	Arsenic	7440-38-2	0.0253	0.0093	0.0200	mg/l	1
07036	Selenium	7782-49-2	0.0145	0.0094	0.0200	mg/l	1
07046	Barium	7440-39-3	0.103	0.00044	0.0050	mg/l	1
07049	Cadmium	7440-43-9	0.0016	0.00097	0.0050	mg/l	1
07051	Chromium	7440-47-3	N.D.	0.0048	0.0150	mg/l	1
07055	Lead	7439-92-1	N.D.	0.0840	0.200	mg/l	10
	The quantitation limit for lead was increased due to the nature of the sample matrix.						
07066	Silver	7440-22-4	0.0077	0.0020	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.	7.7	0.010	0.010	Std. Units	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	2.0	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	357.	0.41	2.0	mg/l as CaCO3	1
00212	Total Dissolved Solids	n.a.	369,000.	9,700.	30,000.	mg/l	50
00224	Chloride	16887-00-6	180,000.	12,000.	16,000.	mg/l	40000
00228	Sulfate	14808-79-8	16,400.	6,000.	20,000.	mg/l	20000
	Due to interferences from the sample matrix, the reporting limit for the sulfate determination was increased.						
00235	Biochemical Oxygen Demand	n.a.	7.5	0.80	3.0	mg/l	1
	The analysis for biochemical oxygen demand was initially performed on 6/21/05. The result was < 89 mg/l. Because the chosen aliquots did not yield acceptable final dissolved oxygen readings, the analysis was repeated on 6/27/05.						
00368	Nitrate Nitrogen	14797-55-8	N.D.	1,600.	2,000.	mg/l	20000
	Due to interferences from the sample matrix, the reporting limit for the nitrate determination was increased.						
01553	Chemical Oxygen Demand	n.a.	775.	350.	1,330.	mg/l	166.7
	Due to interferences from the sample matrix, the reporting limit for the COD determination was increased.						
04678	TCL SW846 Semivolatiles/Waters						

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547186

Pond2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 15:10 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINP2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03871	4-Chloroaniline	106-47-8	N.D.	1.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	10.	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.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	10.	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.	49.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	24.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	24.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	10.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	10.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	24.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	10.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	10.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	10.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	10.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	10.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 4547186

Pond2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 15:10 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINP2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	10.	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.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	10.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	10.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	10.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	10.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	10.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	10.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	10.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	10.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	10.	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.	10.	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.						
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. WW 4547186

Pond2 Grab Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 15:10 by KH

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINP2

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	06/23/2005 07:10	Damary Valentin	1
01750	Calcium	SW-846 6010B	1	07/01/2005 16:12	Tessa R Marshall	1
01757	Magnesium	SW-846 6010B	1	07/07/2005 19:26	John P Hook	10
01767	Sodium	SW-846 6010B	1	07/07/2005 19:30	John P Hook	5000
07035	Arsenic	SW-846 6010B	1	07/01/2005 16:12	Tessa R Marshall	1
07036	Selenium	SW-846 6010B	1	07/01/2005 16:12	Tessa R Marshall	1
07046	Barium	SW-846 6010B	1	07/01/2005 16:12	Tessa R Marshall	1
07049	Cadmium	SW-846 6010B	1	07/01/2005 16:12	Tessa R Marshall	1
07051	Chromium	SW-846 6010B	1	07/01/2005 16:12	Tessa R Marshall	1
07055	Lead	SW-846 6010B	2	07/07/2005 19:26	John P Hook	10
07066	Silver	SW-846 6010B	1	07/06/2005 21:05	Donna R Sackett	1
08161	Tot Coli/E. coli (Quanti-tray)	Stand Meth 19, 1995, 9223B	1	06/22/2005 16:50	Marlaina E Kohler	n.a.
00200	pH	EPA 150.1	1	06/21/2005 16:50	Luz M Groff	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	06/21/2005 16:53	Elaine F Stoltzfus	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2005 10:37	Anne L Kuenzli	50
00224	Chloride	EPA 300.0	1	06/23/2005 20:08	Shannon L Phillips	40000
00228	Sulfate	EPA 300.0	1	06/23/2005 19:54	Shannon L Phillips	20000
00235	Biochemical Oxygen Demand	EPA 405.1	1	06/27/2005 22:02	Nicole R Rohrer	1
00368	Nitrate Nitrogen	EPA 300.0	1	06/22/2005 10:52	Shannon L Phillips	20000
01553	Chemical Oxygen Demand	EPA 410.2	2	07/06/2005 07:15	Susan A Engle	166.7
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	06/28/2005 17:36	William T Parker	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 01:24	Andrea D Moore	1
00813	BNA Water Extraction	SW-846 3510C	1	06/22/2005 07:30	Danette S Blystone	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 01:24	Andrea D Moore	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2005 19:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/22/2005 19:00	Nelli S Markaryan	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. WW 4547187

Trip Blank Water Sample
Site# 6051
Wingate Fractionation Plant-Gallup, NM

Collected:06/20/2005 16:00

Account Number: 11288

Submitted: 06/21/2005 08:50
Reported: 07/11/2005 at 14:11
Discard: 08/11/2005

ConocoPhillips
P.O. Box 2197
Houston TX 77252

WINTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	06/30/2005 01:51	Andrea D Moore	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/30/2005 01:51	Andrea D Moore	n.a.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ConocoPhillips
Reported: 07/11/05 at 02:11 PM

Group Number: 948116

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: 05172020001A	Sample number(s): 4547181-4547186								
pH					100		99-101		
Batch number: 05172020201A	Sample number(s): 4547181-4547186								
Alkalinity to pH 4.5					101		98-103		
Batch number: 05172401102B	Sample number(s): 4547181-4547186								
Chloride	N.D.	0.30	0.40	mg/l	96		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	91		90-110		
Nitrate Nitrogen	N.D.	0.080	0.10	mg/l	96		90-110		
Batch number: 05172WAG026	Sample number(s): 4547181-4547186								
4-Chloroaniline	N.D.	1.	10.	ug/l	88	90	48-114	3	30
Dibenzofuran	N.D.	1.	10.	ug/l	82	87	65-110	6	30
2-Methylnaphthalene	N.D.	1.	10.	ug/l	84	84	66-104	1	30
2-Nitroaniline	N.D.	1.	10.	ug/l	101	102	73-115	2	30
3-Nitroaniline	N.D.	1.	10.	ug/l	100	104	64-113	4	30
4-Nitroaniline	N.D.	1.	10.	ug/l	92	97	56-107	6	30
2,4,5-Trichlorophenol	N.D.	1.	10.	ug/l	88	91	70-115	3	30
2-Chlorophenol	N.D.	1.	10.	ug/l	93	95	63-112	3	30
Phenol	N.D.	1.	10.	ug/l	45	46	30-57	2	30
2-Nitrophenol	N.D.	1.	10.	ug/l	102	103	83-119	1	30
2,4-Dimethylphenol	N.D.	3.	10.	ug/l	84	83	60-107	2	30
2,4-Dichlorophenol	N.D.	1.	10.	ug/l	92	92	66-110	0	30
4-Chloro-3-methylphenol	N.D.	1.	10.	ug/l	96	97	48-114	1	30
2,4,6-Trichlorophenol	N.D.	1.	10.	ug/l	91	96	69-111	5	30
2,4-Dinitrophenol	N.D.	20.	60.	ug/l	108	111	44-130	3	30
4-Nitrophenol	N.D.	10.	50.	ug/l	43	44	16-75	1	30
4,6-Dinitro-2-methylphenol	N.D.	5.	25.	ug/l	107	110	56-130	3	30
Pentachlorophenol	N.D.	3.	25.	ug/l	93	94	48-108	1	30
bis(2-Chloroethyl)ether	N.D.	1.	10.	ug/l	93	93	57-110	0	30
1,3-Dichlorobenzene	N.D.	1.	10.	ug/l	81	83	52-102	2	30
1,4-Dichlorobenzene	N.D.	1.	10.	ug/l	82	83	54-103	2	30
1,2-Dichlorobenzene	N.D.	1.	10.	ug/l	84	83	58-99	1	30
Hexachloroethane	N.D.	1.	10.	ug/l	77	77	33-106	0	30
N-Nitroso-di-n-propylamine	N.D.	1.	10.	ug/l	85	88	56-109	3	30
Nitrobenzene	N.D.	1.	10.	ug/l	87	88	61-111	2	30
Isophorone	N.D.	1.	10.	ug/l	86	87	63-105	2	30
bis(2-Chloroethoxy)methane	N.D.	1.	10.	ug/l	96	97	69-119	1	30
1,2,4-Trichlorobenzene	N.D.	1.	10.	ug/l	82	83	62-101	1	30
Naphthalene	N.D.	1.	10.	ug/l	85	87	58-108	3	30
Hexachlorobutadiene	N.D.	1.	10.	ug/l	65	65	34-111	0	30
Hexachlorocyclopentadiene	N.D.	5.	25.	ug/l	77	79	23-134	2	30
2-Chloronaphthalene	N.D.	1.	10.	ug/l	74	78	56-100	4	30

*- Outside of specification
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Quality Control Summary

Client Name: ConocoPhillips Group Number: 948116
Reported: 07/11/05 at 02:11 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
Acenaphthylene	N.D.	1.	10.	ug/l	97	97	65-120	0	30
Dimethylphthalate	N.D.	2.	10.	ug/l	85	85	46-109	0	30
2,6-Dinitrotoluene	N.D.	1.	10.	ug/l	92	95	70-108	3	30
Acenaphthene	N.D.	1.	10.	ug/l	89	95	68-111	6	30
2,4-Dinitrotoluene	N.D.	1.	10.	ug/l	91	95	75-122	3	30
Fluorene	N.D.	1.	10.	ug/l	84	88	61-116	5	30
4-Chlorophenyl-phenylether	N.D.	1.	10.	ug/l	85	88	65-110	4	30
Diethylphthalate	N.D.	2.	10.	ug/l	90	90	61-110	0	30
N-Nitrosodiphenylamine	N.D.	2.	10.	ug/l	94	97	63-104	4	30
4-Bromophenyl-phenylether	N.D.	1.	10.	ug/l	89	91	67-110	3	30
Hexachlorobenzene	N.D.	1.	10.	ug/l	89	93	68-113	3	30
Phenanthrene	N.D.	1.	10.	ug/l	91	95	68-111	5	30
Anthracene	N.D.	1.	10.	ug/l	89	93	68-108	4	30
Di-n-butylphthalate	N.D.	2.	10.	ug/l	91	91	63-113	1	30
Fluoranthene	N.D.	1.	10.	ug/l	88	93	66-108	6	30
Pyrene	N.D.	1.	10.	ug/l	89	91	68-114	2	30
Butylbenzylphthalate	N.D.	2.	10.	ug/l	95	98	63-120	3	30
Benzo(a)anthracene	N.D.	1.	10.	ug/l	91	95	72-112	4	30
Chrysene	N.D.	1.	10.	ug/l	95	99	70-111	4	30
3,3'-Dichlorobenzidine	N.D.	2.	10.	ug/l	93	101	47-117	7	30
bis(2-Ethylhexyl)phthalate	N.D.	2.	10.	ug/l	85	86	62-126	1	30
Di-n-octylphthalate	N.D.	2.	10.	ug/l	107	109	58-118	2	30
Benzo(b)fluoranthene	N.D.	1.	10.	ug/l	101	107	67-117	5	30
Benzo(k)fluoranthene	N.D.	1.	10.	ug/l	109	110	67-120	1	30
Benzo(a)pyrene	N.D.	1.	10.	ug/l	108	110	68-121	2	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	10.	ug/l	106	111	67-122	5	30
Dibenz(a,h)anthracene	N.D.	1.	10.	ug/l	119	122	71-129	3	30
Benzo(g,h,i)perylene	N.D.	1.	10.	ug/l	105	110	67-121	5	30
2-Methylphenol	N.D.	1.	10.	ug/l	80	82	56-105	3	30
2,2'-oxybis(1-Chloropropane)	N.D.	1.	10.	ug/l	106	109	71-127	2	30
4-Methylphenol	N.D.	2.	10.	ug/l	72	72	51-98	0	30
Carbazole	N.D.	1.	10.	ug/l	96	101	66-109	4	30
Batch number: 051735713001	Sample number(s): 4547181-4547186								
Mercury	N.D.	0.00006 2	0.00020	mg/l	104		80-120		
Batch number: 05174021201A	Sample number(s): 4547181-4547186								
Total Dissolved Solids	N.D.	9.7	30.0	mg/l	94		80-120		
Batch number: 05178023501A	Sample number(s): 4547185-4547186								
Biochemical Oxygen Demand					96	97	85-115	1	8
Batch number: 051791848008	Sample number(s): 4547181-4547186								
Calcium	N.D.	0.0660	0.200	mg/l	98		93-113		
Magnesium	0.0240	0.0140	0.100	mg/l	99		93-110		
Sodium	0.482	0.401	1.00	mg/l	108		89-112		
Arsenic	N.D.	0.0093	0.0200	mg/l	103		92-109		
Selenium	N.D.	0.0094	0.0200	mg/l	99		91-111		
Barium	N.D.	0.00044	0.0050	mg/l	105		93-109		
Cadmium	N.D.	0.00097	0.0050	mg/l	105		97-111		
Chromium	N.D.	0.0048	0.0150	mg/l	102		95-112		
Lead	N.D.	0.0084	0.0200	mg/l	105		93-110		
Silver	N.D.	0.0020	0.0050	mg/l	107		96-114		

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(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 948116
Reported: 07/11/05 at 02:11 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
Batch number: 05187155301A	Sample number(s): 4547185-4547186								
Chemical Oxygen Demand					96		87-102		
Batch number: P051802AA	Sample number(s): 4547181-4547183								
Benzene	N.D.	0.5	5.	ug/l	98	97	85-117	1	30
Toluene	N.D.	0.7	5.	ug/l	98	99	85-115	1	30
Ethylbenzene	N.D.	0.8	5.	ug/l	97	99	82-119	2	30
Xylene (Total)	N.D.	0.8	5.	ug/l	97	99	83-113	2	30
Batch number: P051804AA	Sample number(s): 4547184-4547187								
Benzene	N.D.	0.5	5.	ug/l	100	100	85-117	0	30
Toluene	N.D.	0.7	5.	ug/l	101	101	85-115	0	30
Ethylbenzene	N.D.	0.8	5.	ug/l	99	103	82-119	4	30
Xylene (Total)	N.D.	0.8	5.	ug/l	100	103	83-113	3	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05172020001A	Sample number(s): 4547181-4547186								
pH						7.9	8.0	0	1
Batch number: 05172020201A	Sample number(s): 4547181-4547186								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	100	100	64-130	0	2	69.8	70.6	1	4
Batch number: 05172401102B	Sample number(s): 4547181-4547186								
Chloride	99		90-110			22.1	21.7	2	3
Sulfate	90		90-110			N.D.	N.D.	19* (1)	3
Nitrate Nitrogen	96		90-110			N.D.	N.D.	0 (1)	2
Batch number: 051735713001	Sample number(s): 4547181-4547186								
Mercury	108	105	80-120	3	20	N.D.	N.D.	0 (1)	20
Batch number: 05174021201A	Sample number(s): 4547181-4547186								
Total Dissolved Solids	95	97	60-140	0	5	2,590.	2,600.	0	5
Batch number: 05178023501A	Sample number(s): 4547185-4547186								
Biochemical Oxygen Demand	98	103	67-144	4	9	20.4	20.9	2	9
Batch number: 051791848008	Sample number(s): 4547181-4547186								
Calcium	(2)	(2)	78-122	1	20	85.3	87.2	2	20
Magnesium	(2)	(2)	75-125	1	20	51.2	52.3	2	20
Sodium	(2)	(2)	75-125	3	20	524.	552.	5	20
Arsenic	106	106	86-119	1	20	N.D.	N.D.	0 (1)	20
Selenium	102	102	75-125	0	20	N.D.	N.D.	0 (1)	20
Barium	107	106	82-113	1	20	0.146	0.149	2	20
Cadmium	106	105	87-117	2	20	N.D.	N.D.	0 (1)	20
Chromium	103	102	86-118	1	20	N.D.	N.D.	0 (1)	20
Lead	105	107	87-118	1	20	N.D.	N.D.	0 (1)	20
Silver	108	110	75-125	1	20	N.D.	N.D.	0 (1)	20

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Quality Control Summary

Client Name: ConocoPhillips
Reported: 07/11/05 at 02:11 PM

Group Number: 948116

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05187155301A	Sample number(s): 4547185-4547186								
Chemical Oxygen Demand	89	85	60-129	2	5	165.	159.	4 (1)	8
Batch number: P051802AA	Sample number(s): 4547181-4547183								
Benzene	101		83-128						
Toluene	104		83-127						
Ethylbenzene	103		82-129						
Xylene (Total)	101		82-130						
Batch number: P051804AA	Sample number(s): 4547184-4547187								
Benzene	109		83-128						
Toluene	(2)		83-127						
Ethylbenzene	104		82-129						
Xylene (Total)	108		82-130						

Surrogate Quality Control

Analysis Name: TCL SW846 Semivolatiles/Waters
Batch number: 05172WAG026

	2-Fluorophenol	Phenol-d6	2,4,6-Tribromophenol	Nitrobenzene-d5
4547181	55	38	92	88
4547182	54	39	86	83
4547183	53	35	90	80
4547184	57	40	89	87
4547185	54	40	81	85
4547186	72	76	75	82
Blank	54	36	89	88
LCS	61	42	96	88
LCSD	62	41	99	92
Limits:	10-99	10-80	31-148	51-123

	2-Fluorobiphenyl	Terphenyl-d14
4547181	79	87
4547182	76	82
4547183	75	83
4547184	79	75
4547185	78	81
4547186	68	41*
Blank	76	83
LCS	81	93
LCSD	85	93
Limits:	64-112	53-135

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: P051802AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 948116
Reported: 07/11/05 at 02:11 PM

Surrogate Quality Control

4547181	103	102	103	99
4547182	102	102	104	101
4547183	103	103	105	101
Blank	102	102	104	102
LCS	102	104	104	101
LCSD	103	100	103	101
MS	102	103	104	101
Limits:	81-120	82-112	85-112	83-113

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: P051804AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4547184	103	103	104	102
4547185	103	104	105	101
4547186	104	105	104	99
4547187	103	103	103	102
Blank	103	102	104	100
LCS	101	102	103	101
LCSD	103	101	103	101
MS	104	103	104	102
Limits:	81-120	82-112	85-112	83-113

*- Outside of specification
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(2) The background result was more than four times the spike added.

ConocoPhillips Analysis Request/Chain of Custody

Lancaster Laboratories

Cooler 1 of 3

Acct. #: 11288 | For Lancaster Laboratories use only Group # 948116 Sample #: 454781-87 SCR#: 1204370

Consultant Office: Maxim Technologies Rob Sengebush

Consultant Phone #: 505-237-8440 Fax #:

Site #: 605/MAX002 Lab PO #: Same

Site Address: 15E/Paso Circle

WNO#: 6151 DWT:

Sampler: Kelly Henderson

Matrix: ☐ Potable ☐ NPDES; Soil ☐ Water ☐ Oil ☐ Air ☐

Analyses Requested — List total number of containers in the box under each analysis.

Preservation Codes: # | NT | NA | NA

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	BTEX 8260	RCRA Metals	8270	Cl, SO4, TDS, pH	NO3, TC	PAH	TPH	BOD	COD	Coliform	Remarks
WMW-5	6-20-05	12:40	X			X			X	X	X	X	X	X	X				
WMW-1	6-20-05	12:17	X			X			X	X	X	X	X	X	X				
WMW-4	6-20-05	14:05	X			X			X	X	X	X	X	X	X				
WMW-3	6-20-05	14:40	X			X			X	X	X	X	X	X	X	X	X	X	MER
Pond 1	6/20/05	15:05	X			X			X	X	X	X	X	X	X	X	X	X	
Pond 2	6/20/05	15:10	X			X			X	X	X	X	X	X	X	X	X	X	
trip blank	6/20/05	16:00																	

Preservative Codes: H = HCl; T = Thiosulfate; ~~N = HNO3~~; ~~B = NaOH~~; S = H2SO4; O = Other

Turnaround Time Requested in Business Days (TAT) (please circle):

~~STD. TAT~~ 5 day 48 hour ~~24 hour~~ other

Reporting Requirements (please circle)

NJ Reduced NY ASP Cat. A Raw Data

NY ASP Cat. B Full Type I Other

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6-15-05	0800	Kelly Henderson	6-20-05	1000
Kelly Henderson	6-20-05	1600			
			Kelly Binkley	6-21-05	0850

Relinquished by Commercial Carrier: UPS _____ FedEx ✓ Other _____

Temperature Upon Receipt 5.7°, 4.2°, 2.5°

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< 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

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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. All other results are reported on an as-received basis.

U.S. EPA CLP 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 quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
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 sample 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.

Measurement uncertainty values, as applicable, are available upon request.

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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