AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.

App Number: pEEM0112360147

NM2 - 6

CHEVRON MIDCONTINENT LP

5/4/2018

Richard Grubbs, P.E.
Waste and Water Advisor

Chevron North America Exploration and Production Company
Mid-Continent Business Unit
760 Horizon Drive
Grand Junction, CO 81506
Tel 970-257-6021
rtgrubbs@chevron.com

November 17, 2017

Brad Jones, Environmental Engineer
EMNRD Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505

RE: Hallwood Evaporation Pond
Request to Transfer Ownership

Dear Mr. Jones,

Chevron U.S.A. Inc. (Chevron) pursuant to NMAC 19.15.36.12 E. as owner of the Centralized Surface Waste Management Facility known as the Hallwood Evaporation Pond Permit NM -2-006, is notifying the State today to request transfer of ownership for this asset to Enduring Resources, LLC (Enduring). Enduring has purchased Chevron holdings in the San Juan Basin including the lease associated with the Hallwood Evaporation Pond. Chevron acknowledges that the Hallwood Evaporation Pond was closed in 2008, but not all post closure care activities required by the Closure Plan issued by the State have been completed. Chevron's sale agreement with Enduring includes an environmental clause for such situations, contractually placing the remainder of the closure activities into Enduring's scope. Enduring currently has a NMSLO Statewide Surface Megabond in place and can obtain an individual bond for the facility to meet the State's bonding requirements to complete the remaining closure activities if required.

Attached please find the updated closure report completed by Envirotech documenting the past and current closure activities for the site. In previous correspondence, Chevron had sent Cory Smith, District 3 field representative and yourself a copy of the Closure Report as closure documentation of the work that had been completed in 2008. After review of the status of the Closure Plan, the closure work as documented in Envirotech Closure Report, and in a site visit, gaps in closure progress were identified. One of the initial tasks identified was that surface sampling required by the Closure Plan on the boundary of the pond location had not been completed. Prior to any further closure activities, Chevron agreed to complete the perimeter sampling to better delineate the surface. This work was completed and results are discussed in the updated closure report.

210

In previous correspondence, you had indicated that the State had a specific form for ownership transfer that you would send once you received official request. Chevron therefore respectfully requests the State to provide the proper paper work necessary to allow transfer ownership of the Hallwood Evaporation Pond permit and the remaining closure activities to Enduring Resources, LLC.

If you have any questions concerning this compliance response, please feel free to contact me at (970)-257-6021 or email me at rtgrubbs@chevron.com.

Regards,

Richard Grubbs, P.E.
Senior Process Engineer
Water and Waste Advisor
Chevron North America Exploration and Production Company (a Chevron U.S. A. Inc. division)

Attachments (1)

CC Cory Smith (NMOCD Aztec Office) ✓
Travis Whitham (Enduring Resources, LLC, Landman)

envirotech

OIL CONS. DIV DIST. 3
NOV 20 2017

November 8, 2017 Project No. 92270-1646

Mr. Richard Grubbs
Chevron North America
760 Horizon Drive
Grand Junction, Colorado 81506

Phone: (970) 257-6021
Cell: (913) 748-9815

RE: EVAPORATION POND CLOSURE REPORT FOR THE HALLWOOD EVAPORATION POND LOCATED IN SECTION 25, TOWNSHIP 32N, RANGE 13W, SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Grubbs,

Please find enclosed the *Evaporation Pond Closure Report* for the Hallwood Evaporation Pond. This report details the closure activities performed between May 6, 2008 and June 24, 2008. In addition, Envirotech performed an assessment of the current conditions of the pond to address items that were not documented during the original closure. The items that were addressed during the subsequent assessment are listed below:

Sampling from the following areas surrounding the pond

- Sump
- Northeast Treatment Area
- Southeast Treatment Area
- South Area
- North Treatment Area
- Northwest Treatment Area
- Background

We appreciate the opportunity to be of service. If you have any questions or need additional information, please contact our office at (505) 632-0615.

Sincerely,
ENVIROTECH, INC.

Greg Crabtree
Principal Engineer
gcrabtree@envirotech-inc.com

Enclosure: Evaporation Pond Closure Report
Cc: Client File 92270

EVAPORATION POND CLOSURE REPORT

LOCATED AT:

HALLWOOD EVAPORATION POND
NW ¼ SE ¼, SECTION 25, TOWNSHIP 32, RANGE 13W
SAN JUAN COUNTY, NEW MEXICO
PERMIT NO. NM-02-0006

FOR:

MR. RICHARD GRUBBS
CHEVRON NORTH AMERICA
760 HORIZON DRIVE
SUITE 401
GRAND JUNCTION 81506

PROJECT NO. 92270-1646

NOVEMBER 2017

EVAPORATION POND CLOSURE REPORT
HALLWOOD EVAPORATION POND
SECTION 25, TOWNSHIP 32N, RANGE 13W
SAN JUAN COUNTY, NEW MEXICO

TABLE OF CONTENTS

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by Chevron to perform evaporation pond closure activities at the Hallwood Evaporation Pond, located in Section 25, Township 32N, Range 13W, San Juan County, New Mexico; see ***Figure 1, Vicinity Map.*** Closure activities included sampling, analyses, removal and disposal of contaminated materials including blending sludge with a pugmill to reduce the liquid level for transport. Closure activities also included conducting a paint filter test prior to transport of contaminated material, site restoration, documentation, and reporting. These closure activities were performed from May 6, 2008 through June 24, 2008. In addition, a site investigation was completed on October 3, 2017 to investigate items that were not documented during the initial closure activities.

ACTIVITIES PERFORMED

Activities to close the Hallwood Evaporation Pond were conducted in accordance with the approved closure plan submitted by Envirotech on May 20, 2008. The closure plan was approved by the NMOCD on May 28, 2008.

In accordance with the approved closure plan the daily account of the onsite activities outline the onsite activities. All liquids, sludge, liner and piping were disposed of at approved surface waste management facilities.

May 6, 2008
Envirotech, Inc. arrived on site and performed a brief site assessment; see ***Figure 2, Site Map***. Envirotech, Inc. collected two (2) liquid samples from the leak detection and from the evaporation pond. The samples were transported on ice under chain of custody to Envirotech's laboratory for Cations/Anions analyses using USEPA Method 600/4-79-020; See ***Appendix A, Analytical Results***. Comparative analysis in the form of a rose plot was done to see if the water present in the leak detection was the same as the pond water.

May 7, 2008 – May 9, 2008
Starting on May 7, Envirotech utilized Rock Springs transport to haul liquids from the evaporation pond to Basin Disposal. Between these dates 1,170 bbls of water from the pond was delivered to the disposal facility; ***see Appendix B – Bills of Lading - Basin Disposal***.

May 23, 2008
Envirotech, Inc. collected a sludge sample from the bottom of the evaporation pond. The sample was placed in a four (4) ounce glass jar, capped headspace free, and transported on ice under chain of custody to Envirotech's laboratory for pH analysis. The sample pH level was 10.4; see ***Appendix A, Analytical Results – Pond Sludge***.

May 30, 2008
Envirotech, Inc. performed naturally occurring radioactive material (NORM) screening. Screening was conducted on PVC pipe, sand bags, angle iron, and rubber hosing. None of the screening results were above the allowable concentration of 0.08 mR/hr determined for this site; see ***Appendix A, Analytical Results – Norm Testing***.

June 2, 2008
Envirotech, Inc. began cleanup activities, collected a soil sample from the bottom of the pond, and performed NORM screening. The soil sample was analyzed in the field for Total Petroleum Hydrocarbons (TPH) using USEPA Method 418.1 and for chlorides. The sample results were 268 ppm TPH and 91 ppm chlorides. Due to the sludge sample containing TPH the material could be accepted at Envirotech's Landfarm #2 as petroleum contaminated soil. NORM screening was conducted on a sludge stockpile located on site. The screening results were below the allowable concentration of 0.08 mR/hr determined for this site; see ***Appendix A, Analytical Results – Norm Testing and Appendix A, Analytical Results – Pond Sludge***. Cleanup activities included the collection of contaminated material using hydro-excavation; see ***Appendix D, Site Photography***. The sludge was then processed with the use of a pugmill to stabilize it for transport.

June 3, 2008
Envirotech, Inc. removed and transported approximately 56 cubic yards of contaminated soil and 110 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading – Envirotech BOL's***.

June 4, 2008
Envirotech, Inc. continued to collect the contaminated material using hydro-excavation. Envirotech, Inc. removed and transported approximately 90 cubic yards of contaminated soil and 355 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading – Envirotech BOL's***.

June 5, 2008
Envirotech, Inc. continued hydro-excavation activities. Envirotech, Inc. removed and transported approximately 126 cubic yards of contaminated soil and 500 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading – Envirotech BOL's***.

June 6, 2008
Envirotech, Inc. continued hydro-excavation activities. Envirotech, Inc. removed and transported approximately 68 cubic yards of contaminated soil and 400 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading – Envirotech BOL's***.

June 9, 2008
Envirotech, Inc. continued hydro-excavation activities. Envirotech, Inc. removed and transported approximately 140 cubic yards of contaminated soil and 630 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading – Envirotech BOL's***.

June 10, 2008
Envirotech, Inc. continued hydro-excavation activities. Envirotech, Inc. removed and transported 470 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading – Envirotech BOL's***. Additionally,

piping and rubber hoses were removed and transported to San Juan County Landfill for disposal; see ***Appendix C, Special Waste Shipment Records***.

June 11, 2008
Envirotech, Inc. continued hydro-excavation activities. Envirotech, Inc. removed and transported approximately 26 cubic yards of contaminated soil and 215 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading – Envirotech BOL's***. Additionally, liner material was removed and transported to San Juan County Landfill for disposal; see ***Appendix C, Special Waste Shipment Records***.

June 12, 2008
Envirotech, Inc. performed NORM screening on the pond liner and sandbags. The screening results were below allowable concentrations of 0.08 mR/hr, see ***Appendix A, Analytical Results – Norm Testing***. Envirotech, Inc. removed and transported liner material to San Juan County Landfill for disposal; see ***Appendix C, Special Waste Shipment Records***.

June 13, 2008
Envirotech, Inc. continued the removal of liner material. Liner material was removed and transported to San Juan County Landfill for disposal; see ***Appendix C, Special Waste Shipment Records***.

June 16, 2008
Envirotech, Inc. collected five (5) soil samples from beneath the second liner. One (1) sample was collected from each quadrant in the evaporation pond and one (1) sample was collected from the site for background. The samples were collected into four (4) ounce glass jars, capped headspace free, and transported on ice under chain of custody to Envirotech's laboratory for analysis for benzene and BTEX using USEPA Method 8021, for volatile organic compounds (VOCs) using USEPA Method 8260, for TPH using USEPA Method 418.1, for total metals using USEPA Method 6010; for pH, total dissolved solids (TDS), nitrate nitrogen, cyanide, fluoride, chloride, and for sulfate using USEPA Method 600/4-79-020. The samples were also analyzed for phenols using USEPA Method 8270, for PCBs using USEPA Method 8082, for polycyclic aromatic hydrocarbons (PAHs) using USEPA Method 8310, for radium using USEPA Methods 903 and 904, and for uranium using USEPA Method 200.8. The samples were within or below regulatory limits for all constituents analyzed; see ***Table 1: Summary of Closure Sample Analytical Results and Appendix A, Analytical Results***. None of the samples collected exceeded the limits specified in the NMOCD Guidelines for the Remediation of Leaks Spills and Releases.

June 17, 2008
Envirotech, Inc. performed NORM screening on the remaining pond liner material. The screening results were below allowable concentration of 0.12 mR/hr; see ***Appendix A, Analytical Results***. Due to analyst interpretation of instrument readings, the allowable concentration determined for the site on this day varies slightly from the allowable concentration of 0.08 mR/hr determined on previous dates; however, the readings are all near background and are approximately half of the allowable concentration.

June 18, 2008
Envirotech, Inc. transported the remaining pond liner material to San Juan County Landfill; see ***Appendix C, Special Waste Shipment Records***, and transported 170 barrels of sludge to Envirotech's NMOCD permitted remediation facility, Landfarm #2, near Hilltop, New Mexico; see ***Appendix B, Bills of Lading***.

June 19, 2008
Envirotech, Inc. began restoration activities by backfilling the excavation with approximately 539 cubic yards of virgin fill material of which 236 cubic yards were transported from Envirotech's Landfarm; see ***Appendix B, Bills of Lading***, and 283 cubic yards were transported from Envirotech's Equipment Yard. Backfilling and leveling activities continued through June 24, 2008.

October 3, 2017 (Additional Site Investigation)
On October 3, 2017 Envirotech conducted an additional site investigation based on the approved sampling plan submitted to the NMOCD. Cory Smith (NMOCD representative) was onsite to witness the sampling. Based on the approved plan, Envirotech took samples from the following locations:

- Sump Area
- Northeast Treatment Area
- Southeast Treatment Area
- North Treatment Area
- Northwest Treatment Area
- Background
- South Area A
- South Area B (location added at the request of Cory Smith)
-

Five-point composite samples were collected from 0-6" below ground surface in accordance with the approved sampling plan from all areas except the Sump Area sample. The Sample locations are shown on ***Figure 3: Additional Site Investigation Sample Map***. The Sump Area Sample was collected from a North-South oriented trench that was dug using a backhoe to the depth of 10 feet. The intent of the trench was to attempt to identify if any of the piping from the former leak detection sump was left in place and to provide a closure sample for the leak detection sump.

Based on the analytical results it appears that the site wide concentrations of Chlorides exceed the background concentrations. Chloride concentrations range from 520 mg/kg in the Northwest Treatment Area to 1220 mg/kg in the South Area A. Also, there was a detection of TPH of 1120 mg/kg in the Southeast Treatment Area sample which was above the background concentration for this site; ***see Table 2: Additional Site Investigation Sample Results.*** No notable visual evidence of petroleum contamination was evident in the Southeast Treatment Area sample, so no additional delineation or soil remediation was completed at this time.

In addition to the supplemental closure samples Envirotech and Chevron has researched the lease agreement with the landowner for the Hallwood Pond. The lease agreement does not specify any specific requirements for the flow lines leading to and from the pond. Base on the NORM survey

results presented in Appendix A for piping that was disposed of previously, none of the piping had detections of NORM above background concentrations. Therefore, the piping left in-place is not considered to have any level of regulated NORM, consequently NMAC 19.15.35.10 requirements are not applicable. The flowlines were abandoned in-place following all other pertinent NMOCD and standard industry regulations applicable to flowline abandonment in-place.

SUMMARY AND CONCLUSIONS

Envirotech, Inc. conducted evaporation pond closure activities including removal of contaminated material, site restoration, confirmation sampling and analysis, documentation, and reporting. Approximately 506 cubic yards of contaminated soil and 2,850 barrels of sludge were transported to Envirotech's NMOCD permitted remediation facility, Landfarm #2, located near Hilltop New Mexico; see ***Appendix B, Bills of Lading***. Approximately 110 cubic yards of PVC piping and liner material were transported to San Juan County Landfill; see ***Appendix C, Special Waste Shipment Records***. Envirotech also completed additional site investigation activities to address items from the original closure plan that were not addressed. Based on the results from the additional investigation Envirotech recommends further investigation into the chloride levels across the site as well as delineation for the TPH detected in the Southeast Area sample. Upon determination of the site-specific closure standards for TPH and chlorides all necessary delineation and remediation activities will be performed under an approved remediation plan which will include re-seeding and post closure activities.

STATEMENT OF LIMITATIONS

Envirotech, Inc. performed evaporation pond closure activities at the Hallwood Evaporation Pond located in Section 25, Township 32N, Range 13W, San Juan County, New Mexico. The work and services provided by Envirotech, Inc. were under the guidelines of the NMOCD. All observations and conclusions provided here are based on the information and current site conditions found during this investigation.

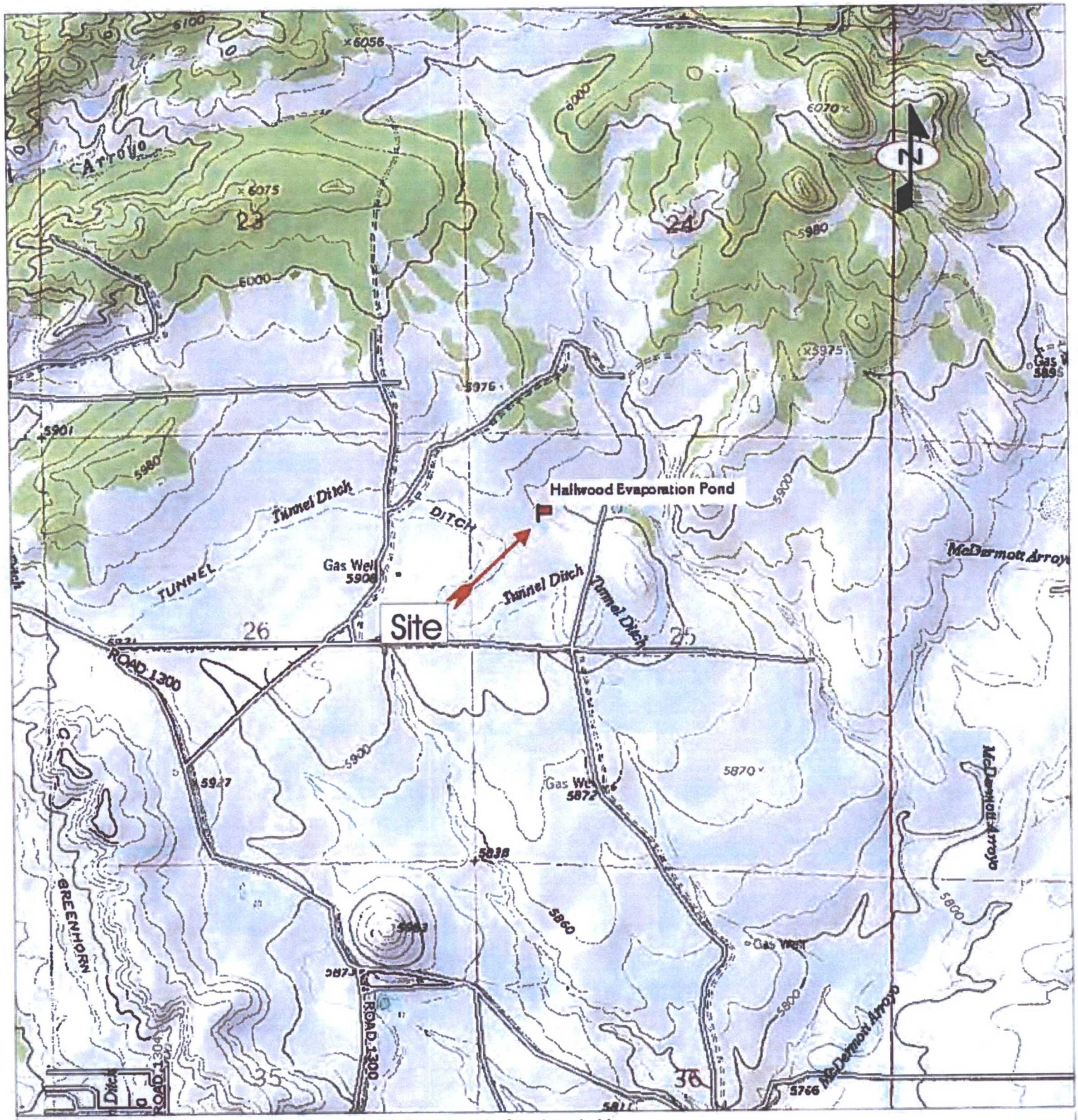
Due to the final report not being submitted at the time of service this report was revised in 2017 to close out the project. The original employees that completed the work are no longer employed with Envirotech. This report and the supplemental information has been verified by Envirotech's Management Team

We appreciate the opportunity to be of service. If you should have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

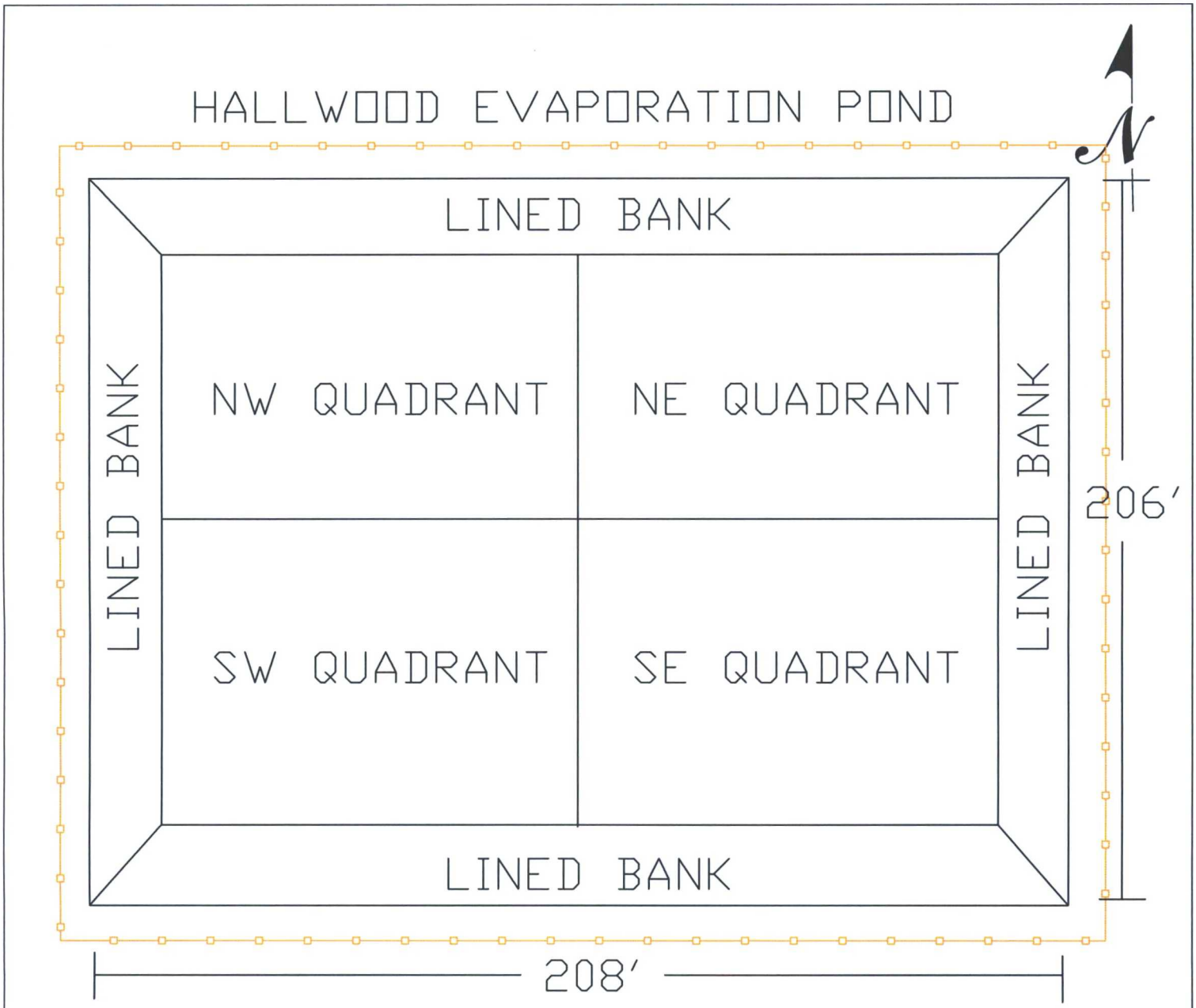
Greg Crabtree, PE
Environmental Manager
gcrabtree@envirotech-inc.com

FIGURES



Source: La Plata, New Mexico 7.5 Minute U.S.G.S. Topographic Quadrangle Map
Scale: 1:24,000 1" = 2000'

Chevron Hallwood Evaporation Pond Section 25, Twp 32N, Rge 13W San Juan County, New mexico	ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 FARMINGTON, NEW MEXICO 87401 PHONE (505) 632-0615	Vicinity Map Figure 1
PROJECT No 92270-0204 | Date Drawn: 10/01/08		DRAWN BY: Sherry Auckland | PROJECT MANAGER: Kyle P. Kerr



Legend

Fencing

SITE MAP
CHEVRON
HALLWOOD EVAPORATION POND
SEC 25 TWN 32N RGE 13W
SAN JUAN COUNTY, NEW MEXICO

SCALE: NTS	FIGURE NO. 2	REV
PROJECT N092270-0204		

REVISIONS

NO.	DATE	BY	DESCRIPTION
MAP DRWN	SLA	01/07/08	BASE DRWN

ENVIRONMENTAL SCIENTISTS & ENGINEERS
ENVIROTECH
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87410 505-632-0615

Chevron North America
Hallwood Evaporation Pond
Additional Site Investigation Sample Map
SEC 25, TWP 32N RNG 13W
San Juan County New Mexico
Permit # NM02-0006

SCALE: NTS	FIGURE NO. 3	REV 0
PROJECT NO92270-1646		

envirotech
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

TABLE

Table 1: Pond Closure Analytical Results

Analyte of Interest	NE	NW	SE	SW	Background
Total Petroleum Hydrocarbons (TPH) USEPA Method 418.1 (mg/kg)					
Total Petroleum Hydrocarbons (TPH)	74.3	18.5	17.2	15.8	15.8
Volatile Organic Compounds (VOC) USEPA Method 8260 (mg/kg)					
Benzene	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001
Xylene	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene	<0.001	<0.001	<0.001	<0.001	<0.001
1-Methylnaphthalene	<0.001	<0.001	<0.001	<0.001	<0.001
2-Methylnaphthalene	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon Tetrachloride	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-dichloroethylene (1,1-dichloroethene)	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-tetrachloroethylene(tetrachloroethene)	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-trichloroethylene (trichloroethene)	<0.001	<0.001	<0.001	<0.001	<0.001
methylene chloride	<0.001	<0.001	<0.001	<0.001	<0.001
chloroform	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001
ethylene dibromide (1,2-dibromoethane)	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-tetrachloroethane	<0.001	<0.001	<0.001	<0.001	<0.001
vinyl chloride	<0.001	<0.001	<0.001	<0.001	<0.001
Polynuclear Aromatic Hydrocarbons (PAH) USEPA Method 8270C (mg/kg)					
Acenaphthene	<0.25	<0.25	<0.25	<0.25	<0.25
Acenaphthylene	<0.25	<0.25	<0.25	<0.25	<0.25
Anthracene	<0.015	<0.015	<0.015	<0.015	<0.015
Benzo(a)anthracene	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	<0.010	<0.010	<0.010	<0.010	<0.010
benzo(ghi)perylene	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	<0.010	<0.010	<0.010	<0.010	<0.010
Chrysene	<0.011	<0.011	<0.011	<0.011	<0.011
Dibenz(a,h)anthracene	<0.010	<0.010	<0.010	<0.010	<0.010
Fluoranthene	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorene	<0.030	<0.030	<0.030	<0.030	<0.030
Indeno(1,2,3-c,d)pyrene	<0.10	<0.10	<0.10	<0.10	<0.10
Phenanthrene	<0.015	<0.015	<0.015	<0.015	<0.015
pyrene	<0.025	<0.025	<0.025	<0.025	<0.025
Phenols	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated Biphenyls (PCB's) USEPA Method 8082 (mg/kg)					
PCB 1016	<0.02	<0.02	<0.02	<0.02	<0.02
PCB 1221	<0.02	<0.02	<0.02	<0.02	<0.02
PCB 1232	<0.02	<0.02	<0.02	<0.02	<0.02
PCB 1242	<0.02	<0.02	<0.02	<0.02	<0.02
PCB 1248	<0.02	<0.02	<0.02	<0.02	<0.02
PCB 1254	<0.02	<0.02	<0.02	<0.02	<0.02
PCB 1260	<0.02	<0.02	<0.02	<0.02	<0.02
Total Metals USEPA Method 6010 (mg/kg)					
Arsenic	0.022	0.022	0.026	<0.001	<0.001
Barium	18.7	18.3	21.6	18.4	17.4
Cadmium	0.007	0.023	0.010	0.008	0.008
Chromium	0.693	0.785	0.767	0.728	1.306
Copper	0.201	1.90	1.71	1.68	1.82
Iron	33.8	30.3	32.9	32.9	19.4
Lead	0.220	0.225	0.224	0.226	0.263
Manganese	0.889	0.863	1.010	0.823	0.949
Mercury (Method 7471)	0.001	<0.001	<0.001	<0.001	<0.001
Selenium	0.022	<0.001	<0.001	<0.001	<0.001
Silver	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	1.01	1.23	1.13	1.05	1.10
Uranium (Method 6020)	0.978	0.913	0.906	0.852	0.602
General Chemistry (mg/L unless otherwise specified)					
pH (pH units)	8.08	8.84	8.37	8.26	7.88
Total disolved Solids	950	710	1060	1130	1310
Nitrate	1.70	0.50	2.20	1.30	3.50
Cyanide	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoride	5.70	4.22	3.78	5.60	<0.1
Chloride	65.0	73.0	82.0	73.0	15.0
Sulfate	322	273	345	341	<0.1
Radiochemical Analysis (pCi/kg)					
Radium-226 & Radium-228	422.20	299.20	250.28	530.20	620.00

Table 2: Additional Site Investigation Sample Results

Analyte of Interest	Sump @10' BGS	NE Composite	Southeast Composite	South Composite a	South Composite b	North Composite	Northwest Composite	Background
Total Petroleum Hydrocarbons (TPH) USEPA Method 418.1 (mg/kg)								
Total Petroleum Hydrocarbons (TPH)	<40	<40	**1120**	<40	<40	<40	<40	15.8
Volatile Organic Compounds (VOC) USEPA Method 8260 (mg/kg)								
Benzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.001
Toluene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.001
Ethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.001
Xylene	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.001
Total Metals USEPA Method 6010 (mg/kg)								
Arsenic	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Barium	216	179	153	172	162	245	213	111
Cadmium	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	16.3	16.3	17.4	16.1	23.0	21.9	23.4	<5.0
Copper	18.0	11.1	9.40	8.63	9.71	10.4	9.98	10.4
Iron	19400	13800	13200	12900	14800	15700	14700	11100
Lead	6.83	0.23	6.76	6.10	6.69	6.22	5.55	7.42
Manganese	340	298	334	360	396	426	366	299
Mercury (Method 7471)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Selenium	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Zinc	60.1	38.7	43.2	45.5	48.1	52.2	48.2	33.0
Uranium (Method 6020)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.602
General Chemistry (mg/kg unless otherwise specified)								
Nitrate	8.71	82.2	59.3	85.7	84.0	42.7	37.80	4.62
Cyanide	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.1
Fluoride	21.2	5.25	4.24	7.40	2.90	7.49	6.85	<2.5
Chloride	1010	1020	1060	1220	902	1190	520	<20.0
Sulfate	345	286	222	581	147	104	76.9	<20.0

Items hilighted are updated background samples taken 10/3/17

APPENDIX A

Norm Testing Analytical Results

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid-Continent Project #: 92270 - 0204

Page No: 1 of 7 Date: 30-MAY-08

LOCATION:
NAME: LA PLATTA EVAPORATION POND
QUAD/UNIT: NW/NE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: W 36° 57.389" LONGITUDE: N 108° 09.279"

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
14:00	001	12" PVC Pipe	.04 mR/HR
14 02	002	12" PVC Pipe	.04 mR/HR
14 03	003	12" PVC Pipe	.04 mR/HR
14 05	004	12" PVC Pipe	.04 mR/HR
14 07	005	12" PVC Pipe	.04 mR/HR
14 09	006	12" PVC Pipe	.04 mR/HR
14 12	007	12" PVC Pipe	.04 mR/HR
14 13	008	12" PVC Pipe	.04 mR/HR
14 15	009	12" PVC Pipe	.04 mR/HR
14 17	010	12" PVC Pipe	.04 mR/HR
14 19	011	12" PVC Pipe	.04 mR/HR
14 20	012	12" PVC Pipe	.04 mR/HR
14 22	013	12" PVC Pipe	.04 mR/HR
14 24	014	12" PVC Pipe	.04 mR/HR
14 26	015	12" PVC Pipe	.04 mR/HR
14 29	016	12" PVC Pipe	.04 mR/HR
14 30	017	12" PVC Pipe	.04 mR/HR
14 32	018	12" PVC Pipe	.04 mR/HR
14 34	019	12" PVC Pipe	.04 mR/HR
14 36	020	12" PVC Pipe	.04 mR/HR
14 38	021	12" PVC Pipe	.04 mR/HR
14 40	022	12" PVC Pipe	.04 mR/HR
14 42	023	12" PVC Pipe	.04 mR/HR
14 43	024	12" PVC Pipe	.04 mR/HR

Joshua M Kirchner
Analyst Signature

30-May-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron MO Company Project #: 92270-0204

Page No: 2 of 7 Date: 30-May-08

LOCATION:
NAME:

QUAD/UNIT: NW/NE SEC: 25 TWP: 32N RNG: 13W PM: NM

COUNTY: San Juan STATE: New Mexico

LATITUDE: W 36° 57.389" LONGITUDE: N 108° 09.279"

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
1445	101	6" PVC Pipe	.04 mR/HR
1447	102	6" PVC Pipe	.04 mR/HR
1448	103	6" PVC Pipe	.04 mR/HR
1450	104	6" PVC Pipe	.04 mR/HR
1455	201	4" PVC pipe	.04 mR/HR
1456	202	4" PVC pipe	.04 mR/HR
1458	203	4" PVC Pipe	.04 mR/HR
1500	204	4" PVC Pipe	.04 mR/HR
1501	205	4" PVC Pipe	.04 mR/HR
1505	301	1" PVC Pipe	.04 mR/HR
1507	302	1" PVC Pipe	.04 mR/HR
1508	303	1" PVC Pipe	.04 mR/HR
1510	304	1" PVC pipe	.04 mR/HR
1512	305	1" PVC Pipe	.04 mR/HR
1514	306	1" PVC Pipe	.04 mR/HR
1515	307	1" PVC Pipe	.04 mR/HR
1516	308	1" PVC Pipe	.04 mR/HR
1517	309	1" PVC Pipe	.04 mR/HR
1519	310	1" PVC Pipe	.04 mR/HR
1520	311	1" PVC Pipe	.04 mR/HR
1522	312	1" PVC Pipe	.04 mR/HR
1523	313	1" PVC Pipe	.04 mR/HR
			.04 mR/HR

Joshua M Kirchner
Analyst Signature

30-May-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid Continent | Project #: 92270-0204

Page No: 3 of 7 | Date: 30-MAY-08

LOCATION:
NAME: La Plata Evaporation Pond Facility
QUAD/UNIT: NW/SE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: W 36° 57.389 LONGITUDE: N 108.09279

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
1530	401	10 - .750" PVC Pipes Bundled	.04 mR/AR
1532	402	10 - .750" PVC Pipes Bundled	.04 mR/HR
1534	403	10 - .750" PVC Pipes Bundled	.04 mR/HR
1535	404	10 - .750" PVC Pipes Bundled	.04 mR/HR
1537	405	5 - .750" PVC Pipes with 90° Angle	.04 mR/HR
1538	406	6 - .750" PVC Pipes Bundled	.04 mR/HR
~~1540~~	~~501~~	~~Angle Iron~~	

Joshua M Kirchner
Analyst Signature

30-MAY-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron MID-Continet | Project #: 92270-0204

Page No: 4 of 7 | Date: 30-MAY-08

LOCATION:
NAME: La Plata Evaporation Pond Facility
QUAD/UNIT: NW/NE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: W 36° 57.389' LONGITUDE: N 108° 09.279'

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
1600	701	Sand Bag	.04 mR/HR
16:01	702	Sand Bag	.04 mR/HR
16:02	703	Sand Bag	.04 mR/HR
16:03	704	Sand Bag	.04 mR/HR
16:04	705	Sand Bag	.04 mR/HR
16:05	706	Sand Bag	.04 mR/HR
16:06	707	Sand Bag	.04 mR/HR
16:07	708	Sand Bag	.04 mR/HR
16:08	709	Sand Bag	.04 mR/HR
16:09	710	Sand Bag	.04 mR/HR
16:10	711	Sand Bag	.04 mR/HR
16:11	712	Sand Bag	.04 mR/HR
16:12	713	Sand Bag	.04 mR/HR
16:13	714	Sand Bag	.04 mR/HR
16:14	715	Sand Bag	.04 mR/HR
16:15	716	Sand Bag	.04 mR/HR
16:16	717	Sand Bag	.04 mR/HR
16:17	718	Sand Bag	.04 mR/HR
16:18	719	Sand Bag	.04 mR/HR
16:19	720	Sand Bag	.04 mR/HR

Joshua M Kirchner
Analyst Signature

30-MAY-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid Continent | Project #: 92270-0204

Page No: 5 of 7 | Date: 3-June-08

LOCATION:
NAME: La Plata Evaporation Pond Facility
QUAD/UNIT: NW/NE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: 36° 57.389" LONGITUDE: W 108° 09.279"

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
10:00	501	Angle Iron	.04 mR/HR
10:02	502	Angle Iron	.04 mR/HR
10:03	503	Angle Iron	.04 mR/HR
10:04	504	Iron Pipe	.04 mR/HR
10:05	505	Angle Iron	.04 mR/HR
10:07	506	Angle Iron	.04 mR/HR
10:08	507	Angle Iron	.04 mR/HR
10:09	508	Angle Iron	.04 mR/HR
10:10	509	Angle Iron	.04 mR/HR
10:11	510	Angle Iron	.04 mR/HR
10:13	511	Angle Iron	.04 mR/HR
10:15	512	Angle Iron	.04 mR/HR
10:16	513	Angle Iron	.04 mR/HR
10:17	514	Angle Iron	.04 mR/HR
10:19	515	12" Saddle made of Iron	.04 mR/HR
10:20	516	Iron Rods	

Joshua M Kirchner
Analyst Signature

3-June-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid-Continent — Project #: 9220.0204

Page No: 6 of 7 — Date: 2-June-08

LOCATION:
NAME: La Plata Evaporation Pond Facility
QUAD/UNIT: NW/NE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: N 36° 57.389" LONGITUDE: W 108° 09.279"

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
10:25	601	4" Ruber hose	.04 mR/HR
10:26	602	4" Ruber Hose	.04 mR/HR
10:27	603	4" Ruber hose	.04 mR/HR
10:29	604	4" Ruber hose	.04 mR/HR
10:30	605	4" Ruber hose	.04 mR/HR
10:32	606	4" Ruber hose	.04 mR/HR
10:33	607	4" Ruber hose	.04 mR/HR
10:34	608	4" Ruber hose	.04 mR/HR
10:35	609	4" Ruber hose	.04 mR/HR
10:36	610	4" Ruber hose	.04 mR/HR
10:38	611	4" Ruber hose	.04 mR/HR
10:39	612	4" Ruber hose	.04 mR/HR
10:40	613	4" Ruber hose	.04 mR/HR
10:41	614	4" Ruber hose	.04 mR/HR
10:42	615	4" Ruber hose	.04 mR/HR
10:44	616	4" Ruber hose	.04 mR/HR
10:45	617	4" Ruber hose	.04 mR/HR
10:47	618	1" Ruber hose	.04 mR/HR
10:48	619	1" Ruber hose	.04 mR/HR
10:50	620	1" Ruber hose	.04 mR/HR
10:51	621	1" Ruber hose	.04 mR/HR
10:52	622	1" Ruber hose	.04 mR/HR

Joshua M Kirchner
Analyst Signature

2-June-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid-Continent Project #: 92270-0204

Page No: 7 of 7 Date: 2-June-08

LOCATION:
NAME: La Plata Evaporation Pond
QUAD/UNIT: NW/NE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: W 36° 57.389' LONGITUDE: N 108° 09.279'

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
11:00	623	.500" Ruber Hose	.04 mR/HR
11:02	624	.500" Ruber Hose	.04 mR/HR
11:03	625	.500" Ruber Hose	.04 mR/HR
11:04	626	.500" Ruber Hose	.04 mR/HR
11:05	627	.500" Ruber Hose	.04 mR/HR
11:07	628	.500" Ruber Hose	.04 mR/HR
11:08	629	.500" Ruber Hose	.04 mR/HR
11:10	630	.500" Ruber Hose	.04 mR/HR
11:11	631	.500" Ruber Hose	.04 mR/HR
11:12	632	.500" Ruber Hose	.04 mR/HR
11:13	633	.500" Ruber Hose	.04 mR/HR
11:15	634	.500" Ruber Hose	.04 mR/HR

Joshua M Kirchner
Analyst Signature

2 June-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid-America | Project #: 92070-0204

Page No: 1 of 1 | Date: 2-June-08

LOCATION:
NAME: La Plata Evaporation Pond Facility
QUAD/UNIT: NW/NE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: N 36° 57.389' LONGITUDE: W 108° 09.279'

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
11:30	1000	Sludge Stockpile	.04 mR/HR

Joshua M Kirchner
Analyst Signature

2-June-08
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

ANALYTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid Continent | Project #: 92270-

Page No: 1 of 2 | Date: 12-June-2008

LOCATION:
NAME: La Plata Produced Water / Evaporation Pond
QUAD/UNIT: NW/SE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: 36° 57.399' LONGITUDE: -108° 09.279'

BACKROUND READING: .04 mR/HR ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
930	721	Sand bag	.04 mR/HR
932	722	20' Sand bag	.04 mR/HR
935	723	20' Sand bag	.04 mR/HR
936	724	20' Sand bag	.04 mR/HR
938	725	20' Sand bag	.04 mR/HR
940	726	20' Sand bag	.04 mR/HR
942	727	20' Sand bag	.04 mR/HR
946	728	20' Sand bag	.04 mR/HR
947	729	20' Sand bag	.04 mR/HR
949	730	20' Sand bag	.04 mR/HR
952	731	20' Sand bag	.04 mR/HR

Joshua M Kirchner
Analyst Signature

12-June-2008
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD REPORT
NORM TESTING
VERIFICATION

Client: Chevron Mid Continent **Project #:** 92270-02

Page No: 2 of 2 **Date:** 12-June-2008

LOCATION:
NAME: La Plata Produced water / Evaporation Pond
QUAD/UNIT: NW / SE SEC: 25 TWP: 32N RNG: 13W PM: NM
COUNTY: San Juan STATE: New Mexico
LATITUDE: 36° 57.399' LONGITUDE: -108 09.279

BACKROUND READING: .04 mR/HR **ALLOWABLE CONCENTRATION (2 TIMES BACKROUND):** .08 mR/HR

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
1000	901	Black Liner (wall)	.04 mR/HR
05	902	Black Liner (wall)	.04 mR/HR
10	903	Black Liner (wall)	.04 mR/HR
15	904	Black Liner (wall)	.04 mR/HR
20	905	Black Liner (wall)	.04 mR/HR
25	906	Black Liner (wall)	.04 mR/HR
30	908	Black Liner (wall)	.04 mR/HR
35	909	Black Liner (wall)	.04 mR/HR
40	910	Black Liner (wall)	.04 mR/HR
45	911	Black Liner (wall)	.04 mR/HR
50	912	Black Liner (wall)	.04 mR/HR
55	913	Black Liner (wall)	.04 mR/HR
1100	914	Black Liner (wall)	.04 mR/HR
1105	915	Black Liner (wall)	.04 mR/HR
1110	916	Black Liner (wall)	.04 mR/HR
1115	917	Floor Black Liner NE Floor	.04 mR/HR
1120	918	Black Liner SE Floor	.04 mR/HR
1125	919	Black Liner SW Floor	.04 mR/HR
1130	920	Black Liner NW Floor	.04 mR/HR
1135	907	Black Liner (wall)	.04 mR/HR

Joshua M Kirchner
Analyst Signature

12-June-2008
Date

Joshua M Kirchner
Printed Name

6888
Instrument I.D.

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD REPORT
NORM TESTING
VERIFICATION

Client: CHEVRON Project #: 92270-0264

Page No: 1 of 2 Date: 06/17/08

LOCATION:
NAME: LA PLATA POND

QUAD/UNIT: SEC: 25 TWP: 32N RNG: 13W PM: NM

COUNTY: SAN JUAN STATE: NEW MEXICO

LATITUDE: LONGITUDE:

BACKROUND READING: 0.06 CPM ALLOWABLE CONCENTRATION (2 TIMES BACKROUND): 0.12 CPM

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
1143	1	(1) BLACK PLASTIC TOP LINER	0.06 CPM
	2	(1) BLACK PLASTIC 3RD LAYER LINER	0.06 CPM
	3	(1) GREEN CLOTH 2ND LAYER LINER	0.07 CPM
	4	(1) WHITE CLOTH 4TH LAYER LINER	0.07 CPM
	5	(2) BLACK PLASTIC TOP LINER	0.06 CPM
	6	(2) BLACK PLASTIC 3RD LAYER LINER	0.06 CPM
	7	(2) GREEN CLOTH 2ND LAYER LINER	0.06 CPM
	8	(2) WHITE CLOTH 4TH LAYER LINER	0.06 CPM
	9	(3) BLACK PLASTIC TOP LINER	0.06 CPM
	10	(3) BLACK PLASTIC 3RD LAYER LINER	0.06 CPM
	11	(3) GREEN CLOTH 2ND LAYER LINER	0.07
	12	(3) WHITE CLOTH 4TH LAYER LINER	0.06
	13	(4) BLACK PLASTIC TOP LINER	0.06
	14	(4) BLACK PLASTIC 3RD LAYER LINER	0.05
	15	(4) GREEN CLOTH 2ND LAYER LINER	0.06
	16	(4) WHITE CLOTH 4TH LAYER LINER	0.06
	17	(5) BLACK PLASTIC TOP LAYER	0.05
	18	(5) BLACK PLASTIC 3RD LAYER LINER	0.06
	19	(5) GREEN CLOTH 2ND LAYER LINER	0.06
	20	(5) WHITE CLOTH 4TH LAYER LINER	0.06
	21	(6) BLACK PLASTIC TOP LAYER LINER	0.06
	22	(6) BLACK PLASTIC 3RD LAYER LINER	0.06
	23	(6) GREEN CLOTH 2ND LAYER LINER	0.06
	24	(6) WHITE CLOTH 4TH LAYER LINER	0.07

Analyst Signature

06/17/08
Date

NICOLE HAYWORTH
Printed Name

GSM-525
Instrument I.D.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD REPORT
NORM TESTING
VERIFICATION

Client: CHEVRON **Project #:** 98270-0204

Page No: 2 of 2 **Date:** 06/17/08

LOCATION:

NAME: LA PLATA POND

QUAD/UNIT: **SEC:** 25 **TWP:** 32N **RNG:** 13W **PM:** NM

COUNTY: SAN JUAN **STATE:** NM

LATITUDE: **LONGITUDE:**

BACKROUND READING: 0.016 CPM **ALLOWABLE CONCENTRATION (2 TIMES BACKROUND):** 0.12 CPM

TIME	SAMPLE I.D.	SAMPLE DESCRIPTION	CONCENTRATION
	25	(7) BLACK PLASTIC TOP LINER	0.06 CPM
	26	(7) BLACK PLASTIC 3RD LAYER LINER	0.05
	27	(7) GREEN CLOTH 2ND LAYER LINER	0.09
	28	(7) WHITE CLOTH 4TH LAYER LINER	0.08
	29	(8) BLACK PLASTIC TOP LINER	0.06
	30	(8) BLACK PLASTIC 3RD LAYER LINER	0.06
	31	(8) GREEN CLOTH 2ND LAYER LINER	0.09
1300	32	(8) WHITE CLOTH 4TH LAYER LINER	0.07

Nicole Haywood
Analyst Signature

06/17/08
Date

NICOLE HAYWORTH
Printed Name

GSM-525
Instrument I.D.

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

APPENDIX A

Pond Sludge Analytical Results

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron	Project #:	92270-0204
Sample No.:	1	Date Reported:	6/2/2008
Sample ID:	Pond Sludge	Date Sampled:	6/2/2008
Sample Matrix:	Soil	Date Analyzed:	6/2/2008
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**268**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **La Plata Evaporation Pond Sludge after soil blending**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Kyle P Kerr
Printed

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 2-Jun-08

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	185
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst — Date: 6/2/08

James McDaniel
Print Name

Review — Date: 6/2/08

Kyle P. Kerr
Print Name

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/12/08 TIME 1715

CUSTOMER Chevron

SITE La Plata Evaporation Pond

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST 91 mg/Kg

ACCEPTED YES NA NO NA

PAINT FILTER TEST Time started NA Time completed NA

PASS (YES) X NO

SAMPLER/ANALYST James McDaniel

Attach test strip here

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

pH analysis

Client:	Chevron	Project #:	92270-0204
Sample ID:	Pond Sludge	Date Reported:	05-27-08
Laboratory Number:	45606	Date Sampled:	05-23-08
Chain of Custody:	4462	Date Received:	05-23-08
Sample Matrix:	Sludge	Date Extracted:	05-23-08
Preservative:	Cool	Date Analyzed:	05-23-08
Condition:	Intact		

Parameter	Analytical Result	Units
pH	10.40	su

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: **La Plata Pond.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN OF CUSTODY RECORD

4462

Client:	Project Name / Location:
CHEVRON	LA PLATA POND
Client Address:	Sampler Name: N. HAYWORTH
Client Phone No.:	Client No.: 92270-0204

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	pH				Sample Cool	Sample Intact
POND SLUDGE	05/23		45604	SLUDGE	1-4oz											X				Y	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michael Haywood	05/23/08	1010		5/23/08	1010
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

APPENDIX A

Pond Closure Sample Analytical Results

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NE	Date Reported:	06-25-08
Laboratory Number:	45921	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-23-08
Preservative:	Cool	Date Extracted:	06-19-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.7**	**0.9**
Toluene	**2.8**	**1.0**
Ethylbenzene	**1.2**	**1.0**
p,m-Xylene	**3.0**	**1.2**
o-Xylene	**1.8**	**0.9**
Total BTEX	**10.5**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98.0 %**
	1,4-difluorobenzene	**98.0 %**
	Bromochlorobenzene	**98.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NW	Date Reported:	06-25-08
Laboratory Number:	45922	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-23-08
Preservative:	Cool	Date Extracted:	06-19-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.6**	**0.9**
Toluene	**3.4**	**1.0**
Ethylbenzene	**1.8**	**1.0**
p,m-Xylene	**4.5**	**1.2**
o-Xylene	**2.4**	**0.9**
Total BTEX	**13.7**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99.0 %**
	1,4-difluorobenzene	**99.0 %**
	Bromochlorobenzene	**99.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SE	Date Reported:	06-25-08
Laboratory Number:	45923	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-23-08
Preservative:	Cool	Date Extracted:	06-19-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.4**	**0.9**
Toluene	**4.6**	**1.0**
Ethylbenzene	**1.0**	**1.0**
p,m-Xylene	**3.3**	**1.2**
o-Xylene	**1.7**	**0.9**
Total BTEX	**12.0**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98.0 %**
	1,4-difluorobenzene	**98.0 %**
	Bromochlorobenzene	**98.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SW	Date Reported:	06-25-08
Laboratory Number:	45924	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-23-08
Preservative:	Cool	Date Extracted:	06-19-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**ND**	**1.0**
Ethylbenzene	**ND**	**1.0**
p,m-Xylene	**ND**	**1.2**
o-Xylene	**ND**	**0.9**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96.0 %**
	1,4-difluorobenzene	**96.0 %**
	Bromochlorobenzene	**96.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-0204
Sample ID:	Background	Date Reported:	06-25-08
Laboratory Number:	45925	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-23-08
Preservative:	Cool	Date Extracted:	06-19-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**ND**	**1.0**
Ethylbenzene	**ND**	**1.0**
p,m-Xylene	**ND**	**1.2**
o-Xylene	**ND**	**0.9**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98.0 %**
	1,4-difluorobenzene	**98.0 %**
	Bromochlorobenzene	**98.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-23-BT QA/QC	Date Reported:	06-25-08
Laboratory Number:	45921	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-23-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	3.1460E+007	3.1523E+007	0.2%	ND	0.1
Toluene	2.4306E+007	2.4355E+007	0.2%	ND	0.1
Ethylbenzene	1.7412E+007	1.7447E+007	0.2%	ND	0.1
p,m-Xylene	3.9073E+007	3.9151E+007	0.2%	ND	0.1
o-Xylene	1.7085E+007	1.7120E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	1.7	1.5	11.8%	0 - 30%	0.9
Toluene	2.8	2.7	3.6%	0 - 30%	1.0
Ethylbenzene	1.2	1.1	8.3%	0 - 30%	1.0
p,m-Xylene	3.0	3.0	0.0%	0 - 30%	1.2
o-Xylene	1.8	1.7	5.6%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.7	50.0	51.2	99.0%	39 - 150
Toluene	2.8	50.0	52.2	98.9%	46 - 148
Ethylbenzene	1.2	50.0	51.0	99.6%	32 - 160
p,m-Xylene	3.0	100	93.0	90.3%	46 - 148
o-Xylene	1.8	50.0	51.7	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 45921 - 45925 and 45956 - 45960.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NE	Date Reported:	06-24-08
Chain of Custody:	4593	Date Sampled:	06-16-08
Laboratory Number:	45921	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-19-08
Preservative:	Cool	Date Extracted:	06-17-08
Condition:	Cool and Intact	Analysis Requested:	8260 VOC

Parameter	Concentration	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/Kg)	1.0	1
Toluene	ND	(ug/Kg)	1.0	1
Ethylbenzene	ND	(ug/Kg)	1.0	1
Xylenes, Total	ND	(ug/Kg)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/Kg)	1.0	1
1,2,4-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,3,5-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/Kg)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/Kg)	1.0	1
Naphthalene	ND	(ug/Kg)	1.0	1
1-Methylnaphthalene	ND	(ug/Kg)	2.0	1
2-Methylnaphthalene	ND	(ug/Kg)	2.0	1
Bromobenzene	ND	(ug/Kg)	1.0	1
Bromochloromethane	ND	(ug/Kg)	1.0	1
Bromodichloromethane	ND	(ug/Kg)	1.0	1
Bromoform	ND	(ug/Kg)	1.0	1
Bromomethane	ND	(ug/Kg)	1.0	1
Carbon Tetrachloride	ND	(ug/Kg)	1.0	1
Chlorobenzene	ND	(ug/Kg)	1.0	1
Chloroethane	ND	(ug/Kg)	2.0	1
Chloroform	ND	(ug/Kg)	1.0	1
Chloromethane	ND	(ug/Kg)	1.0	1
2-Chlorotoluene	ND	(ug/Kg)	1.0	1
4-Chlorotoluene	ND	(ug/Kg)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/Kg)	2.0	1
Dibromochloromethane	ND	(ug/Kg)	1.0	1
Dibromoethane	ND	(ug/Kg)	2.0	1
1,2-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,3-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,4-Dichlorobenzene	ND	(ug/Kg)	1.0	1
Dichlorodifluoromethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethene	ND	(ug/Kg)	1.0	1
1,2-Dichloropropane	ND	(ug/Kg)	1.0	1
1,3-Dichloropropane	ND	(ug/Kg)	1.0	1
2,2-Dichloropropane	ND	(ug/Kg)	1.0	1

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client: Chevron
Sample ID: NE
Laboratory Number: 45921

Parameter	Concentration (ug/Kg)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/Kg)	1.0	1
Hexachlorobutadiene	ND	(ug/Kg)	1.0	1
Isopropylbenzene	ND	(ug/Kg)	1.0	1
4-Isopropyltoluene	ND	(ug/Kg)	1.0	1
Methylene Chloride	ND	(ug/Kg)	3.0	1
n-Butylbenzene	ND	(ug/Kg)	1.0	1
n-Propylbenzene	ND	(ug/Kg)	1.0	1
sec-Butylbenzene	ND	(ug/Kg)	1.0	1
Styrene	ND	(ug/Kg)	1.0	1
tert-Butylbenzene	ND	(ug/Kg)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/Kg)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
Trichloroethene (TCE)	ND	(ug/Kg)	1.0	1
Trichlorofluoromethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,1,1-Trichloroethane	ND	(ug/Kg)	1.0	1
1,1,2-Trichloroethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichloropropane	ND	(ug/Kg)	2.0	1
Vinyl Chloride	ND	(ug/Kg)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	104	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	109	% Recovery	74.6-123	1
Toluene-d8	104	% Recovery	84.2-115	1
4-Bromofluorobenzene	105	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NW	Date Reported:	06-24-08
Chain of Custody:	4593	Date Sampled:	06-16-08
Laboratory Number:	45922	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-19-08
Preservative:	Cool	Date Extracted:	06-17-08
Condition:	Cool and Intact	Analysis Requested:	8260 VOC

Parameter	Concentration	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/Kg)	1.0	1
Toluene	ND	(ug/Kg)	1.0	1
Ethylbenzene	ND	(ug/Kg)	1.0	1
Xylenes, Total	ND	(ug/Kg)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/Kg)	1.0	1
1,2,4-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,3,5-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/Kg)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/Kg)	1.0	1
Naphthalene	ND	(ug/Kg)	1.0	1
1-Methylnaphthalene	ND	(ug/Kg)	2.0	1
2-Methylnaphthalene	ND	(ug/Kg)	2.0	1
Bromobenzene	ND	(ug/Kg)	1.0	1
Bromochloromethane	ND	(ug/Kg)	1.0	1
Bromodichloromethane	ND	(ug/Kg)	1.0	1
Bromoform	ND	(ug/Kg)	1.0	1
Bromomethane	ND	(ug/Kg)	1.0	1
Carbon Tetrachloride	ND	(ug/Kg)	1.0	1
Chlorobenzene	ND	(ug/Kg)	1.0	1
Chloroethane	ND	(ug/Kg)	2.0	1
Chloroform	ND	(ug/Kg)	1.0	1
Chloromethane	ND	(ug/Kg)	1.0	1
2-Chlorotoluene	ND	(ug/Kg)	1.0	1
4-Chlorotoluene	ND	(ug/Kg)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/Kg)	2.0	1
Dibromochloromethane	ND	(ug/Kg)	1.0	1
Dibromoethane	ND	(ug/Kg)	2.0	1
1,2-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,3-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,4-Dichlorobenzene	ND	(ug/Kg)	1.0	1
Dichlorodifluoromethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethene	ND	(ug/Kg)	1.0	1
1,2-Dichloropropane	ND	(ug/Kg)	1.0	1
1,3-Dichloropropane	ND	(ug/Kg)	1.0	1
2,2-Dichloropropane	ND	(ug/Kg)	1.0	1

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client: Chevron
Sample ID: NW
Laboratory Number: 45922

Parameter	Concentration (ug/Kg)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/Kg)	1.0	1
Hexachlorobutadiene	ND	(ug/Kg)	1.0	1
Isopropylbenzene	ND	(ug/Kg)	1.0	1
4-Isopropyltoluene	ND	(ug/Kg)	1.0	1
Methylene Chloride	ND	(ug/Kg)	3.0	1
n-Butylbenzene	ND	(ug/Kg)	1.0	1
n-Propylbenzene	ND	(ug/Kg)	1.0	1
sec-Butylbenzene	ND	(ug/Kg)	1.0	1
Styrene	ND	(ug/Kg)	1.0	1
tert-Butylbenzene	ND	(ug/Kg)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/Kg)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
Trichloroethene (TCE)	ND	(ug/Kg)	1.0	1
Trichlorofluoromethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,1,1-Trichloroethane	ND	(ug/Kg)	1.0	1
1,1,2-Trichloroethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichloropropane	ND	(ug/Kg)	2.0	1
Vinyl Chloride	ND	(ug/Kg)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	104	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	109	% Recovery	74.6-123	1
Toluene-d8	104	% Recovery	84.2-115	1
4-Bromofluorobenzene	105	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SE	Date Reported:	06-24-08
Chain of Custody:	4593	Date Sampled:	06-16-08
Laboratory Number:	45923	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-19-08
Preservative:	Cool	Date Extracted:	06-17-08
Condition:	Cool and Intact	Analysis Requested:	8260 VOC

Parameter	Concentration	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/Kg)	1.0	1
Toluene	ND	(ug/Kg)	1.0	1
Ethylbenzene	ND	(ug/Kg)	1.0	1
Xylenes, Total	ND	(ug/Kg)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/Kg)	1.0	1
1,2,4-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,3,5-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/Kg)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/Kg)	1.0	1
Naphthalene	ND	(ug/Kg)	1.0	1
1-Methylnaphthalene	ND	(ug/Kg)	2.0	1
2-Methylnaphthalene	ND	(ug/Kg)	2.0	1
Bromobenzene	ND	(ug/Kg)	1.0	1
Bromochloromethane	ND	(ug/Kg)	1.0	1
Bromodichloromethane	ND	(ug/Kg)	1.0	1
Bromoform	ND	(ug/Kg)	1.0	1
Bromomethane	ND	(ug/Kg)	1.0	1
Carbon Tetrachloride	ND	(ug/Kg)	1.0	1
Chlorobenzene	ND	(ug/Kg)	1.0	1
Chloroethane	ND	(ug/Kg)	2.0	1
Chloroform	ND	(ug/Kg)	1.0	1
Chloromethane	ND	(ug/Kg)	1.0	1
2-Chlorotoluene	ND	(ug/Kg)	1.0	1
4-Chlorotoluene	ND	(ug/Kg)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/Kg)	2.0	1
Dibromochloromethane	ND	(ug/Kg)	1.0	1
Dibromoethane	ND	(ug/Kg)	2.0	1
1,2-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,3-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,4-Dichlorobenzene	ND	(ug/Kg)	1.0	1
Dichlorodifluoromethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethene	ND	(ug/Kg)	1.0	1
1,2-Dichloropropane	ND	(ug/Kg)	1.0	1
1,3-Dichloropropane	ND	(ug/Kg)	1.0	1
2,2-Dichloropropane	ND	(ug/Kg)	1.0	1

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client: Chevron
Sample ID: SE
Laboratory Number: 45923

Parameter	Concentration (ug/Kg)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/Kg)	1.0	1
Hexachlorobutadiene	ND	(ug/Kg)	1.0	1
Isopropylbenzene	ND	(ug/Kg)	1.0	1
4-Isopropyltoluene	ND	(ug/Kg)	1.0	1
Methylene Chloride	ND	(ug/Kg)	3.0	1
n-Butylbenzene	ND	(ug/Kg)	1.0	1
n-Propylbenzene	ND	(ug/Kg)	1.0	1
sec-Butylbenzene	ND	(ug/Kg)	1.0	1
Styrene	ND	(ug/Kg)	1.0	1
tert-Butylbenzene	ND	(ug/Kg)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/Kg)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
Trichloroethene (TCE)	ND	(ug/Kg)	1.0	1
Trichlorofluoromethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,1,1-Trichloroethane	ND	(ug/Kg)	1.0	1
1,1,2-Trichloroethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichloropropane	ND	(ug/Kg)	2.0	1
Vinyl Chloride	ND	(ug/Kg)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	104	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	109	% Recovery	74.6-123	1
Toluene-d8	104	% Recovery	84.2-115	1
4-Bromofluorobenzene	105	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SW	Date Reported:	06-24-08
Chain of Custody:	4593	Date Sampled:	06-16-08
Laboratory Number:	45924	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-19-08
Preservative:	Cool	Date Extracted:	06-17-08
Condition:	Cool and Intact	Analysis Requested:	8260 VOC

Parameter	Concentration	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/Kg)	1.0	1
Toluene	ND	(ug/Kg)	1.0	1
Ethylbenzene	ND	(ug/Kg)	1.0	1
Xylenes, Total	ND	(ug/Kg)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/Kg)	1.0	1
1,2,4-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,3,5-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/Kg)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/Kg)	1.0	1
Naphthalene	ND	(ug/Kg)	1.0	1
1-Methylnaphthalene	ND	(ug/Kg)	2.0	1
2-Methylnaphthalene	ND	(ug/Kg)	2.0	1
Bromobenzene	ND	(ug/Kg)	1.0	1
Bromochloromethane	ND	(ug/Kg)	1.0	1
Bromodichloromethane	ND	(ug/Kg)	1.0	1
Bromoform	ND	(ug/Kg)	1.0	1
Bromomethane	ND	(ug/Kg)	1.0	1
Carbon Tetrachloride	ND	(ug/Kg)	1.0	1
Chlorobenzene	ND	(ug/Kg)	1.0	1
Chloroethane	ND	(ug/Kg)	2.0	1
Chloroform	ND	(ug/Kg)	1.0	1
Chloromethane	ND	(ug/Kg)	1.0	1
2-Chlorotoluene	ND	(ug/Kg)	1.0	1
4-Chlorotoluene	ND	(ug/Kg)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/Kg)	2.0	1
Dibromochloromethane	ND	(ug/Kg)	1.0	1
Dibromoethane	ND	(ug/Kg)	2.0	1
1,2-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,3-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,4-Dichlorobenzene	ND	(ug/Kg)	1.0	1
Dichlorodifluoromethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethene	ND	(ug/Kg)	1.0	1
1,2-Dichloropropane	ND	(ug/Kg)	1.0	1
1,3-Dichloropropane	ND	(ug/Kg)	1.0	1
2,2-Dichloropropane	ND	(ug/Kg)	1.0	1

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client: Chevron
Sample ID: SW
Laboratory Number: 45924

Parameter	Concentration (ug/Kg)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/Kg)	1.0	1
Hexachlorobutadiene	ND	(ug/Kg)	1.0	1
Isopropylbenzene	ND	(ug/Kg)	1.0	1
4-Isopropyltoluene	ND	(ug/Kg)	1.0	1
Methylene Chloride	ND	(ug/Kg)	3.0	1
n-Butylbenzene	ND	(ug/Kg)	1.0	1
n-Propylbenzene	ND	(ug/Kg)	1.0	1
sec-Butylbenzene	ND	(ug/Kg)	1.0	1
Styrene	ND	(ug/Kg)	1.0	1
tert-Butylbenzene	ND	(ug/Kg)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/Kg)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
Trichloroethene (TCE)	ND	(ug/Kg)	1.0	1
Trichlorofluoromethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,1,1-Trichloroethane	ND	(ug/Kg)	1.0	1
1,1,2-Trichloroethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichloropropane	ND	(ug/Kg)	2.0	1
Vinyl Chloride	ND	(ug/Kg)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	104	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	109	% Recovery	74.6-123	1
Toluene-d8	104	% Recovery	84.2-115	1
4-Bromofluorobenzene	105	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client:	Chevron	Project #:	92270-0204
Sample ID:	Background	Date Reported:	06-24-08
Chain of Custody:	4593	Date Sampled:	06-16-08
Laboratory Number:	45925	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-19-08
Preservative:	Cool	Date Extracted:	06-17-08
Condition:	Cool and Intact	Analysis Requested:	8260 VOC

Parameter	Concentration	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/Kg)	1.0	1
Toluene	ND	(ug/Kg)	1.0	1
Ethylbenzene	ND	(ug/Kg)	1.0	1
Xylenes, Total	ND	(ug/Kg)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/Kg)	1.0	1
1,2,4-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,3,5-Trimethylbenzene	ND	(ug/Kg)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/Kg)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/Kg)	1.0	1
Naphthalene	ND	(ug/Kg)	1.0	1
1-Methylnaphthalene	ND	(ug/Kg)	2.0	1
2-Methylnaphthalene	ND	(ug/Kg)	2.0	1
Bromobenzene	ND	(ug/Kg)	1.0	1
Bromochloromethane	ND	(ug/Kg)	1.0	1
Bromodichloromethane	ND	(ug/Kg)	1.0	1
Bromoform	ND	(ug/Kg)	1.0	1
Bromomethane	ND	(ug/Kg)	1.0	1
Carbon Tetrachloride	ND	(ug/Kg)	1.0	1
Chlorobenzene	ND	(ug/Kg)	1.0	1
Chloroethane	ND	(ug/Kg)	2.0	1
Chloroform	ND	(ug/Kg)	1.0	1
Chloromethane	ND	(ug/Kg)	1.0	1
2-Chlorotoluene	ND	(ug/Kg)	1.0	1
4-Chlorotoluene	ND	(ug/Kg)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/Kg)	2.0	1
Dibromochloromethane	ND	(ug/Kg)	1.0	1
Dibromoethane	ND	(ug/Kg)	2.0	1
1,2-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,3-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,4-Dichlorobenzene	ND	(ug/Kg)	1.0	1
Dichlorodifluoromethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethene	ND	(ug/Kg)	1.0	1
1,2-Dichloropropane	ND	(ug/Kg)	1.0	1
1,3-Dichloropropane	ND	(ug/Kg)	1.0	1
2,2-Dichloropropane	ND	(ug/Kg)	1.0	1

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client: Chevron
Sample ID: Background
Laboratory Number: 45925

Parameter	Concentration (ug/Kg)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/Kg)	1.0	1
Hexachlorobutadiene	ND	(ug/Kg)	1.0	1
Isopropylbenzene	ND	(ug/Kg)	1.0	1
4-Isopropyltoluene	ND	(ug/Kg)	1.0	1
Methylene Chloride	ND	(ug/Kg)	3.0	1
n-Butylbenzene	ND	(ug/Kg)	1.0	1
n-Propylbenzene	ND	(ug/Kg)	1.0	1
sec-Butylbenzene	ND	(ug/Kg)	1.0	1
Styrene	ND	(ug/Kg)	1.0	1
tert-Butylbenzene	ND	(ug/Kg)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/Kg)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
Trichloroethene (TCE)	ND	(ug/Kg)	1.0	1
Trichlorofluoromethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,1,1-Trichloroethane	ND	(ug/Kg)	1.0	1
1,1,2-Trichloroethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichloropropane	ND	(ug/Kg)	2.0	1
Vinyl Chloride	ND	(ug/Kg)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	104	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	109	% Recovery	74.6-123	1
Toluene-d8	104	% Recovery	84.2-115	1
4-Bromofluorobenzene	105	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	06-24-08
Laboratory Number:	06-19 VOA	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-19-08
Condition:	N/A	Analysis Requested:	8260 VOC

Parameter	Concentration (ug/L)	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/L)	1.0	1
Toluene	ND	(ug/L)	1.0	1
Ethylbenzene	ND	(ug/L)	1.0	1
Xylenes, Total	ND	(ug/L)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/L)	1.0	1
1,2,4-Trimethylbenzene	ND	(ug/L)	1.0	1
1,3,5-Trimethylbenzene	ND	(ug/L)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/L)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/L)	1.0	1
Naphthalene	ND	(ug/L)	1.0	1
1-Methylnaphthalene	ND	(ug/L)	2.0	1
2-Methylnaphthalene	ND	(ug/L)	2.0	1
Bromobenzene	ND	(ug/L)	1.0	1
Bromochloromethane	ND	(ug/L)	1.0	1
Bromodichloromethane	ND	(ug/L)	1.0	1
Bromoform	ND	(ug/L)	1.0	1
Bromomethane	ND	(ug/L)	1.0	1
Carbon Tetrachloride	ND	(ug/L)	1.0	1
Chlorobenzene	ND	(ug/L)	1.0	1
Chloroethane	ND	(ug/L)	2.0	1
Chloroform	ND	(ug/L)	1.0	1
Chloromethane	ND	(ug/L)	1.0	1
2-Chlorotoluene	ND	(ug/L)	1.0	1
4-Chlorotoluene	ND	(ug/L)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/L)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/L)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/L)	2.0	1
Dibromochloromethane	ND	(ug/L)	1.0	1
Dibromoethane	ND	(ug/L)	2.0	1
1,2-Dichlorobenzene	ND	(ug/L)	1.0	1
1,3-Dichlorobenzene	ND	(ug/L)	1.0	1
1,4-Dichlorobenzene	ND	(ug/L)	1.0	1
Dichlorodifluoromethane	ND	(ug/L)	1.0	1
1,1-Dichloroethane	ND	(ug/L)	1.0	1
1,1-Dichloroethene	ND	(ug/L)	1.0	1
1,2-Dichloropropane	ND	(ug/L)	1.0	1
1,3-Dichloropropane	ND	(ug/L)	1.0	1
2,2-Dichloropropane	ND	(ug/L)	1.0	1

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client: QA/QC
Sample ID: Laboratory Blank

Laboratory Number: 06-19 VOA

Parameter	Concentration (ug/L)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/L)	1.0	1
Hexachlorobutadiene	ND	(ug/L)	1.0	1
Isopropylbenzene	ND	(ug/L)	1.0	1
4-Isopropyltoluene	ND	(ug/L)	1.0	1
Methylene Chloride	ND	(ug/L)	1.0	1
n-Butylbenzene	ND	(ug/L)	1.0	1
n-Propylbenzene	ND	(ug/L)	1.0	1
sec-Butylbenzene	ND	(ug/L)	1.0	1
Styrene	ND	(ug/L)	1.0	1
tert-Butylbenzene	ND	(ug/L)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/L)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/L)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/L)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/L)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/L)	1.0	1
Trichloroethene (TCE)	ND	(ug/L)	1.0	1
Trichlorofluoromethane	ND	(ug/L)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/L)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/L)	1.0	1
1,1,1-Trichloroethane	ND	(ug/L)	1.0	1
1,1,2-Trichloroethane	ND	(ug/L)	1.0	1
1,2,3-Trichloropropane	ND	(ug/L)	2.0	1
Vinyl Chloride	ND	(ug/L)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	91.1	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	96.2	% Recovery	74.6-123	1
Toluene-d8	93.9	% Recovery	84.2-115	1
4-Bromofluorobenzene	96.2	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **QA/QC for Samples 45921 - 45925.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Daily Calibration Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Daily Calibration	Date Reported:	06-24-08
Laboratory Number:	06-19 QA/QC	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-19-08
Condition:	N/A	Analysis Requested:	8260 VOC

Parameter	Concentration (ug/L)	Result	% Recovered	% Recovery Limits
Benzene	100	108	108	80 - 120
Toluene	100	88.6	88.6	80 - 120
Ethylbenzene	100	97.8	97.8	80 - 120
Xylenes, Total	100	101	101	80 - 120
Methyl tert-butyl ether (MTBE)	100	99.5	99.5	80 - 120
1,2,4-Trimethylbenzene	100	83.6	83.6	80 - 120
1,3,5-Trimethylbenzene	100	90.4	90.4	80 - 120
1,2-Dichloroethane (EDC)	100	110	110	80 - 120
1,2-Dibromoethane (EDB)	100	112	112	80 - 120
Naphthalene	100	105	105	80 - 120
1-Methylnaphthalene	100	88.2	88.2	80 - 120
2-Methylnaphthalene	100	90.5	90.5	80 - 120
Bromobenzene	100	93.9	93.9	80 - 120
Bromochloromethane	100	120	120	80 - 120
Bromodichloromethane	100	109	109	80 - 120
Bromoform	100	118	118	80 - 120
Bromomethane	100	94.6	94.6	80 - 120
Carbon Tetrachloride	100	113	113	80 - 120
Chlorobenzene	100	95.8	95.8	80 - 120
Chloroethane	100	82.3	82.3	80 - 120
Chloroform	100	104	104	80 - 120
Chloromethane	100	96.2	96.2	80 - 120
2-Chlorotoluene	100	87.7	87.7	80 - 120
4-Chlorotoluene	100	104	104	80 - 120
cis-1,2-Dichloroethene	100	101	101	80 - 120
cis-1,3-Dichloropropene	100	109	109	80 - 120
1,2-Dibromo-3-chloropropane	100	113	113	80 - 120
Dibromochloromethane	100	113	113	80 - 120
Dibromoethane	100	106	106	80 - 120
1,2-Dichlorobenzene	100	88.1	88.1	80 - 120
1,3-Dichlorobenzene	100	81.2	81.2	80 - 120
1,4-Dichlorobenzene	100	88.3	88.3	80 - 120
Dichlorodifluoromethane	100	99.1	99.1	80 - 120
1,1-Dichloroethane	100	100	100	80 - 120
1,1-Dichloroethene	100	93.4	93.4	80 - 120
1,2-Dichloropropane	100	106	106	80 - 120
1,3-Dichloropropane	100	115	115	80 - 120
2,2-Dichloropropane	100	110	110	80 - 120

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client: QA/QC
Sample ID: Daily Calibration
Laboratory Number: 06-19 QA/QC

Parameter	Concentration (ug/L)	Result	% Recovered	% Recovery Limits
1,1-Dichloropropene	100	114	114	80 - 120
Hexachlorobutadiene	100	95.2	95.2	80 - 120
Isopropylbenzene	100	99.1	99.1	80 - 120
4-Isopropyltoluene	100	89.1	89.1	80 - 120
Methylene Chloride	100	105	105	80 - 120
n-Butylbenzene	100	82.9	82.9	80 - 120
n-Propylbenzene	100	92.6	92.6	80 - 120
sec-Butylbenzene	100	94.1	94.1	80 - 120
Styrene	100	88.9	88.9	80 - 120
tert-Butylbenzene	100	95.9	95.9	80 - 120
Tetrachloroethene (PCE)	100	106	106	80 - 120
1,1,1,2-Tetrachloroethane	100	112	112	80 - 120
1,1,2,2-Tetrachloroethane	100	104	104	80 - 120
trans-1,2-Dichloroethene	100	95.4	95.4	80 - 120
trans-1,3-Dichloropropene	100	111	111	80 - 120
Trichloroethene (TCE)	100	112	112	80 - 120
Trichlorofluoromethane	100	93.0	93.0	80 - 120
1,2,3-Trichlorobenzene	100	101	101	80 - 120
1,2,4-Trichlorobenzene	100	101	101	80 - 120
1,1,1-Trichloroethane	100	113	113	80 - 120
1,1,2-Trichloroethane	100	99.4	99.4	80 - 120
1,2,3-Trichloropropane	100	108	108	80 - 120
Vinyl Chloride	100	93.3	93.3	80 - 120

Surrogates:			Rec. Limits
Dibromofluoromethane	114	% Recovery	78.6-115
1,2-Dichloroethane-d4	118	% Recovery	74.6-123
Toluene-d8	88.8	% Recovery	84.2-115
4-Bromofluorobenzene	89.8	% Recovery	78.6-115

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **QA/QC for Samples 45921 - 45925.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spikes	Date Reported:	06-24-08
Laboratory Number:	06-19-VOA - 45921	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-19-08
Condition:	N/A	Analysis Requested:	8260 VOC

Spike	Units: ug/Kg				Recovery	Det.
Analyte	Sample	Added	Result	%Recovery	Limits	Limit
Benzene	ND	100.0	91.6	91.6%	85.3 - 120	1.0
Toluene	ND	100.0	97.0	97.0%	73 - 123	1.0
Chlorobenzene	ND	100.0	92.3	92.3%	84.7 - 119	1.0
1,1-Dichloroethene	ND	100.0	99.5	99.5%	83.4 - 122	1.0
Trichloroethene (TCE)	ND	100.0	98.5	98.5%	76.1 - 126	1.0

Spike Duplicate	Units: ug/Kg				Recovery	Det.
Analyte	Sample	Added	Result	%Recovery	Limits	Limit
Benzene	ND	100.0	93.5	93.5%	85.3 - 120	1.0
Toluene	ND	100.0	98.5	99%	73 - 123	1.0
Chlorobenzene	ND	100.0	119	119%	84.7 - 119	1.0
1,1-Dichloroethene	ND	100.0	92.9	92.9%	83.4 - 122	1.0
Trichloroethene (TCE)	ND	100.0	91.5	92%	76.1 - 126	1.0

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **QA/QC for Samples 45921 - 45925.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NE	Date Reported:	06-27-08
Laboratory Number:	45921	Date Sampled:	05-16-08
Chain of Custody No:	4593	Date Received:	05-16-08
Sample Matrix:	Soil	Date Extracted:	05-19-08
Preservative:	Cool	Date Analyzed:	05-23-08
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**74.3**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NW	Date Reported:	06-27-08
Laboratory Number:	45922	Date Sampled:	05-16-08
Chain of Custody No:	4593	Date Received:	05-16-08
Sample Matrix:	Soil	Date Extracted:	05-19-08
Preservative:	Cool	Date Analyzed:	05-23-08
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**18.5**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SE	Date Reported:	06-27-08
Laboratory Number:	45923	Date Sampled:	05-16-08
Chain of Custody No:	4593	Date Received:	05-16-08
Sample Matrix:	Soil	Date Extracted:	05-19-08
Preservative:	Cool	Date Analyzed:	05-23-08
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**17.2**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SW	Date Reported:	06-27-08
Laboratory Number:	45924	Date Sampled:	05-16-08
Chain of Custody No:	4593	Date Received:	05-16-08
Sample Matrix:	Soil	Date Extracted:	05-19-08
Preservative:	Cool	Date Analyzed:	05-23-08
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**15.8**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	GWC Chevron	Project #:	92270-0204
Sample ID:	~~SW~~ Background	Date Reported:	06-27-08
Laboratory Number:	45925	Date Sampled:	05-16-08
Chain of Custody No:	4593	Date Received:	05-16-08
Sample Matrix:	Soil	Date Extracted:	05-19-08
Preservative:	Cool	Date Analyzed:	05-23-08
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**15.8**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **La Plata Pond.**

Analyst

Review

* Sample ID was not changed for final report See next page for justification on changing name based on Sample #

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Method 418.1 Analysis Log
Total Petroleum Hydrocarbon

Date 6/23/08 Analyst WB

No.	Sample #	Sample Wt. (g)	Vol. Freon	Dilution	Abs. Read	PPM TPH
	45921	5.00	20.0 ml	1	.011	74.3
	45921 DUP	5.00		1	.012	81.1
	45921 SPK	5.00		1	.320	2160
	45922	5.00		1	.002	18.5
	45923	5.00		1	.0018	17.2
	45924	5.00		1	.0016	15.8
	45925	5.00		1	.0016	15.8
	45952	5.00		1	.0166	112
	45953	5.00		1	.0128	86.5
	45954	5.00		1	.028	1.89
	45955	5.00		1	.010	67.5
	46007	5.00		1	.490	
	Blank			1	.0003	

Infrared Spectrophotometer Calibration

New Freon ✓

Redistilled Freon _____ Distillation Date _____

Date Standards Prepared 3/08

Standard Concentration mg/L	Absorbance
100	
200	
500	
1000	.315

If Calibration is C-Cal. Date of the I-Cal that I-Cal Response Factor Refers To:

I-CAL Date _____

I-CAL RF: _____ C-CAL RF: _____

RSD: _____ % % Difference _____ %

QA/QC Acceptance Criteria: I-Cal RSD +/- 20% C-Cal Difference +/- 10%

96 U.S. Highway 64-3014 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	06-27-08
Laboratory Number:	06-23-TPH.QA/QC 45921	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-23-08
Preservative:	N/A	Date Extracted:	06-19-08
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	02-18-08	06-23-08	1,689	1,587	6.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	5.0

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	74.3	81.1	9.2%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	74.3	2,000	2,160	104%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **QA/QC for Samples 45921 - 45925, 45952 - 45955 and 46007.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NE	Date Reported:	06-30-08
Laboratory Number:	45921	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-20-08
Preservative:	Cool	Date Digested:	06-19-08
Condition:	Cool & Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Arsenic	**0.022**	**0.001**
Barium	**18.7**	**0.001**
Cadmium	**0.007**	**0.001**
Chromium	**0.693**	**0.001**
Copper	**0.201**	**0.001**
Iron	**33.8**	**0.001**
Lead	**0.220**	**0.001**
Manganese	**0.889**	**0.001**
Mercury	**0.001**	**0.001**
Selenium	**0.022**	**0.001**
Silver	**ND**	**0.001**
Zinc	**1.01**	**0.001**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NW	Date Reported:	06-30-08
Laboratory Number:	45922	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-20-08
Preservative:	Cool	Date Digested:	06-19-08
Condition:	Cool & Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Arsenic	**0.022**	**0.001**
Barium	**18.3**	**0.001**
Cadmium	**0.023**	**0.001**
Chromium	**0.785**	**0.001**
Copper	**1.90**	**0.001**
Iron	**30.3**	**0.001**
Lead	**0.225**	**0.001**
Manganese	**0.863**	**0.001**
Mercury	**ND**	**0.001**
Selenium	**ND**	**0.001**
Silver	**ND**	**0.001**
Zinc	**1.23**	**0.001**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SE	Date Reported:	06-30-08
Laboratory Number:	45923	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-20-08
Preservative:	Cool	Date Digested:	06-19-08
Condition:	Cool & Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Arsenic	**0.026**	**0.001**
Barium	**21.6**	**0.001**
Cadmium	**0.010**	**0.001**
Chromium	**0.767**	**0.001**
Copper	**1.71**	**0.001**
Iron	**32.9**	**0.001**
Lead	**0.224**	**0.001**
Manganese	**1.01**	**0.001**
Mercury	**ND**	**0.001**
Selenium	**ND**	**0.001**
Silver	**ND**	**0.001**
Zinc	**1.13**	**0.001**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SW	Date Reported:	06-30-08
Laboratory Number:	45924	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-20-08
Preservative:	Cool	Date Digested:	06-19-08
Condition:	Cool & Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Arsenic	**ND**	**0.001**
Barium	**18.4**	**0.001**
Cadmium	**0.008**	**0.001**
Chromium	**0.728**	**0.001**
Copper	**1.68**	**0.001**
Iron	**32.9**	**0.001**
Lead	**0.226**	**0.001**
Manganese	**0.823**	**0.001**
Mercury	**ND**	**0.001**
Selenium	**ND**	**0.001**
Silver	**ND**	**0.001**
Zinc	**1.05**	**0.001**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Chevron	Project #:	92270-0204
Sample ID:	Background	Date Reported:	06-30-08
Laboratory Number:	45925	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Analyzed:	06-20-08
Preservative:	Cool	Date Digested:	06-19-08
Condition:	Cool & Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Arsenic	**ND**	**0.001**
Barium	**17.4**	**0.001**
Cadmium	**0.008**	**0.001**
Chromium	**1.306**	**0.001**
Copper	**1.82**	**0.001**
Iron	**19.3**	**0.001**
Lead	**0.263**	**0.001**
Manganese	**0.949**	**0.001**
Mercury	**ND**	**0.001**
Selenium	**ND**	**0.001**
Silver	**ND**	**0.001**
Zinc	**1.10**	**0.001**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-20-TM QA/QC	Date Reported:	06-30-08
Laboratory Number:	45921	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	06-20-08
Condition:	N/A	Date Digested:	06-19-08

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.022	0.020	8.1%	0% - 30%
Barium	ND	ND	0.001	18.7	17.9	4.4%	0% - 30%
Cadmium	ND	ND	0.001	0.007	0.006	6.2%	0% - 30%
Chromium	ND	ND	0.001	0.693	0.683	1.5%	0% - 30%
Copper	ND	ND	0.001	2.01	2.00	0.3%	0% - 30%
Iron	ND	ND	0.001	33.8	33.8	0.0%	0% - 30%
Lead	ND	ND	0.001	0.220	0.220	0.0%	0% - 30%
Manganese	ND	ND	0.001	0.889	0.890	0.1%	0% - 30%
Mercury	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.022	0.021	1.4%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Zinc	ND	ND	0.001	1.01	1.11	9.9%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.250	0.022	0.285	105%	80% - 120%
Barium	0.500	18.7	19.5	101%	80% - 120%
Cadmium	0.250	0.007	0.258	100.5%	80% - 120%
Chromium	0.500	0.693	1.20	101%	80% - 120%
Copper	0.500	2.007	2.61	104%	80% - 120%
Iron	0.500	33.8	35.2	103%	80% - 120%
Lead	0.100	0.220	0.361	113%	80% - 120%
Manganese	0.500	0.889	1.49	107%	80% - 120%
Mercury	0.100	0.001	0.105	104%	80% - 120%
Selenium	0.100	0.022	0.135	111%	80% - 120%
Silver	0.100	ND	0.096	96.0%	80% - 120%
Zinc	0.500	1.01	1.65	109%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 45921- 45925.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Water Analysis

Client:	Chevron	Project #:	92270-0204
Sample ID:	NE	Date Reported:	06-24-08
Laboratory Number:	45921	Date Sampled:	06-16-08
Sample Matrix:	Soil Extract	Date Received:	06-16-08
Preservative:	Cool	Date Analyzed:	06-20-08
Condition:	Cool & Intact	Chain of Custody:	4593

Parameter	Analytical Result	Units
pH	8.08	su
Total Dissolved Solids @ 180C	950	mg/L
Nitrate Nitrogen	1.7	mg/L
Cyanide	<0.1	mg/L
Fluoride	5.70	mg/L
Chloride	65.0	mg/L
Sulfate	322	mg/L

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Water Analysis

Client:	Chevron	Project #:	92270-0204
Sample ID:	NW	Date Reported:	06-24-08
Laboratory Number:	45922	Date Sampled:	06-16-08
Sample Matrix:	Soil Extract	Date Received:	06-16-08
Preservative:	Cool	Date Analyzed:	06-20-08
Condition:	Cool & Intact	Chain of Custody:	4593

Parameter	Analytical Result	Units
pH	8.84	su
Total Dissolved Solids @ 180C	710	mg/L
Nitrate Nitrogen	0.5	mg/L
Cyanide	<0.1	mg/L
Fluoride	4.22	mg/L
Chloride	73.0	mg/L
Sulfate	273	mg/L

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Water Analysis

Client:	Chevron	Project #:	92270-0204
Sample ID:	SE	Date Reported:	06-24-08
Laboratory Number:	45923	Date Sampled:	06-16-08
Sample Matrix:	Soil Extract	Date Received:	06-16-08
Preservative:	Cool	Date Analyzed:	06-20-08
Condition:	Cool & Intact	Chain of Custody:	4593

Parameter	Analytical Result	Units
pH	8.37	su
Total Dissolved Solids @ 180C	1,060	mg/L
Nitrate Nitrogen	2.2	mg/L
Cyanide	<0.1	mg/L
Fluoride	3.78	mg/L
Chloride	82.0	mg/L
Sulfate	345	mg/L

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Water Analysis

Client:	Chevron	Project #:	92270-0204
Sample ID:	SW	Date Reported:	06-24-08
Laboratory Number:	45924	Date Sampled:	06-16-08
Sample Matrix:	Soil Extract	Date Received:	06-16-08
Preservative:	Cool	Date Analyzed:	06-20-08
Condition:	Cool & Intact	Chain of Custody:	4593

Parameter	Analytical Result	Units
pH	8.26	su
Total Dissolved Solids @ 180C	1,130	mg/L
Nitrate Nitrogen	1.3	mg/L
Cyanide	<0.1	mg/L
Fluoride	5.60	mg/L
Chloride	73.0	mg/L
Sulfate	341	mg/L

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Water Analysis

Client:	Chevron	Project #:	92270-0204
Sample ID:	Background	Date Reported:	06-24-08
Laboratory Number:	45925	Date Sampled:	06-16-08
Sample Matrix:	Soil Extract	Date Received:	06-16-08
Preservative:	Cool	Date Analyzed:	06-20-08
Condition:	Cool & Intact	Chain of Custody:	4593

Parameter	Analytical Result	Units
pH	7.88	su
Total Dissolved Solids @ 180C	1,310	mg/L
Nitrate Nitrogen	3.5	mg/L
Cyanide	<0.1	mg/L
Fluoride	<0.1	mg/L
Chloride	15.0	mg/L
Sulfate	<0.1	mg/L

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8270
PHENOLS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NE	Date Reported:	07-10-08
Laboratory Number:	45921	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Extracted:	06-25-08
Preservative:	Cool	Date Analyzed:	07-07-08
Condition:	Intact	Analysis Requested:	Phenols

Parameter	Concentration (mg/Kg)	Detection Limit (mg/Kg)	Regulatory Limit (mg/Kg)
o-Cresol	ND	0.005	200
p,m-Cresol	ND	0.005	200
2,4,6-Trichlorophenol	ND	0.005	2.0
2,4,5-Trichlorophenol	ND	0.005	400
Pentachlorophenol	ND	0.005	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98.0%
	2,4,6-Tribromophenol	97.0%

References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8270, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8270
PHENOLS

Client:	Chevron	Project #:	92270-0204
Sample ID:	NW	Date Reported:	07-10-08
Laboratory Number:	45922	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Extracted:	06-25-08
Preservative:	Cool	Date Analyzed:	07-07-08
Condition:	Intact	Analysis Requested:	Phenols

Parameter	Concentration (mg/Kg)	Detection Limit (mg/Kg)	Regulatory Limit (mg/Kg)
o-Cresol	ND	0.005	200
p,m-Cresol	ND	0.005	200
2,4,6-Trichlorophenol	ND	0.005	2.0
2,4,5-Trichlorophenol	ND	0.005	400
Pentachlorophenol	ND	0.005	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98.0%
	2,4,6-Tribromophenol	97.0%

References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8270, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8270
PHENOLS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SE	Date Reported:	07-10-08
Laboratory Number:	45923	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Extracted:	06-25-08
Preservative:	Cool	Date Analyzed:	07-07-08
Condition:	Intact	Analysis Requested:	Phenols

Parameter	Concentration (mg/Kg)	Detection Limit (mg/Kg)	Regulatory Limit (mg/Kg)
o-Cresol	ND	0.005	200
p,m-Cresol	ND	0.005	200
2,4,6-Trichlorophenol	ND	0.005	2.0
2,4,5-Trichlorophenol	ND	0.005	400
Pentachlorophenol	ND	0.005	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98.0%
	2,4,6-Tribromophenol	97.0%

References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8270, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8270
PHENOLS

Client:	Chevron	Project #:	92270-0204
Sample ID:	SW	Date Reported:	07-10-08
Laboratory Number:	45924	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Extracted:	06-25-08
Preservative:	Cool	Date Analyzed:	07-07-08
Condition:	Intact	Analysis Requested:	Phenols

Parameter	Concentration (mg/Kg)	Detection Limit (mg/Kg)	Regulatory Limit (mg/Kg)
o-Cresol	ND	0.005	200
p,m-Cresol	ND	0.005	200
2,4,6-Trichlorophenol	ND	0.005	2.0
2,4,5-Trichlorophenol	ND	0.005	400
Pentachlorophenol	ND	0.005	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98.0%
	2,4,6-Tribromophenol	97.0%

References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8270, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8270
PHENOLS

Client:	Chevron	Project #:	92270-0204
Sample ID:	Background	Date Reported:	07-10-08
Laboratory Number:	45925	Date Sampled:	06-16-08
Chain of Custody:	4593	Date Received:	06-16-08
Sample Matrix:	Soil	Date Extracted:	06-25-08
Preservative:	Cool	Date Analyzed:	07-07-08
Condition:	Intact	Analysis Requested:	Phenols

Parameter	Concentration (mg/Kg)	Detection Limit (mg/Kg)	Regulatory Limit (mg/Kg)
o-Cresol	ND	0.005	200
p,m-Cresol	ND	0.005	200
2,4,6-Trichlorophenol	ND	0.005	2.0
2,4,5-Trichlorophenol	ND	0.005	400
Pentachlorophenol	ND	0.005	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98.0%
	2,4,6-Tribromophenol	97.0%

References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8270, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **La Plata Pond.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8270
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-07-TCA QA/QC -	Date Reported:	07-10-08
Laboratory Number:	45921	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-07-08
Condition:	N/A	Analysis Requested:	Phenols

Blanks & Duplicate Conc (mg/Kg)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
o-Cresol	ND	ND	0.005	ND	ND	0.0%
p,m-Cresol	ND	ND	0.005	ND	ND	0.0%
2,4,6-Trichlorophenol	ND	ND	0.005	ND	ND	0.0%
2,4,5-Trichlorophenol	ND	ND	0.005	ND	ND	0.0%
Pentachlorophenol	ND	ND	0.005	ND	ND	0.0%

ND - Parameter not detected at the stated detection limit.

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8041, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for Sample 45921 - 45925.**

Analyst

Review

796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN OF CUSTODY RECORD

4593

Client: CHEVRON	Project Name / Location: LA PLATA POND
Client Address:	Sampler Name: N. HAYWORTH
Client Phone No.:	Client No.: 92270-0204

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	Preservative Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA ~~8 Metals~~ 12 see list	Cation / Anion see list	RCI	TCLP with H/P	PAH 8310	TPH (418.1)	Cyanide	~~Phenols~~	~~PCB~~ Phenols	Uranium	Radium	PCB	Sample Cool	Sample Intact
NE	06/16		45921	SOIL	3			✓		✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	SEE ✓	✓
NW			45922		3			✓		✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	LIST ✓	✓
SE			45923		3			✓		✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	FOR ✓ ALL	✓
SW			45924		3			✓		✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	PARA- ✓	✓
BACKGROUND			45925		3			✓		✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓ METERS	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nicol Hayward	06/16/08	1653	Christine M Walters	6/16/08	1653
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

san juan reproduction 578-129

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-08*

CLIENT:	Envirotech	**Client Sample ID:**	45921/NE
Lab Order:	0806294	**Collection Date:**	6/16/2008
Project:	Chevron	**Date Received:**	6/19/2008
Lab ID:	0806294-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8082: PCB'S						Analyst: JAT
Aroclor 1016	ND	0.020		mg/Kg	1	7/2/2008 4:17:21 PM
Aroclor 1221	ND	0.020		mg/Kg	1	7/2/2008 4:17:21 PM
Aroclor 1232	ND	0.020		mg/Kg	1	7/2/2008 4:17:21 PM
Aroclor 1242	ND	0.020		mg/Kg	1	7/2/2008 4:17:21 PM
Aroclor 1248	ND	0.020		mg/Kg	1	7/2/2008 4:17:21 PM
Aroclor 1254	ND	0.020		mg/Kg	1	7/2/2008 4:17:21 PM
Aroclor 1260	ND	0.020		mg/Kg	1	7/2/2008 4:17:21 PM
Surr: Decachlorobiphenyl	44.4	15.8-133		%REC	1	7/2/2008 4:17:21 PM
EPA METHOD 8310: PAHS						Analyst: DMF
Naphthalene	ND	0.25		mg/Kg	1	7/1/2008 6:13:32 AM
1-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 6:13:32 AM
2-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 6:13:32 AM
Acenaphthylene	ND	0.25		mg/Kg	1	7/1/2008 6:13:32 AM
Acenaphthene	ND	0.25		mg/Kg	1	7/1/2008 6:13:32 AM
Fluorene	ND	0.030		mg/Kg	1	7/1/2008 6:13:32 AM
Phenanthrene	ND	0.015		mg/Kg	1	7/1/2008 6:13:32 AM
Anthracene	ND	0.015		mg/Kg	1	7/1/2008 6:13:32 AM
Fluoranthene	ND	0.020		mg/Kg	1	7/1/2008 6:13:32 AM
Pyrene	ND	0.025		mg/Kg	1	7/1/2008 6:13:32 AM
Benz(a)anthracene	ND	0.010		mg/Kg	1	7/1/2008 6:13:32 AM
Chrysene	ND	0.011		mg/Kg	1	7/1/2008 6:13:32 AM
Benzo(b)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 6:13:32 AM
Benzo(k)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 6:13:32 AM
Benzo(a)pyrene	ND	0.010		mg/Kg	1	7/1/2008 6:13:32 AM
Dibenz(a,h)anthracene	ND	0.010		mg/Kg	1	7/1/2008 6:13:32 AM
Benzo(g,h,i)perylene	ND	0.010		mg/Kg	1	7/1/2008 6:13:32 AM
Indeno(1,2,3-cd)pyrene	ND	0.10		mg/Kg	1	7/1/2008 6:13:32 AM
Surr: Benzo(e)pyrene	70.5	40.7-93.1		%REC	1	7/1/2008 6:13:32 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-08*

CLIENT:	Envirotech	**Client Sample ID:**	45922/NW
Lab Order:	0806294	**Collection Date:**	6/16/2008
Project:	Chevron	**Date Received:**	6/19/2008
Lab ID:	0806294-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8082: PCB'S						Analyst: JAT
Aroclor 1016	ND	0.020		mg/Kg	1	7/3/2008 7:06:34 AM
Aroclor 1221	ND	0.020		mg/Kg	1	7/3/2008 7:06:34 AM
Aroclor 1232	ND	0.020		mg/Kg	1	7/3/2008 7:06:34 AM
Aroclor 1242	ND	0.020		mg/Kg	1	7/3/2008 7:06:34 AM
Aroclor 1248	ND	0.020		mg/Kg	1	7/3/2008 7:06:34 AM
Aroclor 1254	ND	0.020		mg/Kg	1	7/3/2008 7:06:34 AM
Aroclor 1260	ND	0.020		mg/Kg	1	7/3/2008 7:06:34 AM
Surr: Decachlorobiphenyl	39.2	15.8-133		%REC	1	7/3/2008 7:06:34 AM
EPA METHOD 8310: PAHS						Analyst: DMF
Naphthalene	ND	0.25		mg/Kg	1	7/1/2008 7:01:32 AM
1-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 7:01:32 AM
2-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 7:01:32 AM
Acenaphthylene	ND	0.25		mg/Kg	1	7/1/2008 7:01:32 AM
Acenaphthene	ND	0.25		mg/Kg	1	7/1/2008 7:01:32 AM
Fluorene	ND	0.030		mg/Kg	1	7/1/2008 7:01:32 AM
Phenanthrene	ND	0.015		mg/Kg	1	7/1/2008 7:01:32 AM
Anthracene	ND	0.015		mg/Kg	1	7/1/2008 7:01:32 AM
Fluoranthene	ND	0.020		mg/Kg	1	7/1/2008 7:01:32 AM
Pyrene	ND	0.025		mg/Kg	1	7/1/2008 7:01:32 AM
Benz(a)anthracene	ND	0.010		mg/Kg	1	7/1/2008 7:01:32 AM
Chrysene	ND	0.011		mg/Kg	1	7/1/2008 7:01:32 AM
Benzo(b)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 7:01:32 AM
Benzo(k)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 7:01:32 AM
Benzo(a)pyrene	ND	0.010		mg/Kg	1	7/1/2008 7:01:32 AM
Dibenz(a,h)anthracene	ND	0.010		mg/Kg	1	7/1/2008 7:01:32 AM
Benzo(g,h,i)perylene	ND	0.010		mg/Kg	1	7/1/2008 7:01:32 AM
Indeno(1,2,3-cd)pyrene	ND	0.10		mg/Kg	1	7/1/2008 7:01:32 AM
Surr: Benzo(e)pyrene	59.0	40.7-93.1		%REC	1	7/1/2008 7:01:32 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-08*

CLIENT:	Envirotech	**Client Sample ID:**	45923/SE
Lab Order:	0806294	**Collection Date:**	6/16/2008
Project:	Chevron	**Date Received:**	6/19/2008
Lab ID:	0806294-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8082: PCB'S						Analyst: JAT
Aroclor 1016	ND	0.020		mg/Kg	1	7/3/2008 7:55:39 AM
Aroclor 1221	ND	0.020		mg/Kg	1	7/3/2008 7:55:39 AM
Aroclor 1232	ND	0.020		mg/Kg	1	7/3/2008 7:55:39 AM
Aroclor 1242	ND	0.020		mg/Kg	1	7/3/2008 7:55:39 AM
Aroclor 1248	ND	0.020		mg/Kg	1	7/3/2008 7:55:39 AM
Aroclor 1254	ND	0.020		mg/Kg	1	7/3/2008 7:55:39 AM
Aroclor 1260	ND	0.020		mg/Kg	1	7/3/2008 7:55:39 AM
Surr: Decachlorobiphenyl	55.2	15.8-133		%REC	1	7/3/2008 7:55:39 AM
EPA METHOD 8310: PAHS						Analyst: DMF
Naphthalene	ND	0.25		mg/Kg	1	7/1/2008 7:49:34 AM
1-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 7:49:34 AM
2-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 7:49:34 AM
Acenaphthylene	ND	0.25		mg/Kg	1	7/1/2008 7:49:34 AM
Acenaphthene	ND	0.25		mg/Kg	1	7/1/2008 7:49:34 AM
Fluorene	ND	0.030		mg/Kg	1	7/1/2008 7:49:34 AM
Phenanthrene	ND	0.015		mg/Kg	1	7/1/2008 7:49:34 AM
Anthracene	ND	0.015		mg/Kg	1	7/1/2008 7:49:34 AM
Fluoranthene	ND	0.020		mg/Kg	1	7/1/2008 7:49:34 AM
Pyrene	ND	0.025		mg/Kg	1	7/1/2008 7:49:34 AM
Benz(a)anthracene	ND	0.010		mg/Kg	1	7/1/2008 7:49:34 AM
Chrysene	ND	0.011		mg/Kg	1	7/1/2008 7:49:34 AM
Benzo(b)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 7:49:34 AM
Benzo(k)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 7:49:34 AM
Benzo(a)pyrene	ND	0.010		mg/Kg	1	7/1/2008 7:49:34 AM
Dibenz(a,h)anthracene	ND	0.010		mg/Kg	1	7/1/2008 7:49:34 AM
Benzo(g,h,i)perylene	ND	0.010		mg/Kg	1	7/1/2008 7:49:34 AM
Indeno(1,2,3-cd)pyrene	ND	0.10		mg/Kg	1	7/1/2008 7:49:34 AM
Surr: Benzo(e)pyrene	63.4	40.7-93.1		%REC	1	7/1/2008 7:49:34 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-08*

CLIENT:	Envirotech	**Client Sample ID:**	45924/SW
Lab Order:	0806294	**Collection Date:**	6/16/2008
Project:	Chevron	**Date Received:**	6/19/2008
Lab ID:	0806294-04	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8082: PCB'S						Analyst: JAT
Aroclor 1016	ND	0.020		mg/Kg	1	7/3/2008 8:45:35 AM
Aroclor 1221	ND	0.020		mg/Kg	1	7/3/2008 8:45:35 AM
Aroclor 1232	ND	0.020		mg/Kg	1	7/3/2008 8:45:35 AM
Aroclor 1242	ND	0.020		mg/Kg	1	7/3/2008 8:45:35 AM
Aroclor 1248	ND	0.020		mg/Kg	1	7/3/2008 8:45:35 AM
Aroclor 1254	ND	0.020		mg/Kg	1	7/3/2008 8:45:35 AM
Aroclor 1260	ND	0.020		mg/Kg	1	7/3/2008 8:45:35 AM
Surr: Decachlorobiphenyl	63.2	15.8-133		%REC	1	7/3/2008 8:45:35 AM
EPA METHOD 8310: PAHS						Analyst: DMF
Naphthalene	ND	0.25		mg/Kg	1	7/1/2008 8:37:35 AM
1-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 8:37:35 AM
2-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 8:37:35 AM
Acenaphthylene	ND	0.25		mg/Kg	1	7/1/2008 8:37:35 AM
Acenaphthene	ND	0.25		mg/Kg	1	7/1/2008 8:37:35 AM
Fluorene	ND	0.030		mg/Kg	1	7/1/2008 8:37:35 AM
Phenanthrene	ND	0.015		mg/Kg	1	7/1/2008 8:37:35 AM
Anthracene	ND	0.015		mg/Kg	1	7/1/2008 8:37:35 AM
Fluoranthene	ND	0.020		mg/Kg	1	7/1/2008 8:37:35 AM
Pyrene	ND	0.025		mg/Kg	1	7/1/2008 8:37:35 AM
Benz(a)anthracene	ND	0.010		mg/Kg	1	7/1/2008 8:37:35 AM
Chrysene	ND	0.011		mg/Kg	1	7/1/2008 8:37:35 AM
Benzo(b)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 8:37:35 AM
Benzo(k)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 8:37:35 AM
Benzo(a)pyrene	ND	0.010		mg/Kg	1	7/1/2008 8:37:35 AM
Dibenz(a,h)anthracene	ND	0.010		mg/Kg	1	7/1/2008 8:37:35 AM
Benzo(g,h,i)perylene	ND	0.010		mg/Kg	1	7/1/2008 8:37:35 AM
Indeno(1,2,3-cd)pyrene	ND	0.10		mg/Kg	1	7/1/2008 8:37:35 AM
Surr: Benzo(e)pyrene	51.6	40.7-93.1		%REC	1	7/1/2008 8:37:35 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-08*

CLIENT:	Envirotech	**Client Sample ID:**	45925/Background
Lab Order:	0806294	**Collection Date:**	6/16/2008
Project:	Chevron	**Date Received:**	6/19/2008
Lab ID:	0806294-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8082: PCB'S						Analyst: JAT
Aroclor 1016	ND	0.020		mg/Kg	1	7/3/2008 9:34:44 AM
Aroclor 1221	ND	0.020		mg/Kg	1	7/3/2008 9:34:44 AM
Aroclor 1232	ND	0.020		mg/Kg	1	7/3/2008 9:34:44 AM
Aroclor 1242	ND	0.020		mg/Kg	1	7/3/2008 9:34:44 AM
Aroclor 1248	ND	0.020		mg/Kg	1	7/3/2008 9:34:44 AM
Aroclor 1254	ND	0.020		mg/Kg	1	7/3/2008 9:34:44 AM
Aroclor 1260	ND	0.020		mg/Kg	1	7/3/2008 9:34:44 AM
Surr: Decachlorobiphenyl	76.2	15.8-133		%REC	1	7/3/2008 9:34:44 AM
EPA METHOD 8310: PAHS						Analyst: DMF
Naphthalene	ND	0.25		mg/Kg	1	7/1/2008 9:25:36 AM
1-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 9:25:36 AM
2-Methylnaphthalene	ND	0.25		mg/Kg	1	7/1/2008 9:25:36 AM
Acenaphthylene	ND	0.25		mg/Kg	1	7/1/2008 9:25:36 AM
Acenaphthene	ND	0.25		mg/Kg	1	7/1/2008 9:25:36 AM
Fluorene	ND	0.030		mg/Kg	1	7/1/2008 9:25:36 AM
Phenanthrene	ND	0.015		mg/Kg	1	7/1/2008 9:25:36 AM
Anthracene	ND	0.015		mg/Kg	1	7/1/2008 9:25:36 AM
Fluoranthene	ND	0.020		mg/Kg	1	7/1/2008 9:25:36 AM
Pyrene	ND	0.025		mg/Kg	1	7/1/2008 9:25:36 AM
Benz(a)anthracene	ND	0.010		mg/Kg	1	7/1/2008 9:25:36 AM
Chrysene	ND	0.011		mg/Kg	1	7/1/2008 9:25:36 AM
Benzo(b)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 9:25:36 AM
Benzo(k)fluoranthene	ND	0.010		mg/Kg	1	7/1/2008 9:25:36 AM
Benzo(a)pyrene	ND	0.010		mg/Kg	1	7/1/2008 9:25:36 AM
Dibenz(a,h)anthracene	ND	0.010		mg/Kg	1	7/1/2008 9:25:36 AM
Benzo(g,h,i)perylene	ND	0.010		mg/Kg	1	7/1/2008 9:25:36 AM
Indeno(1,2,3-cd)pyrene	ND	0.10		mg/Kg	1	7/1/2008 9:25:36 AM
Surr: Benzo(e)pyrene	38.6	40.7-93.1	S	%REC	1	7/2/2008 8:50:32 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

BENCHMARK ANALYTICS, INC.
4777 Saucon Creek Road
Center Valley, PA 18034-9004

PHONE (610) 974-8100
FAX (610) 974-8104

Work Order: 08063010

SEND DATA TO:

NAME: Andy Freeman
COMPANY: Hall Environmental Analysis Lab, Inc.
ADDRESS: 4901 Hawkins NE, Suite D
Albuquerque, NM 87109-4372

PHONE: (505) 345-3975
FAX: (505) 345-4107

WO#: 08063010
PAGE: 1 of 2
PO#:
PWS ID#

TEST REPORT

0806294

RECEIVED FOR LAB BY: TJM DATE: 06/20/2008 9:30

SAMPLE: 0806294-01B, 45921/NE Lab ID: 08063010-001A Grab
SAMPLED BY: Client Sample Time 06/16/2008 0:00

Test	Result	Uncert.	MDA	Units	Method	MCL	Analysis Start	Analysis End	Analyst *
Radium-226	138.2	± 11.94	47.23	pCi/Kg	EPA 903.0		06/27/08 9:05	07/08/08	BH-CV
Radium-228	284.0	± 96.98	134.6	pCi/Kg	EPA 904.0		07/11/08 8:00	07/15/08	CCA-CV

SAMPLE: 0806294-02B, 45922/NW Lab ID: 08063010-002A Grab
SAMPLED BY: Client Sample Time 06/16/2008 0:00

Test	Result	Uncert.	MDA	Units	Method	MCL	Analysis Start	Analysis End	Analyst *
Radium-226	145.8	± 12.06	47.79	pCi/Kg	EPA 903.0		06/27/08 9:05	07/08/08	BH-CV
Radium-228	153.4	± 110.2	132.4	pCi/Kg	EPA 904.0		07/11/08 8:00	07/15/08	CCA-CV

SAMPLE: 0806294-03B, 45923/SE Lab ID: 08063010-003A Grab
SAMPLED BY: Client Sample Time 06/16/2008 0:00

Test	Result	Uncert.	MDA	Units	Method	MCL	Analysis Start	Analysis End	Analyst *
Radium-226	156.5	± 12.84	44.84	pCi/Kg	EPA 903.0		06/27/08 9:05	07/08/08	BH-CV
Radium-228	93.78	± 76.42	135.2	pCi/Kg	EPA 904.0		07/11/08 8:00	07/15/08	CCA-CV

SAMPLE: 0806294-04B, 45924/SW Lab ID: 08063010-004A Grab
SAMPLED BY: Client Sample Time 06/16/2008 0:00

Test	Result	Uncert.	MDA	Units	Method	MCL	Analysis Start	Analysis End	Analyst *
Radium-226	136.6	± 11.92	46.96	pCi/Kg	EPA 903.0		06/27/08 9:05	07/08/08	BH-CV
Radium-228	393.4	± 137.9	132.5	pCi/Kg	EPA 904.0		07/11/08 8:00	07/15/08	CCA-CV

REMARKS:
The above test procedures meet all the requirements of NELAC and relate only to these samples.
* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

MANAGER Clin Mel DATE: 7/16/2008

Benchmark Analytics, Inc.

4777 Saucon Creek Road
Center Valley, PA 18034
Phone: (610) 974-8100
Fax: (610) 974-8104

Work Order: 08063010

SEND DATA TO:

NAME: Andy Freeman
COMPANY: Hall Environmental Analysis Lab, Inc.
ADDRESS: 4901 Hawkins NE, Suite D
Albuquerque, NM 87109-4372

PHONE: (505) 345-3975
FAX: (505) 345-4107

WO#: 08063010
PAGE: 1 of 1
PO#:
PWS ID#

TEST REPORT

0806294

RECEIVED FOR LAB BY: TJM DATE: 06/20/2008 9:30 Page 1 of 1

SAMPLE: 0806294-01B, 45921/NE Lab ID: 08063010-001A Grab
SAMPLED BY: Client Sample Time: 06/16/2008 0:00

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	987 µg/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV
Uranium	661 pCi/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV

SAMPLE: 0806294-02B, 45922/NW Lab ID: 08063010-002A Grab
SAMPLED BY: Client Sample Time: 06/16/2008 0:00

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	913 µg/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV
Uranium	612 pCi/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV

SAMPLE: 0806294-03B, 45923/SE Lab ID: 08063010-003A Grab
SAMPLED BY: Client Sample Time: 06/16/2008 0:00

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	906 µg/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV
Uranium	607 pCi/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV

SAMPLE: 0806294-04B, 45924/SW Lab ID: 08063010-004A Grab
SAMPLED BY: Client Sample Time: 06/16/2008 0:00

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	852 µg/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV
Uranium	571 pCi/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV

SAMPLE: 0806294-05B, 45925/Background Lab ID: 08063010-005A Grab
SAMPLED BY: Client Sample Time: 06/16/2008 0:00

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	602 µg/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV
Uranium	403 pCi/Kg	EPA 200.8		06/24/08 10:00	06/25/08	JRA-CV

REMARKS:

The above test procedures meet all the requirements of NELAC and relate only to these samples.
* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

MANAGER Clin Mel DATE: 7/16/2008

BENCHMARK ANALYTICS, INC.
4777 Saucon Creek Road
Center Valley, PA 18034-9004

PHONE (610) 974-8100
FAX (610) 974-8104

Work Order: 08063010

SEND DATA TO:

NAME: Andy Freeman
COMPANY: Hall Environmental Analysis Lab, Inc.
ADDRESS: 4901 Hawkins NE, Suite D
Albuquerque, NM 87109-4372

PHONE: (505) 345-3975
FAX: (505) 345-4107

WO#: 08063010
PAGE: 2 of 2
PO#:
PWS ID#

TEST REPORT

0806294

RECEIVED FOR LAB BY: TJM DATE: 06/20/2008 9:30

SAMPLE: 0806294-05B, 45926/Background Lab ID: 08063010-005A Grab
SAMPLED BY: Client Sample Time 06/16/2008 0:00

Test	Result	Uncert.	MDA	Units	Method	MCL	Analysis Start	Analysis End	Analyst *
Radium-226	283.5	± 16.26	46.05	pCi/Kg	EPA 903.0		06/27/08 9:05	07/08/08	BH-CV
Radium-228	336.8	± 141.1	131.7	pCi/Kg	EPA 904.0		07/11/08 8:00	07/15/08	CCA-CV

REMARKS:
The above test procedures meet all the requirements of NELAC and relate only to these samples.
* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

MANAGER Clin Mel DATE: 7/16/2008

Benchmark Analytics, Inc.

Date: *16-Jul-08*

CLIENT: Hall Environmental Analysis Lab, Inc.
Work Order: 08063010
Project: 0806294

ANALYTICAL QC SUMMARY REPORT

TestCode: RA226_903.0

Sample ID: BLANK	SampType: MBLK	TestCode: RA226_903.0	Units: pCi/L	Prep Date:	RunNo: 24702
Client ID: PBW	Batch ID: R24702	TestNo: E903.0		Analysis Date: 6/27/2008	SeqNo: 465832

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	0.02										

Sample ID: EXTR.BLANK	SampType: MBLK	TestCode: RA226_903.0	Units: pCi/L	Prep Date:	RunNo: 24702
Client ID: PBW	Batch ID: R24702	TestNo: E903.0		Analysis Date: 6/27/2008	SeqNo: 465833

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	-0.02										

Sample ID: LCS	SampType: LCS	TestCode: RA226_903.0	Units: pCi/L	Prep Date:	RunNo: 24702
Client ID: LCSW	Batch ID: R24702	TestNo: E903.0		Analysis Date: 6/27/2008	SeqNo: 465834

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	9.17		10.66	0	86.0	74	126				

Sample ID: LCS DUP1	SampType: LCSD	TestCode: RA226_903.0	Units: pCi/L	Prep Date:	RunNo: 24702
Client ID: LCSS02	Batch ID: R24702	TestNo: E903.0		Analysis Date: 6/27/2008	SeqNo: 465835

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	9.03		10.66	0	85.0	74	126		2.00	0	

Sample ID: LCS DUP2	SampType: LCSD	TestCode: RA226_903.0	Units: pCi/L	Prep Date:	RunNo: 24702
Client ID: LCSS02	Batch ID: R24702	TestNo: E903.0		Analysis Date: 6/27/2008	SeqNo: 465836

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	9.64		10.66	0	90.0	74	126		5.00	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Limit of detection increased due to matrix interference an
- E Value above quantitation range
- J Analyte reported below quantitation limits
- L Value above calibration range but within annually verifie
- LBP Lead based paint is defined as a paint with greater thar
- PHQC Sample pH was >2. Due to matrix effects, not all quality
- Q Due to matrix effects, not all quality control parameters
- R RPD outside accepted recovery limits

CLIENT: Hall Environmental Analysis Lab, Inc.
Work Order: 08063010
Project: 0806294

ANALYTICAL QC SUMMARY REPORT

TestCode: RA228_904.0

Sample ID: BLANK	SampType: MBLK	TestCode: RA228_904.0	Units: pCi/L	Prep Date:	RunNo: 25014
Client ID: PBW	Batch ID: R25014	TestNo: E904.0		Analysis Date: 7/11/2008	SeqNo: 472390

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	0.28										

Sample ID: LCS	SampType: LCS	TestCode: RA228_904.0	Units: pCi/L	Prep Date:	RunNo: 25014
Client ID: LCSW	Batch ID: R25014	TestNo: E904.0		Analysis Date: 7/11/2008	SeqNo: 472392

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	10.74		11.42	0	94.0	57	143				

10

Qualifiers:
B Analyte detected in the associated Method Blank
D Limit of detection increased due to matrix interference an
E Value above quantitation range
J Analyte reported below quantitation limits
L Value above calibration range but within annually verifie
LBP Lead based paint is defined as a paint with greater than
PHQC Sample pH was >2. Due to matrix effects, not all quality
Q Due to matrix effects, not all quality control parameters
R RPD outside accepted recovery limits

CLIENT: Hall Environmental Analysis Lab, Inc.
Work Order: 08063010
Project: 0806294

ANALYTICAL QC SUMMARY REPORT

TestCode: U_200.8

Sample ID: MBLK ES 062408 A	SampType: MBLK	TestCode: U_200.8	Units: µg/Kg	Prep Date:	RunNo: 24170
Client ID: PBW	Batch ID: ES 062408 A	TestNo: E200.8		Analysis Date: 6/24/2008	SeqNo: 455980

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	< 212	212									

Sample ID: 08063010-001A MS	SampType: MS	TestCode: U_200.8	Units: µg/Kg	Prep Date:	RunNo: 24170
Client ID: 0806294-01B, 45921/NE	Batch ID: ES 062408 A	TestNo: E200.8		Analysis Date: 6/24/2008	SeqNo: 455983

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	18900	220	17620	986.5	90.0	70	130				

Sample ID: 08063010-001A MSD	SampType: DUP	TestCode: U_200.8	Units: µg/Kg	Prep Date:	RunNo: 24170
Client ID: 0806294-01B, 45921/NE	Batch ID: ES 062408 A	TestNo: E200.8		Analysis Date: 6/24/2008	SeqNo: 455984

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	15800	206						0	0	20	X

11

Qualifiers:
B Analyte detected in the associated Method Blank
D Limit of detection increased due to matrix interference an
E Value above quantitation range
J Analyte reported below quantitation limits
L Value above calibration range but within annually verifie
LBP Lead based paint is defined as a paint with greater thar
PH(QC Sample pH was >2. Due to matrix effects, not all quality
Q Due to matrix effects, not all quality control parameters
R RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Envirotech
Project: Chevron
Work Order: 0806294

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8082: PCB's									
Sample ID: MB-16281		*MBLK*			Batch ID:	16281	Analysis Date:		7/2/2008 1:51:06 PM
Aroclor 1016	ND	mg/Kg	0.020						
Aroclor 1221	ND	mg/Kg	0.020						
Aroclor 1232	ND	mg/Kg	0.020						
Aroclor 1242	ND	mg/Kg	0.020						
Aroclor 1248	ND	mg/Kg	0.020						
Aroclor 1254	ND	mg/Kg	0.020						
Aroclor 1260	ND	mg/Kg	0.020						
Sample ID: LCS-16821		*LCS*			Batch ID:	16281	Analysis Date:		7/2/2008 2:40:10 PM
Aroclor 1221	ND	mg/Kg	0.020						
Aroclor 1232	ND	mg/Kg	0.020						
Aroclor 1242	ND	mg/Kg	0.020						
Aroclor 1248	ND	mg/Kg	0.020						
Aroclor 1254	ND	mg/Kg	0.020						
Aroclor 1260	0.06070	mg/Kg	0.020	48.6	23.7	105			
Sample ID: LCSD-16821		*LCSD*			Batch ID:	16281	Analysis Date:		7/2/2008 3:28:45 PM
Aroclor 1221	ND	mg/Kg	0.020				0	0	
Aroclor 1232	ND	mg/Kg	0.020				0	0	
Aroclor 1242	ND	mg/Kg	0.020				0	0	
Aroclor 1248	ND	mg/Kg	0.020				0	0	
Aroclor 1254	ND	mg/Kg	0.020				0	0	
Aroclor 1260	0.07145	mg/Kg	0.020	57.2	23.7	105	16.3	20	

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Envirotech
Project: Chevron
Work Order: 0806294

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs									
Sample ID: 0806294-05AMSD		*MSD*			**Batch ID:**	**16312**	**Analysis Date:**		**7/1/2008 11:01:36 AM**
Naphthalene	0.3830	mg/Kg	0.25	38.3	17.9	67.1	12.4	20	
1-Methylnaphthalene	0.4086	mg/Kg	0.25	40.9	20.7	66.4	7.65	20	
2-Methylnaphthalene	0.3978	mg/Kg	0.25	39.8	21.4	67.3	8.43	20	
Acenaphthylene	0.4149	mg/Kg	0.25	41.5	26.2	82.1	4.32	20	
Acenaphthene	0.4202	mg/Kg	0.25	42.0	25	74.4	0.770	20	
Fluorene	0.04375	mg/Kg	0.030	43.8	25.2	82	1.15	20	
Phenanthrene	0.02700	mg/Kg	0.015	44.7	25.1	93.9	0	20	
Anthracene	0.02450	mg/Kg	0.015	44.7	25.1	92.6	2.06	20	
Fluoranthene	0.04800	mg/Kg	0.020	47.9	28.5	99	1.05	20	
Pyrene	0.04300	mg/Kg	0.025	43.0	32.3	98.3	7.23	20	
Benz(a)anthracene	ND	mg/Kg	0.010	45.0	-13.8	167	0	20	
Chrysene	0.02300	mg/Kg	0.011	46.7	45.7	91.4	0	20	
Benzo(b)fluoranthene	ND	mg/Kg	0.010	56.0	42	100	0	20	
Benzo(k)fluoranthene	ND	mg/Kg	0.010	48.0	43.3	99.9	0	20	
Benzo(a)pyrene	ND	mg/Kg	0.010	55.7	46.7	101	0	20	
Dibenz(a,h)anthracene	ND	mg/Kg	0.010	40.0	50.2	97	0	20	S
Benzo(g,h,i)perylene	ND	mg/Kg	0.010	44.0	51.5	101	0	20	S
Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.10	137	23.2	158	0	20	
Sample ID: MB-16312		*MBLK*			**Batch ID:**	**16312**	**Analysis Date:**		**6/26/2008 1:56:53 AM**
Naphthalene	ND	mg/Kg	0.25						
1-Methylnaphthalene	ND	mg/Kg	0.25						
2-Methylnaphthalene	ND	mg/Kg	0.25						
Acenaphthylene	ND	mg/Kg	0.25						
Acenaphthene	ND	mg/Kg	0.25						
Fluorene	ND	mg/Kg	0.030						
Phenanthrene	ND	mg/Kg	0.015						
Anthracene	ND	mg/Kg	0.015						
Fluoranthene	ND	mg/Kg	0.020						
Pyrene	ND	mg/Kg	0.025						
Benz(a)anthracene	ND	mg/Kg	0.010						
Chrysene	ND	mg/Kg	0.011						
Benzo(b)fluoranthene	ND	mg/Kg	0.010						
Benzo(k)fluoranthene	ND	mg/Kg	0.010						
Benzo(a)pyrene	ND	mg/Kg	0.010						
Dibenz(a,h)anthracene	ND	mg/Kg	0.010						
Benzo(g,h,i)perylene	ND	mg/Kg	0.010						
Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.10						
Sample ID: LCS-16312		*LCS*			**Batch ID:**	**16312**	**Analysis Date:**		**6/26/2008 2:43:52 AM**
Naphthalene	0.7582	mg/Kg	0.25	75.6	30.1	90.4			
1-Methylnaphthalene	0.7680	mg/Kg	0.25	76.8	31.1	88.5			
2-Methylnaphthalene	0.7670	mg/Kg	0.25	76.7	32.2	89			
Acenaphthylene	0.7011	mg/Kg	0.25	70.1	29.5	94.2			
Acenaphthene	0.7748	mg/Kg	0.25	77.5	35.8	89.7			
Fluorene	0.07600	mg/Kg	0.030	76.0	36.9	90.7			

Qualifiers:

- **E** Value above quantitation range
- **H** Holding times for preparation or analysis exceeded
- **J** Analyte detected below quantitation limits
- **ND** Not Detected at the Reporting Limit
- **R** RPD outside accepted recovery limits
- **S** Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Envirotech
Project: Chevron
Work Order: 0806294

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs									
Sample ID: LCS-16312		*LCS*			**Batch ID:**	**16312**	**Analysis Date:**		**6/26/2008 2:43:52 AM**
Phenanthrene	0.03675	mg/Kg	0.015	73.1	37.2	95.3			
Anthracene	0.03775	mg/Kg	0.015	75.0	37.4	95.4			
Fluoranthene	0.08125	mg/Kg	0.020	81.0	30.4	97.8			
Pyrene	0.08125	mg/Kg	0.025	81.2	33.3	100			
Benz(a)anthracene	ND	mg/Kg	0.010	77.5	38.9	102			
Chrysene	0.03900	mg/Kg	0.011	77.5	24.2	100			
Benzo(b)fluoranthene	ND	mg/Kg	0.010	78.0	35.5	102			
Benzo(k)fluoranthene	ND	mg/Kg	0.010	76.0	30.4	101			
Benzo(a)pyrene	ND	mg/Kg	0.010	75.6	29.6	112			
Dibenz(a,h)anthracene	ND	mg/Kg	0.010	76.0	29.3	108			
Benzo(g,h,i)perylene	ND	mg/Kg	0.010	78.0	21.3	116			
Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.10	81.9	18.5	112			
Sample ID: LCSD-16312		*LCSD*			**Batch ID:**	**16312**	**Analysis Date:**		**6/26/2008 3:31:56 AM**
Naphthalene	0.5798	mg/Kg	0.25	58.0	30.1	90.4	26.4	35	
1-Methylnaphthalene	0.5788	mg/Kg	0.25	57.9	31.1	88.5	28.1	35	
2-Methylnaphthalene	0.5748	mg/Kg	0.25	57.5	32.2	89	28.7	35	
Acenaphthylene	0.5273	mg/Kg	0.25	52.7	29.5	94.2	28.3	35	
Acenaphthene	0.5745	mg/Kg	0.25	57.4	35.6	89.7	29.7	35	
Fluorene	0.05675	mg/Kg	0.030	56.8	36.9	90.7	29.0	35	
Phenanthrene	0.02700	mg/Kg	0.015	53.7	37.2	95.3	30.6	35	
Anthracene	0.02775	mg/Kg	0.015	55.2	37.4	95.4	30.5	35	
Fluoranthene	0.06300	mg/Kg	0.020	62.8	30.4	97.8	25.3	35	
Pyrene	0.05900	mg/Kg	0.025	59.0	33.3	100	31.7	35	
Benz(a)anthracene	ND	mg/Kg	0.010	57.5	38.9	102	0	35	
Chrysene	0.02925	mg/Kg	0.011	58.2	24.2	100	28.6	35	
Benzo(b)fluoranthene	ND	mg/Kg	0.010	56.0	35.5	102	0	35	
Benzo(k)fluoranthene	ND	mg/Kg	0.010	56.0	30.4	101	0	35	
Benzo(a)pyrene	ND	mg/Kg	0.010	59.7	29.6	112	0	35	
Dibenz(a,h)anthracene	ND	mg/Kg	0.010	58.0	29.3	108	0	35	
Benzo(g,h,i)perylene	ND	mg/Kg	0.010	60.0	21.3	116	0	35	
Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.10	59.8	18.5	112	0	35	
Sample ID: 0806294-05AMS		*MS*			**Batch ID:**	**16312**	**Analysis Date:**		**7/1/2008 10:13:36 AM**
Naphthalene	0.4335	mg/Kg	0.25	43.4	17.9	67.1			
1-Methylnaphthalene	0.4412	mg/Kg	0.25	44.1	20.7	66.4			
2-Methylnaphthalene	0.4328	mg/Kg	0.25	43.3	21.4	67.3			
Acenaphthylene	0.4332	mg/Kg	0.25	43.3	26.2	82.1			
Acenaphthene	0.4235	mg/Kg	0.25	42.4	25	74.4			
Fluorene	0.04325	mg/Kg	0.030	43.3	25.2	82			
Phenanthrene	0.02700	mg/Kg	0.015	44.7	25.1	93.9			
Anthracene	0.02400	mg/Kg	0.015	43.7	25.1	92.6			
Fluoranthene	0.04750	mg/Kg	0.020	47.4	28.5	99			
Pyrene	0.04000	mg/Kg	0.025	40.0	32.3	98.3			
Benz(a)anthracene	ND	mg/Kg	0.010	46.0	-13.8	167			
Chrysene	0.02300	mg/Kg	0.011	45.7	45.7	91.4			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Envirotech
Project: Chevron
Work Order: 0806294

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs									
Sample ID: 0806294-05AMS		*MS*			**Batch ID:**	**16312**	**Analysis Date:**		**7/1/2008 10:13:36 AM**
Benzo(b)fluoranthene	ND	mg/Kg	0.010	50.0	42	100			
Benzo(k)fluoranthene	ND	mg/Kg	0.010	40.0	43.3	99.9			S
Benzo(a)pyrene	ND	mg/Kg	0.010	51.8	46.7	101			
Dibenz(a,h)anthracene	ND	mg/Kg	0.010	44.0	50.2	97			S
Benzo(g,h,i)perylene	ND	mg/Kg	0.010	66.0	51.5	101			
Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.10	154	23.2	158			

Qualifiers:

B	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ENVIROTECH | Date Received: 6/19/2008

Work Order Number 0806294 | Received by: AT

Checklist completed by: Signature | Date 6/19/08 | Sample ID labels checked by: AT (Initials)

Matrix: | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☑		Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	1°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Envirotech

Address: 5796 US Hwy 64
Farmington NM

Phone #: 505 632 0615

email or Fax#: cwalters @ envirotech-inc.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: Chevron

Project #: 92270-0204

Project Manager: Christine Walters

Sampler: N. Hayworth

[illegible]

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax. 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0806294	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Uranium	Radium 226+228	PCB		Air Bubbles (Y or N)
6/16/08		45921 / NE	2-4oz	Cool	-1							✓					✓	✓	✓		
↓		45922 / NW	↓	↓	-2							✓					✓	✓	✓		
↓		45923 / SE	↓	↓	-3							✓					✓	✓	✓		
↓		45924 / SW	↓	↓	-4							✓					✓	✓	✓		
↓		45925 / Background	↓	↓	-5							✓					✓	✓	✓		

Date: 6/18/08 Time: 1100 Relinquished by: Kendall Augustine Received by: [signature] 6/19/08 0900

Date: Time: Relinquished by: Received by:

Remarks: Ref PO# 9865

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

APPENDIX A

Pond Water and Leak Detection Analytical Results

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Chevron	Project #:	92270-0204
Sample ID:	Leak Detection	Date Reported:	05-08-08
Laboratory Number:	45316	Date Sampled:	05-06-08
Chain of Custody:	4335	Date Received:	05-06-08
Sample Matrix:	Liquid	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	05-07 / 5-08-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	8.30	s.u.		
Conductivity @ 25° C	16,600	umhos/cm		
Total Dissolved Solids @ 180C	11,600	mg/L		
Total Dissolved Solids (Calc)	11,472	mg/L		
SAR	290	ratio		
Total Alkalinity as CaCO3	6,960	mg/L		
Total Hardness as CaCO3	41.8	mg/L		
Bicarbonate as HCO3	6,960	mg/L	114.07	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	1.7	mg/L	0.03	meq/L
Nitrite Nitrogen	0.010	mg/L	0.00	meq/L
Chloride	2,760	mg/L	77.86	meq/L
Fluoride	3.7	mg/L	0.19	meq/L
Phosphate	5.3	mg/L	0.17	meq/L
Sulfate	<0.1	mg/L	0.00	meq/L
Iron	0.100	mg/L	0.00	meq/L
Calcium	7.18	mg/L	0.36	meq/L
Magnesium	5.83	mg/L	0.48	meq/L
Potassium	143	mg/L	3.66	meq/L
Sodium	4,320	mg/L	187.92	meq/L
Cations			192.42	meq/L
Anions			192.32	meq/L
Cation/Anion Difference			0.05%	

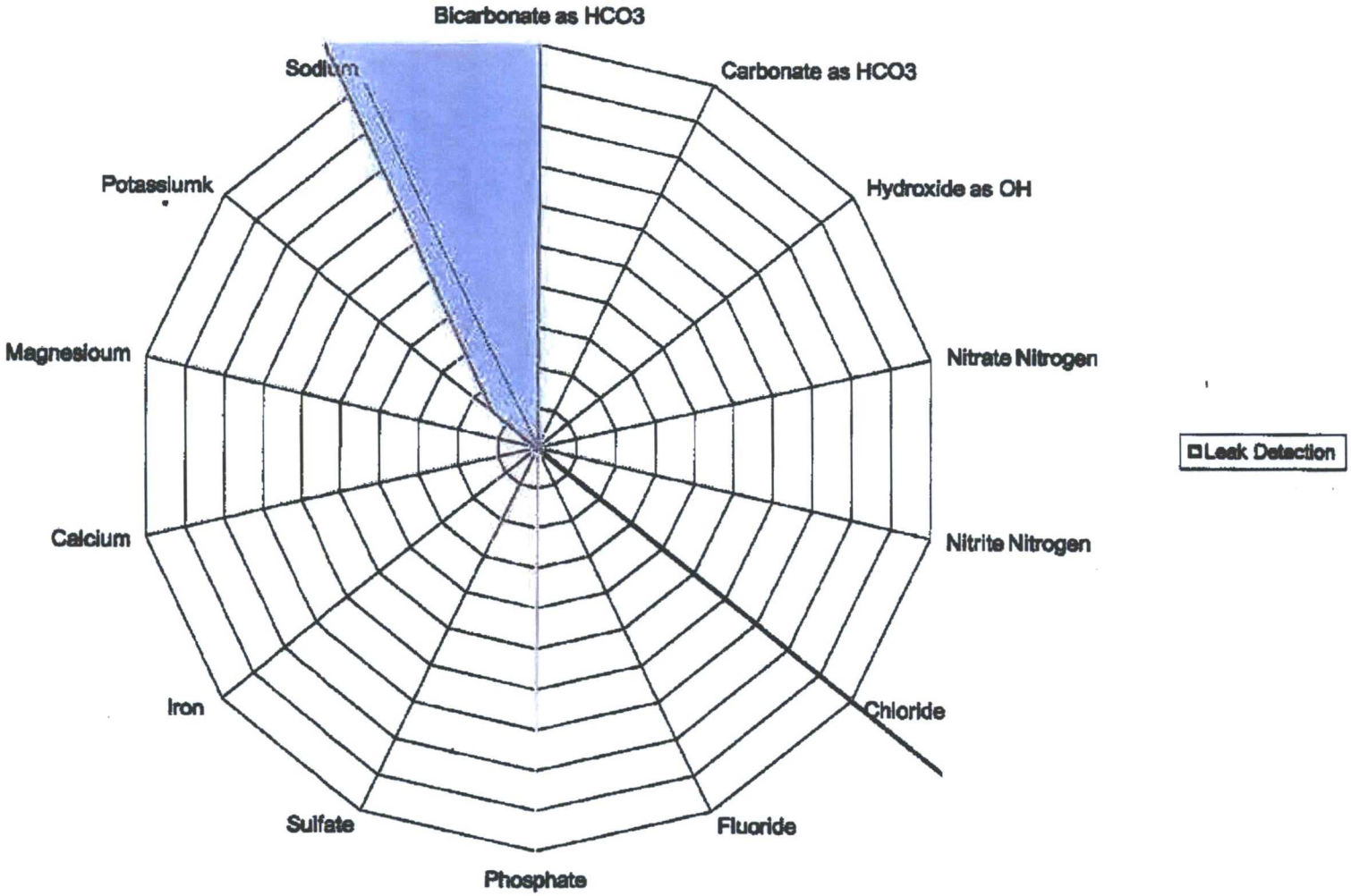
Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: La Plata Pond.

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865


Bicarbonate as HCO3
Carbonate as HCO3
Hydroxide as OH
Nitrate Nitrogen
Nitrite Nitrogen
Chloride
Fluoride
Phosphate
Sulfate
Iron
Calcium
Magnesioum
Potassiumk
Sodium
Leak Detection

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Chevron	Project #:	92270-0204
Sample ID:	Pond	Date Reported:	05-08-08
Laboratory Number:	45317	Date Sampled:	05-06-08
Chain of Custody:	4335	Date Received:	05-06-08
Sample Matrix:	Liquid	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	05-07 / 5-08-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	9.67	s.u.		
Conductivity @ 25° C	45,700	umhos/cm		
Total Dissolved Solids @ 180C	28,700	mg/L		
Total Dissolved Solids (Calc)	24,961	mg/L		
SAR	966	ratio		
Total Alkalinity as CaCO3	17,600	mg/L		
Total Hardness as CaCO3	36.3	mg/L		
Bicarbonate as HCO3	80.0	mg/L	1.31	meq/L
Carbonate as CO3	17,500	mg/L	583.28	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	10.0	mg/L	0.16	meq/L
Nitrite Nitrogen	0.010	mg/L	0.00	meq/L
Chloride	320	mg/L	9.03	meq/L
Fluoride	8.3	mg/L	0.44	meq/L
Phosphate	10.0	mg/L	0.32	meq/L
Sulfate	45.0	mg/L	0.94	meq/L
Iron	0.703	mg/L	0.03	meq/L
Calcium	4.20	mg/L	0.21	meq/L
Magnesium	6.30	mg/L	0.52	meq/L
Potassium	473	mg/L	12.10	meq/L
Sodium	13,400	mg/L	582.90	meq/L
Cations			595.73	meq/L
Anions			595.46	meq/L
Cation/Anion Difference			0.04%	

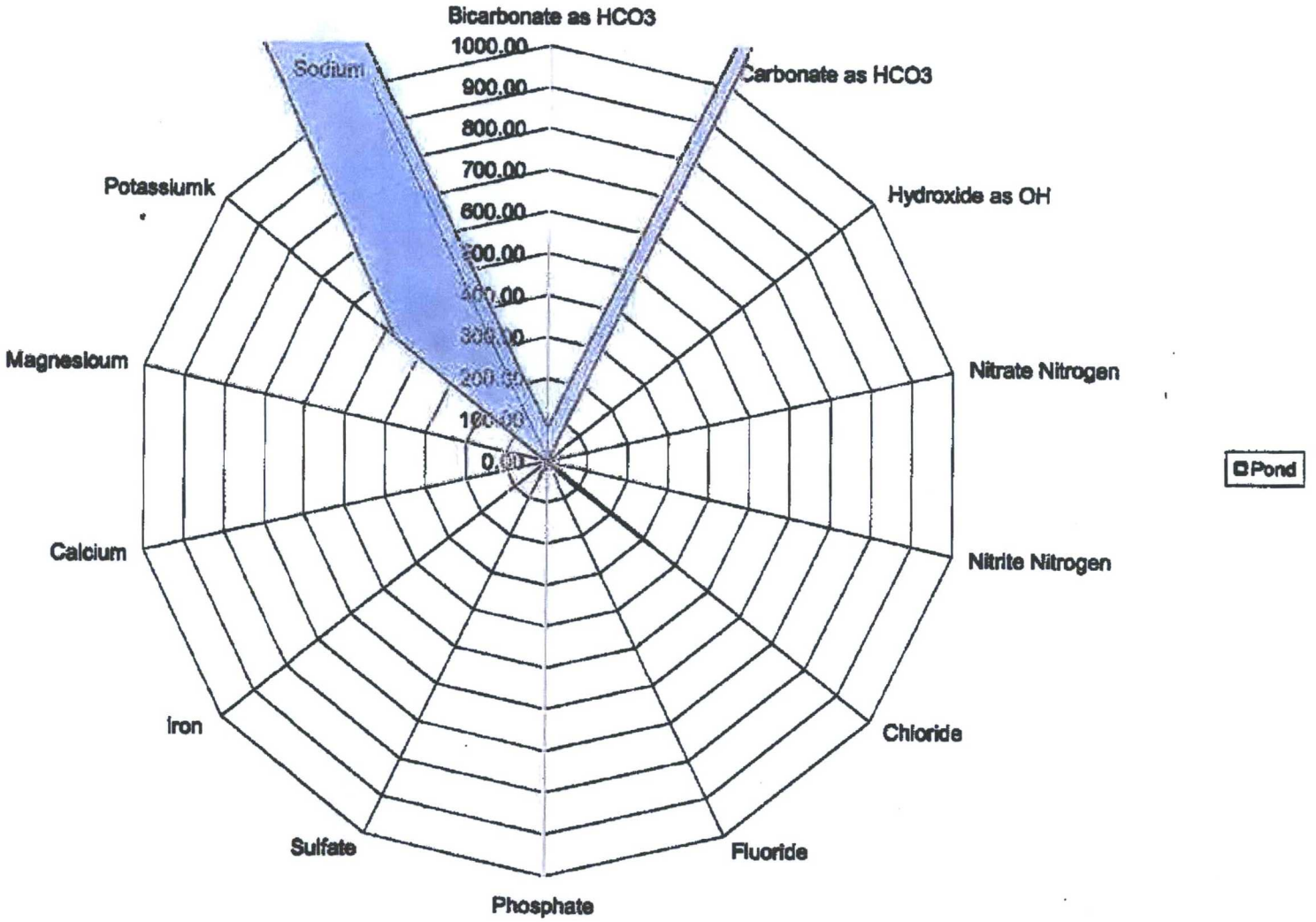
Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **La Plata Pond.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865


Bicarbonate as HCO3
1000.00
900.00
800.00
700.00
600.00
Carbonate as HCO3
Hydroxide as OH
Nitrate Nitrogen
Nitrite Nitrogen
Chloride
Fluoride
Phosphate
Sulfate
Iron
Calcium
Magnesioum
Potassiumk
Sodium
Pond

CHAIN OF CUSTODY RECORD

4335

Client:	Project Name / Location:
CHEVRON	LA PLATA POND
Client Address:	Sampler Name: N. HAYWORTH
Client Phone No.:	Client No.: 92270-0204

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
						$HgCl_2$	HNO_3		ANALYSIS / PARAMETERS														
LEAK DETECTION	05/06		45316	LIQUID	1			X					X									✓	✓
POND	05/06		45317	LIQUID	1			X					X									✓	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Neal Hayworth	05/06/06	1055	Christine M Waeters	5/6/06	1053
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Chevron	Project #:	92270-0204
Sample ID:	Pond Sludge	Date Reported:	05-13-08
Laboratory Number:	45376	Date Sampled:	05-09-08
Chain of Custody No:	4357	Date Received:	05-09-08
Sample Matrix:	Soil	Date Extracted:	05-09-08
Preservative:	Cool	Date Analyzed:	05-12-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **La Plata Evaporation Pond.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-12-08 QA/QC	Date Reported:	05-13-08
Laboratory Number:	45382	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-12-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9632E+002	9.9672E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0015E+003	1.0019E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 45382 - 45386, 45207, 45373, 45376, and 45379 - 45380.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-0204
Sample ID:	Pond Sludge	Date Reported:	05-13-08
Laboratory Number:	45376	Date Sampled:	05-09-08
Chain of Custody:	4357	Date Received:	05-09-08
Sample Matrix:	Soil	Date Analyzed:	05-12-08
Preservative:	Cool	Date Extracted:	05-09-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	13.2	1.0
Ethylbenzene	10.4	1.0
p,m-Xylene	6.2	1.2
o-Xylene	3.0	0.9
Total BTEX	32.8	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: La Plata Evaporation Pond.

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-12-BT QA/QC	Date Reported:	05-13-08
Laboratory Number:	45382	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-12-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	3.7675E+007	3.7751E+007	0.2%	ND	0.1
Toluene	3.1603E+007	3.1666E+007	0.2%	ND	0.1
Ethylbenzene	2.3682E+007	2.3730E+007	0.2%	ND	0.1
p,m-Xylene	4.8562E+007	4.8659E+007	0.2%	ND	0.1
o-Xylene	2.2285E+007	2.2330E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	10.2	10.1	1.0%	0 - 30%	1.0
Ethylbenzene	1.5	1.4	6.7%	0 - 30%	1.0
p,m-Xylene	6.6	6.5	1.5%	0 - 30%	1.2
o-Xylene	3.0	2.8	6.7%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	10.2	50.0	59.7	99.2%	46 - 148
Ethylbenzene	1.5	50.0	51.1	99.2%	32 - 160
p,m-Xylene	6.6	100	100	93.4%	46 - 148
o-Xylene	3.0	50.0	52.7	99.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 45382- 45386, 454207, 45373, 45376, and 45379 - 45380.

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Chevron	Project #:	92270-0204
Sample ID:	Pond Sludge	Date Reported:	05-13-08
Lab ID#:	45376	Date Sampled:	05-09-08
Sample Matrix:	Soil	Date Received:	05-09-08
Preservative:	Cool	Date Analyzed:	05-12-08
Condition:	Intact	Chain of Custody:	4357

Parameter	Concentration (mg/Kg)
Total Chloride	1,770

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **La Plata Evaporation Pond.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN OF CUSTODY RECORD

4357

Client: Chevron	Project Name / Location: La Plata Evaporation Pond
Client Address:	Sampler Name: Nicole Hayworth
Client Phone No.:	Client No.: 92270-0204

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Chlorides				Sample Cool	Sample Intact
Pond Sludge	5/9/08		45374	Soil	1			X	X								X				X	X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Olou Thompson	5/9/08	9:58	Kendall Augustine	5/9/08	9:58
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

APPENDIX A

Additional Site Investigation Analytical Results

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Chevron

Chain Of Custody Number:

Samples Received: 10/4/2017 1:05:00PM

Job Number: 92270-1646

Work Order: P710008

Project Name/Location: Hallwood Pond Soil Sampling

Report Reviewed By: _____ Date: 10/17/17

Walter Hinchman, Laboratory Director

_____ Date: 10/17/17

Tim Cain, Quality Assurance Officer

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Sump @ 10' BGS	P710008-01A	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-01B	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-01C	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
Northeast Composite	P710008-02A	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-02B	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-02C	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
Southeast Composite	P710008-03A	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-03B	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-03C	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
South Composite (a)	P710008-04A	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-04B	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-04C	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
North Composite	P710008-05A	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-05B	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-05C	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
Northwest Composite	P710008-06A	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-06B	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-06C	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
South Composite (b)	P710008-07A	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-07B	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.
	P710008-07C	Solid	10/03/17	10/04/17	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Sump @ 10' BGS
P710008-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*		*50-150*	*1741004*	*10/09/17*	*10/12/17*	*EPA 8021B*	
Total Metals by 6010									
Copper	**18.0**	2.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Iron	**19400**	50.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Manganese	**340**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Zinc	**60.1**	10.0	mg/kg	1	1741005	10/10/17	10/16/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Barium	**216**	10.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Chromium	**16.3**	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Lead	**6.83**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Anions by 300.0									
Fluoride	**21.2**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Chloride	**1010**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Nitrate-N	**8.71**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Sulfate	**345**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Sump @ 10' BGS
P710008-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1741018	10/12/17	10/12/17	EPA 418.1	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1741019	10/12/17	10/16/17	EPA 7471B	

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Northeast Composite
P710008-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*		*50-150*	*1741004*	*10/09/17*	*10/12/17*	*EPA 8021B*	
Total Metals by 6010									
Copper	**11.1**	2.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Iron	**13800**	50.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Manganese	**298**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Zinc	**38.7**	10.0	mg/kg	1	1741005	10/10/17	10/16/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Barium	**179**	10.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Chromium	**16.3**	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Lead	**6.78**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Anions by 300.0									
Fluoride	**5.25**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Chloride	**1020**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Nitrate-N	**82.2**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Sulfate	**286**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Northeast Composite
P710008-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1741018	10/12/17	10/12/17	EPA 418.1	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1741019	10/12/17	10/16/17	EPA 7471B	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Southeast Composite
P710008-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*		*50-150*	*1741004*	*10/09/17*	*10/12/17*	*EPA 8021B*	
Total Metals by 6010									
Copper	**9.40**	2.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Iron	**13200**	50.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Manganese	**334**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Zinc	**43.2**	10.0	mg/kg	1	1741005	10/10/17	10/16/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Barium	**153**	10.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Chromium	**17.4**	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Lead	**6.76**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Anions by 300.0									
Fluoride	**4.24**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Chloride	**1060**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Nitrate-N	**59.3**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Sulfate	**222**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Southeast Composite
P710008-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	**1120**	800	mg/kg	20	1741018	10/12/17	10/12/17	EPA 418.1	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1741019	10/12/17	10/16/17	EPA 7471B	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

South Composite (a)
P710008-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*		*50-150*	*1741004*	*10/09/17*	*10/12/17*	*EPA 8021B*	
Total Metals by 6010									
Copper	**8.63**	2.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Iron	**12900**	50.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Manganese	**360**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Zinc	**45.5**	10.0	mg/kg	1	1741005	10/10/17	10/16/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Barium	**172**	10.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Chromium	**16.1**	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Lead	**6.10**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Anions by 300.0									
Fluoride	**7.40**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Chloride	**1220**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Nitrate-N	**85.7**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Sulfate	**581**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

South Composite (a)
P710008-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1741018	10/12/17	10/12/17	EPA 418.1	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1741019	10/12/17	10/16/17	EPA 7471B	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

North Composite
P710008-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*		*50-150*	*1741004*	*10/09/17*	*10/12/17*	*EPA 8021B*	
Total Metals by 6010									
Copper	**10.4**	2.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Iron	**15700**	50.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Manganese	**426**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Zinc	**52.2**	10.0	mg/kg	1	1741005	10/10/17	10/16/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Barium	**245**	10.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Chromium	**21.9**	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Lead	**6.22**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Anions by 300.0									
Fluoride	**7.49**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Chloride	**1190**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Nitrate-N	**42.7**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Sulfate	**104**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

North Composite
P710008-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1741018	10/12/17	10/12/17	EPA 418.1	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1741019	10/12/17	10/16/17	EPA 7471B	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Northwest Composite
P710008-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*		*50-150*	*1741004*	*10/09/17*	*10/12/17*	*EPA 8021B*	
Total Metals by 6010									
Copper	**9.98**	2.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Iron	**14700**	50.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Manganese	**366**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Zinc	**48.2**	10.0	mg/kg	1	1741005	10/10/17	10/16/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Barium	**213**	10.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Chromium	**23.4**	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Lead	**5.55**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Anions by 300.0									
Fluoride	**6.85**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Chloride	**520**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Nitrate-N	**37.8**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Sulfate	**76.9**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Northwest Composite
P710008-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1741018	10/12/17	10/12/17	EPA 418.1	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1741019	10/12/17	10/16/17	EPA 7471B	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

South Composite (b)
P710008-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1741004	10/09/17	10/12/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*		*50-150*	*1741004*	*10/09/17*	*10/12/17*	*EPA 8021B*	
Total Metals by 6010									
Copper	**9.71**	2.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Iron	**14800**	50.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Manganese	**396**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Zinc	**48.1**	10.0	mg/kg	1	1741005	10/10/17	10/16/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Barium	**162**	10.0	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Chromium	**23.0**	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Lead	**6.69**	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1741005	10/10/17	10/13/17	EPA 6010C	
Anions by 300.0									
Fluoride	**2.90**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Chloride	**902**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Nitrate-N	**84.0**	2.50	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	
Sulfate	**147**	20.0	mg/kg	1	1741008	10/10/17	10/11/17	EPA 300.0	

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

South Composite (b)
P710008-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1741018	10/12/17	10/12/17	EPA 418.1	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1741019	10/12/17	10/16/17	EPA 7471B	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1741004 - Purge and Trap EPA 5030A										
Blank (1741004-BLK1)				Prepared: 09-Oct-17 Analyzed: 12-Oct-17						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		"	*8.00*		*96.0*	*50-150*			
LCS (1741004-BS1)				Prepared: 09-Oct-17 Analyzed: 12-Oct-17						
Benzene	5.00	0.10	mg/kg	5.00		100	70-130			
Toluene	4.88	0.10	"	5.00		97.7	70-130			
Ethylbenzene	4.87	0.10	"	5.00		97.4	70-130			
p,m-Xylene	9.64	0.20	"	10.0		96.5	70-130			
o-Xylene	4.79	0.10	"	5.00		95.9	70-130			
Total Xylenes	14.4	0.10	"	15.0		96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		"	*8.00*		*98.0*	*50-150*			
Matrix Spike (1741004-MS1)		**Source: P710008-01**		Prepared: 09-Oct-17 Analyzed: 12-Oct-17						
Benzene	5.08	0.10	mg/kg	5.00	ND	102	54.3-133			
Toluene	4.93	0.10	"	5.00	ND	98.7	61.4-130			
Ethylbenzene	4.91	0.10	"	5.00	ND	98.3	61.4-133			
p,m-Xylene	9.74	0.20	"	10.0	ND	97.4	63.3-131			
o-Xylene	4.84	0.10	"	5.00	ND	96.8	63.3-131			
Total Xylenes	14.6	0.10	"	15.0	ND	97.2	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.87*		"	*8.00*		*98.4*	*50-150*			
Matrix Spike Dup (1741004-MSD1)		**Source: P710008-01**		Prepared: 09-Oct-17 Analyzed: 12-Oct-17						
Benzene	5.10	0.10	mg/kg	5.00	ND	102	54.3-133	0.474	20	
Toluene	4.98	0.10	"	5.00	ND	99.7	61.4-130	0.998	20	
Ethylbenzene	4.97	0.10	"	5.00	ND	99.4	61.4-133	1.14	20	
p,m-Xylene	9.84	0.20	"	10.0	ND	98.4	63.3-131	1.03	20	
o-Xylene	4.88	0.10	"	5.00	ND	97.7	63.3-131	0.985	20	
Total Xylenes	14.7	0.10	"	15.0	ND	98.2	63.3-131	1.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		"	*8.00*		*97.1*	*50-150*			

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1741005 - Metals Solid Microwave Digestion EPA 3051A										
Blank (1741005-BLK1)				Prepared: 10-Oct-17 Analyzed: 12-Oct-17						
Arsenic	ND	1.00	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	1.00	"							
Chromium	ND	5.00	"							
Copper	ND	2.00	"							
Iron	ND	50.0	"							
Lead	ND	1.00	"							
Manganese	ND	1.00	"							
Selenium	ND	5.00	"							
Silver	ND	1.00	"							
Zinc	ND	10.0	"							
LCS (1741005-BS1)				Prepared: 10-Oct-17 Analyzed: 12-Oct-17						
Arsenic	88.4	1.00	mg/kg	100		88.4	80-120			
Barium	2560	10.0	"	2500		102	80-120			
Cadmium	91.9	1.00	"	100		91.9	80-120			
Chromium	94.9	5.00	"	100		94.9	80-120			
Copper	94.7	2.00	"	100		94.7	80-120			
Iron	4840	50.0	"	5000		96.8	80-120			
Lead	94.1	1.00	"	100		94.1	80-120			
Manganese	90.5	1.00	"	100		90.5	80-120			
Selenium	88.4	5.00	"	100		88.4	80-120			
Silver	9.15	1.00	"	10.0		91.5	80-120			
Zinc	940	10.0	"	1000		94.0	80-120			
Matrix Spike (1741005-MS1)	**Source: P710008-02**			Prepared: 10-Oct-17 Analyzed: 13-Oct-17						
Arsenic	93.3	1.00	mg/kg	100	ND	93.3	75-125			
Barium	2340	10.0	"	2500	179	86.5	75-125			
Cadmium	84.4	1.00	"	100	ND	84.4	75-125			
Chromium	115	5.00	"	100	16.3	98.5	75-125			
Copper	99.9	2.00	"	100	11.1	88.8	75-125			
Iron	16900	50.0	"	5000	13800	62.4	75-125			SPK1
Lead	93.9	1.00	"	100	6.78	87.2	75-125			
Manganese	422	1.00	"	100	298	124	75-125			
Selenium	85.2	5.00	"	100	ND	85.2	75-125			
Silver	8.86	1.00	"	10.0	ND	88.6	75-125			
Zinc	1020	10.0	"	1000	38.7	98.1	75-125			
Matrix Spike Dup (1741005-MSD1)	**Source: P710008-02**			Prepared: 10-Oct-17 Analyzed: 13-Oct-17						
Arsenic	92.6	1.00	mg/kg	100	ND	92.6	75-125	0.732	20	
Barium	2400	10.0	"	2500	179	88.9	75-125	2.45	20	
Cadmium	83.6	1.00	"	100	ND	83.6	75-125	0.881	20	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1741005 - Metals Solid Microwave Digestion EPA 3051A										
Matrix Spike Dup (1741005-MSD1)	**Source: P710008-02**			Prepared: 10-Oct-17 Analyzed: 13-Oct-17						
Chromium	130	5.00	"	100	16.3	114	75-125	12.6	20	
Copper	109	2.00	"	100	11.1	98.3	75-125	9.13	20	
Iron	18400	50.0	"	5000	13800	91.2	75-125	8.16	20	
Lead	93.3	1.00	"	100	6.78	86.5	75-125	0.694	20	
Manganese	475	1.00	"	100	298	177	75-125	11.8	20	SPK1
Selenium	85.3	5.00	"	100	ND	85.3	75-125	0.164	20	
Silver	9.81	1.00	"	10.0	ND	98.1	75-125	10.2	20	
Zinc	712	10.0	"	1000	38.7	67.3	75-125	35.6	20	D1, SPK1

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Anions by 300.0 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1741008 - Anion Extraction EPA 300.0										
Blank (1741008-BLK1)				Prepared & Analyzed: 10-Oct-17						
Fluoride	ND	2.50	mg/kg							
Chloride	ND	20.0	"							
Nitrate-N	ND	2.50	"							
Sulfate	ND	20.0	"							
LCS (1741008-BS1)				Prepared & Analyzed: 10-Oct-17						
Fluoride	25.7	2.50	mg/kg	25.0		103	90-110			
Chloride	255	20.0	"	250		102	90-110			
Nitrate-N	24.6	2.50	"	25.0		98.4	90-110			
Sulfate	249	20.0	"	250		99.7	90-110			
Matrix Spike (1741008-MS1)	**Source: P710005-01**			Prepared & Analyzed: 10-Oct-17						
Fluoride	24.0	2.50	mg/kg	25.0	ND	96.0	80-120			
Chloride	344	20.0	"	250	89.9	102	80-120			
Nitrate-N	24.5	2.50	"	25.0	ND	98.0	80-120			
Sulfate	308	20.0	"	250	71.1	94.9	80-120			
Matrix Spike Dup (1741008-MSD1)	**Source: P710005-01**			Prepared & Analyzed: 10-Oct-17						
Fluoride	24.0	2.50	mg/kg	25.0	ND	95.8	80-120	0.250	20	
Chloride	346	20.0	"	250	89.9	102	80-120	0.481	20	
Nitrate-N	24.7	2.50	"	25.0	ND	98.8	80-120	0.853	20	
Sulfate	310	20.0	"	250	71.1	95.5	80-120	0.540	20	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1741018 - 418 Freon Extraction										
Blank (1741018-BLK1)				Prepared & Analyzed: 12-Oct-17						
Total Petroleum Hydrocarbons	ND	40.0	mg/kg							
LCS (1741018-BS1)				Prepared & Analyzed: 12-Oct-17						
Total Petroleum Hydrocarbons	940	40.0	mg/kg	1000		94.0	80-120			
Matrix Spike (1741018-MS1)	**Source: P710008-01**			Prepared & Analyzed: 12-Oct-17						
Total Petroleum Hydrocarbons	912	40.0	mg/kg	1000	ND	91.2	70-130			
Matrix Spike Dup (1741018-MSD1)	**Source: P710008-01**			Prepared & Analyzed: 12-Oct-17						
Total Petroleum Hydrocarbons	916	40.0	mg/kg	1000	ND	91.6	70-130	0.438	30	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Total Mercury by 7471B - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1741019 - Mercury Solid Digestion KMNO4										
Blank (1741019-BLK1)				Prepared: 12-Oct-17 Analyzed: 16-Oct-17						
Mercury	ND	0.0200	mg/kg							
LCS (1741019-BS1)				Prepared: 12-Oct-17 Analyzed: 16-Oct-17						
Mercury	0.163	0.0200	mg/kg	0.160		102	80-120			
Matrix Spike (1741019-MS1)		**Source: P710008-01**		Prepared: 12-Oct-17 Analyzed: 16-Oct-17						
Mercury	0.162	0.0200	mg/kg	0.160	ND	102	75-125			
Matrix Spike Dup (1741019-MSD1)		**Source: P710008-01**		Prepared: 12-Oct-17 Analyzed: 16-Oct-17						
Mercury	0.173	0.0200	mg/kg	0.160	ND	108	75-125	6.20	15	

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	17-Oct-17 15:57

Notes and Definitions

SPK1	The spike recovery is outside of quality control limits.
D1	Duplicates or Matrix Spike Duplicates or Laboratory Control Sample Duplicates Relative Percent Difference is outside of control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Project Information | Chain of Custody | Page 1 of 1

Client: Chevron	**Report Attention**
Project:Hallwood Pond Soil Sampling	Report due by: S-TAT
Project Manager: G. Crabtree	Greg
Address:	Address:
City, State, Zip	City, State, Zip
Phone:	Phone:
Email: G, Crabtree F.aragon	

Lab Use Only

Lab WO#	Job Number
P710008	92270-1646

TAT

1D	3D

EPA Program

RCRA	CWA	SDWA
X		

State

NM	CO	UT	AZ
X			

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Total RCRA 8 Metals 6010	Chlorides 300.0	TPH 418.1	PCB 8082	* see attached				Remarks
10:35	10/3/2017	s	3	Sump @ 10' BGS	1			X				X		X				
11:05	10/3/2017	s	3	Northeast Composite	2			X				X		X				
11:35	10/3/2017	s	3	Southeast Composite	3			X				X		X				
12:03	10/3/2017	s	3	South Composite (a)	4			X				X		X				
12:10	10/3/2017	s	3	North Composite	5			X				X		X				
12:20	10/3/2017	s	3	Northwest Composite	6			X				X		X				
12:40	10/3/2017	s	3	South Composite (b)	7			X				X		X				

Additional Instructions: V-4 ice in cooler

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally misidentifying the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: ~~Bobby~~ Felipe Arcaya

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10-4-17	1305		10/4/17	1305
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboraotry is limited to the amount paid for on the report.

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 | Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com laboratory@envirotech-inc.com

20.6.2.3103 STANDARDS FOR GROUND WATER OF 10,000 mg/l TDS CONCENTRATION OR LESS: The following standards are the allowable pH range and the maximum allowable concentration in ground water for the contaminants specified unless the existing condition exceeds the standard or unless otherwise provided in Subsection D of Section 20.6.2.3109 NMAC. Regardless of whether there is one contaminant or more than one contaminant present in ground water, when an existing pH or concentration of any water contaminant exceeds the standard specified in Subsection A, B, or C of this section, the existing pH or concentration shall be the allowable limit, provided that the discharge at such concentrations will not result in concentrations at any place of withdrawal for present or reasonably foreseeable future use in excess of the standards of this section. These standards shall apply to the dissolved portion of the contaminants specified with a definition of dissolved being that given in the publication "*methods for chemical analysis of water and waste of the U.S. environmental protection agency*," with the exception that standards for mercury, organic compounds and non-aqueous phase liquids shall apply to the total unfiltered concentrations of the contaminants.

A. Human Health Standards-Ground water shall meet the standards of Subsection A and B of this section unless otherwise provided. If more than one water contaminant affecting human health is present, the toxic pollutant criteria as set forth in the definition of toxic pollutant in Section 20.6.2.1101 NMAC for the combination of contaminants, or the Human Health Standard of Subsection A of Section 20.6.2.3103 NMAC for each contaminant shall apply, whichever is more stringent. Non-aqueous phase liquid shall not be present floating atop of or immersed within ground water, as can be reasonably measured.

(1)	Arsenic (As)	0.1 mg/l
(2)	Barium (Ba)	1.0 mg/l
(3)	Cadmium (Cd)	0.01 mg/l
(4)	Chromium (Cr)	0.05 mg/l
(5)	Cyanide (CN)	0.2 mg/l
(6)	Fluoride (F)	1.6 mg/l
(7)	Lead (Pb)	0.05 mg/l
(8)	Total Mercury (Hg)	0.002 mg/l
(9)	Nitrate (NO_3 as N)	10.0 mg/l
(10)	Selenium (Se)	0.05 mg/l
(11)	Silver (Ag)	0.05 mg/l
(12)	Uranium (U)	0.03 mg/l
(13)	Radioactivity: Combined Radium-226 & Radium-228	30 pCi/l
(14)	Benzene	0.01 mg/l
(15)	Polychlorinated biphenyls (PCB's)	0.001 mg/l
(16)	Toluene	0.75 mg/l
(17)	Carbon Tetrachloride	0.01 mg/l
(18)	1,2-dichloroethane (EDC)	0.01 mg/l
(19)	1,1-dichloroethylene (1,1-DCE)	0.005 mg/l
(20)	1,1,2,2-tetrachloroethylene (PCE)	0.02 mg/l
(21)	1,1,2-trichloroethylene (TCE)	0.1 mg/l
(22)	ethylbenzene	0.75 mg/l
(23)	total xylenes	0.62 mg/l
(24)	methylene chloride	0.1 mg/l
(25)	chloroform	0.1 mg/l
(26)	1,1-dichloroethane	0.025 mg/l
(27)	ethylene dibromide (EDB)	0.0001 mg/l
(28)	1,1,1-trichloroethane	0.06 mg/l
(29)	1,1,2-trichloroethane	0.01 mg/l
(30)	1,1,2,2-tetrachloroethane	0.01 mg/l
(31)	vinyl chloride	0.001 mg/l
(32)	PAHs: total naphthalene plus monomethylnaphthalenes	0.03 mg/l
(33)	benzo-a-pyrene	0.0007 mg/l

Total Metals. Just analytes in red Per Felipe 10/4/17 TC

B. Other Standards for Domestic Water Supply

(1)	Chloride (Cl)	250.0 mg/l
(2)	Copper (Cu)	1.0 mg/l
(3)	Iron (Fe)	1.0 mg/l
(4)	Manganese (Mn)	0.2 mg/l
(6)	Phenols	0.005 mg/l
(7)	Sulfate (SO_4)	600.0 mg/l
(8)	Total Dissolved Solids (TDS)	1000.0 mg/l
(9)	Zinc (Zn)	10.0 mg/l
(10)	pH	between 6 and 9

C. Standards for Irrigation Use - Ground water shall meet the standards of Subsection A, B, and C of this section unless otherwise provided.

(1) Aluminum (Al).....5.0 mg/l
(2) Boron (B) .....0.75 mg/l
(3) Cobalt (Co) .....0.05 mg/l
(4) Molybdenum (Mo) .....1.0 mg/l
(5) Nickel (Ni) .....0.2 mg/l

[2-18-77, 1-29-82, 11-17-83, 3-3-86, 12-1-95; 20.6.2.3103 NMAC - Rn, 20 NMAC 6.2.III.3103, 1-15-01; A, 9-26-04]

[Note: For purposes of application of the amended numeric uranium standard to past and current water discharges (as of 9-26-04), the new standard will not become effective until June 1, 2007. For any new water discharges, the uranium standard is effective 9-26-04.]

ANALYTICAL REPORT

October 12, 2017

EnviroTech- NM

Sample Delivery Group:	L941632
Samples Received:	10/05/2017
Project Number:	92270-1646
Description:	Hallwood Pond Soil Sampling
Site:	P710008
Report To:	Tim Cain and Lynn Estes 5796 US. Highway 64 Farmington, NM 87401

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Technical Service Representative

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.esclabsciences.com

TABLE OF CONTENTS

ONE LAB. NATIONWIDE.

SUMP 10FT BGS L941632-01 Solid

Collected by	Collected date/time	Received date/time
F. Aragon	10/03/17 10:35	10/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG1029608	1	10/11/17 09:50	10/11/17 13:21	KK
Metals (ICPMS) by Method 6020	WG1029543	5	10/11/17 07:22	10/11/17 18:04	LAT

NORTHEAST COMPOSITE L941632-02 Solid

Collected by	Collected date/time	Received date/time
F. Aragon	10/03/17 11:05	10/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG1029608	1	10/11/17 09:50	10/11/17 13:32	KK
Metals (ICPMS) by Method 6020	WG1029543	5	10/11/17 07:22	10/11/17 18:08	LAT

SOUTHEAST COMPOSITE L941632-03 Solid

Collected by	Collected date/time	Received date/time
F. Aragon	10/03/17 11:35	10/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG1029608	1	10/11/17 09:50	10/11/17 13:23	KK
Metals (ICPMS) by Method 6020	WG1029543	5	10/11/17 07:22	10/11/17 18:11	LAT

SOUTH COMPOSITE (A) L941632-04 Solid

Collected by	Collected date/time	Received date/time
F. Aragon	10/03/17 12:03	10/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG1029608	1	10/11/17 09:50	10/11/17 13:27	KK
Metals (ICPMS) by Method 6020	WG1029543	5	10/11/17 07:22	10/11/17 18:15	LAT

NORTH COMPOSITE L941632-05 Solid

Collected by	Collected date/time	Received date/time
F. Aragon	10/03/17 12:10	10/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG1029608	1	10/11/17 09:50	10/11/17 13:28	KK
Metals (ICPMS) by Method 6020	WG1029543	5	10/11/17 07:22	10/11/17 18:18	LAT

NORTHWEST COMPOSITE L941632-06 Solid

Collected by	Collected date/time	Received date/time
F. Aragon	10/03/17 12:20	10/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG1029608	1	10/11/17 09:50	10/11/17 13:29	KK
Metals (ICPMS) by Method 6020	WG1029543	5	10/11/17 07:22	10/11/17 18:22	LAT

SOUTH COMPOSITE (B) L941632-07 Solid

Collected by	Collected date/time	Received date/time
F. Aragon	10/03/17 12:40	10/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG1029608	1	10/11/17 09:50	10/11/17 13:34	KK
Metals (ICPMS) by Method 6020	WG1029543	5	10/11/17 07:22	10/11/17 17:16	LAT

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Technical Service Representative

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Cyanide	ND		0.250	1	10/11/2017 13:21	WG1029608

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Uranium	ND		5.00	5	10/11/2017 18:04	WG1029543

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Cyanide	ND		0.250	1	10/11/2017 13:32	WG1029608

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Uranium	ND		5.00	5	10/11/2017 18:08	WG1029543

Wet Chemistry by Method 9012B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Cyanide	ND	J3 J6	0.250	1	10/11/2017 13:23	WG1029608

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Uranium	ND		5.00	5	10/11/2017 18:11	WG1029543

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Cyanide	ND		0.250	1	10/11/2017 13:27	WG1029608

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Uranium	ND		5.00	5	10/11/2017 18:15	WG1029543

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Cyanide	ND		0.250	1	10/11/2017 13:28	WG1029608

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Uranium	ND		5.00	5	10/11/2017 18:18	WG1029543

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Cyanide	ND		0.250	1	10/11/2017 13:29	WG1029608

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Uranium	ND		5.00	5	10/11/2017 18:22	WG1029543

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Cyanide	ND		0.250	1	10/11/2017 13:34	WG1029608

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Uranium	ND		5.00	5	10/11/2017 17:16	WG1029543

Method Blank (MB)

(MB) R3256559-1 10/11/17 13:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Cyanide	U		0.039	0.250

L941632-01 Original Sample (OS) • Duplicate (DUP)

(OS) L941632-01 10/11/17 13:21 • (DUP) R3256559-4 10/11/17 13:22

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	ND	0.000	1	0		20

L941632-02 Original Sample (OS) • Duplicate (DUP)

(OS) L941632-02 10/11/17 13:32 • (DUP) R3256559-7 10/11/17 13:33

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	ND	0.000	1	0		20

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

(LCS) R3256559-2 10/11/17 13:08 • (LCSD) R3256559-3 10/11/17 13:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Cyanide	2.50	2.45	2.37	98	95	50-150			3	20

L941632-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L941632-03 10/11/17 13:23 • (MS) R3256559-5 10/11/17 13:25 • (MSD) R3256559-6 10/11/17 13:26

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	3.33	ND	1.24	0.820	36	23	1	75-125	J6	J3 J6	41	20

Method Blank (MB)

(MB) R3256740-1 10/11/17 17:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Uranium	U		0.08	5.00

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

(LCS) R3256740-6 10/11/17 17:36 • (LCSD) R3256740-7 10/11/17 17:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Uranium	100	100	98.4	100	98	80-120			2	20

L941632-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L941632-07 10/11/17 17:16 • (MS) R3256740-4 10/11/17 17:27 • (MSD) R3256740-5 10/11/17 17:30

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Uranium	20.0	ND	108	107	108	107	5	75-125			1	20

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1,4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**

EnviroTech- NM

5796 US. Highway 64
Farmington, NM 87401

Billing Information:

Doris Moore
5796 US. Highway 64
Farmington, NM 87401

Report to: Tim, Lynn, Irene

Email To: tcain@envirotech-inc.com

Project Description: Hallwood Pond Soil Sampling

City/State Collected: NM

Phone: 505-632-0615
Fax:

Client Project #

Lab Project # 92270-1646

Collected by (print): F. Aragon

Site/Facility ID # P710008

P.O. # 000144587

Collected by (signature):

Immediately Packed on ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed 10/13/17

Email? ✓No ✓Yes

FAX? ✓No ___Yes

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Uranium Total by 6020A	Cyanide in Soil by 9012B								Rem./Contaminant	Sample # (lab only)
Sump@10' BGS	C	SS	10'	10/3/17	10:35am	1	X	X								14oz glass	-01
Northeast Composite	C	SS	N/A	10/3/17	11:05am	1	X	X									-02
Southeast Composite	C	SS		10/3/17	11:35am	1	X	X									-03
South Composite (a)	C	SS		10/3/17	12:03pm	1	X	X									-04
North Composite	C	SS		10/3/17	12:10pm	1	X	X									-05
Northwest composite	C	SS		10/3/17	12:20pm	1	X	X									-06
South Composite (b)	C	SS		~~10/3/17~~ 10/4/17 AC	12:40pm	1	X	X									-07

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

Remarks: please sign, scan, and return Sub contract Sample receipt checklist to ayazzie@envirotech-inc.com

pH ___ Temp ___

7466 1467 9265

Flow ___ Other ___

Chain of Custody Page ___ of ___

ESC LABORATORY SCIENCES

YOUR LAB OF CHOICE

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

L# L941632

Table # G067

Acctnum: ENVIROFNM

Template:

Prelogin:

TSR: 288 - Daphne Richards

PB:

Shipped Via:

Hold #

Condition: (lab use only) ok

COC Seal Intact: ___Y ___N ___NA

pH Checked: ___ NCF: ___

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Alana Cha	10/4/17	15:35	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

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

Temp: 2.7 °C Bottles Received:

Date: 10-5-17 Time: 845

L94163

Envirotech, Inc.

Phone: (505) 632-0615 Fax: (505) 632-1865

Subcontract Sample Receipt Checklist (ScSRC)

Instructions: Please document any potential abnormalities/nonconformities with the submitted samples. It is requested the subcontract lab scan this document and the COC and email/fax these two documents upon sample receipt. It is also requested the subcontract laboratory call Envirotech immediately with any abnormalities/nonconformances that may impact the general quality of the requested sample analysis.

Envirotech WO ID: P710008 Date shipped 10-04-17

Envirotech SCO Initials: ASL Shipping Carrier: Fed Ex Envirotech email: lyazzie@envirotech-inc.com

Subcontract Lab Name: ESC State of origin: (NM) CO / UT / AZ /Other

				Comments/Resolution
State Certification Information				
Does the receiving laboratory hold the appropriate RCRA/CWA/SDWA state certification?	Yes ✓	□ No	□ NA	
Note: There are no RCRA/CWA state certification programs for the states of NM / CO				
Does the laboratory hold the certification for the requested method(s) of analysis?	Yes ✓	□ No	□ NA	
Chain of Custody (COC) Information				
Does the sample ID match the COC?	Yes □	□ No		
Does the number of samples per sampling site location match the COC?	Yes □	□ No		
Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes □	□ No		
Were samples received within the method specified holding time or is there sufficient holding time left to conduct analysis as standard TAT?	Yes □	□ No		
Sample Turn Around Time (TAT) Information				
Did the COC indicate standard TAT, or expidited TAT? Standard 6-day TAT □; 24-hr rush □; 48-hr rush □; 72-hr rush □; other rush □ _____	Yes □	□ No		
Sample Cooler Information				
Was the sample cooler received in good condition?	Yes □	□ No		
Was the sample(s) received in tact, i.e., not broken?	Yes □	□ No		
Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C	Yes □	□ No		
If no visible ice, record the temperature. Actual sample temperature.		Temperature:		
Sample Container Information				
Is the appropriate volume/weight or number of sample containers collected:	Yes □	□ No		
Sample Preservation Information				
Does the COC or field labels indicate the samples were correctly preserved?	Yes □	□ No	□ NA	
Multiphase Sample Matrix Information				
Does the sample have more than one phase, i.e., multiphase?	Yes □	□ No		
If so, does the COC specify which phase(s) is to be analyzed?	Yes □	□ No		

Subcontract Laboratory Notes

Subcontract Laboratory Information

Subcontract Lab WO ID: _____ Phone No: _____ Email address: _____

Signature of subcontract laboratory sample custodian

Date Received:

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fx (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

ESC LAB SCIENCES
Cooler Receipt Form

Client: ENVIROFNM		SDG#	L941632
Cooler Received/Opened On: 10-5-17		Temperature:	2.7
Received By: Vila Hobbie			
Signature:			

Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	/		
COC Signed / Accurate?		/	
Bottles arrive intact?		/	
Correct bottles used?		/	
Sufficient volume sent?		/	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Chevron

Chain Of Custody Number:

Samples Received: 10/18/2017 2:55:00PM

Job Number: 92270-1646

Work Order: P710065

Project Name/Location: Hallwood Pond Soil Sampling

Report Reviewed By: Walter Hinchman Date: 10/26/17

Walter Hinchman, Laboratory Director

Tim Cain Date: 10/26/17

Tim Cain, Quality Assurance Officer

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	26-Oct-17 18:00

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Background	P710065-01A	Soil	10/03/17	10/18/17	Plastic Baggie

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	26-Oct-17 18:00

Background
P710065-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by 6010									
Copper	**10.4**	2.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Iron	**11100**	50.0	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Manganese	**299**	1.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Zinc	**33.0**	10.0	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Arsenic	ND	1.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Barium	**111**	10.0	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Cadmium	ND	1.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Chromium	ND	5.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Lead	**7.42**	1.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Selenium	ND	5.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Silver	ND	1.00	mg/kg	1	1743012	10/25/17	10/26/17	EPA 6010C	
Anions by 300.0									
Fluoride	ND	2.50	mg/kg	1	1743018	10/25/17	10/25/17	EPA 300.0	
Chloride	ND	20.0	mg/kg	1	1743018	10/25/17	10/25/17	EPA 300.0	
Nitrate-N	**4.62**	2.50	mg/kg	1	1743018	10/25/17	10/25/17	EPA 300.0	
Sulfate	ND	20.0	mg/kg	1	1743018	10/25/17	10/25/17	EPA 300.0	
Total Mercury by 7471B									
Mercury	ND	0.0200	mg/kg	1	1743003	10/25/17	10/25/17	EPA 7471B	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	Reported:
Aztec NM, 87410	Project Manager:	Greg Crabtree	26-Oct-17 18:00

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1743012 - Metals Solid Hotblock Digestion EPA 3050B										
Blank (1743012-BLK1)				Prepared: 25-Oct-17 Analyzed: 26-Oct-17						
Arsenic	ND	1.00	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	1.00	"							
Chromium	ND	5.00	"							
Copper	ND	2.00	"							
Iron	ND	50.0	"							
Lead	ND	1.00	"							
Manganese	ND	1.00	"							
Selenium	ND	5.00	"							
Silver	ND	1.00	"							
Zinc	ND	10.0	"							
LCS (1743012-BS1)				Prepared: 25-Oct-17 Analyzed: 26-Oct-17						
Arsenic	24.8	1.00	mg/kg	25.0		99.2	80-120			
Barium	592	10.0	"	625		94.7	80-120			
Cadmium	24.9	1.00	"	25.0		99.6	80-120			
Chromium	25.1	5.00	"	25.0		100	80-120			
Copper	24.7	2.00	"	25.0		98.8	80-120			
Iron	1220	50.0	"	1250		97.3	80-120			
Lead	25.0	1.00	"	25.0		99.9	80-120			
Manganese	24.2	1.00	"	25.0		96.7	80-120			
Selenium	24.6	5.00	"	25.0		98.6	80-120			
Silver	2.43	1.00	"	2.50		97.3	80-120			
Zinc	238	10.0	"	250		95.2	80-120			
Matrix Spike (1743012-MS1)	Source: P710065-01			Prepared: 25-Oct-17 Analyzed: 26-Oct-17						
Arsenic	18.5	1.00	mg/kg	25.0	ND	73.9	75-125			SPK1
Barium	581	10.0	"	625	111	75.1	75-125			
Cadmium	19.5	1.00	"	25.0	ND	78.0	75-125			
Chromium	28.7	5.00	"	25.0	ND	115	75-125			
Copper	33.3	2.00	"	25.0	10.4	91.7	75-125			
Iron	14000	100	"	1250	11100	229	75-125			SPK2
Lead	25.2	1.00	"	25.0	7.42	71.0	75-125			SPK1
Manganese	343	1.00	"	25.0	299	176	75-125			SPK1
Selenium	18.8	5.00	"	25.0	ND	75.3	75-125			
Silver	2.09	1.00	"	2.50	ND	83.6	75-125			
Zinc	225	10.0	"	250	33.0	76.8	75-125			
Matrix Spike Dup (1743012-MSD1)	Source: P710065-01			Prepared: 25-Oct-17 Analyzed: 26-Oct-17						
Arsenic	19.0	1.00	mg/kg	25.0	ND	75.9	75-125	2.56	20	
Barium	576	10.0	"	625	111	74.4	75-125	0.778	20	SPK1
Cadmium	20.0	1.00	"	25.0	ND	80.0	75-125	2.58	20	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	26-Oct-17 18:00

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1743012 - Metals Solid Hotblock Digestion EPA 3050B										
Matrix Spike Dup (1743012-MSD1)	**Source: P710065-01**			Prepared: 25-Oct-17 Analyzed: 26-Oct-17						
Chromium	28.6	5.00	"	25.0	ND	114	75-125	0.350	20	
Copper	33.4	2.00	"	25.0	10.4	92.0	75-125	0.225	20	
Iron	13800	100	"	1250	11100	211	75-125	1.55	20	SPK2
Lead	25.6	1.00	"	25.0	7.42	72.6	75-125	1.58	20	SPK1
Manganese	326	1.00	"	25.0	299	108	75-125	5.09	20	
Selenium	19.3	5.00	"	25.0	ND	77.3	75-125	2.58	20	
Silver	2.11	1.00	"	2.50	ND	84.2	75-125	0.715	20	
Zinc	228	10.0	"	250	33.0	78.2	75-125	1.54	20	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	26-Oct-17 18:00

Anions by 300.0 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1743018 - Anion Extraction EPA 300.0										
Blank (1743018-BLK1)				Prepared & Analyzed: 25-Oct-17						
Fluoride	ND	2.50	mg/kg							
Chloride	ND	20.0	"							
Nitrate-N	ND	2.50	"							
Sulfate	ND	20.0	"							
LCS (1743018-BS1)				Prepared & Analyzed: 25-Oct-17						
Fluoride	25.6	2.50	mg/kg	25.0		102	90-110			
Chloride	255	20.0	"	250		102	90-110			
Nitrate-N	24.3	2.50	"	25.0		97.1	90-110			
Sulfate	255	20.0	"	250		102	90-110			
Matrix Spike (1743018-MS1)		Source: P710065-01		Prepared & Analyzed: 25-Oct-17						
Fluoride	20.2	2.50	mg/kg	25.0	ND	80.8	80-120			
Chloride	258	20.0	"	250	ND	103	80-120			
Nitrate-N	30.7	2.50	"	25.0	4.62	104	80-120			
Sulfate	260	20.0	"	250	ND	104	80-120			
Matrix Spike Dup (1743018-MSD1)		Source: P710065-01		Prepared & Analyzed: 25-Oct-17						
Fluoride	20.6	2.50	mg/kg	25.0	ND	82.6	80-120	2.20	20	
Chloride	258	20.0	"	250	ND	103	80-120	0.291	20	
Nitrate-N	30.6	2.50	"	25.0	4.62	104	80-120	0.327	20	
Sulfate	260	20.0	"	250	ND	104	80-120	0.0308	20	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	26-Oct-17 18:00

Total Mercury by 7471B - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1743003 - Mercury Solid Digestion KMNO4										
Blank (1743003-BLK1)				Prepared & Analyzed: 25-Oct-17						
Mercury	ND	0.0200	mg/kg							
LCS (1743003-BS1)				Prepared & Analyzed: 25-Oct-17						
Mercury	0.157	0.0200	mg/kg	0.160		97.8	80-120			
Matrix Spike (1743003-MS1)		Source: P710065-01		Prepared & Analyzed: 25-Oct-17						
Mercury	0.174	0.0200	mg/kg	0.160	ND	109	75-125			
Matrix Spike Dup (1743003-MSD1)		Source: P710065-01		Prepared & Analyzed: 25-Oct-17						
Mercury	0.174	0.0200	mg/kg	0.160	ND	109	75-125	0.118	15	

envirotech
Analytical Laboratory

Chevron	Project Name:	Hallwood Pond Soil Sampling	
322 Road 3100	Project Number:	92270-1646	**Reported:**
Aztec NM, 87410	Project Manager:	Greg Crabtree	26-Oct-17 18:00

Notes and Definitions

SPK2	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to native analyte concentration at 4 times or greater than the spike concentration.
SPK1	The spike recovery is outside of quality control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Felipe Aragon

Subject: Sent from Snipping Tool

(1)	Arsenic (As)	0.1 mg/l
(2)	Barium (Ba)	1.0 mg/l
(3)	Cadmium (Cd)	0.01 mg/l
(4)	Chromium (Cr)	0.05 mg/l
(5)	~~Cyanide (CN)~~	0.2 mg/l
(6)	Fluoride (F)	1.6 mg/l
(7)	Lead (Pb)	0.05 mg/l
(8)	Total Mercury (Hg)	0.002 mg/l
(9)	Nitrate (NO_3 as N)	10.0 mg/l
(10)	Selenium (Se)	0.05 mg/l
(11)	Silver (Ag)	0.05 mg/l
(12)	~~Uranium (U)~~	0.03 mg/l
(13)	**Radioactivity: Combined Radium-226 & Radium-228**	**30 pCi/l**
(14)	~~Benzene~~	0.01 mg/l
(15)	**Polychlorinated biphenyls (PCB's)**	**0.001 mg/l**
(16)	~~Toluene~~	0.75 mg/l
(17)	**Carbon Tetrachloride**	**0.01 mg/l**
(18)	**1,2-dichloroethane (EDC)**	**0.01 mg/l**
(19)	**1,1-dichloroethylene (1,1-DCE)**	**0.005 mg/l**
(20)	**1,1,2,2-tetrachloroethylene (PCE)**	**0.02 mg/l**
(21)	**1,1,2-trichloroethylene (TCE)**	**0.1 mg/l**
(22)	~~ethylbenzene~~	0.75 mg/l
(23)	~~total xylenes~~	0.62 mg/l
(24)	**methylene chloride**	**0.1 mg/l**
(25)	**chloroform**	**0.1 mg/l**
(26)	**1,1-dichloroethane**	**0.025 mg/l**
(27)	**ethylene dibromide (EDB)**	**0.0001 mg/l**
(28)	**1,1,1-trichloroethane**	**0.06 mg/l**
(29)	**1,1,2-trichloroethane**	**0.01 mg/l**
(30)	**1,1,2,2-tetrachloroethane**	**0.01 mg/l**
(31)	**vinyl chloride**	**0.001 mg/l**
(32)	**PAHs: total naphthalene plus monomethylnaphthalenes**	**0.03 mg/l**
(33)	**benzo-a-pyrene**	**0.0007 mg/l**

Other Standards for Domestic Water Supply

(1)	Chloride (Cl)	250.0 mg/l
(2)	Copper (Cu)	1.0 mg/l
(3)	Iron (Fe)	1.0 mg/l
(4)	Manganese (Mn)	0.2 mg/l
(6)	**Phenols**	**0.005 mg/l**
(7)	Sulfate (SO_4)	600.0 mg/l
(8)	**Total Dissolved Solids (TDS)**	**1000.0 mg/l**
(9)	Zinc (Zn)	10.0 mg/l
(10)	**pH**	**between 6 and 9**

Just Highlighted Analyses per Felipe 10/18/17

Project Information — **Chain of Custody** — Page 1 of 1

Client: Chevron
Project: Hallwood Pond Soil Sampling
Project Manager: G. Crabtree
Address:
City, State, Zip
Phone:
Email: G. Crabtree F.aragon

Report Attention
Report due by: S-TAT
Greg
Address:
City, State, Zip
Phone:

Lab Use Only
Lab WO#: P710065
Job Number: 92270-1646

TAT: 1D | 3D

EPA Program: RCRA x | CWA | SDWA

State: NM x | CO | UT | AZ

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Total RCRA 8 Metals 6010	Chlorides 300.0	TPH 418.1	PCB 8082	* see attached				Remarks
13:15	10/3/2017	s	1	Background	1									X				plastic baggie

Additional Instructions: Highlighted analysis on back -lm Sampled by J. Swigart, F. Aragon relinquished to lab -lm Confirmed anions by 300.0 F/Cl/NO$_3$/SO$_4$; Total 6010/747x 8; 6010 Total Cu, Fe, Mn, Zn -lm 10/18/17

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: F. Aragon

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10-18-17	14:55	[signature]	10-18-17	14:55
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ________

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboraotry is limited to the amount paid for on the report.

APPENDIX B

Envirotech Landfarm BOL's, Chloride and Paint Filter Testing

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30386

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-3-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Evaporation Pond 2F2		Cont Soil	U-13	8		Envirotech	615	1425	
2	Hallwood	LF2	cont Soil	U-13	14		"	614	1440	Mike Hart
3	"	"	"	U-13	10		"	559	1530	
4	"	"	"	U-13	10		"	615	1745	
5	"	"	"	U-13	14		"	614	1745	Mike Hart
6	"	"	"	T-13		55	Polaris	604	1810	
7	"	"	"	T-13		55	Polaris	608	1810	
					56	110				

ENTERED JUN 0 6 2008

RESULTS

281-2
324-31(2)
421(2)

CHLORIDE TEST	7
PAINT FILTER TEST	7

LANDFARM EMPLOYEE: (illegible)

NOTES: Last 4 loads late receivals

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME M Winterton COMPANY ETEC SIGNATURE

COMPANY CONTACT PHONE 505-632-0615 DATE 6-3-08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30379

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-03-08 JOB # 922-70-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Chevron Evaporation Pond-Fill	clean		12		Envirotech	559	1245	Robert Patch
2	"	"	"		12		"	559		
					12					

ENTERED JUN 06 2008

RESULTS			LANDFARM EMPLOYEE:	NOTES:
	CHLORIDE TEST		Colon	
	PAINT FILTER TEST			

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Robert Patch COMPANY Envirotech, INC. SIGNATURE Robert Patch

COMPANY CONTACT _____ PHONE _____ DATE 6-03-08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30389

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-04-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Hollwood	CF2	Ent. Soil	T-13	10		Envirotech	559	750	
2	"	"	"	T-13	16		"	614	1030	
3	"	"	"	T-13	10		"	615	1040	
4	"	"	"	T-13	10		"	559	1055	
5	"	"	"	T-13	10		Envirotech	615	1310	
6	"	"	"	T-13	10		"	559	1405	
7	"	"	"	S-13		130	Rock Springs	20	1500	
8	"	"	"	T-13	12		Envirotech	572	1530	
9	"	"	"	T-13	12		"	559	1640	
10	"	"	"	S-12		130	Rock Springs	19	1720	
11	"	"	"	T-12		55	Polaris	604	2012	
12	"	"	"	T-12		40	Polaris	608	2015	

RESULTS			LANDFARM EMPLOYEE:	NOTES:
281	CHLORIDE TEST	12	Leroy 90 35	Last 3 loads late receival
	PAINT FILTER TEST	12		ENTERED JUN 06 2008

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Kulon Hatch COMPANY E-Tech SIGNATURE

COMPANY CONTACT PHONE 505 632-0615 DATE 06-04-08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30400

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-05-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	CHEVRON Hallwood	CF2	Cont Soil	U-12	12		Envirotech	559	955	
2	"	"	"	U-12	12		"	572	955	
3	"	"	"	U-12	18		"	614	1120	
4	"	"	"	U-12	12		"	572	1230	
5	"	"	"	U-12	12		"	559	1240	
6	"	"	"	U-12	18		"	614	1335	
7	"	"	"	U-12		130	Rock Springs	20	1350	
8	"	"	"	V-12	12		Envirotech	372	1500	
9	"	"	"	V-12	12		"	559	1515	
10	"	"	"	V-12	18		"	614	1555	
11	"	"	"	V-12	126	130	Rocksprings	19	1600	
12	"	"	"	W-12	126	130	Rock Springs	25	1710	

RESULTS

371 (7)
281 (5)

CHLORIDE TEST	12	
PAINT FILTER TEST	12	

LANDFARM EMPLOYEE: Gary

390

NOTES:

ENTERED IN

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jim Cardenas COMPANY E-Tech SIGNATURE

COMPANY CONTACT Jim M PHONE 947-1166 DATE 6-5-08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30408

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-5-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Hallwood	BF	Sludge	Y-12		55	Polaris	608	1730	James Mallett
2	"	"	"	Y-12		55	Polaris	604	1730	Jeff Walters
						110				

ENTERED JUN 10 2008

RESULTS			LANDFARM EMPLOYEE:	NOTES:
281	CHLORIDE TEST	2	Clint	
	PAINT FILTER TEST	2		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME James Mallett COMPANY Polaris SIGNATURE

COMPANY CONTACT PHONE 505 632-0615 DATE 6/5/08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30416

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-06-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Citation Hallwood	LF2	Cont Soil	CC-12	12		Envirotech	559	1225	
2	"	"	"	CC-12	12		"	572	1225	
3	"	"	"	CC-12	20		"	560	1240	
4	"	"	"	CC-12		130	Rock Springs	30	1420	
5	"	"	"	CC-12	12		Envirotech	559	1505	
6	"	"	"	CC-12	12		"	572	1505	
7	"	"	"	DD-12		130	Rock Springs	19	1550	
8	"	"	"	DD-12		30	Rock Springs	25	1635	
9	"	"	"	DD-12		55	Polaris	604	1640	
10	"	"	"	S-11		55	Polaris	608	1655	
					68	400				

RESULTS

~~511-~~ 281(8)

CHLORIDE TEST	10	
PAINT FILTER TEST	10	

LANDFARM EMPLOYEE: Colby

NOTES:

ENTERED JUN 10 2008

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Kulon Hatch COMPANY E-Tech SIGNATURE

COMPANY CONTACT PHONE DATE 6-6-08

san juan reproduction 578-126

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30422

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-9-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Elliott Hallwood	U-2	Cont Soil	T-11	20		Envirotech	558	1005	
2	"	"	"	T-11	20		"	560	1010	
3	"	"	"	U-11	20		"	545	1045	
4	"	"	"	U-11	20		"	558	1240	
5	"	"	"	V-11	20		"	560	1250	
6	"	"	"	V-11	20		"	558	325	
7	"	"	"	W-11	20		"	560	330	
					140					

ENTERED JUN 10 2008

RESULTS			LANDFARM EMPLOYEE:	NOTES:
4281 (3) 281 (4)	CHLORIDE TEST	✓		
	PAINT FILTER TEST	✓		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME M Winterton COMPANY ETEC SIGNATURE M Winterton

COMPANY CONTACT PHONE 505-632-0615 DATE 6-9-08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30426

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-9-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Ball Wood	BF	Sludge	Y-11		130	Rocksprings	20	12:00	
2	"	"	"	Z-11		130	Rocksprings	25	1340	
3	"	"	"	AA-11		130	Rocksprings	22	1635	
4	"	"	"	BB-11		55	Polaris	604	1735	
5	"	"	"	BB-11		130	Rocksprings	20	1925	
6	"	"	"	Y-11		55	Polaris	608	2030	
						630				

ENTERED JUN 10 2008

RESULTS			LANDFARM EMPLOYEE:	NOTES:
281	CHLORIDE TEST	6		Late receival last 3 loads
	PAINT FILTER TEST	6		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Pete Lee COMPANY Rock Spring Transport (OH) SIGNATURE

COMPANY CONTACT Glen Richard PHONE DATE 6-9-08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30434

DATE 6-10-08 JOB # 92270-0204

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	CHEVRON HALLWOOD	EF	Sludge	U-20		130	Rock Springs	30	1420	
2	"	"	"	V-20		130	Rock Springs	25	1655	
3	"	"	"	W-20		100	Rock Springs	22	1835	
4	"	"	"	X-20		55	Polaris	815	1930	
5	"	"	"	X-20		55	Polaris	608	1930	
						470				

ENTERED JUN 13 2008

RESULTS			LANDFARM EMPLOYEE:	NOTES:
281	CHLORIDE TEST	5	Leroy	Last 3 loads late renewal
	PAINT FILTER TEST	5		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Pete Lee COMPANY Rock Spring SIGNATURE

COMPANY CONTACT PHONE DATE 06-10-08

san juan reproduction 578-126

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30443

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-11-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	CHEVRON HALLWOOD ~~LAPATA~~ pond	LF-2	cont Dirt	W-20	16		ENVIROTECH	614	11:30A	Mike Hoyt
2	"	"	"	W-20	10		"	614	1615	Mike Hoyt
3	"	"	Sludge	Y-20	"	130	Rock Springs	20	1715	[illegible]
4	"	"	"	Y-20		30	Polaris	608	1715	[illegible]
5	"	"	"	Y-20		55	"	815	1715	[illegible]
					26	215				

RESULTS
<281 (2)
532 (3)

CHLORIDE TEST	5
PAINT FILTER TEST	5

LANDFARM EMPLOYEE: Roy

NOTES:

ENTERED JUN 17 2008

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

COMPANY CONTACT ______ PHONE ______ DATE 6-11-08

san juan reproduction 578-126

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30545

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-23-08 JOB # 92270-0204

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Chevron Hallwood	Clean Fill ~~Cuttings~~		20		E/EC	560	1020	
2	"	"	"		20		"	545	1030	
3	"	"	"		20		Envirotech	560	1235	
4	"	"	"		20		"	545	1245	
5	"	"	"		12		"	615	1325	
6	"	"	"		18		"	614	1355	Mike Hoot
7	"	"	"		20		"	560	1500	
8	"	"	"		20		"	545	1505	
					150					

RESULTS

	CHLORIDE TEST		LANDFARM EMPLOYEE: Leroy
	PAINT FILTER TEST		

NOTES:

ENTERED JUN 25 2008

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Harry Hallwood COMPANY Envirotech SIGNATURE

COMPANY CONTACT PHONE DATE 6-23-08

ENVIROTECH INC.

Bill of Lading

MANIFEST # 30555

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-24-08 JOB # 92270-0204

LOAD NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Hallwood LF2	CHEVRON HALLWOOD	Clean Fill		20		Envirotech	545	800	[signature]
2	"	"	"		20		"	545	1035	[signature]
3	"	"	"		18		"	614	1040	Mike Hoyt
4	"	"	"		18		"	614	13:22	Mike Hoyt
5	"	"	"		20		"	545	13:22	[signature]
					96					

ENTERED JUN 27 2008

RESULTS		LANDFARM EMPLOYEE:	Rubén	NOTES:
CHLORIDE TEST				
PAINT FILTER TEST				

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Rubén Haren COMPANY Envirotech, Inc. SIGNATURE [signature]

COMPANY CONTACT PHONE 505 6320615 DATE 6-24-08

san juan reproduction 578-126

APPENDIX B

Basin Disposal

BASIN DISPOSAL, INC.

*SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 • AZTEC, NEW MEXICO 87410 • PHONE (505) 632-8936

NO. 411929
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE _____ DEL. TKT#. 1115

GENERATOR: Enrich Inc. BILL TO: _____

HAULING CO. _____ DRIVER: _____
(Print Full Name)

ORDERED BY: _____ CODES: _____

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☐ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☐ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
1								
2								
3								
4								
5								
						TOTAL		

I, _____ representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☒ Approved ☐ Denied ATTENDANT SIGNATURE: _____

san juan reproduction 158-6

BASIN DISPOSAL, INC.

*SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 • AZTEC, NEW MEXICO 87410 • PHONE (505) 632-8936

NO. 412049
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE MAY 07, 2008
DEL. TKT#. 60501

GENERATOR: CHEVRON (ENVIROTECH INC)
BILL TO: CHEVRON (ENV. INC)

HAULING CO. ROCKSPRING
DRIVER: PETER SILVERTY
(Print Full Name)

ORDERED BY: NACLE HALLIBURTON
CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☒ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☒ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
A 1	1KSI	EVAPORATION POND FAC.	130	3:55		1		113.75
2								
3								
4								
5								
							TOTAL	

I, [signature] representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☐ Approved ☐ Denied ATTENDANT SIGNATURE: Peter Bregay

san juan reproduction 168-6

BASIN DISPOSAL, INC.

"SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 · AZTEC, NEW MEXICO 87410 · PHONE (505) 632-8936

NO. 412000
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE: MAY 07, 2008 — DEL. TKT#: 60455

GENERATOR: ENVIROTECH INC — BILL TO: ENVIROTECH INC

HAULING CO.: ROCK SPRING — DRIVER: PETE LEE (Print Full Name)

ORDERED BY: NACOLE HAWORTH — CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☒ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☒ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
1 1	20 J-55	EVAPORATION POND FACILITY	130	11:25	/			113.75
T.H. 2 2	20 J-55	EVAPORATION POND FAC.	130	5:00		/		113.75
3								
4								
5								
							TOTAL	

I, [signature] representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☒ Approved ☐ Denied ATTENDANT SIGNATURE: [signature]

san juan reproduction 168-6

BASIN DISPOSAL, INC.

*SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 · AZTEC, NEW MEXICO 87410 · PHONE (505) 632-8936

NO. 412134
NMOCD PERMIT NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE MAY 08, 2008
DEL. TKT#. 59823
GENERATOR: CHEVRON ENVIROTECH INC
BILL TO: CHEVRON ENV. INC.
HAULING CO. ROCK SPRING
DRIVER: PETER SHORTY
(Print Full Name)
ORDERED BY: NICOLE HAYWARD
CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☒ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☑ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
1	19 T-54	EVAPORATION POND FACILITY	130	11:15	/			113.75
2								
3								
4								
5								
							TOTAL	

I, [illegible] representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☐ Approved ☐ Denied ATTENDANT SIGNATURE: Lester Begay

san juan reproduction 158-6

BASIN DISPOSAL, INC.

"SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 • AZTEC, NEW MEXICO 87410 • PHONE (505) 632-8936

NO. 412145

NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE MAY 08, 2008

DEL. TKT#. 60164

GENERATOR: CHEVRON (ENVIROTECH INC)

BILL TO: CHEVRON (ENV. INC)

HAULING CO. ROCK SPRING

DRIVER: PETE LEE
(Print Full Name)

ORDERED BY: NAOMI HAVIVARD

CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☒ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☒ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
1	R520 T-55	EVAPORATION POND FACILITY	130	12:30		1		113.75
2								
3								
4								
5								
						TOTAL		

I, Peter Lee representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☒ Approved ☐ Denied ATTENDANT SIGNATURE: Lester Begay

san juan reproduction 168-6

NO. 412334

NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

BASIN DISPOSAL, INC.

"SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 • AZTEC, NEW MEXICO 87410 • PHONE (505) 632-8936

DATE 5/9/03

DEL. TKT#. 59824

GENERATOR: Chevron Cannaloch

BILL TO: Chevron

HAULING CO. Rick Spring

DRIVER: Peter Shield
(Print Full Name)

ORDERED BY: Nicole Hayward

CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☑ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☑ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
1	17154	Evaporation Pit	130	4:00		V		113.75
2								
3								
4								
5								
						TOTAL		

I, Peter Shield representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☑ Approved ☐ Denied ATTENDANT SIGNATURE: [signature]

san juan reproduction 168-6

BASIN DISPOSAL, INC.
"SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 • AZTEC, NEW MEXICO 87410 • PHONE (505) 632-8936

NO. 412278
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 5/9/08
DEL. TKT#. 60456
GENERATOR: Envirotech
BILL TO: Envirotech
HAULING CO. Red Spring
DRIVER: Pete Lee
(Print Full Name)
ORDERED BY: Nicole Hayward
CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☑ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☒ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
1	1526	Env [illegible]	130	11:30	✓			113.5
2								
3								
4								
5								
		130		10.0				
							TOTAL	

I, Pete Lee representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☒ Approved ☐ Denied ATTENDANT SIGNATURE: [signature]

BASIN DISPOSAL, INC.

*SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 100 • AZTEC, NEW MEXICO 87410 • PHONE (505) 632-8936

N 412278 139504
NMOCD PERMIT: NM-001-0005
Oil Field Waste Document Form C138
INVOICE:

DATE 5/9/08 DEL. TKT#. 60456

GENERATOR: Envirotech BILL TO: Envirotech

HAULING CO. Rock Spring DRIVER: Pete Lee
(Print Full Name)

ORDERED BY: Nacide Hayward CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☑ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☑ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	TIME	AM	PM	COST	TOTAL
1	RS20	Evaporation Pond Fac	130	11:30	✓			113.75
2								
3								
4								
5								
						TOTAL		

I, Pete Lee representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt, Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mixing policy.

☑ Approved ☐ Denied ATTENDANT SIGNATURE Myrl A Gilpin

san juan reproduction 188-6

APPENDIX C

Special Waste Shipment Records

WM
WASTE MANAGEMENT

WM of NM - San Juan County
78 Co[illegible]y Road 3140
Aztec, [illegible]M, 87410
Ph: (505) 334-1121

Original
Ticket# 1113251

92210-0204

Customer Name	ENVIROTECHINC ENVIROTECH INC	Carrier	ENVIRO ENVIRO TECH INC		
Ticket Date	06/10/2008	Vehicle#	XXX	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver			
Hauling Ticket#		Check#			
Route		Billing #	0000055		
State Waste Code		Gen EPA ID			
Manifest	15168				
Destination		Grid			
PO	9785				
Profile	100187NM (PVC PIPE AND PLASTIC LINER)				
Generator	153-CHEVRON LA PLATA WATER CHEVRON LAPLATA PRODUCED WATER				

	Time	Scale	Operator	Inbound	Gross
In	06/10/2008 12:22:53	MANUAL WT	vickyq		Tare
Out	06/10/2008 12:22:53		vickyq		Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Cubic	100	10.00	Yards	16.50		$165.00	SANJ
2	FUEL-TAX-Taxable F	100		%	7.37	1.55	$25.06	SANJ
3	PENV-TAX-Taxable E	100		%	2.00	0.42	$6.80	SANJ
4	ONT-CNT	100	1	Each	175.00	10.83	$175.00	SANJ

Total Tax	$12.80
Total Ticket	$384.66

Driver's Signature

403WM

6-10-06 10yd ... Ticket # 1113251 15815

SPECIAL WASTE SHIPMENT RECORD

WASTE MANAGEMENT OF NEW MEXICO, INC.
SAN JUAN COUNTY REGIONAL LANDFILL
PERMIT #SWM-052426, #SWM-052426SP
#78 CR 3140 P.O. Box 1402
Aztec, New Mexico 87410
505/334-1121

Shipment # ____________

Profile # 100187001 (Required)

1. Generator's Work site name and address (physical site address of waste generation)
HALLWOOD EVAPORATION POND NW/4 SE/4 SEC 25 TWP 32N RNG 13W SAN JUAN COUNTY

2. Generator's name and address	**Generator's Telephone no.**
CHEVRON MID-CONTINENT LP 332 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410	505 334-3657
3. Authorized Agent name and address (if different from #2)	**Agent's Telephone no.**

4. Description materials	**5. Container's**	**6. Total Quantity**
PVC PIPE RUBBER HOSES	No. 1 Type B	(tons) 10 (yd3)

7. Special handling instructions

8. GENERATOR or AUTHORIZED AGENT CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway in accordance with applicable international and government regulations. I hereby certify that the above named material does not contain free liquid as defined by 40CFR Part 258.28 and is not a hazardous waste as defined by 40CFR 261 or any applicable state law.

Generator or Agent (Printed/typed name and title)	Generator or Agents Signature	Month/Day/Year
MICHAEL W. APPLE	[signature]	6/10/08

9. Transporter 1 (Acknowledgement of receipt of materials)

Printed/typed name & title, address, telephone no.	Driver Signature	Month/Day/Year
Mike Hoyt ENVIROTECH INC HWY 64 5986 FARMINGTON N. MEX 505-632-0615	Mike Hoyt	6/10/08

10. Transporter 2 (Acknowledgement of receipt of materials)

Printed/typed name & title, address, telephone no.	Driver Signature	Month/Day/Year
		/ /

11. Discrepancy indication space

12. Waste disposal site Location co-ordinates (X,Y,Z)
ELEV 5765 N 36 46.011 W 108 03.537

Received by name and title (Printed/typed)	SJC Landfill Rep. Signature	Month / Day / Year
Landfill attendant / Vicky Quintana	Vicky Quintana	6/10/06

White/GEN Yellow/LANDFILL Pink/TRANSPORTER Golden/GEN

san juan reproduction 98-165

WASTE MANAGEMENT

WM of NM - San Juan County
78 County Road 3140
Aztec, NM, 87410

Reprint
Ticket# 1113761
Ph: (505) 334-1121

Customer Name ENVIROTECHINC ENVIROTECH INC
Ticket Date 06/12/2008
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 9785

Carrier ENVIRO ENVIRO TECH INC
Vehicle# XXX
Container
Driver
Check#
Billing# 0000055
Grid
Volume

	Time	Scale	Operator	Inbound	Gross
In	06/12/2008 12:59:03	MANUAL WT	tlockhar		Tare
Out	06/12/2008 12:59:03		tlockhar		Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Cubic Yards	100	18.00	Yards	16.50		$297.00	SANJ
2	FUEL-T-Fuel Surcharge -	100		%	7.37	1.35	$21.89	SANJ
3	PENV-T-Environmental Fee	100		%	2.00	0.37	$5.94	SANJ

Total Tax $1.72
Total Ticket $326.55

Driver's Signature

403WM

WASTE MANAGEMENT

WM of NM - San Juan County
78 County Road 3140
Aztec, NM, 87410

Reprint
Ticket# 1113837
Ph: (505) 334-1121

Customer Name ENVIROTECHINC ENVIROTECH INC Carrier ENVIRO ENVIRO TECH INC
Ticket Date 06/12/2008 Vehicle# XXX Volume

Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 0000055
Destination Grid
PO# 9785

	Time	Scale	Operator	Inbound	Gross
In	06/12/2008 16:30:41	MANUAL WT	tlockhar		Tare
Out	06/12/2008 16:30:41		tlockhar		Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Cubic Yards	100	24.00	Yards	16.50		$396.00	SANJ
2	FUEL-T-Fuel Surcharge -	100		%	7.37	1.81	$29.19	SANJ
3	PENV-T-Environmental Fee	100		%	2.00	0.49	$7.92	SANJ

Total Tax $2.30
Total Ticket $435.41

Driver's Signature

403WM

WASTE MANAGEMENT

WM of NM - San Juan County
78 County Road 3140
Aztec, NM, 87410

Reprint
Ticket# 1113993
Ph: (505) 334-1121

Customer Name	ENVIROTECHINC ENVIROTECH INC	Carrier	ENVIRO ENVIRO TECH INC
Ticket Date	06/13/2008	Vehicle#	XXX
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Route		Check#	
Hauling Ticket#		Billing#	0000055
Destination		Grid	
PO#	9785		

	Time	Scale	Operator	Inbound	Gross
In	06/13/2008 11:54:52	MANUAL WT	tlockhar		Tare
Out	06/13/2008 11:54:52		tlockhar		Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Cubic Yards	100	24.00	Yards	16.50		$396.00	SANJ
2	FUEL-T-Fuel Surcharge -	100		%	7.37	1.81	$29.19	SANJ
3	PENV-T-Environmental Fee	100		%	2.00	0.49	$7.92	SANJ

Total Tax	$2.30
Total Ticket	$435.41

Driver's Signature

403WM

WASTE MANAGEMENT

WM of NM - San Juan County
78 County Road 3140
Aztec, NM, 87410

Reprint
Ticket# 1113999

Ph: (505) 334-1121

Customer Name ENVIROTECHINC ENVIROTECH INC
Ticket Date 06/13/2008
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 9785

Carrier ENVIRO ENVIRO TECH INC
Vehicle# XXX
Container
Driver
Check#
Billing# 0000055
Grid
Volume

	Time	Scale	Operator	Inbound	Gross
In	06/13/2008 12:34:13	MANUAL WT	tlockhar		Tare
Out	06/13/2008 12:34:13		tlockhar		Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Cubic Yards	100	24.00	Yards	16.50		$396.00	SANJ
2	FUEL-T-Fuel Surcharge -	100		%	7.37	1.81	$29.19	SANJ
3	PENV-T-Environmental Fee	100		%	2.00	0.49	$7.92	SANJ

Total Tax $2.30
Total Ticket $435.41

Driver's Signature

403WM

WASTE MANAGEMENT

WM of NM - San Juan County
78 County Road 3140
Aztec, NM, 87410

Reprint
Ticket# 1115214

Ph: (505) 334-1121

Customer Name ENVIROTECHINC ENVIROTECH INC
Ticket Date 06/18/2008
Payment Type Credit Account
Manual Ticket#
Route

Carrier ENVIRO ENVIRO TECH INC
Vehicle# XXX
Container
Driver
Check#
Volume

Hauling Ticket#
Destination
PO# 9785

Billing# 0000055
Grid

	Time	Scale	Operator	Inbound	Gross
In	06/18/2008 09:38:30	MANUAL WT	tlockhar		Tare
Out	06/18/2008 09:38:30		tlockhar		Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Cubic Yards	100	20.00	Yards	16.50		$330.00	SANJ
2	FUEL-T-Fuel Surcharge -	100		%	7.37	1.50	$24.32	SANJ
3	PENV-T-Environmental Fee	100		%	2.00	0.41	$6.60	SANJ

Total Tax $1.91
Total Ticket $362.83

Driver's Signature

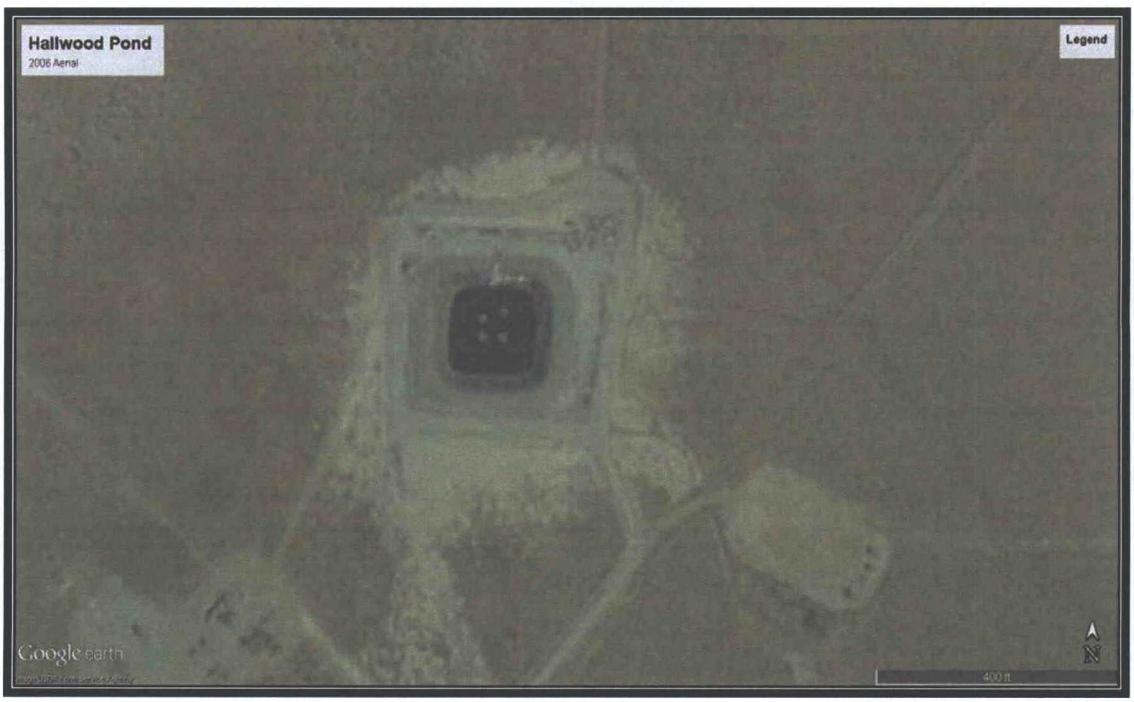
403WM

APPENDIX D

Site Photography

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

2005 Aerial



2006 Aerial

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 1

Photo 2

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 3

Photo 4

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 5

Photo 6

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 7

Photo 8

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 9

Photo 10

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

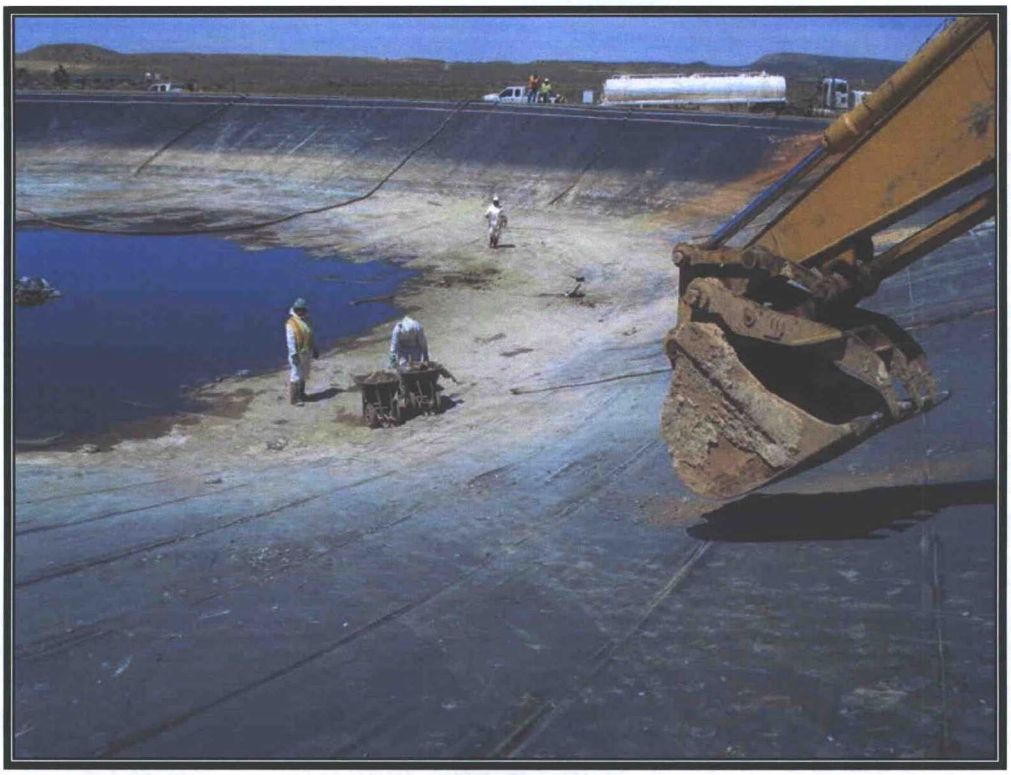


Photo 11

Photo 12

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 13

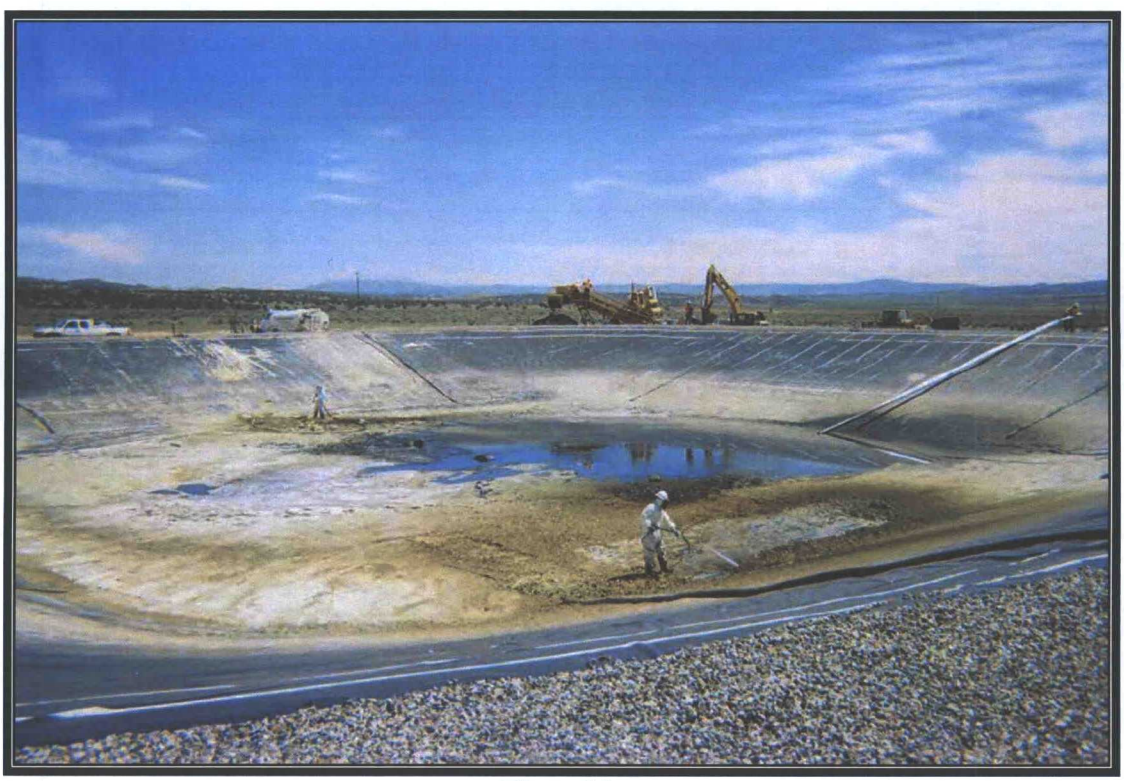


Photo 14

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 15

Photo 16

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

Photo 17: Trench for Sump Investigation

Photo 18: Trench

Chevron Mid-Continent LP
Hallwood Evaporation Pond
Project No. 92270-1646

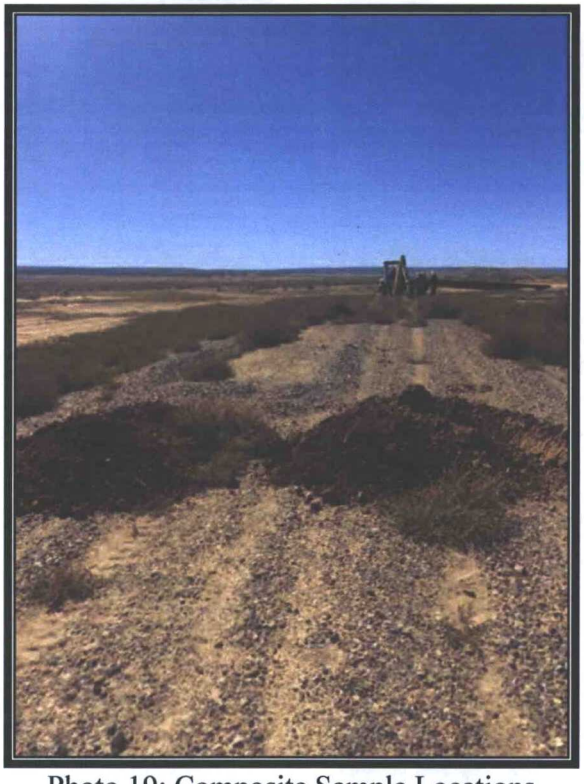


Photo 19: Composite Sample Locations

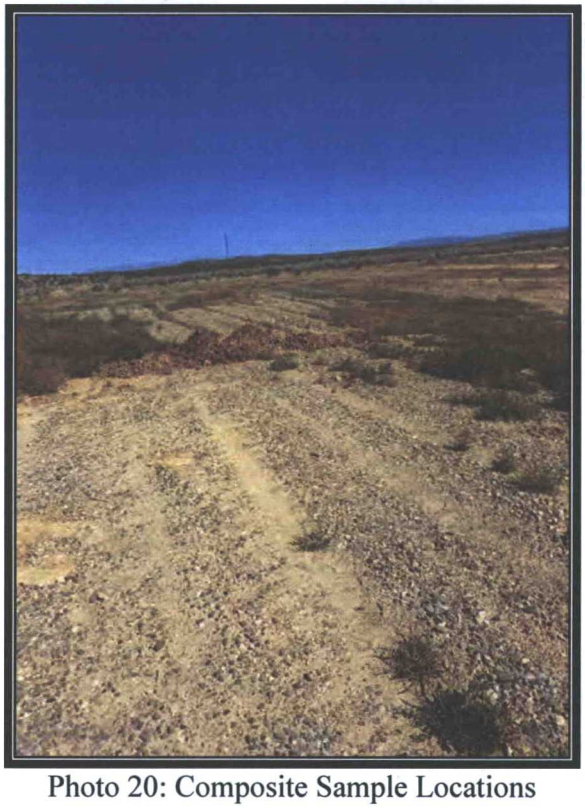


Photo 20: Composite Sample Locations