District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

30-045-28276

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	ConocoPhillips Company	Contact	Kelsi Gurvitz
Address	3401 E. 30th St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	San Juan 32-8 Unit 243	Facility Type	Gas Well API #3004528276
Surface Owner	Federal	Mineral Owner	Federal
		Lease No.	SF-080854

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	11	31N	08W	983'	South	1145'	West	San Juan

Latitude 36.90702° N Longitude 107.64947° W

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 56 BBL	Volume Recovered – 50 BBL
Source of Release: Water Tank	Date and Hour of Occurrence unknown	Date and Hour of Discovery 4/13/10 3:15 p.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Brandon Powell, NMOCD- verbal and email Kevin Schneider, BLM –verbal and email	
By Whom? Kelsi Gurvitz	Date and Hour – 4/14/10 2:50 p.m.	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* **On April 13, 2010, it was discovered that the water tank had overflowed. Upon discovery, the well was shut in and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.* **Approximately 50 BBL of fluid were recovered from location. An estimated 6 BBLS of the produced water left location & traveled roughly 840 feet off location with a 5 inch wide & 1 inch deep spill path, along the bar ditch on the lease road. Confirmation sampling occurred within the berm and the impacted area outside of the berm. Analytical results were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases in both areas; therefore no further action is needed.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Kelsi Gurvitz	OIL CONSERVATION DIVISION
Printed Name: Kelsi Gurvitz	Approved by District Supervisor: Jonathan D. Kelly
Title: Environmental Consultant	Approval Date: 12/02/2011 Expiration Date:
E-mail Address: kelsi.m.gurvitz@conocophillips.com	Conditions of Approval: Attached ☐
Date: 12/1/10 Phone: 505-599-3403	

* Attach Additional Sheets If Necessary

RECEIVED
NOV 2010
CONS. DIV. DIST. 3

nJK1133649474

envirotech

June 2, 2010 Project No. 96052-1716

Ms. Kelsi Gurvitz
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401 Phone: (505) 599-3403

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 32-8 #243 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Gurvitz,

Enclosed please find the field notes and analytical results for spill assessment activities conducted for a leaking above ground storage tank (AST) at the San Juan 32-8 #243 well site located in Section 11, Township 31N, Range 8W, San Juan County, New Mexico.

Envirotech, Inc. personnel arrived on site on May 13, 2010. Upon arrival, a brief site assessment was conducted. Because distance to surface water was between 200 and 1,000 feet and because depth to ground water was between 50 and 100 feet, the closure standard was determined to be 100 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. Two (2) five-point composite samples were collected from the area of release within the berm, see attached ***Field Notes***. One (1) sample was collected from the surface, and one (1) sample was collected at approximately one (1) foot below ground surface (BGS). Both samples were screened in the field for TPH using USEPA Method 418.1 and for organic vapors using a Photo Ionization Detector (PID). Both samples returned results below the regulatory limit of 100 ppm organic vapors. The sample from one (1) foot BGS returned results below the regulatory limit of 100 ppm TPH; however, the sample from the surface was above the regulatory limit. Therefore, the sample from the surface was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice under chain of custody to Envirotech's laboratory to be analyzed for TPH using USEPA Method 8015. The sample returned results below the regulatory limit of 100 ppm TPH; therefore, no excavation was required; see attached ***Analytical Results***. Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully Submitted,
ENVIROTECH, INC.

René Garcia
Field Technician
rgarcia@envirotech-inc.com

Enclosures: Field Notes
Analytical Results

AGE NO: 1 OF 4

ATE STARTED: 05/13/10

ATE FINISHED: 05/13/10

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

ENVIRONMENTAL SPECIALIST: Raul Garcia

LAT: 36.907062

LONG: -107.64914

3PT1L

FIELD REPORT: ~~BGT / PIT~~ CLOSURE VERIFICATION

OCATION: NAME: San Juan 32-8 WELL #: 243 ~~TEMP PIT:~~ ~~PERMANENT PIT:~~ ~~BGT:~~

EGAL ADD: UNIT: M SEC: 11 TWP: 31N RNG: 8W PM:

TR/FOOTAGE: CNTY: SJ ST: NM

XCAVATION APPROX: — FT. X — FT. X — FT. DEEP CUBIC YARDAGE: —

SPOSAL FACILITY: — REMEDIATION METHOD: —

AND OWNER: API: 3004528276 BGT / PIT VOLUME: —

~~ONSTRUCTION MATERIAL:~~ ~~DOUBLE-WALLED, WITH LEAK DETECTION:~~

OCATION APPROXIMATELY: 25 FT. FROM WELLHEAD

EPTH TO GROUNDWATER: 75' , Distance Surface Water: 215'

NMOCD rank: 20 TPH closure: 100 ppm

~~__ TEMPORARY PIT - GROUNDWATER 50-100 FEET DEEP~~
~~BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 500 mg/kg~~

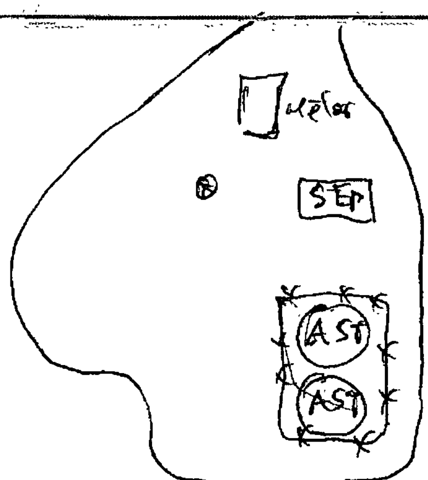
~~__ TEMPORARY PIT - GROUNDWATER >100 FEET DEEP~~
~~BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 1000 mg/kg~~

__ PERMANENT PIT ~~OR BGT~~
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, TPH (418.1) ≤ 100 mg/kg, CHLORIDES ≤ 250 mg/kg

FIELD 418.1 ANALYSIS

TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (mg/kg)
15:30	197 ~~200~~ STD		-	-	-	190	
15:45	AST 0'	1	5	20	x4	90	360
16:15	AST 1'	2	5	20	x4	17	68
		3					
		4					
		5					
		6					

PERIMETER



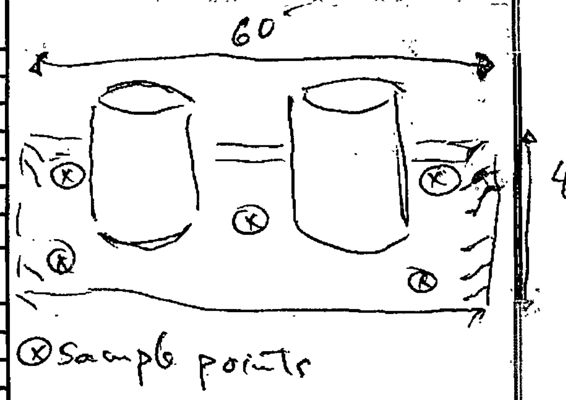
FIELD CHLORIDES RESULTS

SAMPLE ID	READING	CALC. (mg/kg)

PID RESULTS

SAMPLE ID	RESULTS (ppm)
AST 0'	0
AST 1'	0

PROFILE



LAB SAMPLES

SAMPLE ID	ANALYSIS	RESULTS
	BENZENE	
	BTEX	
	GRO & DRO	
	CHLORIDES	

NOTES:

WORKORDER # WHO ORDERED

envirotech

July 9, 2010 Project No. 96052-1716

Ms. Kelsi Gurvitz
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401 Phone: (505) 599-3403

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 32-8 #243 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Gurvitz,

Enclosed please find the field notes and analytical results for spill assessment activities conducted at a leaking above ground storage tank (AST) at the San Juan 32-8 #243 well site located in Section 11, Township 31N, Range 8W, San Juan County, New Mexico.

Envirotech, Inc. personnel arrived on site on June 8, 2010. Upon arrival, a brief site assessment was conducted. Because distance to surface water was between 200 and 1,000 feet and because depth to ground water was between 50 and 100 feet, the closure standard was determined to be 100 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. Three (3) composite samples were collected from the area outside the berm; see enclosed ***Field Notes*** for sample locations. The three (3) samples were screened in the field for TPH using USEPA Method 418.1 and for organic vapors using a Photo Ionization Detector (PID). All samples were non-detect for organic vapors and returned results below the regulatory limit of 100 ppm for TPH. However, Sample 2 returned results above 90 ppm TPH; therefore, the sample from Location #2 was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice under chain of custody to Envirotech's laboratory to be analyzed for TPH using USEPA Method 8015. The sample returned results below the regulatory limit of 100 ppm TPH; therefore, no excavation was required; see attached ***Analytical Results***. Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully submitted,
ENVIROTECH, INC.

René García
Field Technician
rgarcia@envirotech-inc.com

Enclosures: Field Notes
Analytical Results

ient: COPC
96052-1716

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Location No:

C.O.C. No:

IELD REPORT: SPILL CLOSURE VERIFICATION

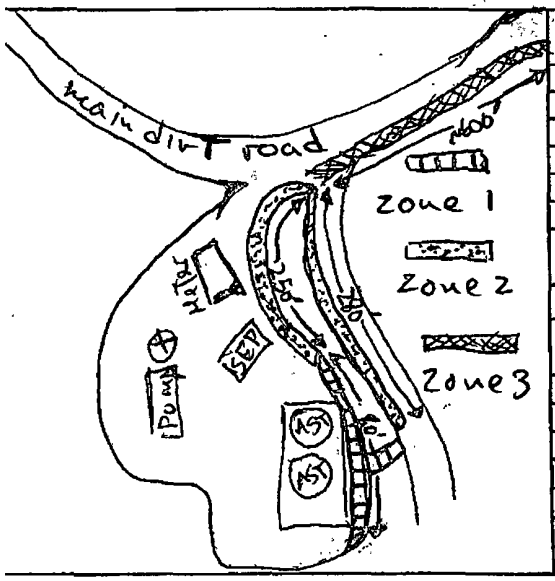
PAGE NO: 2 OF 2
DATE STARTED: 6/8/10
DATE FINISHED: 6/8/10
ENVIRONMENTAL SPECIALIST: Deno

OCATION: NAME: San Juan 32-8 WELL #: 243
UAD/UNIT: M SEC: 11 TWP: 31N RNG: 8W PM: N.M. CNTY: SJ ST: N.M.
TR/FOOTAGE: 983' FSL & 1145 FWL CONTRACTOR:

XCAVATION APPROX: FT. X FT. X FT. DEEP CUBIC YARDAGE:
SPOSAL FACILITY: REMEDIATION METHOD:
AND USE: Grazing LEASE: SF 079047 LAND OWNER: Federal
AUSE OF RELEASE: Tank Overflow MATERIAL RELEASED:
ILL LOCATED APPROXIMATELY: 60' FT. FROM Wellhead
EPTH TO GROUNDWATER: >25' NEARSEST WATER SOURCE: 3053' NEARSEST SURFACE WATER: 220'
MOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM
OIL AND EXCAVATION DESCRIPTION: Soil has white residuals inside berm and in some spots in zone 1.

SAMPLE DESCRIPITION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
		200 Std					170	
3pt comp	19:00	1		5	20	x4	20	80
10pt comp	19:05	2		1	1	1	23	92
10pt comp.	19:10	3		1	1	1	17	68

SPILL PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	0
2	1
3	1

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE

RAVEL NOTES: CALLED OUT: ONSITE:

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 8-Jun-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	170
	500	
	1000	

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

Analyst _____ Date 6/24/10

René Garcia
Print Name

Review _____ Date 6/24/10

Sarah Rowland
Print Name

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1716
Sample No.:	1	Date Reported:	6/22/2010
Sample ID:	3 Point Composite	Date Sampled:	6/8/2010
Sample Matrix:	Soil	Date Analyzed:	6/8/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**80**	**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: **San Juan 32-8 #243**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia
Printed

Review

Sarah Rowland
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1716
Sample No.:	2	Date Reported:	6/22/2010
Sample ID:	10 Point Composite	Date Sampled:	6/8/2010
Sample Matrix:	Soil	Date Analyzed:	6/8/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**92**	**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: **San Juan 32-8 #243**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia
Printed

Review

Sarah Rowland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1716
Sample No.:	3	Date Reported:	6/22/2010
Sample ID:	10 Point Composite	Date Sampled:	6/8/2010
Sample Matrix:	Soil	Date Analyzed:	6/8/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**68**	**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: **San Juan 32-8 #243**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia
Printed

Review

Sarah Rowland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-1716
Sample ID:	2	Date Reported:	06-14-10
Laboratory Number:	54660	Date Sampled:	06-08-10
Chain of Custody No:	9631	Date Received:	06-09-10
Sample Matrix:	Soil	Date Extracted:	06-10-10
Preservative:	Cool	Date Analyzed:	06-11-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**4.3**	**0.2**
Diesel Range (C10 - C28)	**32.0**	**0.1**
Total Petroleum Hydrocarbons	**36.3**	**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: **San Juan 32-8 #243**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-11-10 QA/QC	Date Reported:	06-14-10
Laboratory Number:	54653	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-11-10
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	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.9960E+002	1.0000E+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	**2.5**	**2.4**	**4.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.0**	**6.0**	**14.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spiked Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**2.5**	**250**	**266**	**105%**	**75 - 125%**
Diesel Range C10 - C28	**7.0**	**250**	**236**	**91.8%**	**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 54666, 54659, 54653, 54598, 54599, 54660 and 54648.**

Analyst

Review

CHAIN OF CUSTODY RECORD

09631

Client:	Project Name / Location:
COPC	San Juan 32-8 #243
Client Address:	**Sampler Name:**
	René García
Client Phone No.:	**Client No.:**
	96052-1716

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl2	Preservative HCl	Preservative Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
2	6/8/10		54660	(Soil) Solid Sludge Aqueous	4oz			X	X													X	X
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
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Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[illegible]	06/09/10	9:20	Kyle Casson	6/9/10	9:20
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

envirotech
Analytical Laboratory

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com