

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

30-045-22092

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	WILLIAMS PRODUCTION, LLC	Contact	MICHAEL K. LANE
Address	P.O. BOX 640, AZTEC, NM 87410	Telephone No.	(505) 634-4219
Facility Name	Cox Canyon #009A	Facility Type	Well site

Surface Owner	BLM	Mineral Owner	BLM	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	20	32N	11W					San Juan

Latitude 36.97498 Longitude -108.01658

NATURE OF RELEASE

Type of Release	N/A	Volume of Release	Volume Recovered
Source of Release		Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given?	☐ Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?		Date and Hour	
Was a Watercourse Reached?	☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

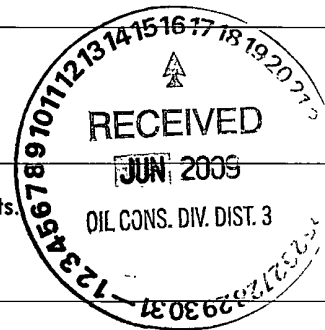
If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Pit Closure Sample Result Report. No reportable release discovered see attached sample results.

Describe Area Affected and Cleanup Action Taken.*

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: <i>Michael K. Lane</i>	OIL CONSERVATION DIVISION	
Printed Name: Michael K. Lane	Approved by District Supervisor: <i>[Signature]</i>	
Title: Sr. EH&S Specialist	Approval Date: <i>6/15/2009</i>	Expiration Date:
E-mail Address: myke.lane@williams.com	Conditions of Approval:	Attached ☐
Date:	Phone: (505) 634-4219	

* Attach Additional Sheets If Necessary

6/16/2009 NJK1216739828

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

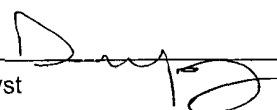
Client:	WPX	Project #:	04108-0003
Sample ID:	Composite	Date Reported:	04-20-09
Laboratory Number:	49672	Date Sampled:	04-13-09
Chain of Custody No:	6799	Date Received:	04-14-09
Sample Matrix:	Soil	Date Extracted:	04-16-09
Preservative:	Cool	Date Analyzed:	04-17-09
Condition:	Intact	Analysis Requested:	8015 TPH

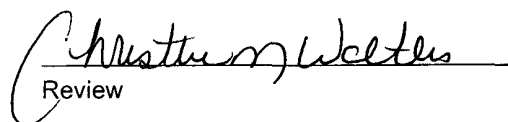
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Cox Cyn #9A - BGT Close.**


Analyst


Review

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-17-09 QA/QC	Date Reported:	04-20-09
Laboratory Number:	49670	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-17-09
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	9.6265E+002	9.6304E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0308E+003	1.0312E+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

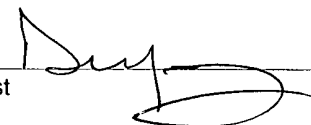
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	19.8	18.6	6.1%	0 - 30%
Diesel Range C10 - C28	791	774	2.1%	0 - 30%

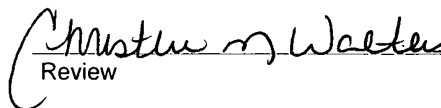
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	19.8	250	265	98.1%	75 - 125%
Diesel Range C10 - C28	791	250	1,020	98.0%	75 - 125%

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 49670 - 49673, 49684, 49687, 49694, and 49697 - 49699.

Analyst 

Review 

Client:	WPX	Project #:	04108-0003
Sample ID:	Composite	Date Reported:	04-20-09
Laboratory Number:	49672	Date Sampled:	04-13-09
Chain of Custody:	6799	Date Received:	04-14-09
Sample Matrix:	Soil	Date Analyzed:	04-17-09
Preservative:	Cool	Date Extracted:	04-16-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	3.7	1.0
Ethylbenzene	4.6	1.0
p,m-Xylene	7.3	1.2
o-Xylene	5.3	0.9
Total BTEX	20.9	

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.

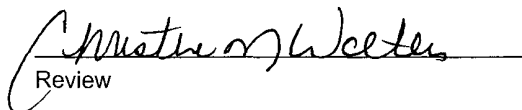
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Cox Cyn #9A - BGT Close.

Analyst



Review





Client	N/A	Project #	N/A
Sample ID:	04-17-BT QA/QC	Date Reported:	04-20-09
Laboratory Number	49670	Date Sampled	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative:	N/A	Date Analyzed	04-17-09
Condition	N/A	Analysis	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	6.8981E+006	6.9119E+006	0.2%	ND	0.1
Toluene	6.2802E+006	6.2928E+006	0.2%	ND	0.1
Ethylbenzene	5.3819E+006	5.3927E+006	0.2%	ND	0.1
p,m-Xylene	1.4303E+007	1.4331E+007	0.2%	ND	0.1
o-Xylene	5.2124E+006	5.2228E+006	0.2%	ND	0.1

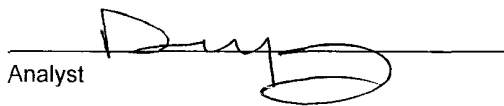
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2.7	2.8	3.7%	0 - 30%	0.9
Toluene	9.6	9.4	2.1%	0 - 30%	1.0
Ethylbenzene	12.0	11.6	3.3%	0 - 30%	1.0
p,m-Xylene	25.4	25.1	1.2%	0 - 30%	1.2
o-Xylene	20.2	20.0	1.0%	0 - 30%	0.9

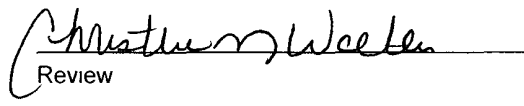
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.7	50.0	51.2	97.2%	39 - 150
Toluene	9.6	50.0	57.4	96.3%	46 - 148
Ethylbenzene	12.0	50.0	60.9	98.2%	32 - 160
p,m-Xylene	25.4	100	124	98.6%	46 - 148
o-Xylene	20.2	50.0	67.2	95.7%	46 - 148

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 49670 - 49673, 49684, 49687, 49694, and 49697 - 49699.


Analyst


Review



Client:	WPX	Project #:	04108-0003
Sample ID:	Composite	Date Reported:	04-16-09
Laboratory Number:	49672	Date Sampled:	04-13-09
Chain of Custody No	6799	Date Received:	04-14-09
Sample Matrix:	Soil	Date Extracted:	04-15-09
Preservative:	Cool	Date Analyzed:	04-15-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	33.8	18.1

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: Cox Cyn. #9A - BGT Close.

Analyst

Review



envirotech

Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	04-16-09
Laboratory Number:	04-15-TPH.QA/QC 49672	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	04-15-09
Preservative:	N/A	Date Extracted:	04-15-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
	04-06-09	04-15-09	1,510	1,590	5.3%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	18.1

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	33.8	32.6	3.6%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	33.8	2,000	1,690	83.1%	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 49672 - 49681.

Analyst

Review



Client:	WPX	Project #:	04108-0003
Sample ID:	Composite	Date Reported:	04-16-09
Lab ID#:	49672	Date Sampled:	04-13-09
Sample Matrix:	Soil	Date Received:	04-14-09
Preservative:	Cool	Date Analyzed:	04-15-09
Condition:	Intact	Chain of Custody:	6799

Parameter

Concentration (mg/Kg)

Total Chloride

45

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed , 1992.

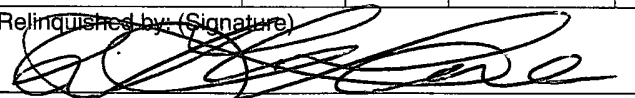
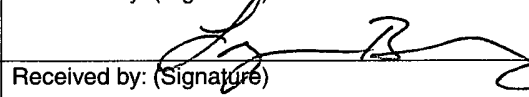
Comments: **Cox Cyn. #9A - BGT Close.**

Analyst

Review

CHAIN OF CUSTODY RECORD

6799

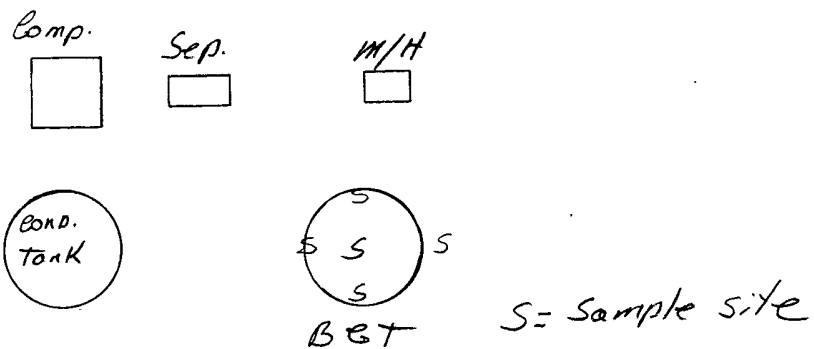
Client: WPX			Project Name / Location: Cox. Cyn #9A - B&T CUSE			ANALYSIS / PARAMETERS														
Client Address: /			Sampler Name: WALT SUNDOR			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact			
Client Phone No.: /			Client No.: 04108-0003																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl			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
COMPOSITE	4/13	1100	49672	Soil Sludge Solid Aqueous	1-4oz			✓	✓	✓							✓	✓	✓	✓
				Soil Sludge Solid Aqueous																
				Soil Sludge Solid Aqueous																
				Soil Sludge Solid Aqueous																
				Soil Sludge Solid Aqueous																
				Soil Sludge Solid Aqueous																
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				Soil Sludge Solid Aqueous																
				Soil Sludge Solid Aqueous																
Relinquished by: (Signature) 				Date	Time	Received by: (Signature) 				Date	Time									
Relinquished by: (Signature)				4/14/09	1255	Received by: (Signature)				4/14/09	1255									
Relinquished by: (Signature)						Received by: (Signature)														

ENVIROTECH INC.
 5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

RECEIVED
 APR 24 2009
WPX

N 36.97427
W 108.01662

Cox Canyon #9A
Pit Removal Soil
Sample diagram
4-13-09



CHAIN OF CUSTODY RECORD

6799

Client: WAX			Project Name / Location: COV. CVD #9A - B&T CLOSE			ANALYSIS / PARAMETERS														
Client Address:			Sampler Name: WART SNEYDOZ			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
Client Phone No.:			Client No.:																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative														
				Soil / Sludge		HgCl ₂	HCl													
COMPOSITE	4/13	11:00		Solid Aqueous				✓	✓	✓									✓	✓
				Soil / Sludge																
				Soil / Sludge																
				Soil / Sludge																
				Soil / Sludge																
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Relinquished by: (Signature)				Date	Time	Received by: (Signature)												Date	Time	
				4/14/09	12:55													4/14/09	12:55	
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														

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