

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

30-039-26298 OPERATOR ☐ Initial Report ☒ Final Report

Name of Company Williams Production	Contact Michael K. Lane
Address PO Box 640	Telephone No. 505-634-4219
Facility Name Rosa #013A (API: 30-039-26298)	Facility Type Well Site

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

Unit Letter F	Section 31	Township 31 N	Range 05W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude 36.85919 Longitude -107.40494

NATURE OF RELEASE

Type of Release Dissolved Phase Hydrocarbons in Produced Water	Volume of Release UNK	Volume Recovered
Source of Release Below-grade Tank	Date and Hour of Occurrence UNK	Date and Hour of Discovery During BGT Closure
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell-NMOCD (email)	
By Whom? Myke Lane	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.

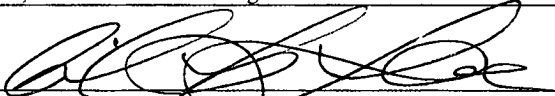
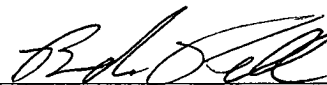
Describe Cause of Problem and Remedial Action Taken.

Lab results from BGT closure indicated historic release occurred causing minor soil contamination over Rule 19.15.17.13 closure standards. No visual evidence of spill observed at time of tank removal. Risk assessment under current NMOCD remediation guidelines indicate contamination below RALs and no further action required. Pit area reclaimed following approved Pit Closure Plan. Composite sample results and site map attached.

Describe Area Affected and Cleanup Action Taken.

Criteria	Site Condition	Ranking Score
Depth to Groundwater	>=100 (Cathodic - >=300ft BGS)	0
Wellhead Protection Area	None	0
Surface Water Body	>1000 ft	0
Total Ranking		0
Lab	Results	Remediation Action Level
Benzene (ppb)	<0.9	10,000
BTEX (ppb)	8.9	50,000
TPH by EPA - 418.1 (ppm)	113	5000
Cl (ppm)	20	--

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: 	OIL CONSERVATION DIVISION	
Printed Name: Michael K. Lane	Approved by District Supervisor: 	
Title: SJB EH&S Specialist	Approval Date: 10/25/11	Expiration Date:
E-mail Address: myke.lane@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/7/10	Phone: (505) 330-3198	

* Attach Additional Sheets If Necessary

NJK1129847833

9

Lane, Myke

From: Lane, Myke
Sent: Tuesday, December 07, 2010 3:59 PM
To: 'Powell, Brandon, EMNRD'
Cc: Basye, Matt; Meador, Tasha
Subject: Rosa #013A - Release Notice

Brandon:

Soil contamination above the current Pit Rule 19.15.17.13E closure levels for TPH has been detected based on a review of the lab results and during the removal of the below grade tank at the following well location.

Rosa Unit #013A 30-039-26298 31F-T31N-R05W NMPM Rio Arriba Co

Reclamation will be done in accordance with the closure plan and NMOCD Guidelines for Remediation of Leaks, Spills & Releases. Please let us know if there are any questions.

Michael K. (Myke) Lane, PE
EH&S Team Leader - San Juan Basin Operations
721 S. Main/ PO Box 640, Aztec, NM 87410
(505) 634-4219(off); -4205(fax); 330-3198(cell)

"The problems we face cannot be resolved at the same level of thinking as that which gave rise to them!"---shared with me by Brent Hale



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Analytical Laboratory

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

Client:	WPX	Project #:	04108-0137
Sample ID:	BGT	Date Reported:	11-03-10
Laboratory Number:	56362	Date Sampled:	11-01-10
Chain of Custody No:	10652	Date Received:	11-02-10
Sample Matrix:	Soil	Date Extracted:	11-03-10
Preservative:	Cool	Date Analyzed:	11-03-10
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	

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: **Rosa #13A BGT**

Analyst

Review



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EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-03-10 QA/QC	Date Reported:	11-03-10
Laboratory Number:	56362	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-03-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	11-03-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	11-03-10	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

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	242	96.8%	75 - 125%
Diesel Range C10 - C28	ND	250	261	104%	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 56361-56362, 56380


Analyst


Review

Client:	WPX	Project #:	04108-0137
Sample ID:	BGT	Date Reported:	11-03-10
Laboratory Number:	56362	Date Sampled:	11-01-10
Chain of Custody:	10652	Date Received:	11-02-10
Sample Matrix:	Solid	Date Analyzed:	11-03-10
Preservative:	Cool	Date Extracted:	11-03-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	1.3	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	4.5	1.2
o-Xylene	3.1	0.9
Total BTEX	8.9	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.6 %
	1,4-difluorobenzene	98.7 %
	Bromochlorobenzene	102 %

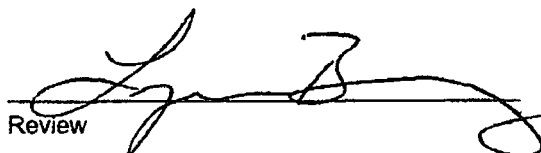
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: Rosa #13A BGT



Analyst



Review



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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	1103BBLK QA/QC	Date Reported:	11-03-10
Laboratory Number:	56362	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-03-10
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	4.6844E+005	4.6938E+005	0.2%	ND	0.1
Toluene	5.3862E+005	5.3970E+005	0.2%	ND	0.1
Ethylbenzene	4.8997E+005	4.9095E+005	0.2%	ND	0.1
p,m-Xylene	1.1523E+006	1.1547E+006	0.2%	ND	0.1
o-Xylene	4.4066E+005	4.4154E+005	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	1.3	1.0	23.1%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	4.5	4.2	6.7%	0 - 30%	1.2
o-Xylene	3.1	3.2	3.2%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	507	101%	39 - 150
Toluene	1.3	500	507	101%	46 - 148
Ethylbenzene	ND	500	503	101%	32 - 160
p,m-Xylene	4.5	1000	1,010	101%	46 - 148
o-Xylene	3.1	500	499	99.2%	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

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 56361-56362, 56380

Analyst

Review



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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	WPX	Project #:	04108-0137
Sample ID:	BGT	Date Reported:	11-03-10
Laboratory Number:	56362	Date Sampled:	11-01-10
Chain of Custody No:	10652	Date Received:	11-02-10
Sample Matrix:	Soil	Date Extracted:	11-03-10
Preservative:	Cool	Date Analyzed:	11-03-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	113	11.0

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: Rosa #13A BGT

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Review



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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	11-03-10
Laboratory Number:	11-03-TPH.QA/QC 56362	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	11-03-10
Preservative:	N/A	Date Extracted:	11-03-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	10-28-10	11-03-10	1,610	1,610	0.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	11.0

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	113	123	8.6%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	113	2,000	1,840	87.1%	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 56362, 56372-56376

Analyst

Review



Client:	WPX	Project #:	04108-0137
Sample ID:	BGT	Date Reported:	11-03-10
Lab ID#:	56362	Date Sampled:	11-01-10
Sample Matrix:	Soil	Date Received:	11-02-10
Preservative:	Cool	Date Analyzed:	11-03-10
Condition:	Intact	Chain of Custody:	10652

Parameter

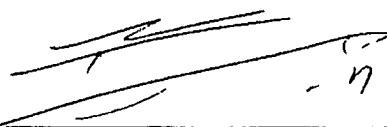
Concentration (mg/Kg)

Total Chloride

20

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: **Rosa #13A BGT**



Analyst



Review

10552

ANALYSIS / PARAMETERS

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D. SPARKLE

Client No.:

04 108-1137

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