

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

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	NM 32-11 #001A (API: 30-045-22087)	Facility Type	Well Site
Surface Owner	BLM	Mineral Owner	BLM
		Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	22	32 N	11W					San Juan

Latitude 36.96600 Longitude -108.01509

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?	☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	Brandon Powell-NMOCD (email)		
By Whom?	Myke Lane	Date and Hour			
Was a Watercourse Reached?	☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.

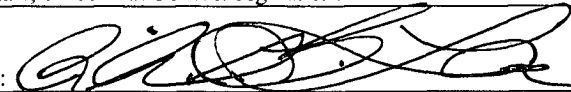
Describe Cause of Problem and Remedial Action Taken.

Lab results from BGT closure indicated historic release occurred. No visual evidence of spill observed at time of tank removal. Impacted soils excavated and taken to offsite commercial landfarm. Confirmation samples taken following excavation and removal following Spill Rule. Pit area to be reclaimed following approved Pit Closure Plan. Composite sample results and site map attached.

Describe Area Affected and Cleanup Action Taken.

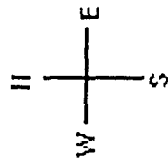
Criteria	Site Condition	Ranking Score
Depth to Groundwater	50-100 (Cathodic - 160 ft BGS)	0
Wellhead Protection Area	None	0
Surface Water Body	>1000 ft	0
Total Ranking		0
Lab	Results	Remediation Action Level
Benzene (ppb)	<0.9	10,000
BTEX (ppb)	11.2	50,000
TPH by EPA - 418.1 (ppm)	338	5000
Cl (ppm)	5	--

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:  For CP	
Title: SJB EH&S Specialist	Approval Date: 9/22/10	Expiration Date:
E-mail Address: myke.lane@williams.com	Conditions of Approval:	Attached ☐
Date: 7/6/10	Phone: (505) 330-3198	

* Attach Additional Sheets If Necessary

nBP1026531891

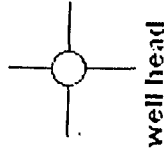
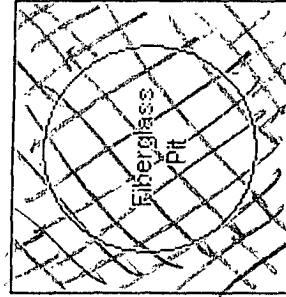


N.M. 32-11 #1A



meter
house

PROD. UNIT



well head

AREA EXCAVATED FOLLOWING
BGT REMOVAL. CONTAMINATED
SOIL REMOVED PER OFF SITE
DISPOSAL. CONFIRMATION
SAMPLES A SPT, COMPOSITE
2-8 ft. BELOW GROUND SURFACE.



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

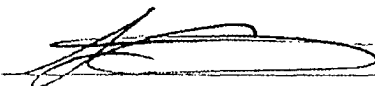
Client:	Williams	Project #:	00068-0146
Sample ID:	BGT	Date Reported:	06-25-10
Laboratory Number:	54816	Date Sampled:	06-18--10
Chain of Custody No:	9589	Date Received:	06-21-10
Sample Matrix:	Soil	Date Extracted:	06-22-10
Preservative:		Date Analyzed:	06-22-10
Condition:	Intact	Analysis Requested:	8015 TPH

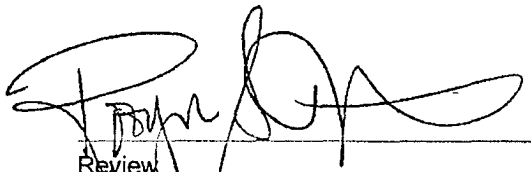
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	13.4	0.2
Diesel Range (C10 - C28)	20.2	0.1
Total Petroleum Hydrocarbons	33.6	0.2

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: **NM 32-11 1A**


Analyst


Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-22-2010 QA/QC	Date Reported:	06-25-10
Laboratory Number:	54794	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-22-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	06-22-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	06-22-10	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
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	0.1	0.0%	0 - 30%
Diesel Range C10 - C28	1.5	1.4	6.7%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	258	103%	75 - 125%
Diesel Range C10 - C28	1.5	250	295	117%	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 54794-54799, 54815-54817, 54821

Analyst

Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: Williams
Sample ID: BGT
Laboratory Number: 54816
Chain of Custody: 9589
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #: 00068-0146
Date Reported: 06-25-10
Date Sampled: 06-18-10
Date Received: 06-21-10
Date Analyzed: 06-22-10
Date Extracted: 06-22-10
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	2.0	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	3.5	1.2
o-Xylene	4.3	0.9
Total BTEX	11.2	

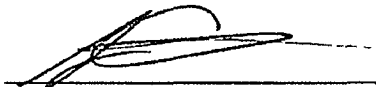
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

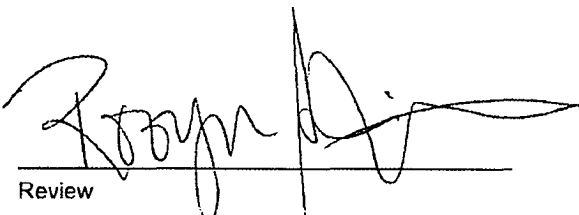
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: NM 32-11 1A



Analyst



Review



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	0622BBLK QA/QC	Date Reported:	06-25-10
Laboratory Number:	54794	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-22-10
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	1.1881E+006	1.1904E+006	0.2%	ND	0.1
Toluene	1.0933E+006	1.0955E+006	0.2%	ND	0.1
Ethylbenzene	9.8418E+005	9.8615E+005	0.2%	ND	0.1
p,m-Xylene	2.4160E+006	2.4209E+006	0.2%	ND	0.1
o-Xylene	9.0836E+005	9.1018E+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	2.5	3.2	28.0%	0 - 30%	1.0
Ethylbenzene	1.6	2.0	25.0%	0 - 30%	1.0
p,m-Xylene	3.7	4.8	29.7%	0 - 30%	1.2
o-Xylene	4.2	5.4	28.6%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	48.3	96.7%	39 - 150
Toluene	2.5	50.0	46.8	89.1%	46 - 148
Ethylbenzene	1.6	50.0	46.2	89.5%	32 - 160
p,m-Xylene	3.7	100	92.0	88.7%	46 - 148
o-Xylene	4.2	50.0	45.9	84.8%	46 - 148

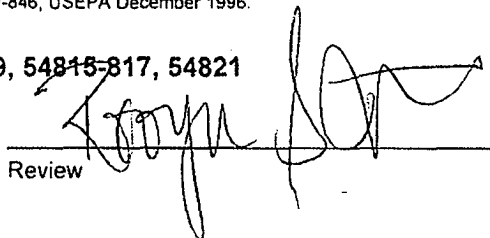
ND - Parameter not detected at the stated detection limit.

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 54794, 54795-54799, 54815-817, 54821



Analyst



Review



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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

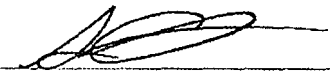
Client:	Williams	Project #:	00068-0146
Sample ID:	BGT	Date Reported:	06-25-10
Laboratory Number:	54816	Date Sampled:	06-18-10
Chain of Custody No:	9589	Date Received:	06-21-10
Sample Matrix:	Soil	Date Extracted:	06-23-10
Preservative:		Date Analyzed:	06-23-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	338	5.4

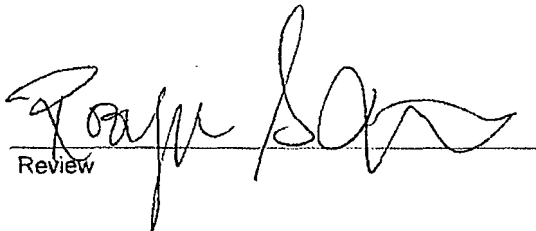
ND = Parameter not detected at the stated detection limit.

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

Comments: **NM 32-11 1A**



Analyst



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:	06-25-10
Laboratory Number:	54821	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-23-10
Preservative:	N/A	Date Extracted:	06-23-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	06-03-10	06-23-10	1,686	1,770	5.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	5.4

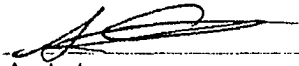
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	6.7	6.7	0.0%	+/- 30%

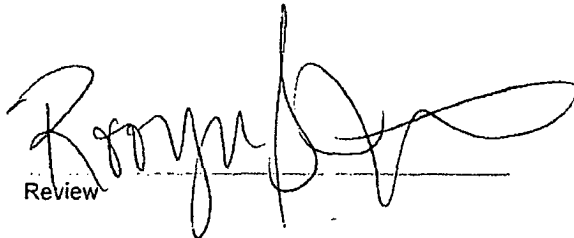
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	6.7	2,000	1,650	82.2%	80 - 120%

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 54821, 54828, 54829, 54830, 54811-54817.


Analyst


Review



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Chloride

Client: Williams
Sample ID: BGT
Lab ID#: 54816
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #: 00068-0146
Date Reported: 06-28-10
Date Sampled: 06-18-10
Date Received: 06-21-10
Date Analyzed: 06-23-10
Chain of Custody: 9589

Parameter

Concentration (mg/Kg)

Total Chloride

5

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: **NM 32-11 1A**

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