

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

API # 30-039-30144

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 343A	Facility Type	Well Site

Surface Owner	USFS	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
I	26	31 N	05W					Rio Arriba

Latitude 36.86839 Longitude -107.32667

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	~25 bbl	Volume Recovered	N/A
Source of Release	Well during workover, minor well control problem.	Date and Hour of Occurrence	Sep 29, 08 13:30	Date and Hour of Discovery	By USFS 14:23
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	JJ Miller w/USFS observed problem and report to WPX EHS		
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.

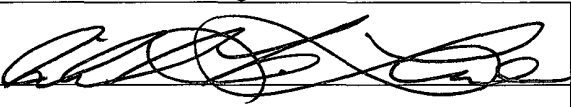
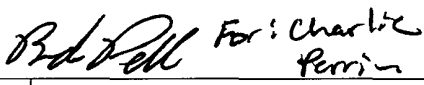
Describe Cause of Problem and Remedial Action Taken.

While unlanding tubing on a workover, an element on the tubing blew apart and wedged inside the BOP (inside the ram recesses). The well crew was unable to move up or down with the tubing hanger. Due to the high well pressure and water production they were unable to initially fish the rubber elements for the top of the BOP. Crew removed doors off BOP to fish rubber remnants from inside the BOP. Once BOP reassembled closed pipe rams around tubing and closed in well.

Describe Area Affected and Cleanup Action Taken.

Unable to recover any water due to muddy conditions on location at time. Following rig down roustabout crew reworked and blended with site soils to stabilize conditions. Soil and water samples collected October 7, 2008 as requested by USFS to assess salt impacts on site. As well pad to be sterilized during production life of well, will reclaim when well P&A'd. No further action being taken at this time. Refer to attached sample results.

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: Charlie Perrier		
Title: SJB EH&S Specialist	Approval Date: 11/4/08	Expiration Date:	
E-mail Address: myke.lane@williams.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 11/3/08	Phone: (505) 330-3198		

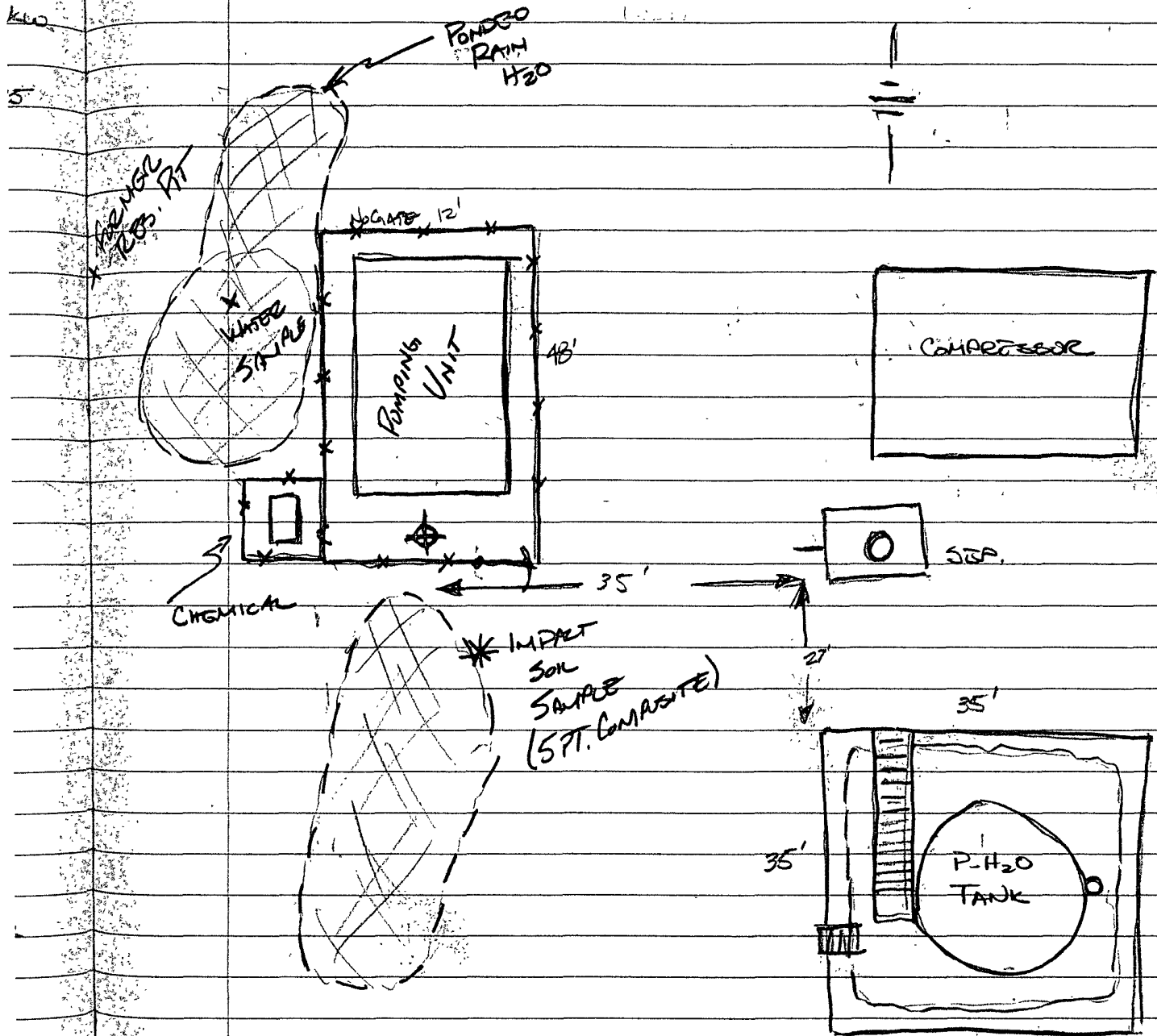
* Attach Additional Sheets If Necessary

Incident # NRM0828153419

19/7/68

M

RASA 343A



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Williams Prod.	Project #:	04108-0003
Sample ID:	Landfarm	Date Reported:	10-22-08
Laboratory Number:	47665	Date Sampled:	10-07-08
Chain of Custody No:	5497	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-13-08
Preservative:	Cool	Date Analyzed:	10-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

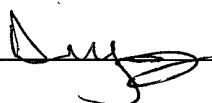
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

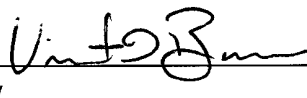
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Rosa 343A.**

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Williams Prod.	Project #:	04108-0003
Sample ID:	Near Well Head	Date Reported:	10-22-08
Laboratory Number:	47666	Date Sampled:	10-07-08
Chain of Custody No:	5497	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-13-08
Preservative:	Cool	Date Analyzed:	10-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

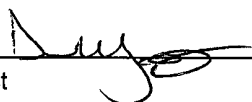
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Rosa 343A.**

Analyst



Review



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:	10-14-08 QA/QC	Date Reported:	10-22-08
Laboratory Number:	47665	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-14-08
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	9.9479E+002	9.9519E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9829E+002	9.9869E+002	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%

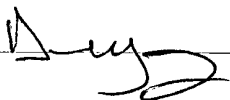
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	245	98.0%	75 - 125%
Diesel Range C10 - C28	ND	250	247	98.8%	75 - 125%

ND - Parameter not detected at the stated detection limit.

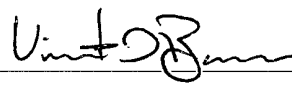
References Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47665 - 47666 and 47685 - 47686.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Williams Prod.	Project #:	04108-0003
Sample ID:	Landfarm	Date Reported:	10-22-08
Laboratory Number:	47665	Date Sampled:	10-07-08
Chain of Custody:	5497	Date Received:	10-08-08
Sample Matrix:	Soil	Date Analyzed:	10-14-08
Preservative:	Cool	Date Extracted:	10-13-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	13.4	0.9
Toluene	11.8	1.0
Ethylbenzene	1.3	1.0
p,m-Xylene	6.0	1.2
o-Xylene	3.2	0.9
Total BTEX	35.7	

ND - Parameter not detected at the stated detection limit.

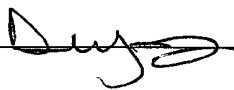
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

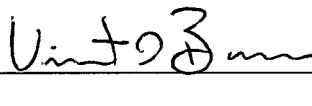
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Rosa 343A.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Williams Prod.	Project #:	04108-0003
Sample ID:	Near Well Head	Date Reported:	10-22-08
Laboratory Number:	47666	Date Sampled:	10-07-08
Chain of Custody:	5497	Date Received:	10-08-08
Sample Matrix:	Soil	Date Analyzed:	10-14-08
Preservative:	Cool	Date Extracted:	10-13-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	3.8	1.0
Ethylbenzene	1.3	1.0
p,m-Xylene	3.3	1.2
o-Xylene	2.2	0.9
Total BTEX	10.6	

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.

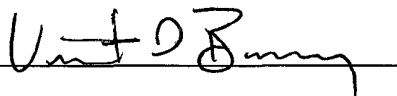
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Rosa 343A.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID	10-14-BT QA/QC	Date Reported	10-22-08
Laboratory Number:	47659	Date Sampled:	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed	10-14-08
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	5.3606E+007	5.3714E+007	0.2%	ND	0.1
Toluene	3.9705E+007	3.9785E+007	0.2%	ND	0.1
Ethylbenzene	3.0665E+007	3.0726E+007	0.2%	ND	0.1
p,m-Xylene	6.5506E+007	6.5637E+007	0.2%	ND	0.1
o-Xylene	2.9567E+007	2.9626E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	1.8	1.7	5.6%	0 - 30%	0.9
Toluene	5.8	6.0	3.4%	0 - 30%	1.0
Ethylbenzene	3.0	3.1	3.3%	0 - 30%	1.0
p,m-Xylene	6.9	7.2	4.3%	0 - 30%	1.2
o-Xylene	4.2	4.0	4.8%	0 - 30%	0.9

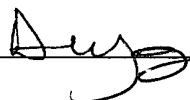
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.8	50.0	50.8	98.1%	39 - 150
Toluene	5.8	50.0	50.8	91.0%	46 - 148
Ethylbenzene	3.0	50.0	51.0	96.2%	32 - 160
p,m-Xylene	6.9	100	98.9	92.5%	46 - 148
o-Xylene	4.2	50.0	51.2	94.5%	46 - 148

ND - Parameter not detected at the stated detection limit

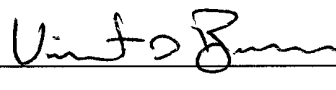
References Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: QA/QC for Samples 47659 - 47662, 47664 - 47666, 47668, 47685 and 47686.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

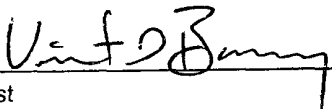
EC, SAR, Cl Analysis

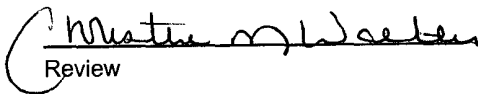
Client:	Williams Prod.	Project #:	04108-0003
Sample ID:	Landfarm	Date Reported:	10-23-08
Laboratory Number:	47665	Date Sampled:	10-07-08
Chain of Custody:	5497	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-13-08
Preservative:	Cool	Date Analyzed:	10-14-08
Condition:	Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	396	umhos/cm
Calcium	42.8	mg/Kg
Magnesium	1.95	mg/Kg
Sodium	22.5	mg/Kg
Sodium Absorption Ratio (SAR)	0.9	ratio
Chloride	155	mg/Kg

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

Comments: Rosa 343A.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

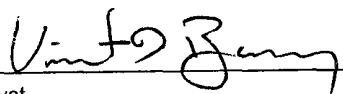
EC, SAR, CI Analysis

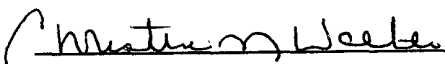
Client:	Williams Prod.	Project #:	04108-0003
Sample ID:	Near Well Head	Date Reported:	10-23-08
Laboratory Number:	47666	Date Sampled:	10-07-08
Chain of Custody:	5497	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-13-08
Preservative:	Cool	Date Analyzed:	10-14-08
Condition:	Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	1,900	umhos/cm
Calcium	10.8	mg/Kg
Magnesium	1.22	mg/Kg
Sodium	198	mg/Kg
Sodium Absorption Ratio (SAR)	15.2	ratio
Chloride	495	mg/Kg

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

Comments: Rosa 343A.


Analyst


Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW


CATION / ANION ANALYSIS

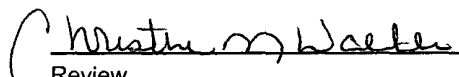
Client:	Williams Prod.	Project #:	04108-0003
Sample ID:	Ponded Water	Date Reported:	10-23-08
Laboratory Number:	47667	Date Sampled:	10-07-08
Chain of Custody:	5497	Date Received:	10-08-08
Sample Matrix:	Aqueous	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	10-08-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	8.30	s.u.		
Conductivity @ 25° C	4,080	umhos/cm		
Total Dissolved Solids @ 180C	2,250	mg/L		
Total Dissolved Solids (Calc)	2,328	mg/L		
SAR	29.4	ratio		
Total Alkalinity as CaCO3	340	mg/L		
Total Hardness as CaCO3	148	mg/L		
Bicarbonate as HCO3	340	mg/L	5.57	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	1.1	mg/L	0.02	meq/L
Nitrite Nitrogen	0.900	mg/L	0.02	meq/L
Chloride	1,120	mg/L	31.60	meq/L
Fluoride	1.108	mg/L	0.06	meq/L
Phosphate	<0.01	mg/L	0.00	meq/L
Sulfate	70.9	mg/L	1.48	meq/L
Iron	3.793	mg/L	0.14	meq/L
Calcium	51.3	mg/L	2.56	meq/L
Magnesium	4.80	mg/L	0.40	meq/L
Potassium	7.6	mg/L	0.19	meq/L
Sodium	822	mg/L	35.76	meq/L
Cations			38.91	meq/L
Anions			38.74	meq/L
Cation/Anion Difference			0.43%	

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: Rosa 343A.


Analyst

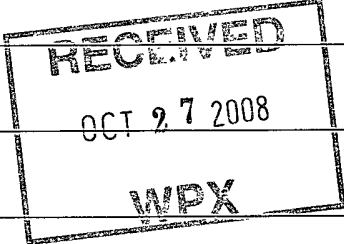

Review

CHAIN OF CUSTODY RECORD

5497

Client: <u>Williams Prod.</u>			Project Name / Location: <u>Rosa 3A3A</u>			ANALYSIS / PARAMETERS																
Client Address: <u>/</u>			Sampler Name: <u>MYKE LANE</u>			<div style="display: flex; justify-content: space-between; font-size: small;"> <div>TPH (Method 8015)</div> <div>BTEX (Method 8021)</div> <div>VOC (Method 8260)</div> <div>RCRA 8 Metals</div> <div>Cation / Anion</div> <div>RCI</div> <div>TCLP with H/P</div> <div>PAH</div> <div>TPH (418.1)</div> <div>CHLORIDE</div> <div><u>SAR/EC</u></div> <div></div> <div></div> <div>Sample Cool</div> <div>Sample Intact</div> </div>																
Client Phone No.: <u>/</u>			Client No.: <u>04108-0003</u>																			
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl																
<u>LANDFARM</u>	<u>10/7</u>	<u>1535</u>	<u>47665</u>	<u>Soil</u> <u>Solid</u>	<u>Sludge</u> <u>Aqueous</u>	<u>1-802</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>									<u>✓</u>	<u>✓</u>		<u>✓</u>	<u>x</u>
<u>NEAR WELL HEAD</u>	<u>10/7</u>	<u>1530</u>	<u>47666</u>	<u>Soil</u> <u>Solid</u>	<u>Sludge</u> <u>Aqueous</u>	<u>1-802</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>									<u>✓</u>	<u>✓</u>		<u>x</u>	<u>x</u>
<u>PONDED WATER</u>	<u>10/7</u>	<u>1540</u>	<u>47667</u>	<u>Soil</u> <u>Solid</u>	<u>Sludge</u> <u>Aqueous</u>	<u>1-250ml</u>	<u>✓</u>														<u>x</u>	<u>x</u>
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	

Relinquished by: (Signature) <u>[Signature]</u>		Date <u>10/8/08</u>	Time <u>1050</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>10-08-08</u>	Time <u>1045</u>
Relinquished by: (Signature)				Received by: (Signature)			
Relinquished by: (Signature)				Received by: (Signature)			



ENVIROTECH INC.

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

PHOTO TAKEN BY JMM/USFS

09.29.2008 14:23

