

OK - STAFF 33
F 1000
SUBMIT COPY TO
NATIONAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

APPROVED

Land Type: _____

Direction from reference: _____ Degrees _____ of _____ East North _____
 _____ West South _____

RANKING SCORE (TOTAL POINTS): 6

Date Remediation Started: _____ Date Completed: 4/21/98

Remediation Method: Excavation X

Approx. cubic yards 300

(Check all appropriate sections)

Landfarmed X

In situ Bioremediation _____

Other _____

Remediation Location: Onsite X Offsite _____

(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: REMOVED CONTAMINATED SOIL, SPREAD ON LOCATION IN SOIL FARM

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Pit Bottom • CENTER 4 BANKS N, S, E, W

Closure Sampling:

(if multiple samples, attach sample results

and diagram of sample locations and depths)

Sample depth 12-13'

GAS

DIE

Sample date 4/21/98

Sample time 10:37 AM

METHOD: BOISM

PID =

Sample Results

Soil: Benzene (ppm) N/A

Water: Benzene (ppb) N/A

Total BTEX (ppm) N/A

Toluene (ppb) N/A

Field Headspace (ppm) 122

Ethylbenzene (ppb) N/A

TPH BOISM (ppm) GAS ND PM Total Xylenes (ppb) N/A

DIE 490 PPM

Groundwater Sample: Yes _____ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 5/26/98 PRINTED NAME STAN ADAMS

SIGNATURE [Signature] AND TITLE ENV. CONSULTANT

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON) Sprayed w/ fertilizer + close

SIGNED: [Signature] DATE: 6-1-98

CONTRACT ENVIRONMENTAL

DATE 4/21/58

TIME STARTED 10:12

TIME FINISHED 11:03

SITE NAME Sanilla Apache "F" well 11

PIT SIZE AT START x x PIT SIZE WHEN FINISHED x x

P.I.D READINGS

NORTH WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

SOUTH WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

EAST WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

WEST WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

WALL COMPOSITE #1 1692.0 #2 _____ #3 _____ FINALE TIME 10:32

FLOOR #1 122.0 #2 _____ #3 _____ FINALE TIME 10:37

LAND FARM 26.2

SAMPLE TIME 10:44

SPOIL PILE _____

SAMPLE TIME _____

REMARKS: _____

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 11-May-98

Client: Contract Environmental Services, Inc.
Work Order: 9805005
Lab ID: 9805005-02A **Matrix:** SOIL
Project: Jicarilla Apache

Client Sample Info: Jic. Apache "F" Well 11
Client Sample ID: JF11-101; Floor
Collection Date: 4/21/98 10:37:00 AM
COC Record: 6931

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	490	50		mg/Kg	1	Analyst: HR 5/6/98
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: DC 5/5/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING FUEL OIL WITH LOW SULFUR GAS OIL

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 11-May-98

Client:	Contract Environmental Services, Inc.	Client Sample Info:	Jic. Apache "F" Well 11
Work Order:	9805005	Client Sample ID:	JF11-100; Wall
Lab ID:	9805005-01A	Matrix:	SOIL
Project:	Jicarilla Apache	Collection Date:	4/21/98 10:32:00 AM
		COC Record:	6931

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	4700	50		mg/Kg	1	Analyst: HR 5/6/98
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	1200	90		mg/Kg	500	Analyst: DC 5/5/98

Qualifiers:

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ND - Not Detected at Practical Quantitation Limit

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B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

1 of 1

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT TO: ENVIRONMENTAL
NATURAL RESOURCE DEPT.
AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

APPROVED

Operator: ELM RIDGE RESOURCES Telephone: (505) 326-7099

Address: 312 WEST LA PLATA STREET, FARMINGTON, NM 87401

Facility or Well Name: JICARILLA APACHE "F" WELL #11 LAND FARM

Location: Unit or Qtr/Qtr Sec A Sec 21 T 25N R 5W County RIO ARriba

Land Type: _____

Date Remediation Started: _____ Date Completed: 4/21/98

Remediation Method: Landfirmed ☒ Approx. cubic yards 300

Composted ☐

Other _____

Depth To Groundwater: (pts.) 0

Distance to an Ephemeral Stream (pts.) 0

Distance to Nearest Lake, Playa, or Watering Pond (pts.) 0

Wellhead Protection Area: (pts.) 0

Distance To Surface Water: (pts.) 0

RANKING SCORE (TOTAL POINTS): 0

Final Closure Sampling:

Sampling Date: 4/21/98 Time: 10:44

Sample Results:

Field Headspace (ppm) _____

TPH (ppm) Gas - ND Method 8015 M

DIE - 900 ppm

Other _____

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 12/22/98 PRINTED NAME SHAWN ADAMS

SIGNATURE Shawn Adams AND TITLE ENV. CONSULTANT

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO ☐ (REASON) May not be used as backfill.

SIGNED: Karena S. Callado DATE: 22 DEC 98

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 11-May-98

Client:	Contract Environmental Services, Inc.	Client Sample Info:	Jic. Apache "F" Well 11
Work Order:	9805005	Client Sample ID:	JF11-102; Landfarm
Lab ID:	9805005-03A	Matrix:	SOIL
Project:	Jicarilla Apache	Collection Date:	4/21/98 10:44:00 AM
		COC Record:	6931

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	900	50		mg/Kg	1	Analyst: HR 5/6/98
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: DC 5/5/98

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Surr: - Surrogate

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Telephone: (505) 325-5667 • Fax: (505) 325-1556

Purchase Order No.:		Job No.	
Name: <u>Shawn Adams</u>		Title:	
Company: <u>Contract Funi.</u>		Company:	
Address: <u>PO Box 3776</u>		Mailing Address:	
City, State, Zip:		City, State, Zip:	
Telephone No.:		Telephone No.:	
Telefax No.:		Telefax No.:	
SEND INVOICE TO		RESULTS TO	
Name:		Name:	
Company:		Company:	
Mailing Address:		Mailing Address:	
City, State, Zip:		City, State, Zip:	
Telephone No.:		Telephone No.:	
Telefax No.:		Telefax No.:	
Sampling Location: <u>Jicarilla Apache "F" well 11</u>		ANALYSIS REQUESTED	
Jicarilla Apache "F" well 6 DH			
Jicarilla Apache "F" well 6 con.			
J. Apache "E" well 2			
Sampler: <u>James K. Kiky</u>			
SAMPLE IDENTIFICATION			
SAMPLE	DATE		PRES.
	TIME	MATRIX	
JF11 100 Well	4/21/98	10:52	Soil
JF11 101 Floor	4/21/98	10:57	Soil
JF11 102 Land Farm	4/21/98	10:59	Soil
JAFE DH 103 Well	4/21/98	11:40	Soil
JAFE DH 104 Floor	4/21/98	11:43	Soil
JAFE DH 105 Land Farm	4/21/98	11:47	Soil
JAFE con 107 Well	4/21/98	12:12	Soil
JAFE con 108 Floor	4/21/98	12:20	Soil
JAFE con 109 Land Farm	4/21/98	12:23	Soil
JAC2 110 Well	4/21/98	12:17	Soil
JAC2 111 Floor	4/21/98	12:21	Soil
JAC2 112 Land Farm	4/21/98	13:32	Soil
Relinquished by:	Date/Time: <u>4/21/98 10:30 AM</u>		Received by:
Relinquished by:	Date/Time:		Received by:
Relinquished by:	Date/Time:		Received by:
Method of Shipment:	Rush		Special Instructions:
Authorized by:	Date: <u>4/21/98</u>		10 Working Days
(Client Signature Must Accompany Request)		24-48 Hours	
SHA Date <u>4/21/98</u>		STP	
Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client			