

Blow - OK
Sep - OK
BJSTB

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

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

RECEIVED
AUG 20 1999
OIL CON. DIV.
DIST. 26-9200

PIT REMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY **Telephone:** (505) 26-9200

Address: 200 Amoco Court, Farmington, NM 87401

Facility or Well Name: JICARILLA APACHE TRIBAL ISI - SE

Location: Unit or Qtr/Qtr Sec E Sec 9 T26N R5W County RIO ARriba

Pit Type: Separator Dehydrator Other Blow

Land Type: RANGE

Pit Location:
(Attach diagram)

Pit dimensions: length 28', width 30', depth 13'

Reference: wellhead X, other

Footage from reference: 90'

Direction from reference: 39 Degrees X East of North
 West of South X

Depth To Groundwater:

(Vertical distance from
contaminants to seasonal
high water elevation of
groundwater)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	<u>0</u>
Greater than 100 feet	(0 points)	<u>0</u>

Distance to an Ephemeral Stream

(Downgradient dry wash greater than
ten feet in width)

Less than 100 feet	(10 points)	<u>0</u>
Greater than 100 feet	(0 points)	<u>0</u>

Distance to Nearest Lake, Playa, or Watering Pond

(Downgradient lakes, playas and
livestock or wildlife watering ponds)

Less than 100 feet	(10 points)	<u>0</u>
Greater than 100 feet	(0 points)	<u>0</u>

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or: less than
1000 feet from all other water sources)

Yes	(20 points)	<u>0</u>
No	(0 points)	<u>0</u>

Distance To SurfaceWater:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 100 feet	(20 points)	
100 feet to 1000 feet	(10 points)	<u>0</u>
Greater than 1000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

BJ573

Blow PIT

Date Remediation Started: _____ Date Completed: 7/10/98

Remediation Method: Excavation ☒
Check all appropriate sections) Landfarmed ☒
Other _____
Approx. cubic yards 300
Insitu Bioremediation _____

Remediation Location: Onsite ☒ Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation. BEDROCK BOTTOM.Groundwater Encountered: No ☒ Yes _____ Depth _____

Final Pit:

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached DocumentsSample depth 7' (EAST SIDEWALK)Sample date 6/29/98 Sample time 1030

Sample Results

Soil: Benzene	(ppm)	<u>ND</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>5.960</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>2.749</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>49.5</u>	Total Xylenes	(ppb)	_____

Groundwater Sample: Yes _____ No ☒ (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 7/10/98 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

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

APPROVED: YES ☒ NO _____ (REASON) _____

SIGNED: Ken C. Mc... DATE: 7-27-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>85573</u> C.D.C. NO: <u>6040</u>
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FIELD REPORT: CLOSURE VERIFICATION

LOCATION: NAME: <u>JICA AP. TRIBAL ISI</u> WELL #: <u>SE</u> PIT: <u>BLW</u>	PAGE No: <u>1</u> of <u>1</u>
QUAD/UNIT: <u>E</u> SEC: <u>9</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	DATE STARTED: <u>6/29/98</u> DATE FINISHED: _____
OTR/FOOTAGE: <u>1795' FNL</u> <u>795' FWL</u> CONTRACTOR: <u>P & S</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>28</u> FT x <u>30</u> FT x <u>13</u> FT DEEP. CUBIC YARDAGE: <u>300</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u> LEASE: <u>JICA ISI</u> FORMATION: <u>DR</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>90</u> FT. <u>S39E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>	CHECK ONE:
NMOC RANKING SCORE: <u>0</u> NMOC TPH CLOSURE STD: <u>5000</u> PPM	<input checked="" type="checkbox"/> PIT ABANDONED
SOIL AND EXCAVATION DESCRIPTION:	<input type="checkbox"/> STEEL TANK INSTALLED
	<input type="checkbox"/> FIBERGLASS TANK INSTALLED

SIDEWALLS - PREDOMINANTLY DUSKY RED/MED. GRAY SILTY CLAY TO CLAY PLASTIC, SLIGHTLY MOIST, FIRM, STRONG HC ODOR OBSERVED WITH EXCAVATION & OVM SAMPLES, UNABLE TO DISCERN STAINING DURING SAMPLING.

BOTTOM - BEDROCK (SHALE) VERY PALE ORANGE TO MED. GRAY IN COLOR, VERY HARD, NO APPARENT HC ODOR IN OVM SAMPLE.

BEDROCK
BOTTOM

CLOSED

FIELD 418.1 CALCULATIONS

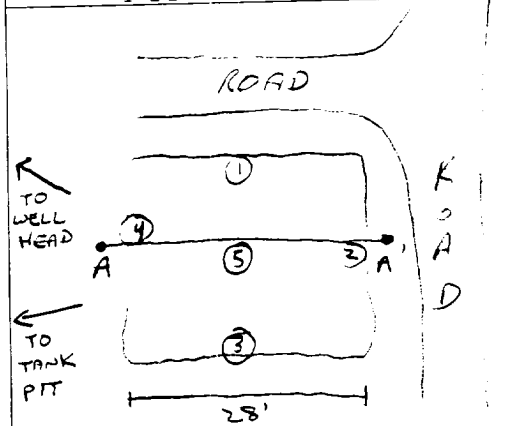
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1030							

SCALE

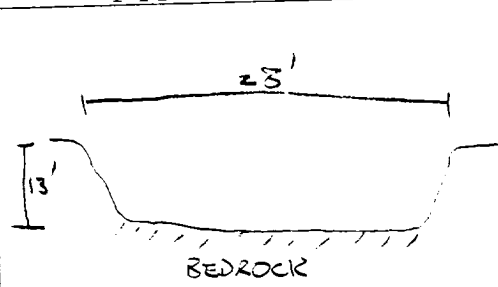


0 FT

PIT PERIMETER



PIT PROFILE



OVM RESULTS

SAMPLE I.D.	FIELD HEADSPACE PID (ppm)
1 e 8'	2,675
2 e 7'	2,749
3 e 8'	878
4 e 7'	2,476
5 e 13'	5.9

LAB SAMPLES

SAMPLE I.D.	ANALYSIS	TIME
2 e 7'	TPH, BTEX	1030
(BOTH PASSED)		

TRAVEL NOTES:	CALLOUT: <u>6/25/98 - AFTER.</u> ONSITE: <u>6/29/98 - MORN.</u>
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EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

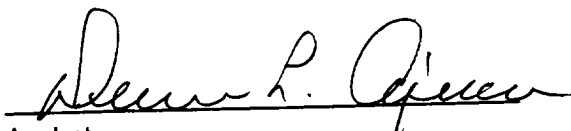
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	2 @ 7'	Date Reported:	07-02-98
Laboratory Number:	D572	Date Sampled:	06-29-98
Chain of Custody No:	6040	Date Received:	06-30-98
Sample Matrix:	Soil	Date Extracted:	07-01-98
Preservative:	Cool	Date Analyzed:	07-01-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

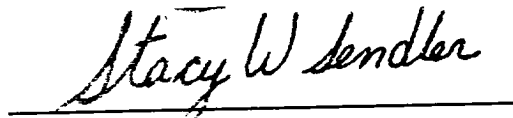
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	31.4	0.2
Diesel Range (C10 - C28)	18.1	0.1
Total Petroleum Hydrocarbons	49.5	0.2

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: Jicarilla Apache Tribal #151 - 5E Blow Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	2 @ 7'	Date Reported:	07-02-98
Laboratory Number:	D572	Date Sampled:	06-29-98
Chain of Custody:	6040	Date Received:	06-30-98
Sample Matrix:	Soil	Date Analyzed:	07-01-98
Preservative:	Cool	Date Extracted:	07-01-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	222	8.4
Ethylbenzene	287	7.6
p,m-Xylene	4,210	10.8
o-Xylene	1,240	5.2
Total BTEX	5,960	

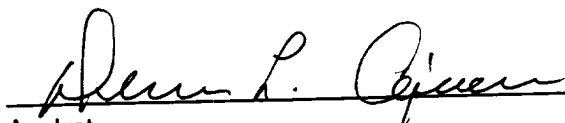
ND - Parameter not detected at the stated detection limit.

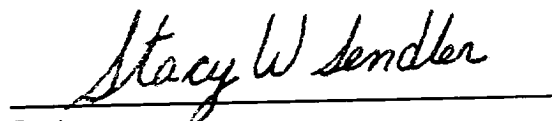
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Jicarilla Apache Tribal #151 - 5E Blow Pit.


Analyst


Review

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

BT573

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

PIT REMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY **Telephone:** (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401
Facility or Well Name: JICARILLA APACHE TRIBAL 151 - SE
Location: Unit or Qtr/Qtr Sec E Sec 9 T 26N R 5W County RIO ARIZONA
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: RANGE

Pit Location: (Attach diagram) Pit dimensions: length 31', width 34', depth 16'
Reference: wellhead ☒, other ☐
Footage from reference: 115'
Direction from reference: 77 Degrees ☐ East ☒ North ☒
☒ West ☐ South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)	Yes	(20 points)	
	No	(0 points)	<u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet	(20 points)	
	100 feet to 1000 feet	(10 points)	
	Greater than 1000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

BT573

SEP. PIT

Date Remediation Started: _____ Date Completed: 7/10/98mediation Method: Excavation ☒
Check all appropriate
sections) Landfarmed ☒
Other _____Approx. cubic yards 600

Insitu Bioremediation _____

Remediation Location:
(i.e. landfarmed onsite,
name and location of
offsite facility)Onsite ☒ Offsite _____General Description of Remedial Action: Excavation, BEDROCK BOTTOM

Groundwater Encountered:


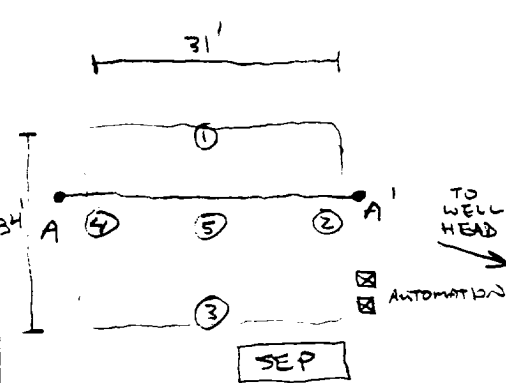
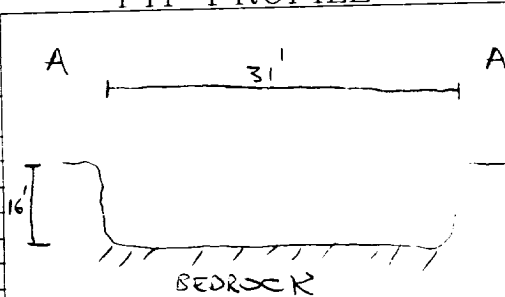
No ☒ Yes _____ Depth _____Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample location see Attached DocumentsSample depth 10' (WEST SIDEWALL)Sample date 6/29/98 Sample time 0915

Sample Results

Soil: Benzene	(ppm)	<u>0.293</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>4.820</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>3,343</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>80.7</u>	Total Xylenes	(ppb)	_____

Groundwater Sample: Yes _____ No ☒ (If yes, attach sample results)I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEGE AND BELIEFDATE 7/10/98 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental CoordinatorAFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE
TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.APPROVED: YES ☒ NO _____ (REASON) _____SIGNED: [Signature] DATE: 7-27-98

300392316 4

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81573</u> C.D.C. NO: <u>6040</u>																																
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																
LOCATION: NAME: <u>JICA. AP. TRIBAL ISI WELL # SE</u> PIT: <u>SEP.</u> QUAD/UNIT: <u>E</u> SEC: <u>9</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1795' FNL 795' FNL</u> CONTRACTOR: <u>P & S</u>		DATE STARTED: <u>6/29/98</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																
EXCAVATION APPROX. <u>31</u> FT. x <u>34</u> FT. x <u>16</u> FT. DEEP. CUBIC YARDAGE: <u>600</u> DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u> LAND USE: <u>RANGE</u> LEASE: <u>JICA ISI</u> FORMATION: <u>DK</u>																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>115</u> FT. <u>N77W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u> NMOCB RANKING SCORE: <u>0</u> NMOCB TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION:																																		
SIDEWALLS - MOSTLY DUSKY RED/MED. GRAY SILTY CLAY SLIGHTLY PLASTIC TO PLASTIC, SLIGHTLY MOIST, FIRM TO STIFF, STRONG HC ODOR OBSERVED w/IN EXCAVATION & OUM SAMPLES, UNABLE TO DISCERN STAINING DURING SAMPLING. BOTTOM - BEDROCK (SHALE) VERY PALE ORANGE TO LT. GRAY IN COLOR, VERY HARD, NO APPARENT HC ODOR IN OUM SAMPLE.																																		
BEDROCK BOTTOM SCALE  0 FT	FIELD 418.1 CALCULATIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TIME</th> <th>SAMPLE I.D.</th> <th>LAB No:</th> <th>WEIGHT (g)</th> <th>ML. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr> <td>0915</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm	0915																							
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TRAVEL NOTES CALLOUT: <u>6/25/98 - AFTER.</u> ONSITE: <u>6/29/98 - MORN.</u>																																		

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / AMOCO
Sample ID: 4 @ 10'
Laboratory Number: D571
Chain of Custody No: 6040
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

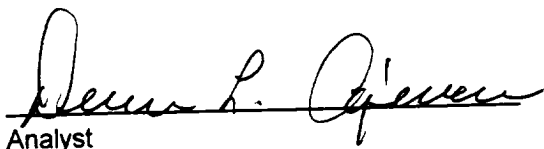
Project #: 04034-10
Date Reported: 07-02-98
Date Sampled: 06-29-98
Date Received: 06-30-98
Date Extracted: 07-01-98
Date Analyzed: 07-01-98
Analysis Requested: 8015 TPH

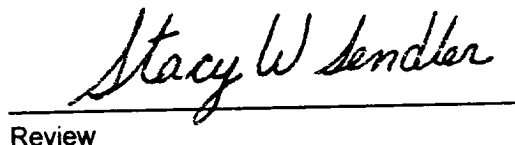
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	50.9	0.2
Diesel Range (C10 - C28)	29.8	0.1
Total Petroleum Hydrocarbons	80.7	0.2

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: Jicarilla Apache Tribal #151 - 5E Separator Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	4 @ 10'	Date Reported:	07-02-98
Laboratory Number:	D571	Date Sampled:	06-29-98
Chain of Custody:	6040	Date Received:	06-30-98
Sample Matrix:	Soil	Date Analyzed:	07-01-98
Preservative:	Cool	Date Extracted:	07-01-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	293	8.8
Toluene	148	8.4
Ethylbenzene	253	7.6
p,m-Xylene	3,150	10.8
o-Xylene	971	5.2
Total BTEX	4,820	

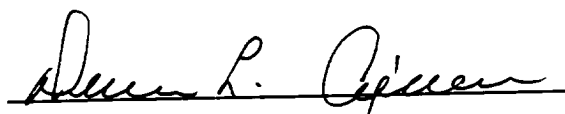
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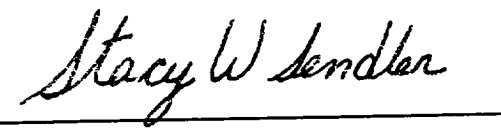
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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: Jicarilla Apache Tribal #151 - 5E Separator Pit.


Analyst


Review

6040

Ref doc's 6040-6041

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

85573

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401
Facility or Well Name: JICARILLA APACHE TRIBAL 151-5E
Location: Unit or Qtr/Qtr Sec E Sec 9 T 26N R 5W County RIO ARRIERA
Land Type: RANGE

Date Remediation Started: 6-29-98 Date Completed: 1-22-99
Remediation Method: Landfarmed ☒ Approx. cubic yards 900
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: 1-20-99 Time: 1100
Sample Results:
Field Headspace (ppm) 0.0
TPH (ppm) 3.0 Method BOIS
Other ☐

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

DATE 1/22/99 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

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) _____

SIGNED: K-C M DATE: 3-31-99

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJS78</u> C.O.C. NO: <u>6561</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>SICABILLA APACHE TRIBAL 151</u>	WELL #: <u>SE</u>	PITS: <u>SEP, BLOW</u>	DATE STARTED: <u>1.20.99</u>
QUAD/UNIT: <u>E</u>	SEC: <u>9</u>	TWP: <u>26N</u>	RNG: <u>5W</u>
PM: <u>NM</u>	CNTY: <u>RA</u>	ST: <u>NM</u>	DATE FINISHED: <u>1.22.99</u>
QTR/FOOTAGE: <u>SW/4 NW/4</u>	CONTRACTOR: <u>P+S</u>	ENVIRONMENTAL SPECIALIST: <u>REP</u>	

SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: 900

LAND USE: RANGE

LIFT DEPTH (ft): 1.5

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: > 100' NEAREST WATER SOURCE: > 1000' NEAREST SURFACE WATER: > 1000'

NMDCI RANKING SCORE: 0 NMDCI TPH CLOSURE STD: 5000 PPM

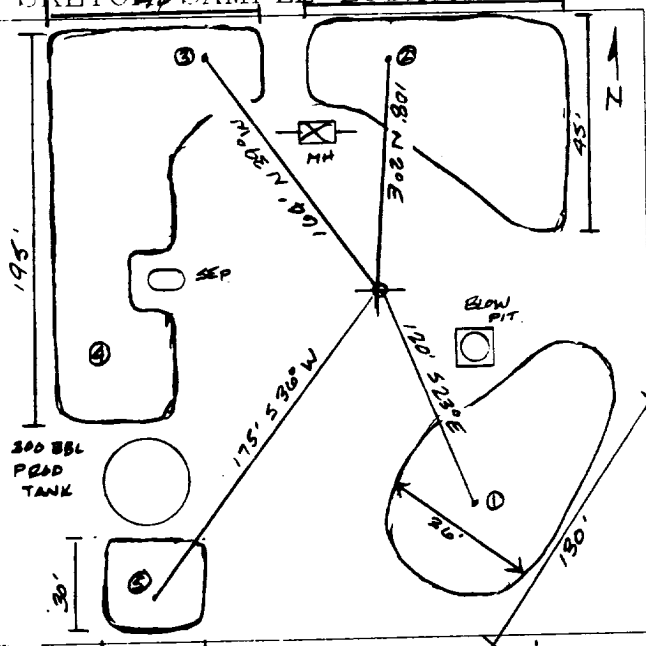
DK. YELLOWISH ORANGE - BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM
NO STAINING OBSERVED OR HC ODOR DETECTED. SAMPLING DEPTHS RANGE FROM
6" - 12", TOOK A SPT COMPOSITE SAMPLE FOR LAB ANALYSIS

CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (B015)	1100	3.0

SCALE

0 190 FT

TRAVEL NOTES: CALLOUT: N/A

ONSITE: 1.20.99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

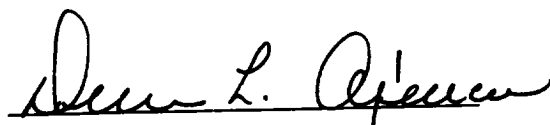
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	01-22-99
Laboratory Number:	E563	Date Sampled:	01-20-99
Chain of Custody No:	6561	Date Received:	01-21-99
Sample Matrix:	Soil	Date Extracted:	01-22-99
Preservative:	Cool	Date Analyzed:	01-22-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

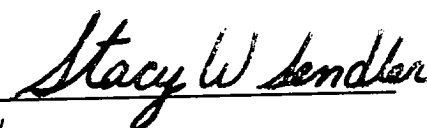
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.4	0.2
Diesel Range (C10 - C28)	1.6	0.1
Total Petroleum Hydrocarbons	3.0	0.2

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: Jicarilla Apache Tribal 151 - 5E Landfarm. 5 Pt. Composite.


Analyst


Review

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[illegible]