

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company **Telephone:** (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: CANYON # 20
Well Name
Location: Unit or Qtr/Qtr Sec M Sec 13 T 25N R 11W County SAN JUAN
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: BLM ☐, State ☐, Fee ☐, Other ☐ Com. AGMT ☐

Pit Location: Pit dimensions: length 18', width 24', depth 27'
(Attach diagram)
Reference: wellhead ☐, other ☐
Footage from reference: 110'
Direction from reference: 47 Degrees ☒ East North ☒
of
West South ☐

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points) 0
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points) 0
(Less than 200 feet from a private No (0 points)
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points) 0
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

80533

SEP. PIT

Date Remediation Started: _____ Date Completed: 11/8/98

Remediation Method: Excavation ☒ Approx. cubic yards 432
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other STOCKPILED

Remediation Location: Onsite _____ Offsite ☒ CANYON #17 (A-25-25-11)
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____
Excavation, BEDROCK BOTTOM.

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit: Sample location see Attached Documents
Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 27' (PIT BOTTOM)

Sample date 11/9/98 Sample time 1045

Sample Results

Benzene(ppm) 0.0208

Total BTEX(ppm) 0.089

Field headspace(ppm) 670 CB @ 20'

TPH 993 ppm @ CB @ 20' ND @ CB @ 27'

Ground Water 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 11/8/98
SIGNATURE Buddy D. Shaw PRINTED NAME AND TITLE Buddy D. Shaw
Environmental Coordinator

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
IMMEDIATE RANKING SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM
SOIL AND EXCAVATION DESCRIPTION:
CHECK ONE:
☒ PIT ABANDONED
☐ STEEL TANK INSTALLED
☐ FIBERGLASS TANK INSTALLED

CALLOUT:

ONSITE:

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

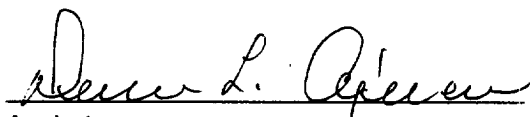
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	C @ 20'	Date Reported:	01-08-98
Laboratory Number:	C790	Date Sampled:	01-07-98
Chain of Custody No:	5782	Date Received:	01-08-98
Sample Matrix:	Soil	Date Extracted:	01-08-98
Preservative:	Cool	Date Analyzed:	01-08-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	925	0.2
Diesel Range (C10 - C28)	67.8	0.1
Total Petroleum Hydrocarbons	993	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: **Canyon 20.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

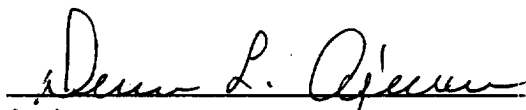
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	C @ 27'	Date Reported:	01-12-98
Laboratory Number:	C791	Date Sampled:	01-09-98
Chain of Custody No:	5783	Date Received:	01-09-98
Sample Matrix:	Soil	Date Extracted:	01-12-98
Preservative:	Cool	Date Analyzed:	01-12-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

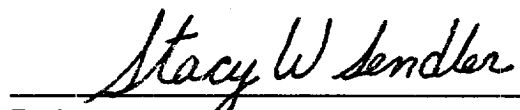
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Canyon 20.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	C @ 20'	Date Reported:	01-08-98
Laboratory Number:	C790	Date Sampled:	01-07-98
Chain of Custody:	5782	Date Received:	01-08-98
Sample Matrix:	Soil	Date Analyzed:	01-08-98
Preservative:	Cool	Date Extracted:	01-08-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	7,030	8.8
Toluene	17,630	8.4
Ethylbenzene	23,060	7.6
p,m-Xylene	12,870	10.8
o-Xylene	30,320	5.2
Total BTEX	90,910	

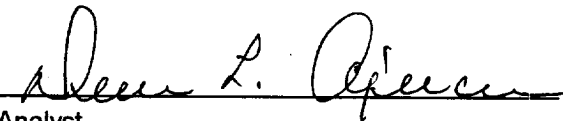
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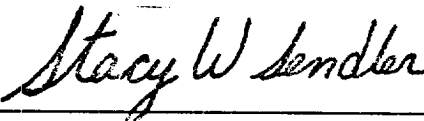
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Canyon 20.


Analyst


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	C @ 27'	Date Reported:	01-12-98
Laboratory Number:	C791	Date Sampled:	01-09-98
Chain of Custody:	5783	Date Received:	01-09-98
Sample Matrix:	Soil	Date Analyzed:	01-12-98
Preservative:	Cool	Date Extracted:	01-12-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	20.8	8.8
Toluene	9.6	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	48.3	10.8
o-Xylene	10.3	5.2
Total BTEX	89.0	

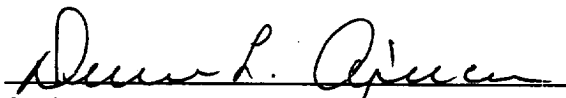
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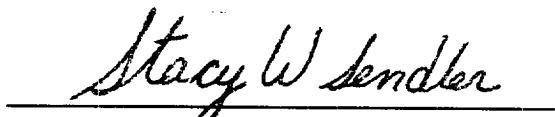
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Canyon 20.


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