

District I
P.O. Box 1980, Hobbs, NM
Denny L. Frost
District II
DEPUTY OIL & GAS INSPECTOR
P.O. Box 100, Artesia, NM 88221

State of New Mexico
Energy, Minerals and Natural Resources Dept.

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

District III
1000 Rio Brazos Rd, Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87504

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator: Caulkins Oil Company Telephone: (505) 632-1544

Address: P.O. Box 340, Bloomfield, NM 87413

Facility or Well Name: Breech "E" 58-M

Location: Unit or Qtr/Qtr Sec P Sec 3 T 26N R 6W County Rio Arriba

Pit Type: Separator X Dehydrator Other

Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length 20', width 20', depth 5'
(Attach diagram)

References: wellhead X, other _____

Footage from reference: 90'

Direction from reference: 270 Degrees _____ East North _____
of
X West South

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

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

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DIST. 2

Yes (20 points)
No (0 points)

0

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

RANKING SCORE (TOTAL POINTS): 0

SIGNATURE Robert L. Verquer PRINTED NAME
AND TITLE ROBERT L. VERQUER, SUPERINTENDENT

Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID: Pit Remediation
Sample ID: Breech E58-M Fill
Lab ID: 6747
Sample Matrix: Soil

Report Date: 05/16/97
Date Sampled: 04/15/97
Date Received: 04/16/97
Preservative: Cool
Condition: Intact

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
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Total Aromatic Hydrocarbons

0.54

Benzene

ND

0.16

Toluene

0.19

0.16

Ethylbenzene

ND

0.16

m,p-Xylenes

0.35

0.31

o-Xylene

ND

0.16

Total Volatile Petroleum Hydrocarbons

ND

14.0

Total Recoverable Petroleum Hydrocarbons

ND

29.9

Quality Control:

Surrogate

Percent Recovery

Acceptance Limits

Trifluorotoluene

105

50 - 150%

Bromofluorobenzene

98

74 - 121%

o-Terphenyl

95


50 - 150%

Reference:

Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics;
Test Methods for Evaluating Solid Wastes, SW-846, United States
Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas
Chromatography." Test Methods for Evaluating Solid Waste, Physical/
Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:


Review



Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID: Pit Remediation
Sample ID: Breech E58-M Bottom Of Pit
Lab ID: 6748
Sample Matrix: Soil

Report Date: 05/16/97
Date Sampled: 04/15/97
Date Received: 04/16/97
Preservative: Cool
Condition: Intact

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
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Total Aromatic Hydrocarbons

0.89

Benzene

0.16

0.15

Toluene

0.20

0.15

Ethylbenzene

ND

0.15

m,p-Xylenes

0.36

0.31

o-Xylene

0.17

0.15

Total Volatile Petroleum Hydrocarbons

ND

13.9

Total Recoverable Petroleum Hydrocarbons

ND

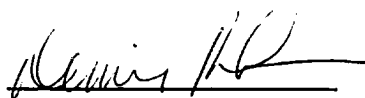
32.9

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	95	50 - 150%
	Bromofluorobenzene	103	74 - 121%
	o-Terphenyl	100	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics;
Test Methods for Evaluating Solid Wastes, SW-846, United States
Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas
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Comments:


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