

District I
P.O. Box 1980, Hobbs, NM
DEPUTY OIL & GAS INSPECTOR
District I
P.O. Drawer DD, Artesia, NM 88221
District III
1000 Rio Brazos Rd, Aztec, NM 87410

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

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

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

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: State "A" 62
Location: Unit or Qtr/Qtr Sec A Sec 2 T 26N R 6W County Rio Arriba
Pit Type: Separator X Dehydrator Other
Land Type: BLM , State X, Fee , Other

Pit Location: Pit dimensions: length 20', width 15', depth 2'
(Attach diagram) References: wellhead X, other
Footage from reference: 51'
Direction from reference: 30 Degrees X East North
of
 West South

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	
	50 feet to 99 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 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: State A 62 Fill
Lab ID: 6737
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

	ND	
Benzene	ND	0.16
Toluene	ND	0.16
Ethylbenzene	ND	0.16
m,p-Xylenes	ND	0.33
o-Xylene	ND	0.16

Total Volatile Petroleum Hydrocarbons

ND 36.6

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	104	74 - 121%
	o-Terphenyl	84	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: State A 62 Bottom Of Pit
Lab ID: 6738
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**1.09**

Benzene	ND	0.16
Toluene	ND	0.16
Ethylbenzene	ND	0.16
m,p-Xylenes	0.74	0.32
o-Xylene	0.36	0.16

Total Volatile Petroleum Hydrocarbons**ND****36.3****Total Recoverable Petroleum Hydrocarbons****105****30.2**

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	101	50 - 150%
	Bromofluorobenzene	126	74 - 121%
	o-Terphenyl	88	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics;
Test Methods for Evaluating Solid Wastes, SW-846, United States
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