

District I
P.O. Box 1980, Albuquerque, NM
Energy, Minerals and Natural Resources Department
District II
P.O. Drawer DD, Artesia, NM 86211
District III
1000 Rio Brazos Rd, Aztec, NM 87410
DEPUTY OIL & GAS INSPECTOR
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: BONNEVILLE FUELS CORPORATION Telephone: 303-863-1555
Address: 1660 Lincoln Street, Suite 1800, Denver, CO 80264
Facility Or: FULLERTON FEDERAL #15
Well Name
Location: Unit or Qtr/Qtr Sec M Sec 11 T 27N R 11W county SAN JUAN
Pit Type: Separator Dehydrator XX other and compressor
Land Type: BLM XX, State , Fee , Other

Pit Location: Pit dimensions: length 16, width 15, depth 8
(Attach diagram) Reference: wellhead , other See Attached
Footage from reference:
Direction from reference: 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)
(Less than 200 feet from a private No (0 points) 0
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)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

RECEIVED
FEB 18 1997
OIL CON. DIV.
DIST. 3

Date Remediation Started: 5-22-96 Date Completed: 5-22-96

Remediation Method: Excavation _____ Approx. cubic yards 71
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
other _____

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

General Description Of Remedial Action: Contamination was remediated by dilution and aeration. Remediated soil was backfilled into remediated pit. A fiberglass tank was
emplaced in same location as old earthen pit. Fiberglass tank installed as per NMOCD
guidelines.

Ground Water Encountered: No xx Yes _____ Depth _____

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

Sample depth 8'

Sample date 5-22-96 Sample time 11:20

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) Stockpile Composite (PID, 0 units)
TD 8' (PID, 0.6 units)

TPH @ 8' = 633.4 ppm; Backfill = 40.0 ppm (8015 method)

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 5/22/96 SIGNATURE [Signature] agk
PRINTED NAME AND TITLE JAMES O. CABLE
VICE PRESIDENT OPERATIONS

ON SITE TECHNOLOGIES, LTD.
P.O. BOX 2606, FARMINGTON, NM 87499
(505) 325-5667

DATE: 05-22-96

CLIENT: BONNEVILLE FUELS

SITE LOCATION: FULLERTON FEDERAL #15
San Juan County
M Sec 11, T27N, R.11W

CONTRACTOR: ON SITE EQUIPMENT: Trackhoe (Hitachi EX220LC)

ASSESSMENT SUMMARY

CO. #: BON1001

LOGGER: CG

JOB #: 4-1286

PAGE #: 1

START: 09:30

FINISH: 11:20

NOTES:

Remediation: Dehy/Compressor

Center Of Pit @8' (PID:0.6units). (TPH:633.4 ppm)

Stockpile Composite: (PID:0.0Units) (TPH:40.0 ppm)

TD:8'

LAB: 2 TPH (8015MOD)

WELLHEAD



METER HOUSE

COMPRESSOR

16'

8'

15'

APPROX
EXCAVATION

OFF: (505) 325-8786



LAB: (505) 325-5667

TPH - Gasoline / Diesel Range Organics

Attn: *Cindy Gray*
 Company: *On Site Technologies, Ltd.*
 Address: *612 E. Murray Drive*
 City, State: *Farmington, NM 87401*

Date: *24-May-96*
 COC No.: *4114*
 Sample No. *10977*
 Job No. *4-1286*

Project Name: *Bonneville Fuels Federal Lease*
 Project Location: *Fullerton Federal #15; Backfill Composite*
 Sampled by: *CG* Date: *22-May-96* Time: *10:35*
 Analyzed by: *DC* Date: *24-May-96*
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	40.0	mg/kg	5.0	mg/kg
	TOTAL	40.0		mg/kg

Quality Assurance Report

GRO QC No.: *0461-STD*
 DRO QC No.: *0475-STD*

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,080	1,147	6.2	15%
Diesel Range (C10 - C28)	<5.0	ppm	2,000	1,906	4.7	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	94	80	(70-130)	11	20%
Diesel Range (C10-C28)	117	106	(70-130)	7	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*
 Date: *5/24/96*

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TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-8786



LAB: (505) 325-5667

TPH - Gasoline / Diesel Range Organics

Attn: *Cindy Gray*
 Company: *On Site Technologies, Ltd.*
 Address: *612 E. Murray Drive*
 City, State: *Farmington, NM 87401*

Date: *24-May-96*
 COC No.: *4114*
 Sample No. *10978*
 Job No. *4-1286*

Project Name: *Bonneville Fuels Federal Lease*
 Project Location: *Fullerton Federal #15; T.D. 8.0'*
 Sampled by: *CG* Date: *22-May-96* Time: *10:00*
 Analyzed by: *DC* Date: *24-May-96*
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	633.4	mg/kg	5.0	mg/kg
	TOTAL	633.4		mg/kg

Quality Assurance ReportGRO QC No.: *0461-STD*DRO QC No.: *0475-STD***Calibration Check**

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
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TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT

OFF: (505) 325-8786



LAB: (505) 325-5667

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 23-May-96

Internal QC No.: 0444-STD

Surrogate QC No.: 0445-STD

Reference Standard QC No.: 0355-STD

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.2	4	15%
Toluene	ppb	20.0	19.4	3	15%
Ethylbenzene	ppb	20.0	19.5	3	15%
m,p-Xylene	ppb	40.0	38.4	4	15%
o-Xylene	ppb	20.0	19.2	4	15%

Matrix Spike

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	79	89	(39-150)	8	20%
Toluene	69	74	(46-148)	4	20%
Ethylbenzene	77	81	(32-160)	3	20%
m,p-Xylene	73	77	(35-145)	3	20%
o-Xylene	73	76	(35-145)	3	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)	
10983-4114	123	
10984-4114	100	

S1: Fluorobenzene

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY SERVING INDUSTRY WITH THE ENVIRONMENT -

CHAIN OF CUSTODY RECORD

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 5-22-96 Page of

Distribution:	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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