

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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>Horace F. McKay, Jr.</u> Telephone: <u>(505) 296-5508</u> Attn: <u>William J. Mayhew</u>							
Address: <u>P.O. Box 14738, Albuquerque, NM 87191-4738</u>							
Facility Or: <u>Uptegrove #1</u> Well Name							
Location: Unit or Qtr/Qtr Sec <u>P</u> Sec <u>2</u> T <u>30</u> R <u>12</u> county <u>Santa Fe</u>							
Pit Type: Separator <u>X</u> Dehydrator <u> </u> other <u> </u>							
Land Type: BLM <u> </u> , State <u> </u> , Fee <u>X</u> , Other <u> </u>							
Pit Location: Pit dimensions: length <u>30'</u> , width <u>24'</u> , depth <u>3'</u> (Attach diagram)							
Reference: wellhead <u> </u> , other <u> </u>							
Footage from reference: <u> </u>							
Direction from reference: <u> </u> Degrees <u> </u> East North <u> </u> of <u> </u> West South <u> </u>							
Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)							
<table><tr><td>Less than 50 feet</td><td>(20 points)</td></tr><tr><td>50 feet to 99 feet</td><td>(10 points)</td></tr><tr><td>Greater than 100 feet</td><td>(0 points) <u>20</u></td></tr></table>		Less than 50 feet	(20 points)	50 feet to 99 feet	(10 points)	Greater than 100 feet	(0 points) <u>20</u>
Less than 50 feet	(20 points)						
50 feet to 99 feet	(10 points)						
Greater than 100 feet	(0 points) <u>20</u>						
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)							
<table><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(0 points) <u>0</u></td></tr></table>		Yes	(20 points)	No	(0 points) <u>0</u>		
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)							
<table><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet to 1000 feet</td><td>(10 points)</td></tr><tr><td>Greater than 1000 feet</td><td>(0 points) <u>20</u></td></tr></table>		Less than 200 feet	(20 points)	200 feet to 1000 feet	(10 points)	Greater than 1000 feet	(0 points) <u>20</u>
Less than 200 feet	(20 points)						
200 feet to 1000 feet	(10 points)						
Greater than 1000 feet	(0 points) <u>20</u>						
RANKING SCORE (TOTAL POINTS): <u>40</u>							

RECEIVED
JAN 19 1995
OIL CON. DIV.
DIST. 3

Denny L. Faust
DEPUTY OIL & GAS INSPECTOR

MAR 11 3 1995

Approved

Date Remediation Started: 10/5/94 Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other _____ Site closable at time of assessment _____

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

General Description Of Remedial Action: Sampled on 10/5/95. Discharge into
pit stopped on January 16, 1995. Pit will be backfilled using soil from around
the location.

Ground Water Encountered: No X Yes _____ Depth _____

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

Sample date 10/5/94 Sample time N/A

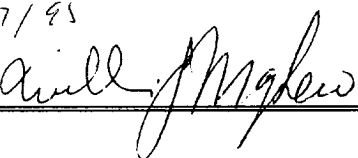
Sample Results

Benzene (ppm) 0.0077Total BTEX (ppm) 0.110Field headspace (ppm) 1.9 Three samples at 3' taken
8.3
4.0TPH 10 mg/kgGround Water Sample: Yes _____ No X (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 1/17/95

SIGNATURE

PRINTED NAME
AND TITLEWilliam J. Mayhew
Gen. MGR.

OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Jon Little*
Company: *On Site Technologies, Ltd.*
Address: *657 W. Maple*
City, State: *Farmington, NM 87413*

Date: *10/7/94*
Lab ID: *2178*
Sample No. *3451*
Job No. *4-1098*

Project Name: *Horace McKaye*
Project Location: *Uptegrove #1 3 each 3' samples composited*
Sampled by: *JL* Date: *10/6/94* Time:
Analyzed by: *DLA* Date: *10/7/94*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>3451-2178</i>	<i>Horace McKaye</i> <i>Uptegrove #1 3 each 3' samples composited</i>	<i>10 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:

Date:

Da 6x
10/7/94

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —

OFF: (505) 325-8786



LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *Jon Little*
Company: *On Site Technologies, Ltd.*
Address: *657 W. Maple*
City, State: *Farmington, NM 87401*

Date: *10/7/94*
Lab ID: *2178*
Sample ID: *3451*
Job No. *4-1098*

Project Name: *Horace McKaye*
Project Location: *Uptegrove #1 3 each 3' samples composited*
Sampled by: *JL* Date: *10/6/94*
Analyzed by: *DLA* Date: *10/7/94*
Sample Matrix: *Soil*

Time:

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
<i>Benzene</i>	<i>7.7</i>	<i>0.2</i>
<i>Toluene</i>	<i>27.6</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>4.0</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>59.2</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>11.6</i>	<i>0.2</i>
TOTAL <i>110 ug/kg</i>		

ND - Not Detectable

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:

Date:

[Signature]
10/7/94

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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: 10/7/94

Internal QC No.: 0222-STD

Surrogate QC No.: 0223-STD

Reference Standard QC No.: 0355-STD

Method Blank

Analytes in Blank	Amount
Average Amount of All Analytes In Blank	<0.1 ppb

Calibration Check

Calibration Standards	Units of Measure	*True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20	21	3	15%
Toluene	ppb	20	20	1	15%
Ethylbenzene	ppb	20	19	6	15%
m,p-Xylene	ppb	40	39	3	15%
o-Xylene	ppb	20	19	4	15%

Spike Results

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	37	38	(39-150)	2	20%
Toluene	36	36	(46-148)	0	20%
Ethylbenzene	37	37	(32-160)	0	20%
m,p-Xylene	38	38	(35-145)	1	20%
o-Xylene	37	38	(35-145)	2	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	S3 Percent Recovered
Limits	(70-130)		
3451-2178	99		

S1: Fluorobenzene

CHAIN OF CUSTODY RECORD

Page _____ of _____

Date:

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

TECHNOLOGIES, LTD.

[illegible]

Distribution	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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ON SITE TECHNOLOGIES, LTD.

TEST HOLE LOG and FIELD TESTING RESULTS

PROJECT: Horce/McKay JOB # 4-1098 DATE: 10-5-94

SITE LOCATION: Uptegrove #1 CLIENT: Bill Mayhew-

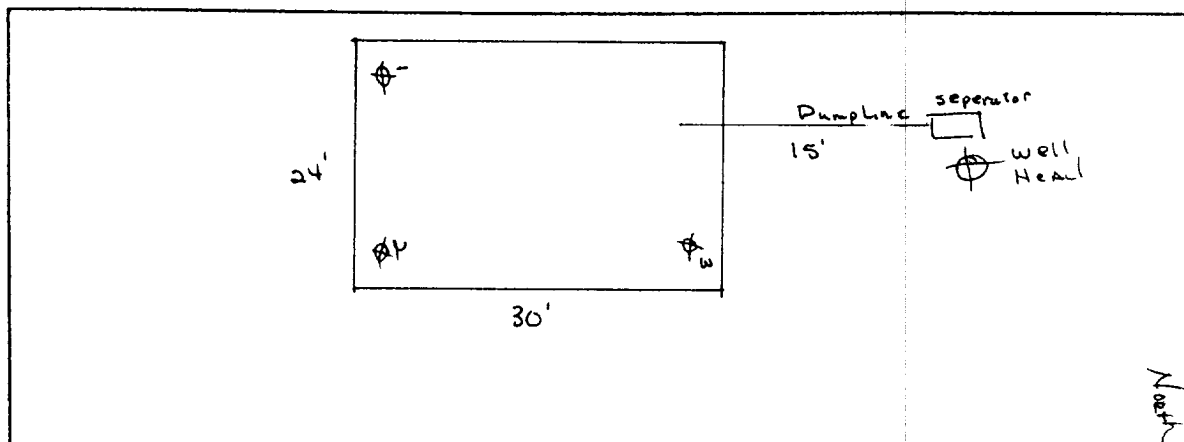
SAMPLER: Jon Little

METHOD: _____

TEST HOLE # 1, 2, 3, LAB SAMPLE IDs _____

DEPTH	SOIL TYPE	P.I.D. FIELD SCREENING	TPH EPA 418.1	OTHER REMARKS
Test. Hole 1 3'	sandy soil	8.3 units		pit contain rain water 700 to 800 feet to wash on west side of pit.
T.H. 2 3'	sandy soil	1.9 units		
T.H. 3	sandy soil	4.0 units		

SITE SKETCH WEATHER Sunny APPROX. TEMP. 60°F



(505) 325-8786

FAX (505) 327-1496

3005 NORTHRIDGE DRIVE, SUITE F P.O. BOX 2606 FARMINGTON, NEW MEXICO 87499