

**RANKING SCORE (TOTAL POINTS):**

Jackson #2E

Date Remediation Started: 05/27/1999

Date Completed: 06/01/1999

## Remediation Method:

Excavation

☒

Approx. Cubic Yard

633

(Check all appropriate sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

513

Other

120 cu yds overburden.

## Remediation Location:

Onsite

☒

Offsite

(i.e., landfarmed onsite, name and location of offsite facility)

## Backfill Material Location:

## General Description of Remedial Action:

Excavated contaminated soil to a pit size of 26' X 36.5' X 18' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

## Ground Water Encountered:

No

☒

Yes

☐

Depth

## Final Pit Closure Sampling:

Sample Location

5 pt. composite - bottom.

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

18'

Sample date

06/01/1999

Sample time

9:20:00 AM

## Sample Results

Benzene (ppm)

&lt;

0.1

Total BTEX (ppm)

9.37

Field headspace (ppm)

TPH (ppm)

110.00

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes

☐

No

☒

## Ground Water Sample:

Yes

☐

No

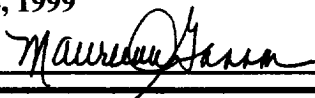
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(If yes, see attached Groundwater Site Summary Report)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE October 28, 1999

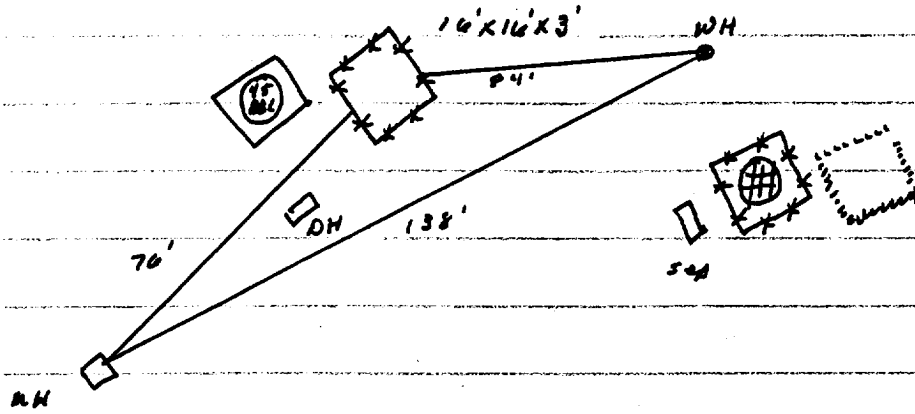
SIGNATURE



PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Jackson # 2E  
 (D) 18-31N-13W  
 Greystone  
 5-24-99 @ 1145

↑  
N



### Excavation Sample

26'(N+5) x 36.5'(E+W) x 18'(D)  
 Field headspace: 28.5 (walls)

### PID Readings

5' - 225 ppm  
 10' - 1001 ppm  
 15' - 2402 ppm  
 18' - 2021 ppm

North wall sample  
 at 18' - 0 ppm

East wall sample  
 at 18' - 0 ppm

West wall sample  
 at 18' - 20.3 ppm

South wall sample  
 at 18' - 75 ppm

5 point bottom composite sample  
 at 18' - 1424 ppm

NOT TO SCALE

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 17-Jun-99

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**CLIENT:** PNM - Public Service Company of NM

**Project:** Jackson #2E & Taliaferro #2

**Lab Order:** 9906001

## **CASE NARRATIVE**

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Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

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RH

LAB: (505) 325-1556

**ANALYTICAL REPORT****Date:** 17-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Jackson #2E
<b>Work Order:</b>	9906001	<b>Client Sample ID:</b>	9906010920; 5pt. Bottom Comp
<b>Lab ID:</b>	9906001-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Jackson #2E & Taliaferro #2	<b>Collection Date:</b>	6/1/99 9:20:00 AM
		<b>COC Record:</b>	7631

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	110	25		mg/Kg	1	6/11/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				Analyst: DC
Benzene	ND	100		µg/Kg	100	6/11/99
Toluene	510	200		µg/Kg	100	6/11/99
Ethylbenzene	460	100		µg/Kg	100	6/11/99
m,p-Xylene	6800	200		µg/Kg	100	6/11/99
o-Xylene	1600	100		µg/Kg	100	6/11/99

9370  
 9.370ppm

**Qualifiers:**  
 PQL - Practical Quantitation Limit  
 ND - Not Detected at Practical Quantitation Limit  
 J - Analyte detected below Practical Quantitation Limit  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 Surr: - Surrogate

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OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 17-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Jackson #2E
<b>Work Order:</b>	9906001	<b>Client Sample ID:</b>	9906010925; 4pt. Wall Comp
<b>Lab ID:</b>	9906001-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Jackson #2E & Taliaferro #2	<b>Collection Date:</b>	6/1/99 9:25:00 AM
		<b>COC Record:</b>	7631

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/7/99

**Qualifiers:**

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J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr - Surrogate

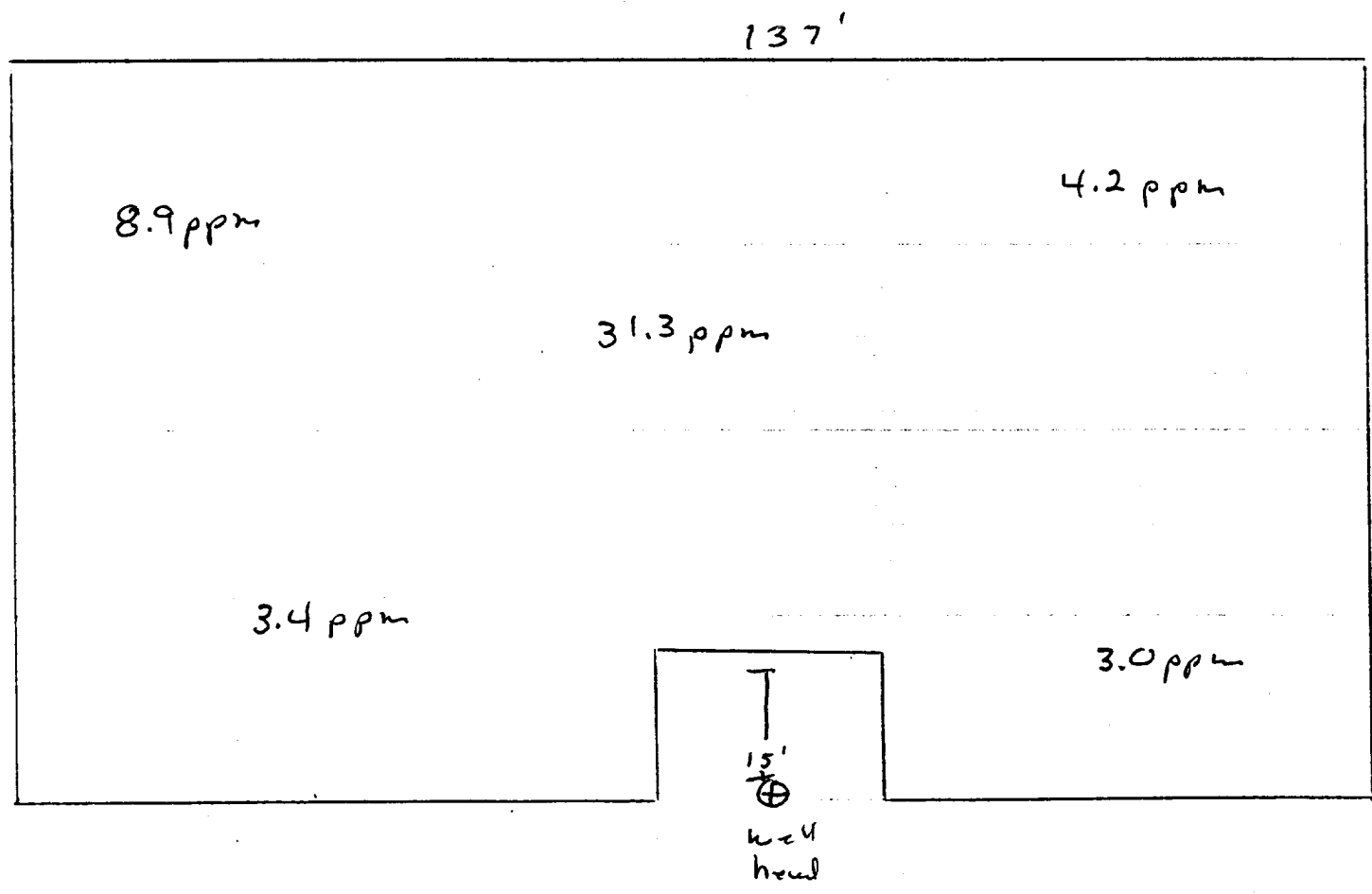
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JACKSON 2 E  
SEC-18 T-31N R-13W UL-0  
Greystone

LAND FARM DRAWING

App 512.66 cu.yds



71

2" to 12" Depth  
Headspace 23.7 ppm  
Sample # 9907150941

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**On Site Technologies, LTD.**

**Date:** 30-Jul-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Jackson 2E, Newman 1E & Payne 4 LF  
**Lab Order:** 9907038

**CASE NARRATIVE**

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Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.



OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 30-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Jackson 2E LF
<b>Work Order:</b>	9907038	<b>Client Sample ID:</b>	9907150941; 5pt Comp
<b>Lab ID:</b>	9907038-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Jackson 2E, Newman 1E & Payne 4 LF	<b>Collection Date:</b>	7/15/99 9:41:00 AM
		<b>COC Record:</b>	7736

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/29/99

**Qualifiers:**

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J - Analyte detected below Practical Quantitation Limit  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
Surr: - Surrogate

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