

Operator:	PNM Gas Services (Burlington)	Telephone:	324-3764
Address:	603 W. Elm Street Farmington, NM 87401		
Facility or Well Name:	Culpepper Martin #1A GC		
Location:	Unit <u> C </u>	Sec <u> 21 </u>	T <u> 32 N </u> R <u> 12 W </u> County <u> San Juan </u>
Pit Type:	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other _____
Land Type:	BLM <input type="checkbox"/>	State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/> Other _____

Pit Location:	Pit dimensions:	length <u> 20 '</u>	width <u> 20 '</u>	depth <u> 3 '</u>
(Attach diagram)	Reference:	wellhead <input checked="" type="checkbox"/>	other _____	
	Footage from reference:	<u> 77' </u>		
	Direction from reference:	<u> 90 </u> Degrees	<input checked="" type="checkbox"/> East	North <input checked="" type="checkbox"/>
			of	
			<input type="checkbox"/> West	South <input type="checkbox"/>

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

Wellhead Protection Area:	Yes	(20 points)	
(Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all other water sources)	No	(0 points)	<u> 0 </u>

Distance to Surface Water:	Less than 200 feet	(20 points)	
	200 feet to 1,000 feet	(10 points)	
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Greater than 1,000 feet	(0 points)	<u> 0 </u>

RANKING SCORE (TOTAL POINTS) :	<u> 0 </u>
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Culpepper Martin #1A GC

Date Remediation Started: 05/04/1999

Date Completed: 05/04/1999

Remediation Method:

Excavation

X

Approx. Cubic Yard

977

(Check all appropriate sections)

Landfarmed

X

Amount Landfarmed (cubic yds)

800

Other

177 cu yds overburden

Remediation Location:

Onsite

X

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 40' X 33' X 20' 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

3 pt composite-bottom.

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

Sample depth

20'

Sample date

05/04/1999

Sample time

2:45:00 PM

Sample Results

Benzene (ppm)

0.36

Total BTEX (ppm)

46.96

Field headspace (ppm)

TPH (ppm)

230.00

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes



No



Ground Water Sample:

Yes



No



(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

Maureen Gannon

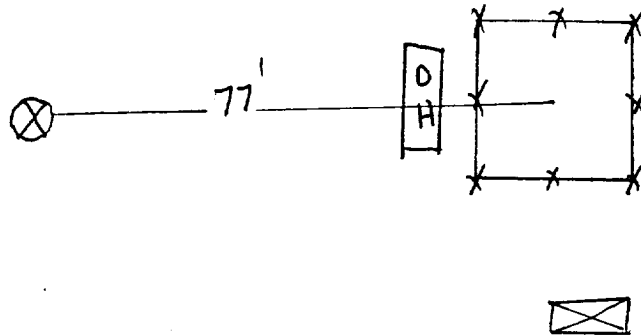
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Culpepper Martin # 1A
Burlington
Sec. 31, 32N, 12W, 6

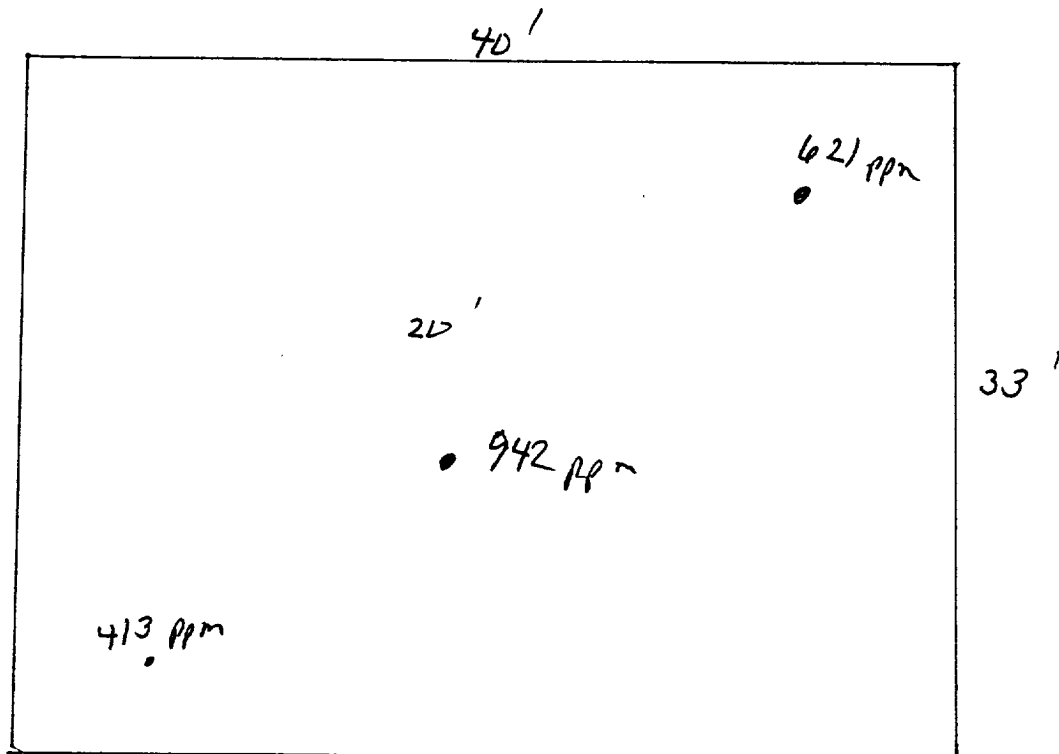
5/4/99

↑
N

Site diagram:



End of excavation:



Field Headspace: 13.8 ppm (walls)

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 14-May-99

CLIENT: PNM - Public Service Company of NM

Project: Culpepper Martin #1A

Lab Order: 9905024

CASE NARRATIVE

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.

6c

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 14-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #1A
Work Order:	9905024	Client Sample ID:	9905041445; Bottom @ 20ft - 3pt. Composite
Lab ID:	9905024-01A	Matrix:	SOIL
Project:	Culpepper Martin #1A	Collection Date:	5/4/99 2:45:00 PM
		COC Record:	7588

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	230	25		mg/Kg	1	5/13/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DC
Benzene	360	250		µg/Kg	250	5/11/99
Toluene	11000	500		µg/Kg	250	5/11/99
Ethylbenzene	3200	250		µg/Kg	250	5/11/99
m,p-Xylene	26000	500		µg/Kg	250	5/11/99
o-Xylene	6400	250		µg/Kg	250	5/11/99

46960
46.960 ppm

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 14-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #1A
Work Order:	9905024	Client Sample ID:	9905041450; Walls @ 15ft
Lab ID:	9905024-02A	Matrix:	SOIL
Project:	Culpepper Martin #1A	Collection Date:	5/4/99 2:50:00 PM
		COC Record:	7588

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/10/99

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

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Surr: - Surrogate

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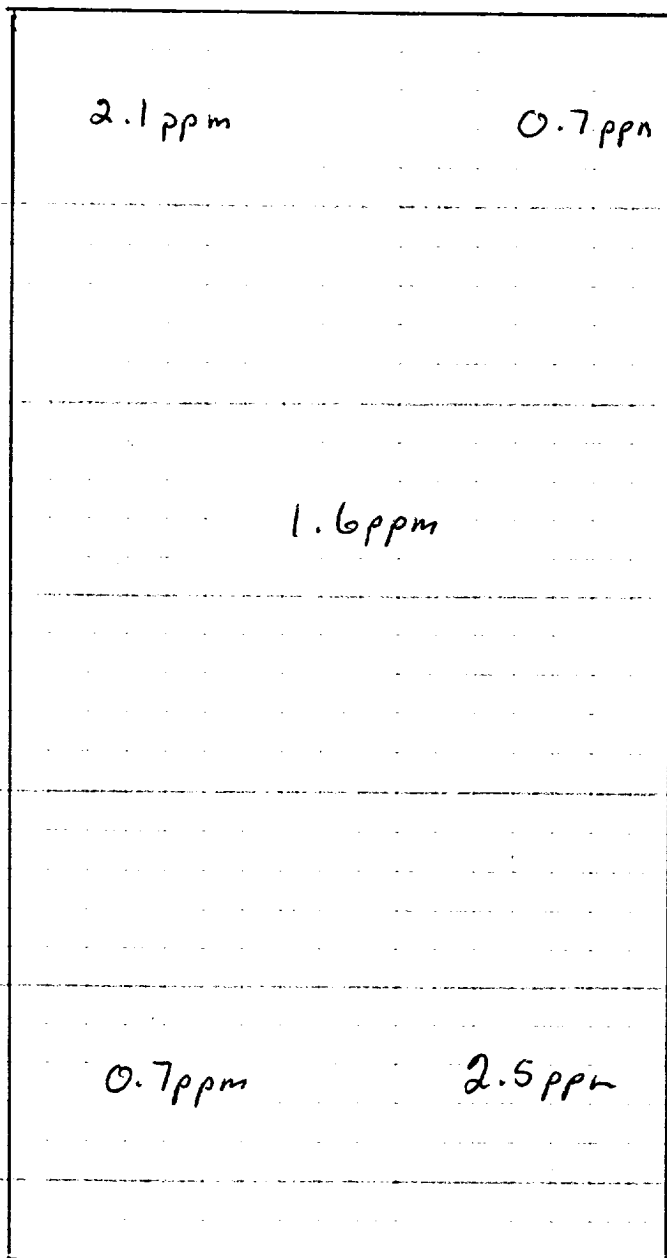
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ul. pepper 1.1 ul. in 1/4
Sec-21 T-32N R-12W ul-G
Burlington

LAND FARM Drawing #1

App. ~~800~~ 500 cu yds

35'



2" to 12" Depth
Headspace reading 3.4 ppm
Sample # 9906240950

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 07-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: Culpepper Martin 5, 1A, 15A & 4A LF
Lab Order: 9906073

CASE NARRATIVE

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: 07-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin 1A LF
Work Order:	9906073	Client Sample ID:	9906240950; 5pt Comp
Lab ID:	9906073-02A	Matrix:	SOIL
Project:	Culpepper Martin 5, 1A, 15A & 4A LF	Collection Date:	6/24/99 9:50:00 AM
		COC Record:	7723

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/2/99

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

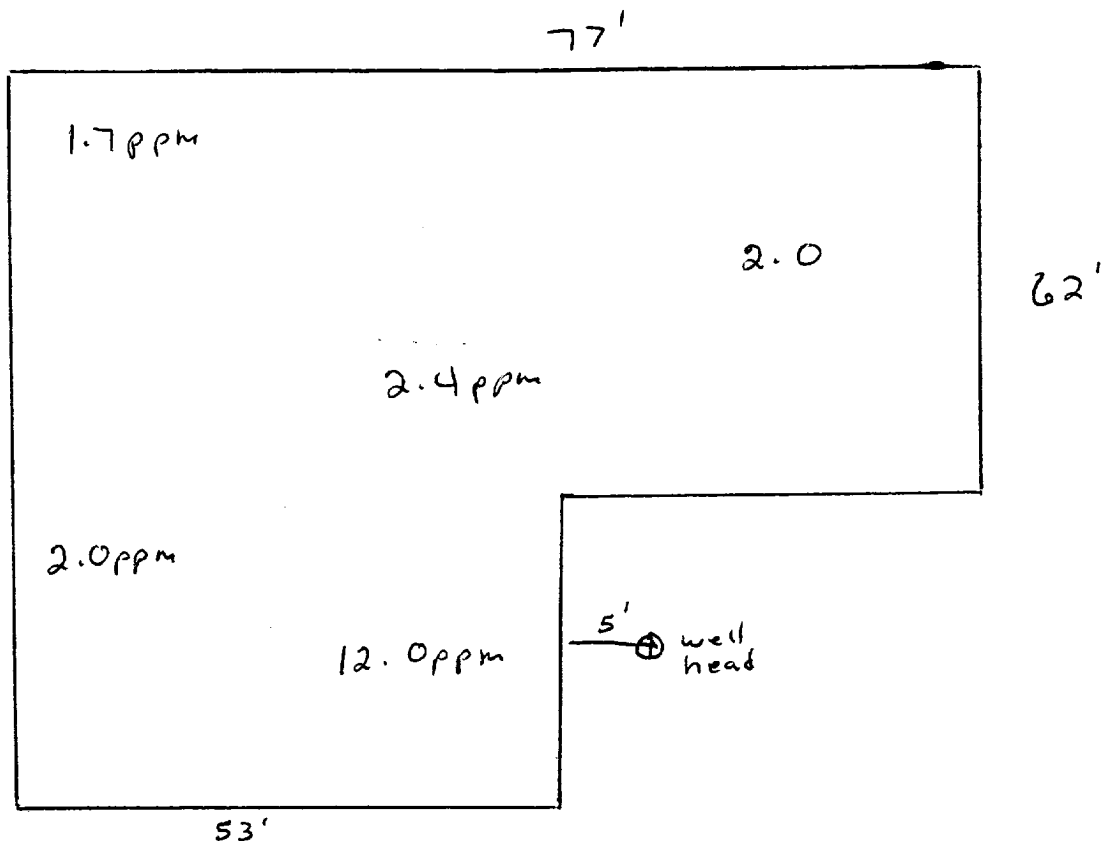
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate

1 of 1

Culpepper Martin #1A
Sec-31 T-32N R-12W UL G
Burlington

Landfarm Drawing #2

App 300 cu.yds



2" to 12" Depth
Headspace 3.4 ppm
Sample # 9908051050

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 11-Aug-99

CLIENT: PNM - Public Service Company of NM
Project: Culpepper Martin 1A & 4 LF #2
Lab Order: 9908008

CASE NARRATIVE

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: 11-Aug-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #1A LF #2
Work Order:	9908008	Client Sample ID:	9908051050; 5pt Comp
Lab ID:	9908008-02A	Matrix:	SOIL
Project:	Culpepper Martin 1A & 4 LF #2	Collection Date:	08/05/1999 10:50:00 AM
		COC Record:	7802

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	08/06/1999

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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