

CFT

CREATIVE FUTURE TECHNOLOGIES

INDUSTRIAL PRODUCT SALES AND MARKETING

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OIL CONSERVATION DIVISION
STATE OF NEW MEXICO
2040 S. PACHECO
SANTA FE NEW MEXICO 87505

DISPOSAL MODIFICATION
LAND FARM ADDITION FOR
SUNCO TRUCKING
FARMINGTON NM 87401
SECTION 2, T29N, R12W

OCD CASE NUMBER 11518
APPLICANT SUNCO TRUCKING'S
EXHIBIT NUMBER A

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I. TYPE

Centralized modification of existing water disposal facility to handle solids produced by current operation and not to be for commercial applications.

II. APPLICANT

Sunco Trucking
708 S. Tucker
Farmington NM 87401
Contact; Chuck Badsgard
Phone; 505-327-0416 J.C.

III. LOCATION

Section 2, Township 29N, Range 12W

IV. EXPANSION OF CURRENT FACILITY

Yes

V. LANDOWNERS OF RECORD ONE MILE FROM FACILITY BORDER

Attached

VI. FACILITY DESCRIPTION

The current design will be a five (5) acre area to be adjacent to water disposal well within the fenced in disposal boundaries.
(See Attached Facility Layout)

VII. ENGINEERING PLANS

The cells will be unlined constructed of native soils (see attached soil samples). The cells shall be contained by a 24x24 inch soil berm and made as level as possible.

The soil to be placed in the cell is from solids accumulation in settling tanks and pond bottoms during the natural disposal process. The solids will be consistent with current water received and (TPH) will not be necessary unless high levels of metals or BTEX are suspected. The solids will be spread on labeled cells with location and date information and in six (6) inch lifts not allowing any apparent surface water or fluid. An absorbent shall be added if necessary to provide proper aeration of product and enhance natural bio-remediation. The cells shall be disced on a routine schedule approximately every six weeks.

The remediated cells after OCD inspection or approval of removal will be recycled as mixture soil or used as deemed fit by current OCD regulations.

VIII. CONTINGENCY PLAN

In the unlikely event of rainfall sufficient enough to breach the cells boundaries vacuum trucks are already present to contain any extra runoff. All accidental spills or uncontrolled discharges shall be reported as to the extent, time, and place of the incident.

IX. ROUTINE INSPECTION AND MAINTENANCE PLAN

Cells can be inspected on a daily basis in accordance with days the facility is open. Other times cells shall be confined within a locked gate. Random soil samples shall be taken to monitor any movement of surface solids and bore holes filled with native soils.

X. CLOSURE PLAN

Upon completion of land farm operations the cells shall be returned to natural grade and seeded with native grasses. After closure is complete no other solids shall be farmed.

XI. GEOLOGICAL/HYDROLOGY

The hydrology was provided with the water disposal well application and should be on file at the NMOCD office.

XII. RULE 711

The bond is secured by bank letter of credit and can be updated if necessary.

XIII. H2S CONTINGENCY PLAN

Should H2S become present at cell facility then treatment of appropriate oxidizer such as potassium permanganate shall be applied to maintain safe and acceptable levels.

XIV. OCD RULES AND REGULATIONS

Sunco Trucking shall comply with current rules and regulations as regulated by NMOCD.

XV. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to best of my knowledge.

Name: George E. Coleman

Title: President

Signature: George E. Coleman

Date: 11/16/95

ATTACHMENTS

LIST OF NOTIFICATIONS

Charles Foutz
1550 N. Stapley #35
Mesa, Arizona 85203

Fay Greer
2816 Kentucky N.E.
Albuquerque, New Mexico 87110

Valerie Hatch & Meridee Wynn
P.O. Box 1506
Fruitland, New Mexico 87416

Dewey Foutz
P.O. Box 690
Farmington, New Mexico 87499-0690

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24423 S. Foxglenn Drive
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Pauline Sommerfeldt
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Tierra Environmental
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Environmental Protection Co.
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Helen D. Foutz
1550 N. Staple Dr. #35
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Jack M. Mackey
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John S. Scott
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Flora Vista, New Mexico 87415

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Farmington, New Mexico 87402

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Delores Foster
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Farmington, New Mexico 87499

Tony L. Snow
5530 Beach Street
Farmington, New Mexico 87402

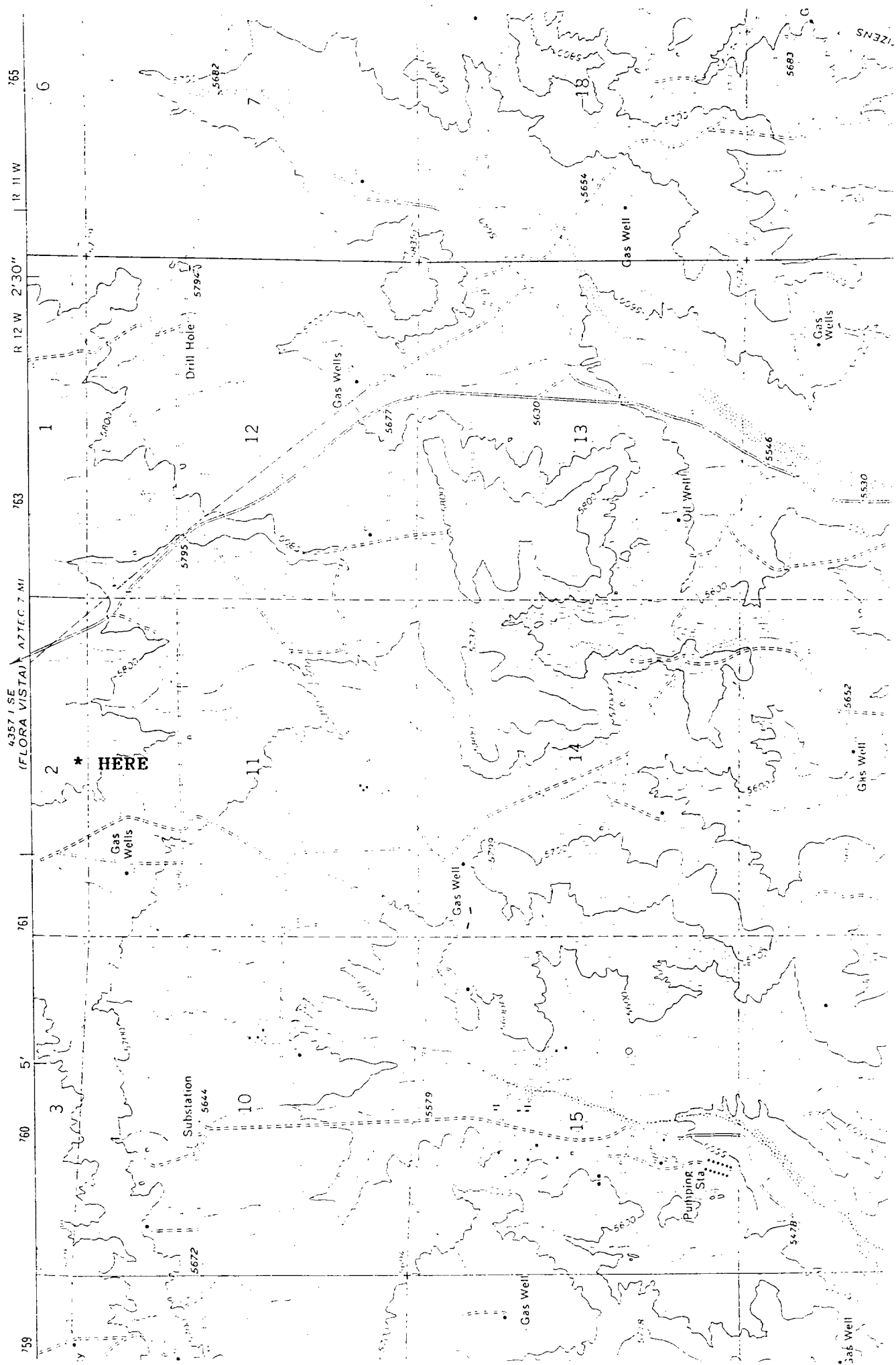
Carroll Brown Jr.
P.O. Box 1581
Aztec, New Mexico 87410-4581

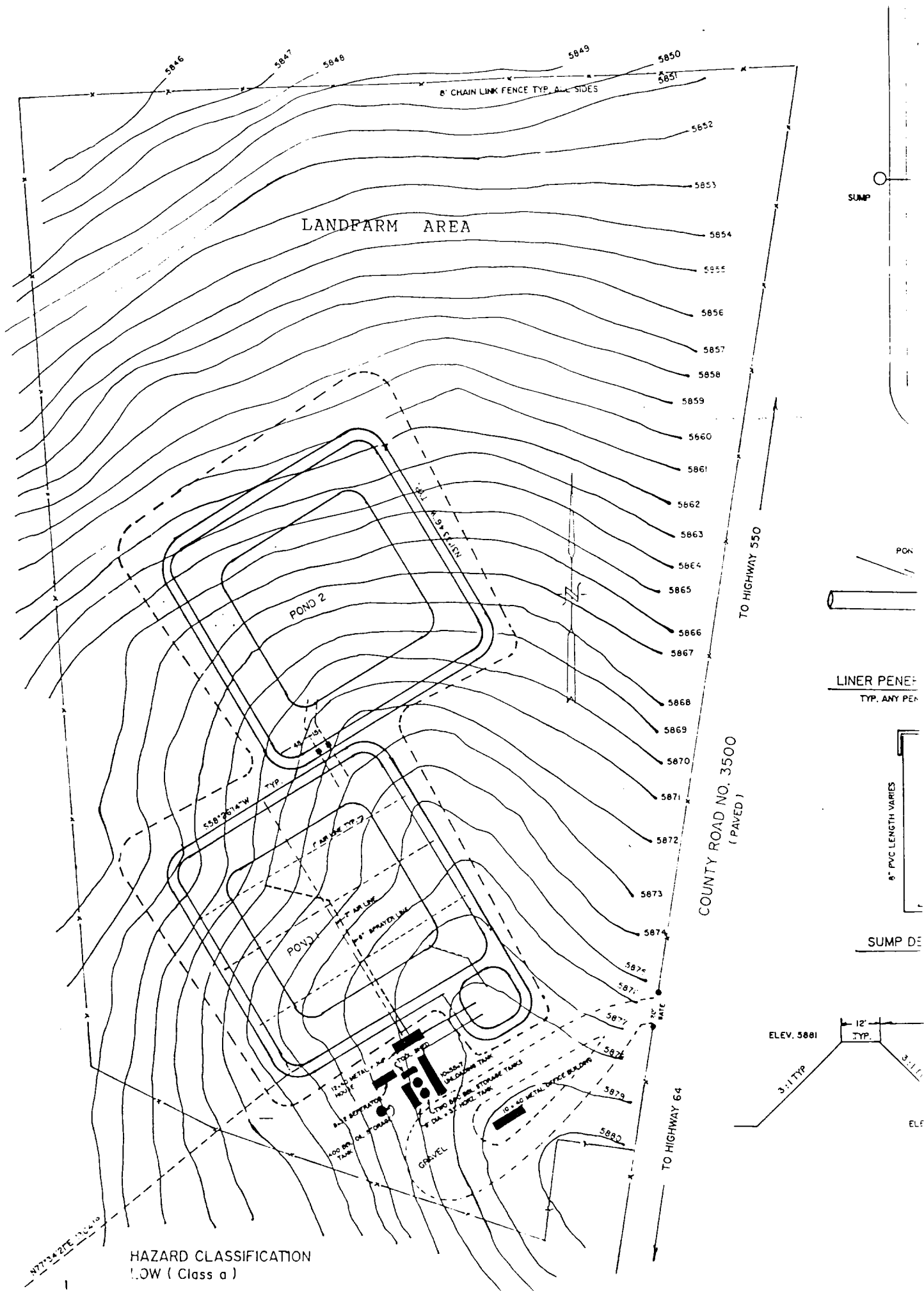
Tresa Ransom
P.O. Box 629
Farmington, New Mexico 87499

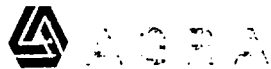
Paul Quintanna
P.O. Box 413
Flora Vista, New Mexico 87415

Billy R. Justice
P.O. Box 1233
Aztec, New Mexico 87410

Barbara Atencio
720 Tamarack
Farmington, New Mexico 87401







Earth & Environmental

LABORATORY REPORT

Client Tierra Environmental Company
909 West Apache
Farmington, NM 87401

Project No. C94-9764
Client P.O. No. _____
Date of Report 10-14-94

Project Proposed Land Farm
Location San Juan County, New Mexico
Type of Material Sandy Lean Clay Source of Material Sunco #2
Requested By Connie Dinning Date 10-11-94 Sampled By Connie Dinning Date 10-11-94
Submitted By Connie Dinning Date 10-11-94 Reviewed By L. Wares back

Sieve Analysis, ASTM

Sieve Size	Accumulative % Passing	Specification
3"		
2 1/2"		
2"		
1 1/2"		
1"		
3/4"		
1/2"		
3/8"	100	
1/4"	--	
No. 4	99	
8	99	
10	99	
16	97	
30	92	
40	88	
50	84	
100	75	
200	54	

Moisture Density Relationship, Test Method _____
Maximum Dry Density, PCF _____ Optimum Moisture, % _____

Plasticity Index, ASTM D4318	Results	Specs.
LL:	<u>26</u>	_____
PL:	<u>18</u>	_____
PI:	<u>8</u>	_____

Other

Distribution: Client, Billing /mir

Client **Tierra Environmental Company**
909 West Apache
Farmington, NM 87401

Project No. **C94-9764**

Client P.O. No. **10-14-94**

Date of Report **10-14-94**

Project **Proposed Land Farm**

Location **San Juan County, New Mexico**

Type of Material **SC- Clayey Sand**

Source of Material **Sunco #3**

Requested By **Connie Dinning** Date **10-11-94**

Sampled By **Connie Dinning** Date **10-11-94**

Submitted By **Connie Dinning** Date **10-11-94**

Reviewed By **L. Wansbeck**
Sieve Analysis, ASTM

Sieve Size	Accumulative % Passing	Specification
3"		
2½"		
2"		
1½"		
1"		
¾"		
½"		
¾"	100	
¼"	---	
No. 4	98	
8	95	
10	94	
16	92	
30	86	
40	82	
50	78	
100	70	
200	48	

Moisture Density Relationship, Test Method _____
Maximum Dry Density, PCF _____ Optimum Moisture, % _____

Plasticity Index, ASTM D4318

Results

Specs.

LL: 28
PL: 17
PI: 9

Other

Distribution: **Client, Billing /mir**

Client Tierra Environmental Company
909 West Apache
Farmington, NM 87401

 Project No. C94-9764

Client P.O. No. _____

 Date of Report 10-14-94

 Project Proposed Land Farm
 Location San Juan County, New Mexico

 Type of Material SC-Clayey Sand

 Source of Material Sunco #4

 Requested By Connie Dinning Date 10-11-94

 Sampled By Connie Dinning Date 10-11-94

 Submitted By Connie Dinning Date 10-11-94

 Reviewed By L. Wareslack
Sieve Analysis, ASTM

Sieve Size	Accumulative % Passing	Specification
3"		
2½"		
2"		
1½"		
1"		
¾"		
½"		
⅜"	100	
¼"	-	
No. 4	99	
8	96	
10	94	
16	90	
30	83	
40	79	
50	75	
100	65	
200	42	

Moisture Density Relationship, Test Method _____

Maximum Dry Density, PCF _____ Optimum Moisture, % _____

Plasticity Index, ASTM D4318

Results

Specs.

LL:

27

PL:

18

PI:

9

Other

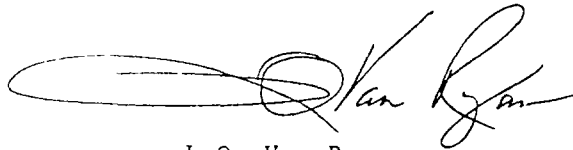
Distribution:

Client, Billing /mir

Attachment #10

Item XII:

I have examined the geologic and engineering data in this area along with the well records. There is no evidence of open faults or any other hydrologic connection between the Point Lookout formation (the disposal zone) and any underground source of drinking water.

A handwritten signature in black ink, appearing to read "L.O. Van Ryan". The signature is stylized with a large, loopy initial "L" and a long horizontal stroke extending to the left.

L.O. Van Ryan