



NOV 27 1995

APPLICATION FOR SURFACE WASTE DISPOSAL FACILITY

(Refer to OCD Guidelines for assistance in completing the application)

Commercial Centralized

I. Type: Produced Water Drilling Muds Other _____
 Solids Treating Fluids

II. OPERATOR: Sunco Trucking Co. Inc.

ADDRESS: 708 South Tucker Farmington NM. 87401

CONTACT PERSON: Chuck Badsgard PHONE: 505-327-0416
LC

III. LOCATION: _____/4 _____/4 Section 2 Township 29N Range 12W
Submit large scale topographic map showing exact location.

IV. IS THIS AN EXPANSION OF AN EXISTING FACILITY? Yes No

V. Attach the name and address of the landowner of the disposal facility site and landowners of record within one-half mile of the site.

VI. Attach discription of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.

VII. Attach detailed engineering designs with diagrams prepared in accordance with Division guidelines for the construction/installation of the following: pits or ponds, leak-detection systems, aerations sytems, enhanced evaporation (spray) systems, waste treating systems, and security systems.

VIII. Attach a contingency plan for reporting and clean-up of spills or releases.

IX. Attach a routine inspection and maintenance plan to ensure permit compliance.

X. Attach a closure plan.

XI. Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quantity of ground water must be included.

XII. Attach proof that the notice requirements of OCD Rule 711 have been met (Commercial facilities only).

XIII. Attach a contingency plan in the event of a release of H₂S.

XIV. Attach such other information as necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

XV. CERTIFICATION

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

Name: George E. Coleman Title: President

Signature: George E. Coleman Date: 11/16/95

DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office.

CFT CREATIVE FUTURE TECHNOLOGIES

INDUSTRIAL PRODUCT SALES AND MARKETING

Main Office #505-632-0662

P.O. BOX 364 FARMINGTON, NM 87499 PHONE: (505) 327- 4919

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

FILE COPY

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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
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Earth & Environmental

LABORATORY REPORT

3030
E. Highway 100
San Juan, NM 87401
Tel: 505-833-1111
Fax: 505-833-1112

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. Wareback

Sieve Analysis, ASTM

Sieve Size	Accumulative % Passing	Specification
3"		
2½"		
2"		
1½"		
1"		
¾"		
½"		
¾"	100	
¼"	--	
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



LABORATORY REPORT

AEEA Earth &
Environmental, Inc.
2080 Alton Road
Farmington, New Mexico 87401
Tel: 505-427-7283
Fax: 505-427-5701

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 #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 S. Wausbeck

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.
	28	
LL:	17	
PL:	9	
Other		

Distribution: Client, Billing /mir



LABORATORY REPORT

AGRA Earth &
Environmental, Inc.
1000 West Apache
Farmington, New Mexico 87401
Tel: 505-327-7923
Fax: 505-327-3701

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:	<u>27</u>	_____
PL:	<u>18</u>	_____
Pi:	<u>9</u>	_____

Other _____

Distribution: Client, Billing /mir

*include 711
Standard cond based upon 711
Further condit based upon
review
Does the Div believe we protect H&E*

Division pre-hearing (Sunco) meeting

* Copies of protest to Raul

Roger will draft "new policy" for 711 proceed

Will submit requirements to examiner

* Draft conditions of approval

additional conditions (site specific)
non exempt solids (TCLP + REI?)

OCD is there to recommend additional conditions (OUR CASE)

Prepare list:

711 Reg

Protect Public H & E

Add it condit to protect H & E

Standard + Site specific

↑
include 711

?

Standard cond based upon 711

Further condit based upon
review

Does the Div believe we protect H & E

Applicant 1st
OCE (next)
Protesters

*Transcripts of 1st Hearing

Memo

From
CHRIS E. EUSTICE
Geologist

To SURCO MONITORING REQUIREMENTS

2 times a day

ambient H_2S - around pond
dissolved O_2 - 1' off bottom

Daily

pH

Weekly

dissolved SO_2