NM - 22

MONITORING REPORTS

YEAR(S):

FEB 2003

February 20, 2003 AMEC Project No. 2517000051

Ms. Martyne Kieling
NMOCD
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RE: Report for Goodwin Treating Plant Remediation

Dear Ms. Kieling:

AMEC Earth & Environmental is pleased to provide the following documentation in regards to remedial services performed at the Goodwin Treating Plant, located west of Hobbs, New Mexico. Attached you will find three copies of the report documenting the excavation, biopile construction, maintenance, sampling data and closure activities.

AMEC is looking forward to the opportunity to providing continued professional services to the NMOCD. If you have any questions, please contact us at (505) 327-7928.

Respectfully Submitted,
AMEC Earth & Environmental

Don Fernald
Program Manager

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PRESENTS THE

REMEDIAL ACTION REPORT
FOR THE
GOODWIN TREATING PLANT
WEST OF
HOBBS, NEW MEXICO

Prepared For

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

AMEC Project No. 2517000051

February 2003

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1.0 INTRODUCTION

AMEC Earth & Environmental (AMEC) was retained to conduct remedial activities for the State of New Mexico Energy, Minerals and Natural Resources Department-Oil Conservation Division (OCD) at the Goodwin Treating Plant facility located in Lea County, west of Hobbs, New Mexico. The remedial activities were conducted in accordance with the contract between AMEC and the State of New Mexico General Services Department, Number 00-805-09-17656.

The Goodwin Treating Plant facility was operated prior to 1996 for treating or recovering crude oil from solids and produced water. Produced water, or salt water was disposed in an injection well located onsite. Management practices at the facility resulted in hydrocarbon contamination of soils located at the facility. Philip Environmental Services Corporation (PESC) conducted Field investigations and remedial activities in 2001. These activities included an investigation to determine hydrocarbon impacts to soil and groundwater in addition to remedial activities which included removal of most of the above ground storage tanks and tank bottoms. At the close of PESC's remedial activities during July of 2001, it was determined that approximately 15,000 cubic yards of hydrocarbon impacted soils remained on site at depths ranging from the surface down to five to eight feet below the surface.

2.0 PROJECT BACKGROUND

Previous Remedial Actions

PESC was contracted by the OCD to conduct limited remedial activities at the Goodwin Treating Plant site during 2001. PESC excavated and removed a total of 4,856 cubic yards of hydrocarbon-impacted soils from the Goodwin Treating Plant site and transported it to J&L Landfarm for remediation. This volume included tank bottom material that was not liquid enough to pump and was therefore, solidified for transport to the landfarm for treatment. Clean backfill soil was transported from the landfarm to the Goodwin Treating Plant site for backfilling-excavated areas.

PESC removed liquids from the tanks that were transported to Sundance Services and Controlled Recovery, Inc. (CRI) for recycling.

PESC removed the majority of the tanks, vessels, treaters, pipes, and other related equipment located on site. Two treaters and some associated piping were left on site. Materials that were salvageable or recyclable were sent to a salvage yard for processing. Materials that couldn't be recycled were sent to an EMNRD-OCD approved waste management facility for disposal. Solid waste material, consisting of redwood tanks, steel tanks with foam insulation and other miscellaneous debris was transported to CRI for disposal.

On November 27, 2001, the OCD requested a cost estimate and proposal from AMEC to complete remedial activities at the Goodwin Treating Plant site. AMEC provided the OCD with a cost estimate and proposal to excavate and treat approximately 12,000 cubic yards of hydrocarbon-impacted soils onsite, transport up to 500 cubic yards of tank bottoms and highly saturated hydrocarbon-impacted soils to an approved commercial landfarm and remove the treaters from the site.

3.0 REMEDIAL ACTIVITIES

On Monday, June, 3, 2002 AMEC mobilized to the Goodwin Treating Plant site to begin remedial activities. On Tuesday, June 4th AMEC conducted a kick-off meeting, which consisted of a review of the site-specific health and safety plan, the project work plan and project documentation procedures. Mr. Larry Johnson with the OCD was present for a portion of this meeting and was presented a copy of the site-specific health and safety plan. After this meeting, excavation commenced on the northwest portion of the site. A chronology of the remedial activities performed by AMEC was documented and provided to the OCD via e-mail. A copy of this documentation is presented in Appendix A.

AMEC removed the two treaters and associated piping and equipment at the site. Prior to transport and disposal, AMEC screened the two vessels for Naturally Occurring Radioactive Materials (NORM). The vessels and residual contents were screened using a Ludlum Scintillator meter. Readings were detected less than the state of New Mexico threshold of 50 uR/hr. The treaters were sent to an OCD-approved facility (Lea Land Company) for disposal. A copy of the bill of lading and profile prepared for disposal of the treaters is included in Appendix B. AMEC subcontracted Hobbs Iron and Metal to complete the demolition, cutting and shearing of these treaters. Lea Land Company was subcontracted by AMEC to transport and dispose of these materials. The metal treater materials were not recycled due to the presence of residual hydrocarbons. It was deemed not cost effective to clean the treaters for recycling.

AMEC removed the tank bottom pile from the pit in the northwest corner of the facility. Tank bottom material was sent to an OCD-approved landfarm (J&L Landfarm) for reclamation along with other highly saturated hydrocarbon-impacted soils. AMEC subcontracted Martinez Trucking to transport these materials to J&L Landfarm for treatment. A total of 600 cubic yards of hydrocarbon-impacted soils and tank bottoms were transported to J&L Landfarm for treatment. Copies of the bill of ladings for the hydrocarbon-impacted soil and tank bottoms transported to J&L Landfarm are included in Appendix C.

AMEC excavated hydrocarbon-impacted soils around former tank footprint locations, hydrocarbon spills and other visually apparent areas of the former Goodwin Treating Plant facility. Areas not excavated include areas previously excavated and removed by PESC, areas around the disposal or injection well and areas that were not significantly impacted by hydrocarbons as determined visually and by field-testing with a photoionization detector (PID). Approximately 18,400 cubic yards of hydrocarbon-impacted soils were excavated by AMEC and treated onsite in the biopiles.

Photographs of site remedial activities are included in Appendix D.

3.1 Soil Screening and Sampling Procedures

Hydrocarbon-impacted soil that was highly contaminated and saturated as determined by visual observation was excavated to the practical extent. Once the hydrocarbon-impacted soil areas appeared to be reduced to levels that appeared clean or relatively hydrocarbon free, soil samples were obtained and screened in the field using a PID to help determine the levels of volatile hydrocarbon constituents present. The PID was calibrated daily prior to use. PID screening was performed as often as necessary to determine the levels of volatile hydrocarbons present. Once an excavated area was less than 100 parts per million as determined with the PID, a duplicate soil sample was placed into approved laboratory sampling containers, properly labeled, documented on a chain-of-custody (COC) form, placed in a cooler with ice and delivered to the OCD Hobbs district office. The OCD directed AMEC to directly ship the samples to the New Mexico state contracted laboratory (Trace Analysis, Inc.) for analysis of Benzene, Toulene, Ethylbenzene, Xylenes (BTEX), and Total Petroleum Hydrocarbons (TPH), Diesel Range Organics (DRO) and Gasoline Range Organics (GRO) using Environmental Protection Agency (EPA) laboratory analysis Methods 8021 and 8015 Modified, respectively.

The criteria for determining remedial action levels for the site excavation as directed by the OCD are listed as follows:

Surface soils to eight (8) feet below ground surface:

Constituent	Action Level (ppm)
Benzene	10
BTEX	50
TPH	1000

Below eight (8) feet of ground surface:

Constituent	Action Level (ppm)
Benzene	10
BTEX	50
TPH	100

Remedial action levels were determined based on the depth of groundwater at the site being approximately 58 feet below ground surface.

3.2 Sample numbers and location identification

Duplicate soil samples (where PID results indicated less than 100 ppm) were sent to the laboratory had the following numbering system assigned to each sample.

Current date – sample number

Example:
060502-01

The first part of each sample number contained the date in which the sample was obtained, for example June 5, 2002 was labeled as 060502, which was be followed by the sample number. The second part of the sample number identifies the sequential number of the sample in relation to the sample location. Sample numbers ran sequentially throughout the excavation phase of the project to depict the sample location. If laboratory data indicated that a sample location had not been excavated to the extent in which hydrocarbon-impacted soils had been removed to cleanup criteria, additional excavation was completed. After excavation, a field test was completed with the PID and a duplicate sample was submitted for laboratory analysis. The sample date would be the actual date the sample was obtained, and the second part of the sample number would be a duplicate of the location that had secondary excavation performed for that location.

3.3 Sampling Strategy

Excavation activities were initiated along the northwest corner of the site. Excavating proceeded to the east across the site following any observable hydrocarbon-impacted soils. Soil sampling and testing was conducted with the PID as needed to verify the concentration of hydrocarbons as determined in the field. Clearance samples were obtained as needed, but no less then on the center of a grid of 50' x 50' to verify remedial action levels that have been achieved. Once hydrocarbon-impacted soils appeared to be removed, a soil sample was obtained from the bottom of the excavation for field-testing. If field-testing (PID results) data indicated less than 100 parts per million, then a duplicate sample was obtained for laboratory analysis and to verify clearance of the excavated area.

The following is the analytical data from the soil samples obtained from the excavated areas at the Goodwin Treating Plant.

ANALYTICAL DATA FROM SOIL SAMPLING EXCAVATED AREAS

Sample No.	Date	Benzene	Toluene	Ethylbenzene	M,P,O-Xylene	Total BTEX	TPH DRO	TPH GRO
1	05-Jun	<0.010	0.126	0.0364	0.032	0.194	<50	<1
2	05-Jun	<0.010	<0.010	<0.010	0.0172	0.0172	171	12.7
3	05-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	122	2.86
4	05-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
5	05-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
6	05-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	59.4	<1
7	05-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
8	05-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
9	10-Jun	<0.010	.0.14	0.0107	0.0117	0.0364	64.7	<1
10	10-Jun	<0.010	<0.010	0.0102	0.0104	0.0206	<50.0	<1
11	10-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	57.2	<1
12	10-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1

Sample No.	Date	Benzene	Toluene	Ethylbenzene	M,P,O-Xylene	Total BTEX	TPH DRO	TPH GRO
13	21-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	69.8	<1
14	21-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	109	<1
15	21-Jun	<0.010	<0.010	<0.010	0.0106	.0.106	179	<1
16	21-Jun	<0.010	<0.010	0.0167	0.0393	.0.56	1960	12.5
17	21-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	2.32
18	21-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
19	21-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
20	21-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
21	21-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	1530	<1
22	25-Jun	<0.010	<0.010	<0.010	0.0104	0.0104	<50	<1
23	25-Jun	<0.010	<0.010	0.0104	0.012	0.0224	<50	<1
24	25-Jun	<0.010	<0.010	0.0104	0.0109	0.0213	<50	<1
25	25-Jun	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
26	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
27	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	91.9	<1
28	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	66.3	<1
29	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	144	<1
30	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	224	<1
31	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	120	<1
32	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	102	<1
33	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
34	02-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
35	12-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
36	12-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
37	12-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
38	12-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
16*	12-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
21*	12-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
39	17-Jul	<0.010	<0.010	<0.010	0.013	0.013	<50	<1
40	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	50.9	<1
41	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
42	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
43	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
44	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
45	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
46	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1
47	17-Jul	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1

*16 & *21 are samples obtained from the same location of sample numbers 16 and 21 after additional excavation was completed to remove hydrocarbon-impacted soils.

AMEC completed the excavation and construction of the biopiles on July 17, 2002. Trace Analysis and the EMNRD-OCD provided a summary of analytical data from the excavation activities. This data is included in Appendix F.

3.4 Biopile Construction and Management

During the excavation of hydrocarbon-impacted soils, AMEC initiated the transport of cow manure from a local diary to the Goodwin site for construction of biopiles. AMEC constructed the biopiles concurrently with the excavation of the hydrocarbon-impacted soils. Cow manure was purchased from Martinez Trucking and transported to the site for use in construction of the biopiles. Approximately 4,564 Cubic yards of manure was transported to the Goodwin Treating Plant site for use in the biopiles. A ratio of approximately four parts hydrocarbon-impacted soils, to one part manure was used in construction of the biopiles. Biopiles consists of placing the hydrocarbon-impacted soils into long, high piles, mixed with manure. The addition of manure to hydrocarbon-impacted soils adds nutrients and stimulates the growth of indigenous organisms to assist with the degradation of hydrocarbons. Additionally, the organic matter in the manure helps retain moisture within the biopile, which is than readily available for the organisms that breakdown the hydrocarbons in the soil. While the biopiles were being constructed, AMEC transported water to the site with a water truck and applied it to the biopiles to assist with biodegradation of the hydrocarbons. Water was purchased from Gibbs Water Sales and transported to the site with a water truck and applied to the biopiles during construction to enhance biodegradation of the hydrocarbons.

Due to a need for increased space for construction of the biopiles, AMEC removed the fencing from the northern portion of the site and extended fencing to the north. Additionally, areas of the site that were excavated greater than eight feet were fenced to prevent livestock from potentially entering excavations.

On June 10, 2002, AMEC obtained two composite samples of the hydrocarbon-impacted soils that were excavated and submitted them to Trace Analysis, Inc. / BioLogic Resources, LLC to test for the presence of hydrocarbon-degrading organisms and chlorides. Since the site was historically used to treat crude oil and dispose of produced water, the presence of chlorides in high concentrations was a concern since chlorides can inhibit the populations of hydrocarbon-degrading organisms. The following is the data from the soil samples obtained and submitted for testing.

ANALYTICAL DATA OF SOIL SAMPLES FOR HYDROCARBON-DEGRADING ORGANISMS

Sample No.	Date	Heterotrophic Plate Count CFU/g	Diesel Degrading Bacteria CFU/g	Heavy Oil Degrading Bacteria CFU/g	Chlorides mg/kg
061002-1	10-Jun	$9.1x10^6$	$7.1x10^6$	$6.7x10^6$	3900
061002-2	10-Jun	$5.6x10^7$	$4.5x10^6$	$2.7x10^6$	1900

The data shows that chloride concentrations did not appear to be at levels that would inhibit biodegradation of the hydrocarbons within the soil, as the heterotrophic plate and bacteria counts are elevated.

Biological and chloride analytical data is included in Appendix G.

On July 17, 2002 and soil samples were obtained from the biopiles for submittal to Trace Analysis, Inc. for testing of BTEX, TPH-DRO and TPH-GRO using EPA methods 8021 and 8015 Modified, respectively. After sampling biopile soils, the first "turning event" where the biopiles were moved, aerated and watered was initiated to enhance the biodegradation of the hydrocarbons. A subsequent turning event was initiated on September 4, 2002 with additional sampling of the biopiles being performed afterwards on September 11, 2002. Analytical data from the September 11, 2002 sampling event indicated that a sharp reduction in hydrocarbons within the biopiles had occurred. Therefore, an additional turning event was not deemed necessary and backfilling of the excavations was approved by the OCD. Additional sampling of soil from the biopiles was performed by the OCD on November 21, 2002. Analytical data from the biopile sampling events is presented below.

ANALYTICAL DATA FROM BIOPILES

Sample No.	Date	Benzene	Toluene	Ethylbenzene	M,P,O-Xylene	Total BTEX	TPH DRO	TPH GRO
1	17-Jul	<0.010	0.0461	0.173	0.446	0.665	4430	40.1
2	17-Jul	<0.010	0.0123	0.0658	0.293	0.371	5000	32
3	17-Jul	<0.010	0.0585	0.058	0.215	0.332	4490	18.6
4	17-Jul	0.356	0.953	1.83	6.21	9.35	3390	183
5	17-Jul	0.0556	0.0465	0.264	0.429	0.795	5140	39.9
6	17-Jul	<0.010	0.0213	0.0694	0.157	0.248	2730	24.1
7	17-Jul	<0.010	0.0202	0.042	0.0978	0.16	2410	16.3
8	17-Jul	<0.010	0.0733	0.46	1.25	1.78	2870	56.3
9	17-Jul	0.666	0.637	2.06	4.74	8.1	3170	124
10	17-Jul	<0.010	0.0146	0.13	0.584	0.729	3040	55.3
1	11-Sep	<0.010	0.0104	0.0425	0.0687	0.122	393	18.2
2	11-Sep	<0.010	<0.010	0.0262	0.061	0.0872	210	13.6
3	11-Sep	<0.010	<0.010	0.0138	0.0468	0.0606	526	9.37
4	11-Sep	<0.010	<0.010	0.0158	0.0484	0.0642	298	12.3
5	11-Sep	<0.010	<0.010	0.0227	0.0346	0.0573	1040	15.5
112102913	21-Nov	<0.010	<0.010	<0.010	<0.010	<0.010	225	4.54
112102920	21-Nov	<0.010	<0.010	<0.010	<0.010	<0.010	389	<1
112102928	21-Nov	<0.010	<0.010	<0.010	<0.010	<0.010	508	<1
112102936	21-Nov	<0.010	<0.010	<0.010	<0.010	<0.010	342	3.92
112102944	21-Nov	<0.010	<0.010	<0.010	<0.010	<0.010	411	<1

A summary of the analytical data is included in Appendix F.

4.0 SITE CLOSURE ACTIVITIES

On December 2, 2002, AMEC initiated backfilling of soils from the biopiles into the previously excavated areas at the Goodwin Treating Plant site. Fencing installed around the deeper excavations was removed and stockpiled along the site for disposal by the OCD. AMEC completed backfilling and site closure operations on December 18, 2002.

APPENDIX A

CHRONOLOGY OF EXCAVATION AND BIOPILE CONSTRUCTION

Goodwin Treating Plant Remediation
New Mexico Energy Minerals and Natural Resources Department,
Oil Conservation Division

Report Submitted by: AMEC Earth & Environmental
Project No. 2517000051 Week Ending June 7th, 2002

Monday, June 3, 2002
AMEC mobilized equipment and personnel to Hobbs, New Mexico and the Goodwin Treating Plant to initiate remedial activities on Tuesday, June 4, 2002.

Tuesday, June 4, 2002
8:00 AM – Started the project with a kick off meeting, which included a review of the Health and Safety requirements for completing the project. The scope of work for the various tasks of the project were discussed and covered. Documentation procedures and reporting requirements were also reviewed. Mr. Larry Johnson with the NMOCD was present on site. AMEC discussed fencing issues with Larry to determine areas accessible for site work. Soil sample supplies, pick up and delivery were reviewed with Larry since the NMOCD would be handling all analytical testing costs.

Excavation of hydrocarbon-impacted soils was initiated on the northwest portion of the site. A hard impenetrable (with an excavator) caliche is present at depths from four to six feet below ground surface. This layer appears to limit hydrocarbon contaminant migration.

Wednesday, June 5, 2002
Excavation of hydrocarbon impacted soils continued. The fence was removed from the northern portion of the site to access other work areas. Albert Martinez Trucking transported 400 cubic yards of hydrocarbon-impacted soils and tank bottoms to J&L Landfarms for treatment. Four soil samples from the bottom of excavated areas were obtained for laboratory analysis of hydrocarbon constituents.

Thursday, June 6, 2002
Excavation of hydrocarbon impacted soils continued. An additional 200 cubic yards of hydrocarbon impacted soils and tank bottoms were transported to J&L Landfarms for treatment. 444 cubic yards of manure was delivered to the site and construction of biopiles was initiated on the northern portion of the site.

Friday, June 7, 2002
Excavation of hydrocarbon impacted soils continued. 820 cubic yards of manure was delivered to the site and construction of biopiles was initiated on the northern portion of the site. One load or 130 bbls of water was delivered to the site to mix into the biopiles with the manure and hydrocarbon impacted soils. Four soil samples from the bottom of excavated areas were obtained for laboratory analysis of hydrocarbon constituents. Samples obtained for analysis on June 5th & 7th were labeled, documented on chain of

custody forms, stored in a cooler with ice and transported to the TNM&O bus station as directed by the NMOCD for delivery to Trace Analysis for testing. Theses soil samples will be tested for total petroleum hydrocarbons using EPA Method 418.1.

Goodwin Treating Plant Remediation
New Mexico Energy Minerals and Natural Resources Department,
Oil Conservation Division

Summary Report Submitted by: AMEC Earth & Environmental
Project No. 2517000051 Week Ending June 14th, 2002

Saturday, June 8th, 2002
Transport of 720 cubic yards of manure to the Goodwin site by subcontractor (Albert Martinez Trucking). Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon impacted soils continued on northern portion of the site.

Monday, June 10, 2002
Transport of 700 cubic yards of manure to the Goodwin site by subcontractor (Albert Martinez Trucking). Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon impacted soils continued on northern portion of the site. Transport of hydrocarbon-impacted soils from excavation area to the biopile areas to the north of the site.

Tuesday, June 11, 2002
Transport of 360 cubic yards of manure to the Goodwin site by subcontractor (Albert Martinez Trucking). Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon impacted soils continued on northern portion of the site. Transport of hydrocarbon-impacted soils from excavation area to the biopile areas to the north of the site.

Wednesday, June 12, 2002
Transport of 80 cubic yards of manure to the Goodwin site by subcontractor (Albert Martinez Trucking). Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon impacted soils continued on northern portion of the site. Transport of hydrocarbon-impacted soils from excavation area to the biopile areas to the north of the site.

Thursday, June 13, 2002
Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon impacted soils continued on northern portion of the site. Transport of hydrocarbon-impacted soils from excavation area to the biopile areas to the north of the site.

Friday, June 14, 2002
Approximately ¼ to ½ inch of precipitation is reported for this day. Continued mixing hydrocarbon-impacted soils with stockpiled manure. Excavation of hydrocarbon impacted soils continued on northern portion of the site. Transport of hydrocarbon-impacted soils from excavation area to the biopile areas to the north of the site.

Goodwin Treating Plant Remediation
New Mexico Energy Minerals and Natural Resources Department,
Oil Conservation Division

Summary Report Submitted by: AMEC Earth & Environmental
Project No. 2517000051 Week Ending June 21st, 2002

Saturday, June 15, 2002
Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon-impacted soils continued on northern portion of the site and transport of these soils to the biopile area for mixing.

Monday, June 17, 2002
Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon-impacted soils continued on northern portion of the site and transport of these soils to the biopile area for mixing.

Tuesday, June 18, 2002
Subcontractor (Hobbs Iron & Metal) arrives on site to decommission heater-treaters. The 47 bbl transport was mobilized to the site to allow for more water usage in biopiles and for dust control. The heater-treaters were decommissioned with a shear fitted to a tracked excavator. AMEC completed a NORM survey of tanks and contents (sludge). The Ludlum scintillator readings were recorded below 50 uR/hr. Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon-impacted soils continued on northern portion of the site and transport of these soils to the biopile area for mixing.

Wednesday, June 19, 2002
Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon-impacted soils continued on central portion of the site and transport of these soils to the biopile area for mixing. Discussed excavations around disposal well with OCD. OCD signed bill of ladings for disposal of heater-treaters and related materials.

Thursday, June 20, 2002
Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon-impacted soils continued on central portion of the site and transport of these soils to the biopile area for mixing. Loaded four truckloads of heater-treater and associated debris for transport and disposal at the Lea Land, Inc. facility. Lea Land, Inc also provided transportation of the debris.

Friday, June 21, 2002
Continued mixing hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. Excavation of hydrocarbon-impacted soils continued on central portion of the site and transport of these soils to the biopile area for mixing.

Goodwin Treating Plant Remediation
New Mexico Energy Minerals and Natural Resources Department,
Oil Conservation Division

Summary Report Submitted by: AMEC Earth & Environmental
Project No. 2517000051 Week Ending June 28, 2002

Saturday, June 22, 2002 through Friday, June 28, 2002

Continued excavation and mixing of hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site.

Goodwin Treating Plant Remediation
New Mexico Energy Minerals and Natural Resources Department,
Oil Conservation Division

Summary Report Submitted by: AMEC Earth & Environmental
Project No. 2517000051 Week Ending July 5, 2002

Saturday, June 29, 2002 through Friday, July 5, 2002

Continued excavation and mixing of hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site. The crew left the site and mobilized back to Farmington on July 3, 2002 for the Independence Day holiday.

Goodwin Treating Plant Remediation
New Mexico Energy Minerals and Natural Resources Department,
Oil Conservation Division

Summary Report Submitted by: AMEC Earth & Environmental
Project No. 2517000051 Week Ending July 12, 2002

Saturday, July 6, 2002 through Friday, July 12, 2002

AMEC's remediation crew mobilized from Farmington to Hobbs, New Mexico on Monday, July 8, 2002. The Goodwin treating plant site reportedly received several inches of rain during the weekend of July 6th & 7th. The first part of the week was spent working the puddles of water from the recent rains into the soil. Continued excavation and mixing of hydrocarbon-impacted soils with stockpiled manure and adding water hauled to the site.

Laboratory data from BioLogical Resources who was subcontracted by Trace Analysis to analyze representative soil samples from the Goodwin Treating Plant was received. The data indicates that sufficient populations of diesel and heavy oil degrading bacteria are present at the site. Moderately elevated concentrations of chlorides were present in the two soil samples, but not at concentrations that would inhibit biological degradation of hydrocarbons.

Goodwin Treating Plant Remediation
New Mexico Energy Minerals and Natural Resources Department,
Oil Conservation Division

Report Submitted by: AMEC Earth & Environmental
Project No. 2517000051 Week Ending July 21st, 2002

Saturday, July 13, 2002
AMEC continued excavation of the hydrocarbon-impacted soils. Water was hauled to the site and construction of the biopiles continued.

Monday, July 15, 2002
AMEC continued excavation of the hydrocarbon-impacted soils. Water was hauled to the site and construction of the biopiles continued. Installation of the fencing was initiated on the northern portion of the site.

Tuesday, July 16, 2002
Fencing was completed on the northern portion of the site. Construction of the biopiles continued. Excavation of the hydrocarbon-impacted soils is nearing completion. Additional samples of the excavated areas will be obtained tomorrow. A request for a quick turnaround from the laboratory for the analytical data was requested.

Wednesday, July 17, 2002
Nine soil samples obtained for testing of TPH/BTEX. Excavation of the hydrocarbon-impacted soils is complete, pending sample results. Construction of the biopiles completed. Old fencing removed from portions of the site.

Thursday, July 18, 2002
Maintenance or moving and aeration of the biopiles were initiated. Construction of a berm around the site was initiated.

Friday, July 19, 2002
Fencing was completed at the site. Maintenance of the biopile in addition to watering continued. Construction of the berm around the site was continued.

Saturday & Sunday July 20 & 21, 2002
AMEC completed turning and watering of the biopiles in addition to construction of the berm around the site. AMEC demobilized from the area on Monday, July 22, 2002.

APPENDIX B

LEA LAND COMPANY WASTE PROFILE SHEET & BILL OF LADINGS FOR TREATER TRANSPORT AND DISPOSAL

THE REPRODUCTION OF

THE

FOLLOWING

DOCUMENT (S)

CANNOT BE IMPROVED

DUE TO

THE CONDITION OF

THE ORIGINAL

LEA LAND, INC.

___ NEW ___ AMENDMENT

Material Profile No: _____

A. GENERATOR INFORMATION

Generator Name New Mexico Energy Minerals and Natural Resource Department, Oil Conservation Division - Goodwin Testing Plant
Facility Address Approximately 7 miles west of Hobbs, New Mexico on Hwy 180, then north ¼-1/2 mile on the east side of Maddox Power Company road or legally described as Range 37 East, Township 18S, Section 31 / SW1/4 of NW 1/4
City/County Rural Lea County
State New Mexico Zip Code _____
State ID# _____

Technical Contact Martyne Kieling – NM OCD or Larry Johnson
Telephone (505) 476-3488 Ext. _____ Fax ( ) _____
Billing Name AMEC Earth & Environmental
Billing Address 2060 Afton Place
City Farmington State NM Zip Code 87402
Attention Don Fernald / RE: 2517000051
Telephone (505) 327-7928 Ext. _____

B. RCRA

RCRA Non Hazardous/Exempt? X Yes _____ No
General Description of Process: Waste consists of an old crude oil heater-treater made of metal/steel with foam insulation. Residual hydrocarbons remain in heater-treater that will be cut up into manageable sizes for transport and disposal. Will include, steel, concrete, foam insulation and hydrocarbon soil/sludge.

C. ANNUAL REPORT CODES (see attached lists)

NAME OF WASTE STREAM: _____

SIC Code: _ _ _ _
Source Code: _ _ _
Form Code: _ _ _

Origin Code: _
System Type: M 1 3 2 (Landfill)

C. ANNUAL REPORT CODES CONT. (see attached lists)

NAME OF WASTE STREAM: ______________________

SIC Code: ____ Origin Code: __
Source Code: ___ System Type: M 1 3 2 (Landfill)
Form Code: ___

NAME OF WASTE STREAM: ______________________

SIC Code: ____ Origin Code: __
Source Code: ___ System Type: M 1 3 2 (Landfill)
Form Code: ___

NAME OF WASTE STREAM: ______________________

SIC Code: ____ Origin Code: __
Source Code: ___ System Type: M 1 3 2 (Landfill)
Form Code: ___

NAME OF WASTE STREAM: ______________________

SIC Code: ____ Origin Code: __
Source Code: ___ System Type: M 1 3 2 (Landfill)
Form Code: ___

NAME OF WASTE STREAM: ______________________

SIC Code: ____ Origin Code: __
Source Code: ___ System Type: M 1 3 2 (Landfill)
Form Code: ___

D. OTHER COMPONENTS

PCB's	X No	___ Yes	Total ppm ___ *
Cyanides	X No	___ Yes	Total ppm ___
Sulfides	X No	___ Yes	Total ppm ___
Pesticides	X No	___ Yes	Total ppm ___
Dioxins	X No	___ Yes	Total ppm ___

*If contained in spill media, concentration of original chemical prior to spill.

E. PHYSICAL CHARACTERISTICS

1. Infectious or Biological Waste? ___ Yes X No
2. NRC Regulated Radioactive? ___ Yes X No
3. "Listed" Hazardous Wastes? ___ Yes X No
   (coded in 40 CFR, Part 261)
4. Municipal Waste? ___ Yes X No
5. Asbestos Waste? ___ Yes X No
6. Reactivity? ___ None ___ Water Reactive
   ___ Cyanides ___ Shock Sensitive
   ___ Sulfides ___ DOT Explosive
   ___ Pyrophoric ___ Other ___
7. Solid 99 %
   Sludges 1 %
   Free Liquids ___ %
   100 %
8. **Weight**
   Density ___ lbs./cu. foot
9. **pH** X N/A
   ___ 0 - 2 ___ 10.1 - 12.4
   ___ 2.1 - 4 ___ ≥ 12.5
   ___ 4.1 - 10 Exact ___
10. Is this waste stored in vented drums? ___ Yes X No
    Do these drums contain free liquids? ___ Yes ___ No
    or Unfilled head space? ___ Yes ___ No

11. Does this waste contain scrap metal pieces greater than 2 inches in size or any protruding re-bar (from concrete pieces)? _X_ Yes ___ No
Please describe The waste is a former crude oil heater treater that will be cut up for disposal.

F. METALS - Steel tank

_X_ NONE ___ TCLP (mg/L)

	Reg. Limit	Below	Above
Arsenic	5 mg/L	____	____
Barium	100 mg/L	____	____
Cadmium	1 mg/L	____	____
Chromium	5 mg/L	____	____
Lead	5 mg/L	____	____
Mercury	0.2 mg/L	____	____
Selenium	1 mg/L	____	____
Silver	5 mg/L	____	____

Others: _____

G. PHYSICAL/CHEMICAL CONSTITUENTS

Attach all MSDS, Sample Analysis and Additional Information

H. ANTICIPATED VOLUME

Quantity	Container	Quantity	Container
_____	5-gal pail	_____	20 cu yd Roll Off
_____	15-gal carboy	_____	25 cu yd Roll Off
_____	30-gal drum	_____	30 cu yd Roll Off
_____	55-gal drum	_____	40 cu yd Roll Off
_____	85-gal drum	_____	# Bales (density = _____ lb/ft3)
18	Cu Yard Box	6 or 7	Dump Trailer
_____	Super Sack	_____	Tanker
_____	Other_____		

6 or 7 18 cy loads one time event for this location.
Per___ Time ___ Week ___ Month ___ Year ___ Other _____

LEA LAND, INC. WASTE PROFILE - PAGE 5 OF 5

If empty containers which formerly contained hazardous waste are to be disposed:

Do they contain no more than 1 inch of residue on the bottom of the container?

___ Yes _X_ No

Have they been rendered non-reusable (i.e., crushed, punctured, etc.)?

___ Yes ___ No _X_ N/A

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Ed Martin Date 6/19/02

NMOCD

Rev. 03-03-00

amec

VIA FACSIMILE: 713-968-6513

Ms. Saralyn Hall
Lea Land, Inc.

RE: Goodwin Treating Plant Profile
West of Hobbs, New Mexico
AMEC Project No. 2517000051

Dear Ms. Hall,

AMEC Earth & Environmental (AMEC) has completed a NORM survey of various materials from the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (EMNRD-OCD); Goodwin Treating Plant site located approximately 7.5 miles west of Hobbs, New Mexico. The materials consists of heater-treater tanks, piping, concrete, foam insulation and hydrocarbon soils/sludge. The highest reading detected for materials destined for disposal at Lea Land, Inc., using a Ludlum Scintillation Probe was 44 microroentgens per Hour (μR/hr).

The EMNRD-OCD has reviewed and signed a profile for the materials planned for disposal at Lea Land, Inc., which will be forwarded to you by a separate facsimile. Should you have any questions, please contact Ms. Martyne Kieling with the EMNRD-OCD at (505) 393-6161 or Don Fernald with AMEC at (505) 327-7928.

Sincerely,

Don Fernald
Program Manager

AMEC Earth & Environmental, Inc.
2060 Afton Place
Farmington, New Mexico, USA
Tel 1+505-327-7928
Fax 1+505-326-6721
www.amec.com

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Tripod Inc, SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6-20-02 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	**FROM:**
Consignee Lea Land Inc	Shipper NMOCD
Street Mile marke 64 US Hwy 62/180	Street Goodwin Treating Plant
Destination 30 mile East of Carlsbad N.M.	Origin 7 mile west Hwy 62/180
Route:	Hobbs N.M.

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1		Non Hazardous Non Regulated waste	X	X		20 Yd	X	Exempt	X
1		NON Hazardous NON Regulated waste	X	X		20 Yd	X	Exempt	X
		MANIFEST NO.							
		25264							
		25266							
		FOR LEA LAND, INC.							
		KINNETH SLAUGHTER							
		JUNE 20, 2002							

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: NM OCD CARRIER: _____

PER: _____ DATE: 6-20-02 PER: _____ DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Permanent post office address of shipper

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Tripod, INC SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6-20-02 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee LEA LAND Inc	Shipper NM OCD
Street ~~1805 West~~ 1 Mile marker 64 US Hwy 62/180	Street Goodwin Treating Plant
Destination 30 miles East of Carlsbad NM	Origin 7mi west Hwy 62/180 Zip Hobbs N.M
Route:	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1		Non Hazardous Non Regulated waste			X	20 YD	X	Exempt	X
1		NON Hazardous Non Regulated Waste		X	X	20 Yd	X	Exempt	X
		MANIFEST NO. 25263 25265 FOR LEA LAND, INC. KENNETH SLAUGHTER JUNE 20, 2002							

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Charges Advanced $ _____

FREIGHT CHARGES ☐ Prepaid ☐ Collect

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per Ed Martin

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE Mike Owens

SPECIAL INSTRUCTIONS:

SHIPPER: NM OCD CARRIER: Tripod Inc

PER: _____ DATE: 6-20-02 PER: Mike Owens DATE: 6-20-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Permanent post office address of shipper

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

APPENDIX C

BILL OF LADINGS FOR HYDROCARBON-IMPACTED SOILS TRANSPORTED TO J&L LANDFARM

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Albert Martinez Trucking SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at Goodwin Treating Plant, date 6-5-02 from 6-5-02

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee J & L Landfarms, Inc.	Shipper NMOCD - Goodwin Treating Plt.
Street 8301 Eunice Hwy / CR C-45	Street 7 Mi. west of Hobbs / N of Hwy 16
Destination Hobbs N.M. Zip 88241	Origin Hobbs N.M. Zip
Route: Lee M. Roberts	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
CV	93	

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		Exempt Hydro Carbon Soils	X	X	X	20 cy		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd.		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd.		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd.		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd.		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd.		Exempt	
		Exempt Hydro Carbon Soils	X	X	X	20 yd.		Exempt	

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: NMOCD
PER: _____ DATE: 6-5-02

CARRIER: Albert Martinez Trucking
PER: _____ DATE: 6-5-02

Permanent post office address of shipper

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Albert Martinez Trucking SCAC. _____ Carrier's No. _____
Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at Goodwin Treating Plant., date 6-5-02 from 6-5-02
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	**FROM:**
Consignee J & L Land Farms Inc.	Shipper NMOCD-Goodwin Treating Plant
Street 8301 Eunice Hwy / CR C-45	Street 7mi west of Hobbs / N of Hwy 160
Destination Hobbs N.M Zip 88241	Origin Hobbs N. M Zip 88241
Route: Leo M. Roberts	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
CV	96	

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		Exempt Hydrocarbon soils	X	X	X	20 cy		Exempt	
		Exempt Hydrocarbon soils	X	X	X	20 yd		Exempt	
		Exempt Hydro Carbon soils	X	X	X	20 cy		Exempt	
		Exempt Hydro Carbon soils	X	X	X	20 cyd		Exempt	
		Exempt Hydro Carbon soils	X	X	X	20 yd		Exempt	
		Exempt Hydrocarbon soils	X	X	X	20 yd		Exempt	
		Exempt Hydrocarbon soils	X	X	X	20 yd		Exempt	
		Exempt Hydrocarbon soils	X	X	X	20 yd		Exempt	
		Exempt Hydro Carbon soils	X	X	X	20 yd		Exempt	
		Exempt Hydro Carbon soils	X	X	X	20 yd		Exempt	

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARGES
☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: NMOCD
PER: _____ DATE: 6-5-02

CARRIER: Albert Martinez Trucking
PER: _____ DATE: 6-6-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

Permanent post office address of shipper

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. ______

(Carrier) Albert Martinez Trucking SCAC. ______ Carrier's No. #96

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at Goodwin Treating Plant, date 6-6-02 from 6-6-02

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee J&L LANDFARM, Inc	Shipper NMOCD - Goodwin Treating Plant
Street 8301 Eunice Hwy / CR C-45	Street 7 mi west of Hobbs N of Hwy 180
Destination Hobbs N.M Zip 88241	Origin Hobbs N.M Zip
Route: Lee M. Roberts	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		Exempt hydrocarbon soil	X	X	X	20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	
		Exempt hydrocarbon soil				20yd		Exempt	

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ______ per ______

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per Ed Martinez

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: NM OCD
PER: ______ DATE: 6-6-02

CARRIER: Albert Martinez Trucking
PER: [signature] DATE: 6-6-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Permanent post office address of shipper

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

APPENDIX D

SITE PHOTOGRAPHS

View of excavation activities at the Goodwin Treating Plant site.

View of Treater being dismantled.

Removal of piping associated with treaters.

View of the excavated areas around the disposal / injection well.

View of excavation activities.

Construction of biopiles at the Goodwin Treating Plant site.

View of biopile at the Goodwin Treating Plant site.

View of hydrocarbon-impacted soils excavated from the Goodwin Treating Plant site.

Biopile maintenance, watering and aeration activities.

Biopile maintenance, watering and aeration activities.

Biopile maintenance, watering activities.

Excavated areas at the Goodwin Treating Plant site.

APPENDIX E

BILL OF LADINGS FOR COW MANURE TRANSPORTED TO THE GOODWIN TREATING PLANT SITE

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Albert Martinez Trucking SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6-6-02 from 6-6-02

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee AMEC	Shipper Albert Martinez Trucking
Street Goodwin Treating Plant	Street 311 South 3rd
Destination Hobbs N.M. Zip	Origin Lovington, NM Zip 88260
Route:	

Delivering Carrier	Trailer Initial/Number 93	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		Manure	X	X	X	20yd		Exempt	
		Manure	X	X	X	20yd		Exempt	
		MANURE	X	X	X	20yd		Exempt	
		MANURE	X	X	X	20yd.		Exempt	
		MANURE	X	X	X	20yd		Exempt	
		MANURE	X	X	X	20yd.		Exempt	
		Manure	X	X	X	20yd		Exempt	

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARGES
☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: Albert Martinez
PER: _____ DATE: 6-6-02

Permanent post office address of shipper

CARRIER: Albert Martinez Trucking
PER: _____ DATE: 6-6-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Albert Martinez Trucking SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading.

at _____, date 6-6-02 from 6-6-02

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	**FROM:**
Consignee AMEC	Shipper ALBERT MARTINEZ TRUCKING
Street Goodwin Treating Plant	Street 311 South 3rd
Destination Hobbs NM Zip	Origin Lovington NM Zip 88260
Route:	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
	88	

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1		MANURE	X	X	X	20 yd		ExempT	
1		MANURE	X	X	X	12yd		ExempT	

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARGES
☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: _____

PER: _____ DATE: _____

Permanent post office address of shipper

CARRIER: Albert Martinez Trucking

PER: _____ DATE: 6-6-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Albert Martinez Trucking SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6-11-02 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee AMEC	Shipper Albert Martinez Tracking
Street Goodwin Treating Plant	Street 311 south 3rd
Destination Hobbs N. M Zip	Origin Lovington N.M. Zip
Route:	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
	93	

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1		Manure	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd.	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd.	X	Exempt	X
		MANURE	X	X	X	20yd.	X	Exempt	X
		MANURE	X	X	X	20yd.	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Charges Advanced $ _____

FREIGHT CHARGES
☐ Prepaid ☐ Collect

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: _____
PER: _____ DATE: _____
Permanent post office address of shipper

CARRIER: Albert Martinez Trucking
PER: _____ DATE: 6-11-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Albert Martinez Trucking SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading

at _____, date 6-12-02 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee AMEC	Shipper Albert Martinez Trucking
Street Goodwin Treating Plant.	Street 311 South 3rd
Destination Hobbs N.M. Zip	Origin Lovington N.M. Zip
Route:	

Delivering Carrier	Trailer Initial/Number T 96	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1		Manure	X	X	X	20yd	X	Exempt	X
		MANURE				20yd		Exempt	
		MANURE				20yd		Exempt	
		MANURE				20yd		Exempt	

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARGES
☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: _____
PER: _____ DATE: _____
Permanent post office address of shipper

CARRIER: Albert Martinez Trucking
PER: [signature] DATE: 6-12-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Martinez TRUCKING SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	**FROM:**
Consignee Amec	Shipper Albert martinez
Street Goodwin Trucking Plant	Street 311 South 3rd Rd
Destination Hobbs NM Zip	Origin Lovington NM Zip
Route:	

Delivering Carrier	Trailer Initial/Number 96	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Charges Advanced $ _____

FREIGHT CHARGES
☐ Prepaid ☐ Collect

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: _____ CARRIER: _____

PER: _____ DATE: _____ PER: _____ DATE: 6-29-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Permanent post office address of shipper

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Martinez TRUCKing SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	**FROM:**
Consignee Amec	Shipper Albert martinez
Street Goodwin Treating plant	Street 311 South 3 Rd
Destination Hobbs NM Zip	Origin Lovington NM Zip
Route:	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		manure	X	X	X	20	X	Exempt	X
	–	manure	X	X	X	20	X	Exempt	X
	–	manure	X	X	X	20	X	Exempt	X
	–	manure	X	X	X	20	X	Exempt	X
	–	manure	X	X	X	20	X	Exempt	X
	–	manure	X	X	X	20	X	Exempt	X
	–	manure	X	X	X	20	X	Exempt	X
	+	manure	X	X	X	20	X	Exempt	X
	–	manure	X	X	X	20	X	Exempt	X

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: _____

PER: _____ DATE: _____

Permanent post office address of shipper

CARRIER: Albert Martinez

PER: Eleazar B Fonseca DATE: 6-29-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Martinez TRUCKING SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	**FROM:**
Consignee Amec	Shipper Albert Martinez
Street Goodwin Trucking Plant	Street 311 South 3rd
Destination Hobbs NM Zip	Origin Lovington NM Zip
Route:	

Delivering Carrier	Trailer Initial/Number #93	U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X
		MANURE	X	X	X	20yd.	X	Exempt	X
		MANURE	X	X	X	20yd	X	Exempt	X

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: _____
PER: _____ DATE: _____

Permanent post office address of shipper

CARRIER: Albert Martinez
PER: _____ DATE: 6-29-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. _____

(Carrier) Albert Martinez Trucking SCAC. _____ Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	**FROM:**
Consignee Amec	Shipper Albert martinez
Street Goodwin Treating plant	Street 311 south 3rd
Destination Hobbs N.M Zip 88240	Origin Lovington NM Zip
Route:	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
	02	

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X
		Manure	X	X	X	20	X	Exempt	X

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Charges Advanced $ _____

FREIGHT CHARGES
☐ Prepaid ☐ Collect

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED **PLACARDS SUPPLIED** ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: _____
PER: _____ DATE: _____
(post office address of shipper)

CARRIER: Albert Martinez
PER: _____ DATE: 6-29-02

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

APPENDIX F

SOIL TESTING ANALYTICAL DATA (BTEX & TPH)

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: June 19, 2002 Order Number: A02061012 Page Number: 1 of 1
2-517-000051 Goodwin Treating Plant 8 Miles West of Hobbs, NM

Summary Report

Martyne Kieling
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: June 19, 2002

Order ID Number: A02061012

Project Number: 2-517-000051
Project Name: Goodwin Treating Plant
Project Location: 8 Miles West of Hobbs, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
198916	060502-01	Soil	6/5/02	8:45	6/8/02
198917	060502-02	Soil	6/5/02	10:40	6/8/02
198918	060502-03	Soil	6/5/02	12:10	6/8/02
198919	060502-04	Soil	6/5/02	13:30	6/8/02
198920	060502-05	Soil	6/7/02	8:25	6/8/02
198921	060502-06	Soil	6/7/02	8:30	6/8/02
198922	060502-07	Soil	6/7/02	9:25	6/8/02
198923	060502-08	Soil	6/7/02	9:35	6/8/02

0 This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	TPH DRO DRO (ppm)	TPH GRO GRO (ppm)
198916 - 060502-01	<50.0	<1
198917 - 060502-02	171	12.7
198918 - 060502-03	122	2.86
198919 - 060502-04	<50.0	<1
198920 - 060502-05	<50.0	<1
198921 - 060502-06	59.4	<1
198922 - 060502-07	<50.0	<1
198923 - 060502-08	<50.0	<1

This is only a summary. Please, refer to the complete report package for quality control data.

Page____of____

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Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A02d06012

Company Name: NM OCD
Phone #: 505 476-3488
Address: (Street, City, Zip) 1625 N. French Hobbs, NM 88240
Fax #: 505-393-0720
Contact Person: Martyne Kieling
Invoice to: (If different from above)
Project #: 2-517-000051
Project Name: Goodwin Treating Plant
Project Location: 8 miles West of Hobbs, NM
Sampler Signature: William H. Murphy

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 DRO/GRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
28916	060502-01	1	4oz		✓							✓		6/5/02	0845			✓														
17	060502-02	1	4oz		✓							✓		6/5/02	1040			✓														
18	060502-03	1	4oz		✓							✓		6/5/02	1210			✓														
19	060502-04	1	4oz		✓							✓		6/5/02	1330			✓														
20	060702-05	1	4oz		✓							✓		6/7/02	0825			✓														
21	060702-06	1	4oz		✓							✓		6/7/02	0920			✓														
22	060702-07	1	4oz		✓							✓		6/7/02	0925			✓														
23	060702-08	1	4oz		✓							✓		6/7/02	0935			✓														

Relinquished by: William H. Murphy Date: 6/7/02 Time: 11:00
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: [illegible signature] Date: 6-8-02 Time: 9:30AM

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp: 1°
Log-in Review: [initials]

REMARKS:
DRO 6/17

☐ Check If Special Reporting Limits Are Needed

Carrier # Greyhound 163-566-828-7

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: June 18, 2002 Order Number: A02061403 Page Number: 1 of 1
Goodwin Treating Plant Goodwin Redwood Tanks

Summary Report

Martyne Kieling
OCD
1220 S. Saint Francis Dr.
Santa Fe, NM 87505

Report Date: June 18, 2002

Order ID Number: A02061403

Project Number: Goodwin Treating Plant
Project Name: Goodwin
Project Location: Redwood Tanks

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
199295	061002-09	Soil	6/10/02	9:15	6/14/02
199296	061002-10	Soil	6/10/02	9:18	6/14/02
199297	061002-11	Soil	6/10/02	9:25	6/14/02
199298	061002-12	Soil	6/10/02	9:26	6/14/02

A total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	BTEX Benzene (ppm)	BTEX Toluene (ppm)	BTEX Ethylbenzene (ppm)	BTEX m,p,o-Xylene (ppm)	BTEX Total BTEX (ppm)	TPH DRO DRO (ppm)	TPH GRO GRO (ppm)
199295 - 061002-09	<0.010	0.014	0.0107	0.0117	0.0364	98.7	<1
199296 - 061002-10	<0.010	<0.010	0.0102	0.0104	0.0206	<50.0	<1
199297 - 061002-11	<0.010	<0.010	<0.010	<0.010	<0.010	57.2	<1
199298 - 061002-12	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1

Page 1 of 1

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El Paso, Texas 79932
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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #: A2 06 1403

Company Name: N M OCD
Phone #: 505 476-3488
Address: (Street, City, Zip) 1625 N. French Drive Hobbs NM 88240
Fax #:
Contact Person: Martyne Kieling
Invoice to: (If different from above)
Project #: 2-517-000051
Project Name: Goodwin Treating Plant
Project Location: 8 miles West of Hobbs NM
Sampler Signature: William H. Murphy

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	WATER	SOIL	AIR	SLUDGE	HCl	HNO₃	H₂SO₄	NaOH	ICE	NONE	DATE	TIME	BTEX 8021B/602	TPH 418.1/TX1005 (8015 GRO DRO)
9295	061002-09	1	4oz		✓							✓		[illegible]	[illegible]	✓	✓
96	061002-10	1	4oz		✓							✓		[illegible]	[illegible]	✓	✓
97	061002-11	1	4oz		✓							✓		[illegible]	[illegible]	✓	✓
98	061002-12	1	4oz		✓							✓		[illegible]	[illegible]	✓	✓
	~~061002-Comp 1~~	~~1~~	~~4oz~~		~~✓~~							~~✓~~		[illegible]	[illegible]		
	~~061002-Comp 2~~	~~1~~	~~4oz~~		~~✓~~							~~✓~~		[illegible]	[illegible]		

Other analysis columns (no entries): MTBE 8021B/602; PAH 8270C; Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7; TCLP Metals Ag As Ba Cd Cr Pb Se Hg; TCLP Volatiles; TCLP Semi Volatiles; TCLP Pesticides; RCI; GC/MS Vol. 8260B/624; GC/MS Semi. Vol. 8270C/625; PCB's 8082/608; Pesticides 8081A/608; BOD, TSS, pH; Turn Around Time if different from standard; Hold

Relinquished by	Date	Time	Received by	Date	Time
Bill Murphy	6/10/02	1009	Mark Ehrlich	6/11/02	1008
Mark Ehrlich	6/13/02	8:30	Helen Shelton	6/13/02	8:30
Helen Shelton	6/13/02	1830	Received at Laboratory by: Matt Brown	6-14-02	9:30am

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp
Log-in Review

REMARKS:

☐ Check if Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 4 samples AS

Carrier # Greyhound GLI 163-546-762-7

ORIGINAL COPY

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: July 9, 2002 Order Number: A02062409 Page Number: 1 of 1
2-517-000051 Goodwin Treating Plant 8 Miles West of Hobbs, NM

Summary Report

Martyne Kieling
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: July 9, 2002

Order ID Number: A02062409

Project Number: 2-517-000051
Project Name: Goodwin Treating Plant
Project Location: 8 Miles West of Hobbs, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
199901	062102-13	Soil	6/21/02	9:47	6/22/02
199902	062102-14	Soil	6/21/02	9:52	6/22/02
199903	062102-15	Soil	6/21/02	10:55	6/22/02
199904	062102-16	Soil	6/21/02	11:00	6/22/02
199905	062102-17	Soil	6/21/02	11:04	6/22/02
199906	062102-18	Soil	6/21/02	11:12	6/22/02
199907	062102-19	Soil	6/21/02	11:17	6/22/02
199908	062102-20	Soil	6/21/02	11:27	6/22/02
199909	062102-21	Soil	6/21/02	11:32	6/22/02

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	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
199901 - 062102-13	<0.010	<0.010	<0.010	<0.010	<0.010	69.8	<1.00
199902 - 062102-14	<0.010	<0.010	<0.010	<0.010	<0.010	109	<1.00
199903 - 062102-15	<0.010	<0.010	<0.010	0.0106	0.0106	179	<1.00
199904 - 062102-16	<0.010	<0.010	0.0167	0.0393	0.056	1960	12.5
199905 - 062102-17	<0.010	<0.010	<0.010	<0.010	<0.010	<50	2.32
199906 - 062102-18	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1.00
199907 - 062102-19	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1.00
199908 - 062102-20	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1.00
199909 - 062102-21	<0.010	<0.010	<0.010	<0.010	<0.010	1530	<1.00

This is only a summary. Please, refer to the complete report package for quality control data.

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TraceAnalysis, Inc.

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El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: OCD HOBBS

Phone #: 505 476-3488

Address: (Street, City, Zip)

Fax #:

Contact Person: MARTYNE KIRKLAND

Invoice to: (If different from above)

Project #: 02-517-000051

Project Name: GOODWIN TREATING PLANT

Project Location: 8 MILES WEST OF HOBBS

Sampler Signature:

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH					Turn Around Time if different from standard	Hold
	062102 - 13	1	4oz		✓							✓		6/21/02	0947		✓	✓																			
	062102 - 14	1	4oz		✓							✓		6/21/02	0962		✓	✓																			
	062102 - 15	1	4oz		✓							✓		6/21/02	1055		✓	✓																			
	062102 - 16	1	4oz		✓							✓		6/21/02	1100		✓	✓																			
	062102 - 17	1	4oz		✓							✓		6/21/02	1107		✓	✓																			
	062102 - 18	1	4oz		✓							✓		6/21/02	1112		✓	✓																			
	062102 - 19	1	4oz		✓							✓		6/21/02	1117		✓	✓																			
	062102 - 20	1	4oz		✓							✓		6/21/02	1127		✓	✓																			
	062102 - 21	1	4oz		✓							✓		6/21/02	1132		✓	✓																			

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received at Laboratory by: Date: Time:

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp °

Log-In Review

REMARKS:

Check If Special Reporting Limits Are Needed

Carrier #

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

CHART COPY

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: July 9, 2002 Order Number: A02062616 Page Number: 1 of 1
2-517-000051 Goodwin Treating Plant 8 Miles West of Hobbs, NM

Summary Report

Martyne Kieling
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: July 9, 2002

Order ID Number: A02062616

Project Number: 2-517-000051
Project Name: Goodwin Treating Plant
Project Location: 8 Miles West of Hobbs, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
200156	062502-1	Soil	6/25/02	10:50	6/26/02
200157	062502-2	Soil	6/25/02	10:54	6/26/02
200158	062502-3	Soil	6/25/02	11:00	6/26/02
200159	062502-4	Soil	6/25/02	11:04	6/26/02
200160	062502-5	Soil	6/25/02	11:10	6/26/02
200161	062502-6	Soil	6/25/02	11:14	6/26/02
200162	062502-7	Soil	6/25/02	11:17	6/26/02
200163	062502-8	Soil	6/25/02	11:20	6/26/02
200164	062502-24	Soil	6/25/02	12:30	6/26/02
200165	062502-22	Soil	6/25/02	12:17	6/26/02
200166	062502-23	Soil	6/25/02	12:20	6/26/02
200167	062502-25	Soil	6/25/02	15:20	6/26/02

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	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
200156 - 062502-1	<0.010	0.126	0.0364	0.032	0.194	<50.0	1.23
200157 - 062502-2	<0.010	<0.010	<0.010	0.0172	0.0172	125	1.55
200158 - 062502-3	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
200159 - 062502-4	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
200160 - 062502-5	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
200161 - 062502-6	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
200162 - 062502-7	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
200163 - 062502-8	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
200164 - 062502-24	<0.010	<0.010	0.0104	0.0109	0.0213	<50.0	<1
200165 - 062502-22	<0.010	<0.010	<0.010	0.0104	0.0104	<50.0	<1
200166 - 062502-23	<0.010	<0.010	0.0104	0.012	0.0224	<50.0	<1
200167 - 062502-25	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1

This is only a summary. Please, refer to the complete report package for quality control data.

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TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #: A0206261[illegible]

Company Name: NMOCD
Phone #: 505-476-3488

Address: (Street, City, Zip) 1625 N. French Drive, Hobbs NM 88240
Fax #:

Contact Person: Martyne Kieling

Invoice to: (If different from above)

Project #: 2-517-000051
Project Name: Goodwin Treating Plant

Project Location: 8 miles West of Hobb, NM
Sampler Signature: Mark [illegible]

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602 (circled)	TPH 418.1/TX1005 (8015M DRO+GRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
201?	062502-1	1	4oz		✓							✓		6/25/02	1050		✓	X														
57	062502-2	1	4oz		✓							✓		6/25/02	1054		✓	X														
58	062502-3	1	4oz		✓							✓		6/25/02	1100		✓	X														
59	062502-4	1	4oz		✓							✓		6/25/02	1104		✓	X														
60	062502-5	1	4oz		✓							✓		6/25/02	1110		✓	X														
61	062502-6	1	4oz		✓							✓		6/25/02	1114		✓	X														
62	062502-7	1	4oz		✓							✓		6/25/02	1117		✓	X														
63	062502-8	1	4oz		✓							✓		6/25/02	1120		✓	X														
64	062502-24	1	4oz		✓							✓		6/25/02	1230		✓	X														
65	062502-22	1	4oz		✓							✓		6/25/02	1217		✓	X														
66	062502-23	1	4oz		✓							✓		6/25/02	1220		✓	X														

Relinquished by: Mark [illegible] Date: 6-25-02 Time: 1740
Received by: Helen Shelton Date: 6/25/02 Time: 1740

Relinquished by: Helen Shelton Date: 6/26/02 Time: 1830
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: [illegible] Date: 6-26-02 Time: 10:[illegible]

LAB USE ONLY
Intact: (Y) N
Headspace: Y / N
Temp: <4°
Log-in Review: [illegible]

REMARKS: per Martyne, run BTEX, GRO + DRO 7/1
7/9 F/P

☐ Check If Special Reporting Limits Are Needed

Carrier #: Greyhound 163-566-890-3

11 samples HS

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El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #:

Company Name: NMOCD
Phone #: 505-476-3488
Address: (Street, City, Zip) 1625 N. French Dr. / Hobbs NM 88240
Fax #:
Contact Person: Martyne Kieling
Invoice to: (if different from above)
Project #: 2-517-00005 1
Project Name: Goodwin Treating Plant
Project Location: 8 mi W. of Hobbs NM
Sampler Signature: Mark Ashley

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
00167	625 02-25	1	4oz		✓							✓		6/24/02	1520

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
	✓	✓														

8015M

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Mark Ashley	6-25-02	1710	Helen Shelton	6/25/02	1740
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Helen Shelton	6/25/02	1830			
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
					1200

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ORIGINAL COPY

LAB USE ONLY
Intact: Y / N
Headspace: Y / N
Temp: 4 °
Log-in Review:

REMARKS:

☐ Check if Special Reporting Limits Are Needed

Carrier # UPS 163-566-890-3

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: July 16, 2002 Order Number: A02070327 Page Number: 1 of 1
2-517-000051 OCD Goodwin Treating Plant 8 Miles West of Hobbs,Tx.

Summary Report

Martyne Kieling
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: July 16, 2002

Order ID Number: A02070327

Project Number: 2-517-000051
Project Name: OCD Goodwin Treating Plant
Project Location: 8 Miles West of Hobbs,Tx.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
200775	070202-26	Soil	7/2/02	10:05	7/3/02
200776	070202-27	Soil	7/2/02	10:07	7/3/02
200777	070202-28	Soil	7/2/02	10:10	7/3/02
200778	070202-29	Soil	7/2/02	10:18	7/3/02
200779	070202-30	Soil	7/2/02	11:00	7/3/02
200780	070202-31	Soil	7/2/02	11:08	7/3/02
200781	070202-32	Soil	7/2/02	11:06	7/3/02
200782	070202-33	Soil	7/2/02	10:36	7/3/02
200783	070202-34	Soil	7/2/02	11:10	7/3/02

0 This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
200775 - 070202-26	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
200776 - 070202-27	<0.010	<0.010	<0.010	<0.010	<0.010	91.9	<1.00
200777 - 070202-28	<0.010	<0.010	<0.010	<0.010	<0.010	66.3	<1.00
200778 - 070202-29	<0.010	<0.010	<0.010	<0.010	<0.010	144	<1.00
200779 - 070202-30	<0.010	<0.010	<0.010	<0.010	<0.010	224	<1.00
200780 - 070202-31	<0.010	<0.010	<0.010	<0.010	<0.010	120	<1.00
200781 - 070202-32	<0.010	<0.010	<0.010	<0.010	<0.010	102	<1.00
200782 - 070202-33	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
200783 - 070202-34	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00

This is only a summary. Please, refer to the complete report package for quality control data.

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: July 29, 2002 Order Number: A02071508 Page Number: 1 of 1
2-517-000051 Goodwin Treating Plant 8 Miles West of Hobbs, NM

Summary Report

Martyne Kieling
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: July 29, 2002

Order ID Number: A02071508

Project Number: 2-517-000051
Project Name: Goodwin Treating Plant
Project Location: 8 Miles West of Hobbs, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
201543	071202-21	Soil	7/12/02	9:06	7/13/02
201544	071202-16	Soil	7/12/02	9:18	7/13/02
201545	071202-35	Soil	7/12/02	9:45	7/13/02
201546	071202-36	Soil	7/12/02	10:00	7/13/02
201547	071202-37	Soil	7/12/02	10:15	7/13/02
201548	071202-38	Soil	7/12/02	10:56	7/13/02

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	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
201543 - 071202-21	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
201544 - 071202-16	<0.010	<0.010	<0.010	0.0107	0.0107	<50.0	<1
201545 - 071202-35	<0.010	<0.010	<0.010	<0.010	<0.010	<50	<1.00
201546 - 071202-36	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
201547 - 071202-37	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1
201548 - 071202-38	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1

Sample: 201548 - 071202-38

Param	Flag	Result	Units
Chloride	[1]	1350	mg/Kg

[1]The matrix spike %EA = 95 and RPD = 0

This is only a summary. Please, refer to the complete report package for quality control data.

201543-48

Page 1 of 1

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El Paso, Texas 79932
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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A02071508

Company Name: NMOCD
Phone #: 505-476-3488

Address: (Street, City, Zip) 1625 N. FRENCH DR. HOBBS NM 88240
Fax #:

Contact Person: MARTYNE KIELING / LARRY JOHNSON

Invoice to: (If different from above) SANTA FE - OCD

Project #: Z-517-000051
Project Name: GOODWIN PLANT

Project Location: GOODWIN - 8 MILES "W" OF HOBBS N.M
Sampler Signature: B. H. [signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	ICE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	~~TPH 418.1/TX1005~~ DRO+GRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	CHLORIDE	Turn Around Time if different from standard	Hold
201543	071202 - 21	1	4oz		X									X	7-12-02	9:06		X	X															
44	071202 - 16															9:18		X	X															
45	071202 - 35															9:45		X	X															
46	071202 - 36															10:00		X	X															
47	071202 - 37															10:15		X	X															
48	071202 - 38	↓	↓		↓									↓	↓	10:56		X	X													X		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
B. H. [signature]	07-12-02		[signature]	7/12/02	4:20 PM
[signature]	7-12-02	1620			
			Received at Laboratory by: Dawn Niemann	7/13/02	9:25

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 3
Log-in Review [initials]

REMARKS:
7:30 FIP

☐ Check If Special Reporting Limits Are Needed

Carrier # Airborne # 9027992370

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TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: July 23, 2002 Order Number: A02071823 Page Number: 1 of 1
2-517-000051 Goodwin Treating Plant 8 Miles West of Hobbs, NM

Summary Report

Martyne Kieling
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: July 23, 2002

Order ID Number: A02071823

Project Number: 2-517-000051
Project Name: Goodwin Treating Plant
Project Location: 8 Miles West of Hobbs, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
202021	71702-39	Soil	7/17/02	9:15	7/18/02
202022	71702-40	Soil	7/17/02	9:17	7/18/02
202023	71702-41	Soil	7/17/02	9:20	7/18/02
202024	71702-42	Soil	7/17/02	9:25	7/18/02
202025	71702-43	Soil	7/17/02	9:30	7/18/02
202026	71702-44	Soil	7/17/02	9:35	7/18/02
202027	71702-45	Soil	7/17/02	9:40	7/18/02
202028	71702-46	Soil	7/17/02	9:45	7/18/02
202029	71702-47	Soil	7/17/02	9:50	7/18/02

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	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
202021 - 71702-39	<0.010	<0.010	<0.010	0.013	0.013	<50.0	<1.00
202022 - 71702-40	<0.010	<0.010	<0.010	<0.010	<0.010	50.9	<1.00
202023 - 71702-41	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
202024 - 71702-42	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
202025 - 71702-43	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
202026 - 71702-44	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
202027 - 71702-45	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
202028 - 71702-46	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00
202029 - 71702-47	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<1.00

This is only a summary. Please, refer to the complete report package for quality control data.

202021-202029

Page ____ of ____

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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #: 202021823

Company Name: NM OCD
Phone #: 505-476-3488
Address: (Street, City, Zip) 1625 N. French Drive Hobbs NM 88240
Fax #:
Contact Person: Martina Keling
Invoice to: (If different from above)
Project #: 25170000051
Project Name: OCD Goodwin
Project Location: 8 miles west of Hobbs
Sampler Signature: Morgan Killion

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
202021	71702-39	1	402		X									7/7/02	915
22	71702-40	1	402		X									7/7/02	917
23	71702-41	1	402		X									7/7/02	920
24	71702-42	1	402		X									7/7/02	925
25	71702-43	1	402		X									7/7/02	930
26	71702-44	1	402		X									7/7/02	935
27	71702-45	1	402		X									7/7/02	940
28	71702-46	1	402		X									7/7/02	945
29	71702-47	1	402		X									7/7/02	950

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	8015 GRO DRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
	X	X															
	X	X															
	X	X															
	X	X															
	X	X															
	X	X															
	X	X															
	X	X															
	X	X															

Relinquished by: Morgan Killion Date: 7/7/02 Time: 1540
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 7-8-02 Time: 10:00

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 21°C
Log-In Review MA

REMARKS:
FAX a COPY OF RESULTS TO DON FERNALD 505-327-5121

☐ Check If Special Reporting Limits Are Needed

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08/14/2002 10:55 8067941298 TRACEANALYSIS PAGE 03

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Report Date: July 23, 2002 Order Number: A02071822 Page Number: 1 of 1
2-517-000051 OCD Goodwin Treating Plant 8 Miles West of Hobbs,Tx.

Summary Report

Martyne Kieling
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: July 23, 2002

Order ID Number: A02071822

Project Number: 2-517-000051
Project Name: OCD Goodwin Treating Plant
Project Location: 8 Miles West of Hobbs,Tx.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
202011	B-71702-1	Soil	7/17/02	12:40	7/18/02
202012	B-71702-2	Soil	7/17/02	12:44	7/18/02
202013	B-71702-3	Soil	7/17/02	12:46	7/18/02
202014	B-71702-4	Soil	7/17/02	12:50	7/18/02
202015	B-71702-5	Soil	7/17/02	13:00	7/18/02
202016	B-71702-6	Soil	7/17/02	13:10	7/18/02
202017	B-71706-7	Soil	7/17/02	13:15	7/18/02
202018	B-71702-8	Soil	7/17/02	13:20	7/18/02
202019	B-71702-9	Soil	7/17/02	13:25	7/18/02
202020	B-71702-10	Soil	7/17/02	13:30	7/18/02

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	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
202011 - B-71702-1	<0.010	0.0461	0.173	0.446	0.665	4430	40.1
202012 - B-71702-2	<0.010	0.0123	0.0658	0.293	0.371	5000	32
202013 - B-71702-3	<0.010	0.0585	0.058	0.215	0.332	4490	18.6
202014 - B-71702-4	0.356	0.953	1.83	6.21	9.35	3390	183
202015 - B-71702-5	0.0556	0.0465	0.264	0.429	0.795	5140	39.9
202016 - B-71702-6	<0.010	0.0213	0.0694	0.157	0.248	2730	24.1
202017 - B-71706-7	<0.010	0.0202	0.042	0.0978	0.160	2410	16.3
202018 - B-71702-8	<0.010	0.0733	0.460	1.25	1.78	2870	56.3
202019 - B-71702-9	0.666	0.637	2.06	4.74	8.10	3170	124
202020 - B-71702-10	<0.010	0.0146	0.130	0.584	0.729	3040	55.3

Biopile sampling data

This is only a summary. Please, refer to the complete report package for quality control data.

202011-202020

Page____of____

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0207182?

Company Name: NM OCD
Phone #: 505-476-3488
Address: (Street, City, Zip) 1625 N. French DR. Hobbs NM 88240
Fax #:
Contact Person: Martine Keling
Invoice to: (If different from above)
Project #: 251700051
Project Name: OCD Goodwin
Project Location: 8 Miles West of Hobbs
Sampler Signature: [signature]

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 (8015 GRO DRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
202011	B-71702-1	1			X									7-17-02	1240		X	X														
12	B-71702-2	1			X									7-17-02	1244		X	X														
13	B-71702-3	1			X									7-17-02	1246		X	X														
14	B-71702-4	1			X									7-17-02	1250		X	X														
15	B-71702-5	1			X									7-17-02	1300		X	X														
16	B-71702-6	1			X									7-17-02	1310		X	X														
17	B-71702-7	1			X									7-17-02	1315		X	X														
18	B-71702-8	1			X									7-17-02	1320		X	X														
19	B-71702-9	1			X									7-17-02	1325		X	X														
20	B-71702-10	1			X									7-17-02	1330		X	X														

Relinquished by: [signature] Date: 7-17-02 Time: 1540
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: [signature] Date: 7-18-02 Time: 10:00

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 21°
Log-in Review MA

REMARKS:
Also Fax Result to
Don Fernald
505-327-5121

☐ Check If Special Reporting Limits Are Needed

7/24F

Submittal of samples constitutes ...

Summary Report

Bob Wilcox
AMEC
301 N. Colorado St Suite 350
Midland, Tx. 79701

Report Date: September 18, 2002

Order ID Number: A02091319

Project Number: 2517000051
Project Name: Goodwinn
Project Location: West of Hobbs NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
207897	091102-01	Soil	9/11/02	16:05	9/13/02
207898	091102-02	Soil	9/11/02	16:10	9/13/02
207899	091102-03	Soil	9/11/02	16:15	9/13/02
207900	091102-04	Soil	9/11/02	16:20	9/13/02
207901	091102-05	Soil	9/11/02	16:25	9/13/02

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	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
207897 - 091102-01	<0.010	0.0104	0.0425	0.0687	0.122	393	18.2
207898 - 091102-02	<0.010	<0.010	0.0262	0.061	0.0872	210	13.6
207899 - 091102-03	<0.010	<0.010	0.0138	0.0468	0.0606	526	9.37
207900 - 091102-04	<0.010	<0.010	0.0158	0.0484	0.0642	298	12.3
207901 - 091102-05	<0.010	<0.010	0.0227	0.0346	0.0573	1040	15.5

This is only a summary. Please, refer to the complete report package for quality control data.

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0209319

Company Name: AMEC
Phone #: (915) 686-1978
Address: (Street, City, Zip) 301 N. Colorado St. Suite 350
Fax #: (915) 618-0137
Contact Person: Bob Wilcox or Don Fernal (Farmington N.M. (505) 327-7928
Invoice to: (if different from above) OCD Hobbs N.M. Larry Johnson
Project #: 25170000051
Project Name: Goodwin
Project Location: West of Hobbs, N.M.
Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 8015 Modified 6 & 10 MRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
207897	091102-01	1	4oz		✓							✓		9/11/02	4:05		✓	✓														
98	091102-02	↓	↓		↓							↓			4:10		"	"														
99	091102-03														4:15		"	"														
100	091102-04														4:20		"	"														
101	091102-05	↓	↓		↓							↓		↓	4:25		↓	↓														

Relinquished by: Date: 09/12/02 Time: 14:10
Received by: Helen Shelton Date: 9/12/02 Time: 14 10

Relinquished by: Helen Shelton Date: 9/12/02 Time: 1830
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: Date: Time:
9/13/02 10:00

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 2° °
Log-in Review

REMARKS:
9/19 FAX
☐ Check If Special Reporting Limits Are Needed

Carrier # Greyhound GLZ 163 566 561 4

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 5 samples-HS

ORIGINAL COPY

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Summary Report

Martyne Kieling
OCD
1220 S. Saint Francis Dr.
Santa Fe, NM 87505

Report Date: December 4, 2002

Order ID Number: A02112209

Project Number: Composite Pile
Project Name: Goodwin
Project Location: Goodwin Treating Plant

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
214232	112102913	Soil	11/21/02	9:13	11/22/02
214233	112102920	Soil	11/21/02	9:20	11/22/02
214234	112102928	Soil	11/21/02	9:28	11/22/02
214235	112102936	Soil	11/21/02	9:36	11/22/02
214236	112102944	Soil	11/21/02	9:44	11/22/02

0 This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX					TPH DRO	TPH GRO
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
214232 - 112102913	<0.010	<0.010	<0.010	<0.010	<0.010	225	4.54
214233 - 112102920	<0.010	<0.010	<0.010	<0.010	<0.010	389	<1.00
214234 - 112102928	<0.010	<0.010	<0.010	<0.010	<0.010	508	<1.00
214235 - 112102936	<0.010	<0.010	<0.010	<0.010	<0.010	342	3.92
214236 - 112102944	<0.010	<0.010	<0.010	<0.010	<0.010	411	<1.00

This is only a summary. Please, refer to the complete report package for quality control data.

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4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #: 102112009

Company Name: Oil Conservation Division
Phone #: 505 476-3488
Address: (Street, City, Zip) 1220 South Saint Francis Drive Santa Fe NM 87505
Fax #:
Contact Person: Martyne Kieling
Invoice to: (If different from above)
Project #: Compost Pile
Project Name: Goodwin
Project Location: Goodwin treating Plant
Sampler Signature: Martyne Kieling

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO4	H2SO4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 GRO + DRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH						Turn Around Time if different from standard	Hold
214232	112102913	1	4oz		X								X		11/21/02	9:13		X	X																		
33	112102920	1	4oz		X								X		11/21/02	9:20		X	X																		
34	112102928	1	4oz		X								X		11/21/02	9:28		X	X																		
35	112102936	1	4oz		X								X		11/21/02	9:36		X	X																		
36	112102944	1	4oz		X								X		11/21/02	9:44		X	X																		

Relinquished by: Martyne Kieling Date: 11/21/02 Time: 10:30
Received by: L JOHNSON Date: 11/21/02 Time: 11:00 Am

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: Date: Time:

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp
Log-in Review MA

REMARKS:
12/4
12/5

APPENDIX G

SOIL TESTING ANALYTICAL DATA (BIOLOGICAL & CHLORIDES)

BioLogic Resources, LLC
6950 SW Juniper Terrace
Beaverton, OR 97008
Phone 503.720.3876
Fax 503.646.5322

For: Trace Analysis
6701 Aberdeen Ave., Suite 9
Lubbock, TX 79424

Received: 06.13.02
Tested: 06.13.02
Completed: 06.23.02

Lab #	Sample	Heterotrophic Plate Count CFU/g	Diesel Degrading Bacteria CFU/g	Heavy Oil Degrading Bacteria CFU/g	Chlorides mg/kg
TA001	Goodwin Plant 061002 – Comp 1 6-11-02 0938	9.1×10^6	7.1×10^5	6.7×10^6	3,900
TA002	Goodwin Plant 061002 – Comp 2 6-11-02 0945	5.6×10^7	4.5×10^6	2.7×10^6	2,900

Project #: 2-517-000051
NMOCD via AMEC Earth & Environmental

Samples were run in strict accordance with the following methodologies:

1. Heterotrophic Plate Count: Standard Methods for the Examination of Water and Wastewater, 20th Edition, Method 9215B
2. Diesel and Heavy Oil Degrading Bacteria: Manual of Environmental Microbiology, 2nd Edition, Chapter 84
3. Chlorides: Halogens by Ion Chromatography, Method SW9056

Kim W. Hutchinson
Microbiologist/Principal