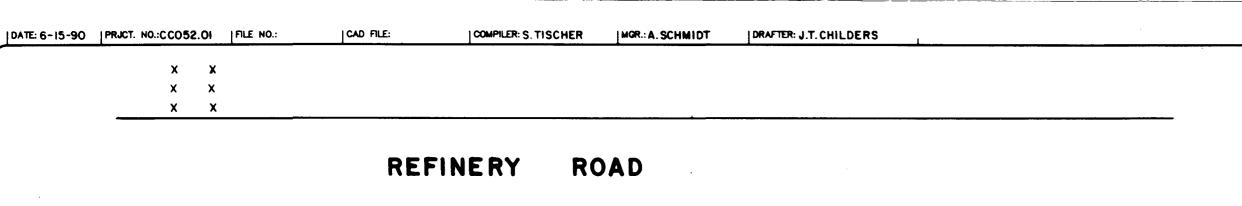
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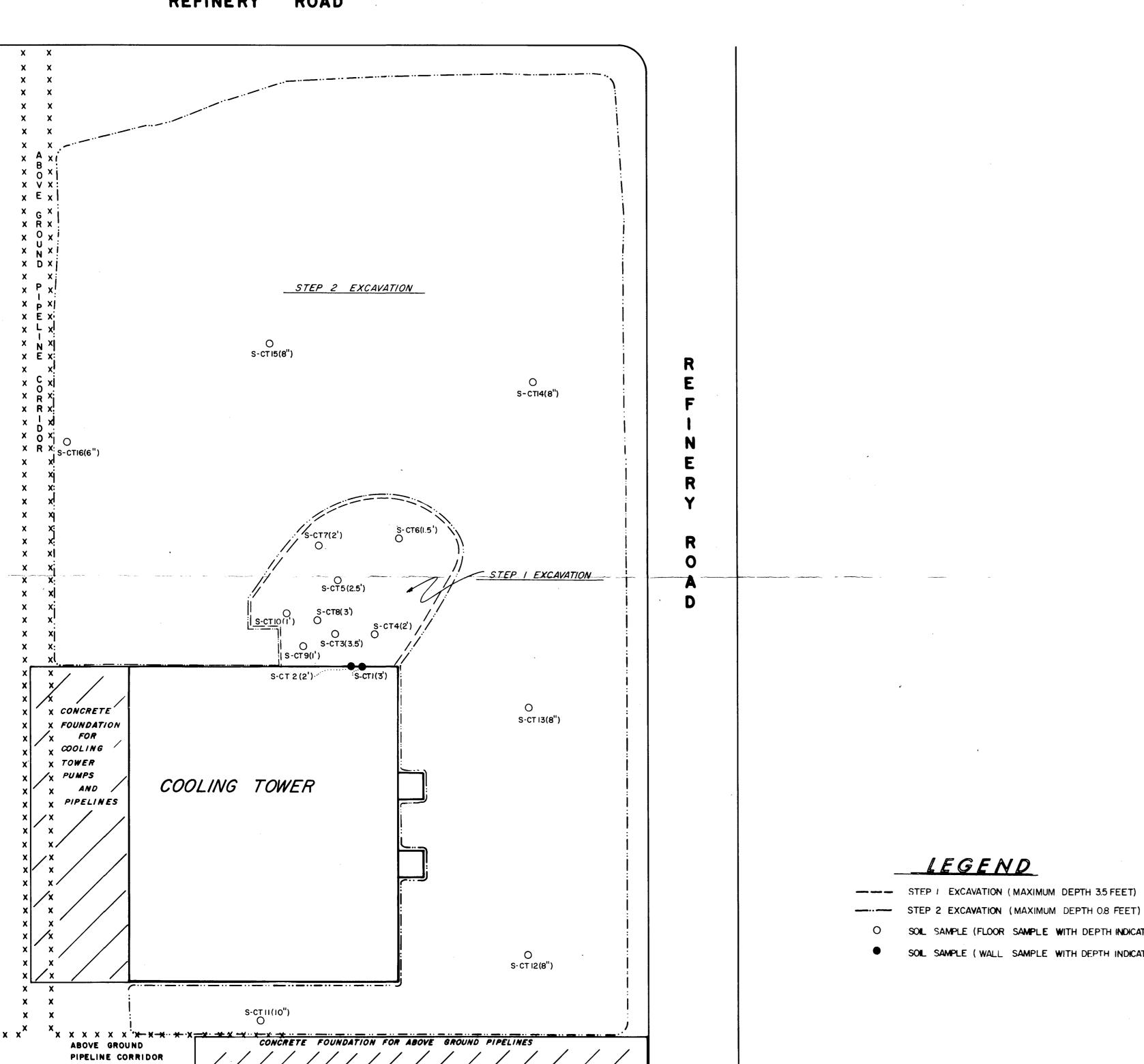
MAQ



GERAGHTY & MILLER, INC.

Environmental Services





	STEP	1 EXCAVATION CO	NFIRMATION		
				CHROMIUM	
DATE SAMPLED	SAMPLE I.D.	SAMPLE DEPTH ft.	EP TOX mg/L	TCLP mg/L	TOTAL mg/kg
02-12-90	S-CT1	3	<1		<20
03-07-90	S-CT2	2	<1		37
03-08-90	S-CT3	3.5	1.3		
03-08-90	S-CT4	2	<1		
03-08-90	S-CT5	2.5	<1		
03-08-90	S-CT6	1.5	<1		
03-08-90	S-CT7	2	<1		
03-08-90	S-CT8	3	<1		
03-08-90	S-CT9	1	1.5		
03-08-90	S-CT10	1	<1		

				CHROMIUM	
DATE SAMPLED	SAMPLE I.D.	SAMPLE DEPTH ft.	EP TOX mg/L	TCLP mg/L	TOTAL mg/kg
03-09-90	S-CT11	0.8			57
03-09-90	S-CT12	0.7			122
03-09-90	S-CT13	0.7			261
03-09-90	S-CT14	0.7			404
03-09-90	S-CT15	0.7			102
03-09-90	S-CT16	0.5			58

STEP / EXCAVATION (MAXIMUM DEPTH 3.5 FEET)

SOIL SAMPLE (FLOOR SAMPLE WITH DEPTH INDICATED)

SOIL SAMPLE (WALL SAMPLE WITH DEPTH INDICATED)

LEA REFINERY COOLING TOWER

STEPS I & 2 (3-9-90)

FIGURE

SOUTHERN UNION COMPANY

LEA COUNTY, NEW MEXICO

COOLING TOWER SUPPLEMENTAL REMEDIAL REPORT LEA REFINERY LOVINGTON, NEW MEXICO

PREPARED FOR SOUTHERN UNION COMPANY

OCTOBER, 1990



COOLING TOWER SUPPLEMENTAL REMEDIAL REPORT LEA REFINERY LOVINGTON, NEW MEXICO

Prepared For SOUTHERN UNION COMPANY LOVINGTON, NEW MEXICO

OCTOBER, 1990

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COOLING TOWER SUPPLEMENTAL REMEDIAL REPORT LEA REFINERY LOVINGTON, NEW MEXICO

EXECUTIVE SUMMARY

Remedial activities designed to remove chromium contaminated soils from the cooling tower area at the Lea Refinery commenced in early March of 1990. Excavation of soils identified as chromium impacted continued in a series of steps controlled by soil confirmation sampling until mid-October, 1990. The area of impacted soils was delineated in the spring of 1989 by Western Technologies, Inc. and outlined in a report by Geraghty & Miller, Inc. (formerly Reed & Associates) in August of 1989. This report also outlined the remedial action plan which was submitted to and received by the New Mexico Environmental Improvement Division.

As a first step, the area identified as containing hazardous levels of chromium was excavated and stockpiled separately. In the second step, the surface soils on the north, east and south sides of the cooling tower were removed to a depth of 1 to 2 feet. In the third step, this excavation was then expanded to remove chromium impacted, non-hazardous soils to a depth of about 19 feet. The deep excavation revealed that chromium impacted soils extended beneath the cooling tower structure at depth.

An angle hole drilling program was designed to identify the affected area beneath the tower. Eight borings were drilled at angles spread to cover the area behind the excavation face. Hazardous soils were identified in a few borehole samples and the impacted area was defined.

In the fourth step, the excavation walls were expanded to provide a slope to OSHA safety standards and the sidewall below the tower was shored. A window was placed in the shoring to excavate soils with a unique "vac-hoe" system. This compressed air-vacuum system

removed impacted soil using the cement grouted boreholes as a guide. When clay sediments were encountered, a trackhoe was used to finish the final soil removal to a depth of 42 feet.

The excavation was closed by grouting the area beneath the tower with concrete. The main excavation was backfilled with soil from the caliche pit identified in the remedial plan.

A 30-millimeter thick synthetic liner was installed over a clay layer at the top of the backfilled excavated area and sloped away from the tower for drainage. Another clay layer was spread on top of the liner and capped with caliche pavement.

A total of 1,457 cubic yards of soil were removed from the cooling tower area. Seventy-seven cubic yards of soil were removed from areas containing EP Toxicity chromium greater than 5 milligrams per liter (mg/L) and transported to a hazardous waste disposal facility in Carlyss, Louisiana. The remaining excavated soils, some 1,372 cubic yards, did not contain hazardous levels of chromium and were transported to the Rio Rancho Sanitary Landfill near Albuquerque, New Mexico. Approximately \$600,000 was expended on remediation and soil disposal.

INTRODUCTION

This report documents the remedial activities conducted in the area adjacent to and beneath the cooling tower at the Lea Refinery on State Highway 18 south of Lovington, Lea County, New Mexico. A location map and site plan may be found on Figures 1 and 2, respectively. Site photographs may be found in Appendix A. The Lea Refinery was formerly owned and operated by Southern Union Company of Dallas, Texas. The property was purchased by The Holly Corporation (Navajo Refining), also of Dallas, in 1989. The refinery is not in operation at this time.

The cooling tower operation from 1974 to 1981 involved the use of zinc chromate solution for corrosion and bacteriological control. The solution was stored in an aboveground

storage tank adjacent to the cooling tower. Levels of chromium above background were identified in the soils near this tank.

Southern Union Company employed Geraghty & Miller, Inc. (G&M), formerly Reed and Associates, to oversee characterization sampling of the soils near the cooling tower. Chemical Waste Management, Inc. (CWMI) and their subcontractor Western Technologies, Inc. performed the initial characterization sampling of the soils.

G&M developed a remedial plan, dated August 1, 1989, for the cooling tower soils at the request of Southern Union. The plan was submitted to the New Mexico Environmental Improvement Division (EID). CWMI was contracted by Southern Union to excavate and properly dispose of chromium impacted soils in accordance with the remedial plan. G&M provided input for identification of areas to be excavated as remediation progressed. This input included control of the confirmation soil sampling and analyses used to direct the steps of the removal process. Excavated materials were characterized for waste disposal and transported to EID approved landfill facilities by TAD Trucking of Hobbs, New Mexico. A total of 1,380 cubic yards of soils were transported to the Rio Rancho Sanitary Landfill near Albuquerque, New Mexico and a total of 77 cubic yards were taken to the Chemical Waste Management, Inc. hazardous waste landfill at Carlyss, Louisiana.

SITE SUBSURFACE CHARACTERISTICS

The subsurface materials in the area of the cooling tower include caliche, silt, sand and clay. A thin 0 to 1 foot layer of sandy soil exists at the surface. This soil is underlain by caliche that extends to a depth of about 16 feet. The caliche is indurated in the upper 3 to 8 feet and difficult to excavate. Below this level, the caliche is less hard and contains sand and silt.

The caliche grades into a layer of intermixed silt and fine sand sediment. This silt and sand is interrupted by lenses of soft plastic clay from 5 to 20 feet in depth. Below 20 feet, fine unconsolidated to friable sand is found in lenses interfingered with cemented sandstone.

This material was found to at least 42 feet, the maximum depth of excavation at the cooling tower.

Ground water at the cooling tower site is found at a depth of approximately 79 feet. A separate ground water report authored by Pilko & Associates, Inc. will be submitted separately. This report is entitled "Environmental Sampling and Testing of Soils and Groundwater at Selected Locations, Lovington, New Mexico Refinery".

REMEDIAL METHODOLOGY

The G&M cooling tower remedial plan, dated August 1, 1989, identified three areas of chromium contaminated soils. The remediation of the cooling tower followed the procedure proposed in the plan. The plan called for the excavation of the contaminated soils in three steps:

Step 1: Excavate by backhoe the yellow stained soils in the area near the north wall of the cooling tower as delineated by a 5 milligram per liter (mg/L) chromium EP Toxicity contour line on Figure 3 of the remedial plan.

Step 2: Excavate the surface soils by scraping the areas surrounding the cooling tower with a front-end loader. These soils are delineated on Figure 4 of the remedial plan.

Step 3: Excavate the area near the north wall of the cooling tower as delineated by D5, D6, and E5 on Figure 6 of the remedial plan.

The figures mentioned in the steps above may be found in Appendix B.

The remedial plan also described supplemental investigation and remediation beneath the cooling tower if warranted. Step 3 indicated that soils beneath the tower were impacted.

A soil boring program beneath the cooling tower delineated a small quantity of

contaminated soil. The remedial plan was expanded to include a fourth step to address these impacted soils. This step involved excavation by trackhoe and through a unique soil vacuum extraction method.

Step 1 soils were disposed of at an approved hazardous waste disposal facility located in Carlyss, Louisiana. Step 2 and Step 3 soils were sampled for EP Toxicity chromium to verify the non-hazardous character as indicated by earlier delineation and were disposed of at an authorized non-hazardous waste landfill. Step 4 soils were sampled for EP Toxicity and disposed of according to this waste characterization and Toxicity Characteristic Leachate Procedure (TCLP) parameters.

HEALTH & SAFETY PLAN

The Health & Safety Plan for the Lea Refinery cooling tower remedial program was provided by CWMI. A copy of the CWMI Environmental Management Department Approval Package can be found in Appendix C along with copies of the Daily Safety Briefing Reports.

The companies and all personnel directly involved with the Lea Refinery cooling tower remediation are listed below. Not all of the listed personnel were involved in the excavation process.

Chemical Waste Management, Inc.

Don Shosky

Bob Hulet

Larry Youngless

Dan Oskarson

John Meier

Darrell Hellman

Manuel Hoyos

Shawn Nay
Geraghty & Miller, Inc.
Allan Schmidt
Steve Tischer
Miller Pipeline Corporation
Darrin Unger
Tim Reily

Copies of the Certificates of Completion for health and safety requirements of the 29 CFR 1910.120 OSHA/RCRA Off-Site Safety Training 40 Hour Course may be found in Appendix C for the various personnel directly involved with the excavation process.

The Lea Refinery is totally enclosed by a security fence with locking gates. These gates were secured and locked at the end of each work day. Additional security provisions included the use of caution tape around the perimeter of the cooling tower and the use of the heavy machinery to block any access to the excavation.

The walls of the excavation (Step 3) were inclined to OSHA requirements before any personnel entered the area. Shoring was constructed according to a plan developed by a civil engineer with Parkhill, Smith & Cooper (PS&C) of Lubbock, Texas. The shoring and bracing were placed in the excavation by CWMI personnel. The majority of the shoring protected the excavation's south wall below the cooling tower from possible soil failure. An additional shoring wall was constructed along the west wall of the excavation where a sloped wall was not possible. After the shoring was in place the PS&C engineer inspected the structure.

A system of fire hydrants exist around the cooling tower. The fire hydrants were charged every working day by turning on a 50 horsepower pump located at the refinery. The water from the hydrants was used periodically for dust abatement.

There were no incompatible materials handled during this remediation program.

There was a telephone accessible at the Lea Refinery office which was approximately oneeighth mile away. Also, a siren is centrally located on the facility and may be used in case of emergency.

FIELD PROGRAM

A complete chronology of remediation activities is summarized in Appendix D. The discussion below outlines the procedures followed in the field program.

Excavation (Steps 1, 2 & 3)

The excavation of Step 1 soils was conducted March 5-8, 1990 (Figure 3, Photograph 1). The yellow stained soils were stockpiled east of the cooling tower and covered. The maximum depth of the excavation was 3.5 feet. The volume of soil excavated was 77 cubic yards. This material was considered hazardous and segregated from other soils for disposal at the Carlyss, Louisiana landfill.

The Step 2 excavation, scraping of soils around the tower, began on March 8, 1990 and was completed on March 26th (Figures 3 and 4, Photograph 2). The maximum excavation depth was 2 feet. The volume of soil excavated was 601 cubic yards. The excavated soils were stockpiled on plastic sheeting north of the Step 1 soils.

The deep Step 3 excavation was conducted on March 12, 1990 (Figure 4, Photograph 3). The soils were removed to a depth ranging from 18 to 19 feet. The volume of soil excavated was 717 cubic yards. These soils were stockpiled on plastic sheeting north of the Step 2 soils.

Soil samples were taken during and after completion of the excavation steps. This

confirmation sampling was done to determine if the soil removal was proceeding to the proper width and depth to remove all hazardous soils and/or those containing non-hazardous chrome above background levels. In several areas, this process was repeated as many as 3 times to assure that all of the impacted materials were removed.

The Step 1 soil stockpile was considered hazardous based on previous chemical analyses. For this reason, a composite sample was not collected. Steps 2 and 3 soils were stockpiled and representative composite samples were collected for analysis. Representative samples of excavated soils were collected for every 200 cubic yards.

The Step 3 excavation revealed some yellow staining along the south face. A soil sample, SCT-1, collected on February 12, 1990, prior to Step 3 did not reveal chromium contamination below the cooling tower near the surface. Following Step 3 excavation, angle borings were drilled to determine the extent of impacted soils beneath the cooling tower.

Angle Borings

A drilling program was initiated following the completion of Step 3 excavation to delineate the area of impacted soils beneath the cooling tower. Eight angle borings, BD-1 thru BD-8 were drilled beneath the cooling tower and soil samples were collected and analyzed for total and EP Toxicity chromium (Photograph 4). BD-1 thru BD-4 were drilled March 27-29, 1990 and borings BD-5 thru BD-8 were drilled June 26-29, 1990. The drilling was performed by Southwestern Laboratories under the direction of G&M.

Boring locations and orientations were designed to give the best maximum coverage of the cooling tower subsurface (Figure 5). Hollow stem augers were advanced and 4-inch diameter continuous core samples were collected and analyzed.

Drilling equipment was decontaminated between borings. Stainless steel sampling equipment was decontaminated between sample intervals. All borings were grouted to the

surface with neat cement following completion.

The borings were advanced to vertical depths ranging from 28 to 48 feet. Boring angles of depression ranged from 45 to 75 degrees. Lithologic information obtained from the borings indicates that caliche varies from 5 to 16 feet in thickness below the tower. The caliche is underlain by silts and/or clays. Sands were encountered at depths ranging from 12 to 20 feet. Ground water was not encountered in any of the borings. Boring logs can be found in Appendix E.

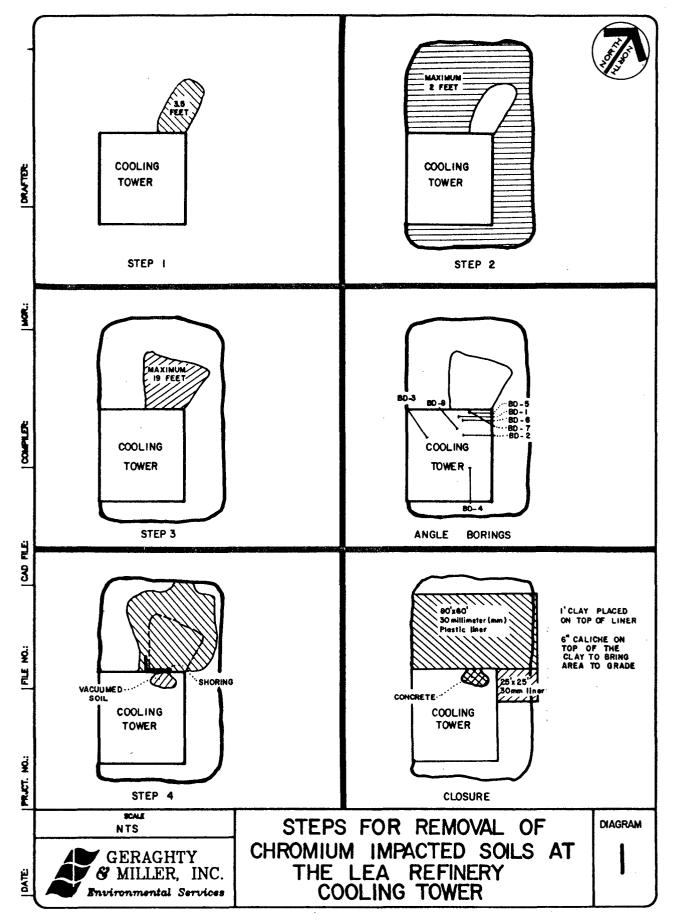
Samples from the boring program indicated some chromium impacted sediments beneath the tower. Chromium EP Toxicity levels above 5 mg/L were encountered in borings BD-1 and BD-5. A plan for removal of these impacted soils from beneath the cooling tower was engineered by CWMI with input from G&M. Step 4 excavation followed this plan.

Excavation (Step 4)

On August 29, 1990, the walls of the Step 3 excavation were cut back to a 3:1 slope to meet U.S. Occupational Safety & Health Administration (OSHA) requirements (Photograph 5 and 6). The Step 3 excavation was shored according to OSHA standards and inspected on September 7, 1990 by Mr. Michael Cartwright, a professional engineer with Parkhill, Smith and Cooper of Lubbock, Texas.

A unique soil vacuum process (vac-hoe) was used to keep the removal of soil below the tower to a minimum to prevent structural damage. This system employs compressed air to break loose unconsolidated and friable sediments which are then brought to the surface with a vacuum line. A minimum amount of unimpacted soil was removed, thus limiting the need for special support structures.

Vacuum extraction of the Step 4 soils was conducted during the period September 10-19, 1990 by CWMI subcontractor, Miller Pipeline Corporation (Photographs 7, 8 and 9). A



window was opened in the south face of the Step 3 excavation and the impacted soils were located by following the grouted boreholes from the exploratory phase. This operation continued to a depth of 35 feet where clays were encountered. These clays could not be vacuumed out and a trackhoe was brought in to complete the excavation. Excavation of Step 4 soils was completed by trackhoe on October 4, 1990 (Figure 5). The maximum depth of the excavation was 1 foot below the bottom of boring BD-5 at a depth of 42 feet. Confirmation samples were collected during the Step 4 excavation. Confirmation samples were analyzed for EP Toxicity, TCLP, and total chromium. Stockpile samples were analyzed for EP Toxicity and TCLP chromium.

Soil Sampling

Excavation and stockpile soil samples were collected by Geraghty & Miller personnel using clean stainless steel sampling equipment (trowel and hand auger). Angle boring samples consisted of near-surface auger cuttings followed by continuous cores. The angle boring samples were collected in 5 foot intervals and composited into one sample container. Step 1, 2, 3 and 4 excavation soil samples were collected from a depth of about 6 inches in the sidewalls and the excavation floors. Stockpile soil samples were collected for approximately every 200 yards for each stockpile from Steps 2, 3 and 4. The stockpile samples were collected by digging into the pile to a depth of about 1 foot at randomly spaced locations and composited in one sample container. A total of 42 excavation (Table 1), 10 stockpile (Table 2) and 41 angle boring (Table 3) samples were collected and analyzed.

Samples were placed in polyethylene or glass jars with teflon lined caps, labeled and sealed. Samples were shipped to Southwestern Laboratories facilities in Midland and Dallas, Texas via overnight mail for analysis. Quality control and chain of custody procedures were employed. Soil samples were analyzed for EP Toxicity and total chromium. Step 4 excavation and stockpile soil samples were analyzed for EP Toxicity, TCLP and Total chromium. Laboratory analyses can be found in Appendix F. A diagram presenting each of the steps involved may be seen on the following page.

RESULTS

Step 1

Eight grab and two composite samples were collected for confirmation of the Step 1 excavation (Figure 3, Table 1). Wall samples S-CT1 and S-CT2 were collected on February 12, and March 7, 1990, respectively, at depths of 2 to 3 feet below grade and 3 to 23 inches into the wall below the cooling tower. S-CT1 and S-CT2 were analyzed for EP Toxicity and total chromium. EP Toxicity chromium values were less than detection limits of 1 mg/L for both samples. Total chromium concentrations ranged from less than 20 milligrams per kilogram (mg/kg) to 37 mg/kg. Eight floor samples, S-CT3 thru S-CT10, were collected on March 8, 1990 and analyzed for EP Toxicity chromium. The sample depths ranged from 1 to 3.5 feet. EP Toxicity chromium results ranged from less than 1 mg/L (detection limit) to a high of 1.5 mg/L (S-CT9).

A total of 77 cubic yards of soil were excavated in Step 1. The excavated material was considered to be hazardous based on earlier sample analyses. No stockpile samples were obtained.

Step 2

A total of 14 grab samples were collected and analyzed for confirmation of the Step 2 excavation (Table 1). Six samples, S-CT11 thru S-CT16 were obtained on March 9, 1990 and analyzed for total chromium (Figure 3). The results ranged from 57 to 404 mg/kg chromium for depths ranging from 6 to 10 inches. Additional scraping was conducted and samples S-CT11B through S-CT16B were collected on March 16, 1990 and analyzed for EP Toxicity and total chromium (Figure 4). EP Toxicity results for all samples were less than the laboratory detection limit of 0.1 mg/L for chromium. Total chromium values ranged from 18 to 36 mg/kg. The depths of the March 16 samples ranged from 1 to 1.5 feet below original grade. The final confirmation samples, S-CT12C and S-CT13C were collected on

March 26, 1990 after additional scraping down to depths of 1.5 to 2 feet (Figure 4). Total chromium results were 17.7 mg/kg and 22.0 mg/kg.

A total of 601 cubic yards of soil was excavated from the Step 2 area. One stockpile sample, S-CT17, was collected on March 13 and analyzed for EP Toxicity and total chromium. The EP Toxicity concentration was less than 0.5 mg/L (detection limit) and total chromium measured 844 mg/kg. Two additional stockpile samples, S-CT31 and S-CT32, were collected on March 23 and March 26, respectively, and analyzed for EP Toxicity and total chromium. Sample S-CT31 results were 2.29 mg/L (EP Toxicity) and 78.0 mg/kg (total) chromium. Sample S-CT32 results were 1.44 mg/L (EP Toxicity) and 51.5 mg/kg (total) chromium (Table 2).

Step 3

Ten soil samples, S-CT20 thru S-CT29, were collected on March 13, 1990 and analyzed for confirmation of the Step 3 excavation (Figure 4, Table 1). All samples were analyzed for EP Toxicity and total chromium. Composite wall samples were collected from each wall at depths of 8 feet and 15 feet. The eight wall sample EP Toxicity results ranged from less than 1.0 mg/L up to 1.6 mg/L and total chromium ranged from 8.2 mg/kg to 61.0 mg/kg. Two floor samples, S-CT22 and S-CT27 were collected at depths of 18 and 19 feet. EP Toxicity results were less than 1.0 mg/L for both samples. Total chromium results were 15.0 mg/kg (S-CT22) and 5.7 mg/kg(S-CT27).

A total of 717 cubic yards of soil were excavated in Step 3. Three stockpile samples, S-CT18, S-CT19 and S-CT30, were collected on March 13. The samples were analyzed for EP Toxicity and total chromium (Table 2). EP Toxicity results were less than 1.0 mg/L for all three samples. Total chromium ranged from 33 to 61 mg/kg for the Step 3 stockpile soils.

Angle Borings

A total of 41 soil boring samples were collected from borings (BD-1 thru BD-8) during March 27-29 and June 26-29, 1990 and analyzed for EP Toxicity and total chromium (Table 3). Total chromium results ranged from less than laboratory detection limits of 5 mg/kg to a high of 76.8 mg/kg. EP Toxicity chromium results ranged from less than 0.30 mg/L (detection limit) to a high 8.90 mg/L. EP Toxicity chromium concentrations greater than 5 mg/L were found in borings BD-1 and BD-5. Samples BD-1 (27-32') and BD-5 (39-44') had EP Toxicity chromium concentrations of 6.60-8.90 and 6.48 mg/L, respectively. The locations of BD-1 (27-32') and BD-5 (39-44') are shown in Figure 5. The results of the chemical analyses can be found in Table 3. Additional excavation was conducted in Step 4 based on these sample results.

Step 4

A total of eight grab soil samples were collected from September 11 to October 4, 1990 and analyzed for EP Toxicity, TCLP and total chromium for confirmation of the Step 4 excavation (Figure 5, Table 1). Confirmation samples, S-CT36 and S-CT37 were collected on September 11 after excavation in the area of BD-1. S-CT36 results were 4.0 mg/L (EP Toxicity), 3.12 mg/L (TCLP) and 38 mg/kg (total) chromium. S-CT37 results were 4.1 mg/L (EP Toxicity), 2.46 mg/L (TCLP) and 51.5 mg/kg (total) chromium. Samples S-CT39 and S-CT40 were collected on September 15 after excavating around BD-6. S-CT39 results were 3.76 mg/L (EP Toxicity) and 3.73 mg/L (TCLP). S-CT40 results were 1.91 mg/L (EP Toxicity) and 1.42 mg/L (TCLP) chromium. Total chromium concentrations for S-CT39 and S-CT40 were 10 mg/kg and 25 mg/kg, respectively. Samples S-CT41 and S-CT42 were collected on September 19 after excavating down to a zone approximately 1 foot above BD-5 soils with EP Toxicity chromium concentrations greater than 5 mg/L. S-CT41 results were 4.21 mg/L (EP Toxicity) and 2.50 mg/L (TCLP) chromium. S-CT42 results were 3.58 mg/L (EP Toxicity) and 2.15 mg/L (TCLP) chromium. On October 4, 1990, final confirmation samples S-CT45 and S-CT46 were collected below BD-5 after excavation of the soils with

EP Toxicity chromium concentrations greater than 5 mg/L. Sample S-CT45 results were 0.14 mg/L (EP Toxicity), less than 0.05 mg/L (TCLP) and less than 5 mg/kg (total) chromium. Sample S-CT46 results were 0.32 mg/L (EP Toxicity), less than 0.05 mg/L (TCLP) and less than 5 mg/kg (total) chromium.

A total of 62 cubic yards of Step 4 soils were excavated. Four stockpile samples, S-CT35, S-CT38, S-CT43 and S-CT44 were collected on September 11-12 and 19, and October 4, 1990. The stockpile samples were analyzed for EP Toxicity and TCLP chromium (Table 2). The EP Toxicity results ranged from less than 0.1 mg/L up to 1.87 mg/L chromium. The TCLP results ranged from 0.16 mg/L to 1.68 mg/L.

Backfill Operations

Backfilling operations began on October 5, 1990 and were completed on October 10, 1990. The Step 4 excavation beneath the cooling tower was filled with concrete. Shoring was removed and the Step 3 excavation was backfilled with clean fill from a borrow pit located southwest of the site. The fill was brought up to within 2 feet of the original grade. The Step 2 shallow excavation was backfilled to original grade. A one foot layer of clay was placed over the Step 1 and 3 areas. A 30-mil synthetic liner was placed over the clay (Photograph 10). Another one foot of clay was placed over the liner. Six inches of caliche pavement were placed over the clay (Photograph 11). The cap measured 25 feet by 25 feet along the east side and 60 feet by 80 feet along the north side of the cooling tower.

Soil Disposal

Excavated soils from Steps 2, 3 and 4 were characterized as non-hazardous chromium contaminated soils and written approval was received from the New Mexico EID for disposal of the soils at the Rio Rancho sanitary landfill located near Albuquerque, New Mexico (Appendix G). TAD Trucking of Hobbs, New Mexico, loaded and transported 1,380 cubic yards of non-hazardous Steps 2, 3 and 4 soils during the periods of March 20-22,

April 13-16 and October 9, 1990 to the Rio Rancho sanitary landfill (Photograph 12). Non-hazardous Special Waste Manifests are in Appendix G.

Step 1 excavated soils were transported off-site for disposal to Chemical Waste Management's Carlyss, Louisiana disposal facility on April 20, 1990. TAD Trucking of Hobbs, New Mexico, loaded and transported 77 cubic yards of hazardous Step 1 soils to this CWMI facility. Uniform Hazardous Waste Manifests for the Step 1 soils are in Appendix G.

EP Toxicity values for the stockpile composite samples ranged from less than laboratory detection limits of 0.1 mg/L to a high of 2.29 mg/L chromium. Total chromium values ranged from 19 mg/kg to 844 mg/kg. Step 4 stockpile soils TCLP chromium results ranged from 0.16 to 1.68 mg/L. A summary of soil stockpile analyses can be found in Table 2.

CONCLUSIONS

The remedial activities at the Lea Refinery cooling tower are completed. The remedial plan of August 1989 was expanded to include the removal of chromium impacted soils beneath the tower. These soils were delineated in an angle hole drilling program which involved the installation of eight boreholes beneath the tower.

All identified soils containing levels of EP Toxicity chrome above 5 mg/L were removed from beneath and around the cooling tower. Additional soils containing non-hazardous levels of chrome were also removed. Extensive sampling of the deep soils remaining beneath the cooling tower indicated no total chromium levels above 38 mg/kg. One shallow soil confirmation sample, S-CT23, measured 61 mg/kg total chromium. This sample was collected from a well-indurated caliche zone along the south face of the Step 3 excavation at a depth of 8 feet. These soils could not be removed without risking damage to the tower structure and the safety of the workers in the excavation.

A cap was installed over the area of the excavation and the surface pavement sloped away from the cooling tower. This cap should effectively prevent the subsurface infiltration of rainfall in the area of the tower.

All excavated soils were transported from the site and properly disposed of in approved landfills.

Respectfully submitted,

GERAGHTY & MILLER, INC.

alla T. Achmid

Steve Maryn/cB

Geologist

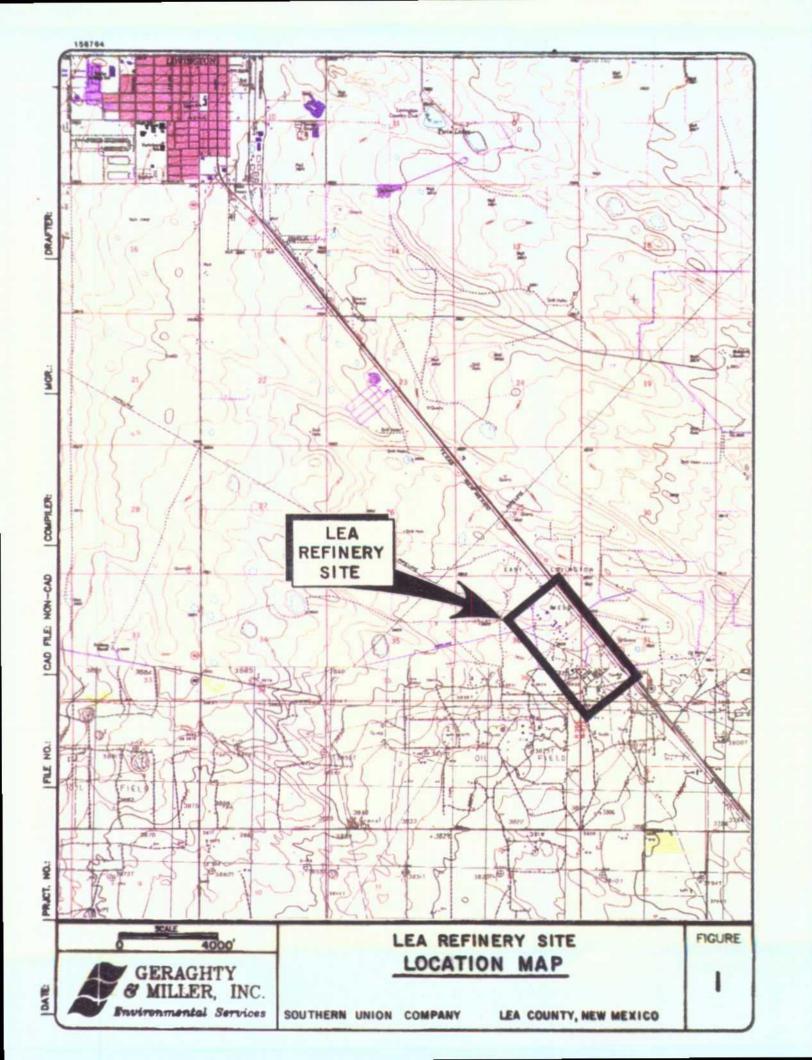
Steven P. Tischer Staff Geologist

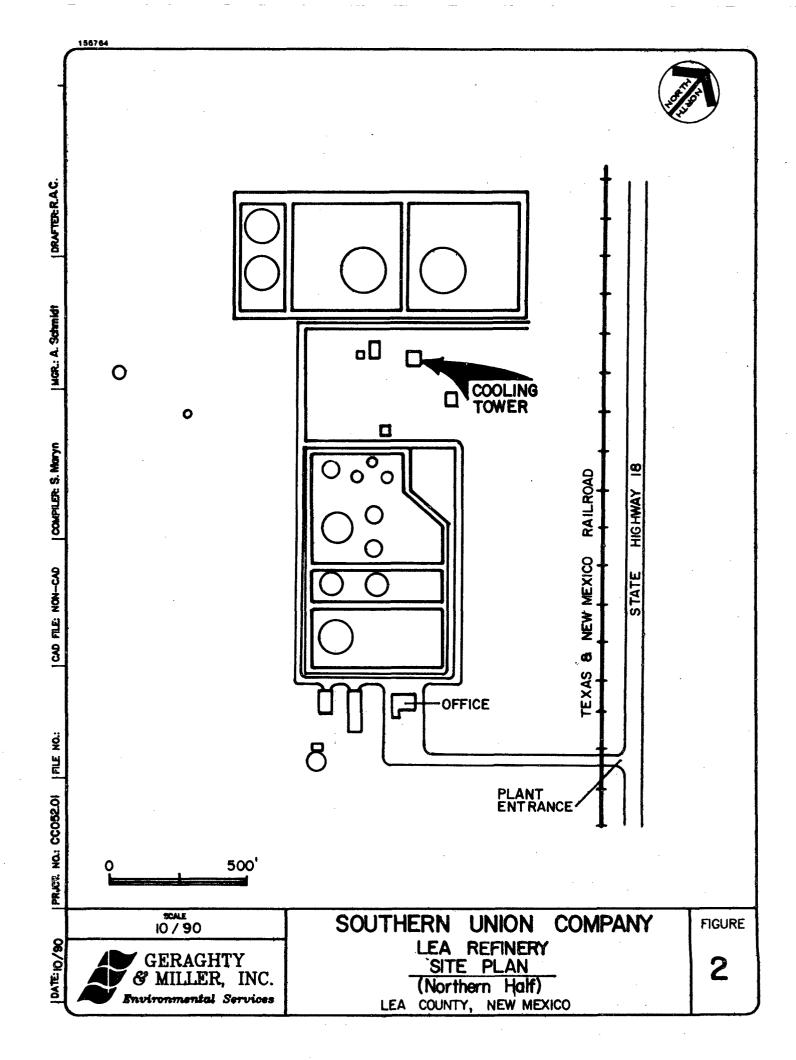
Allan T. Schmidt Project Manager

Anchor E. Holm, P. E.

Office Manager/Associate

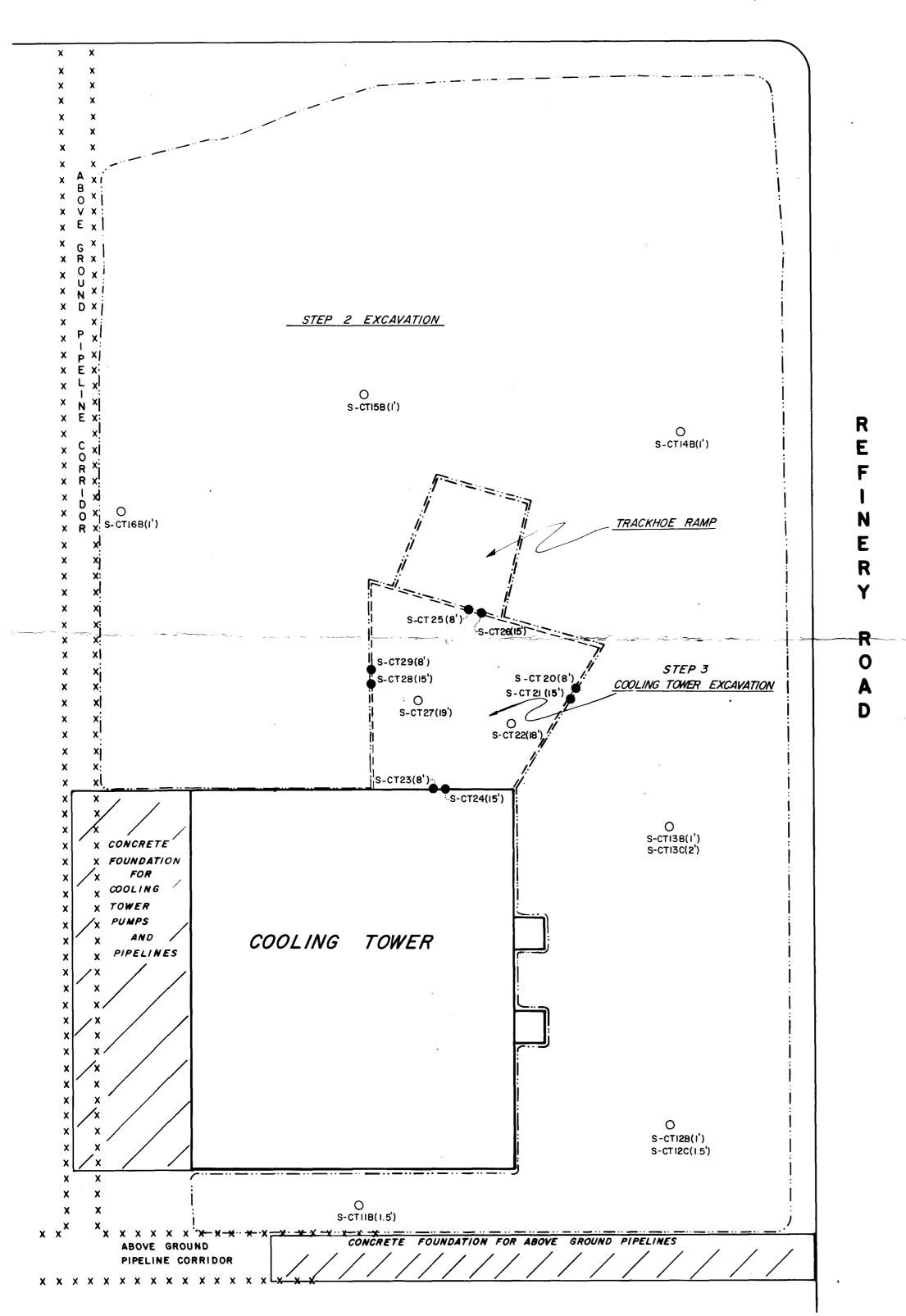
ATS/clb











	-	SOIL ANALYTICA	L DATA		
	STEP	2 EXCAVATION CO	NFIRMATION		
				CHROMIUM	
DATE SAMPLED	SAMPLE I.D.	SAMPLE DEPTH ft.	EP TOX mg/L	TCLP mg/L	TOTAL mg/kg
03-19-90	S-CT11B	1.5	<0.1		18
03-19-90	S-CT12B	1	<0.1		26
03-19-90	S-CT13B	1	<0.1		36
03-19-90	S-CT14B	1	<0.1		19
03-19-90	S-CT15B	1	<0.1		18
03-19-90	S-CT16B	1	<0.1		25
03-26-90	S-CT12C	1.5			17.7
03-26-90	S-CT13C	2			22.0

				CHROMIUM	
DATE SAMPLED	SAMPLE I.D.	SAMPLE DEPTH ft.	EP TOX mg/L	TCLP mg/L	TOTAL
03-13-90	S-CT20	8	<1.0		8.2
03-13-90	S-CT21	15	<1.0		9.6
03-13-90	S-CT22	18	<1.0		15
03-13-90	S-CT23	8	<1.0		61
03-13-90	S-CT24	15	1.6		52
03-13-90	S-CT25	8	<0.1		16
03-13-90	S-CT26	15	<0.1		3.2
03-13-90	S-CT27	19	<0.1		5.7
03-13-90	S-CT28	15	<0.1	~	23
03-13-90	S-CT29	8	<0.1		25

LEGEND

STEP 2 EXCAVATION (MAXIMUM DEPTH 2 FEET)

STEP 3 EXCAVATION (MAXIMUM DEPTH 19 x FEET)

SOIL SAMPLE (FLOOR SAMPLE WITH DEPTH INDICATED)

SOIL SAMPLE (WALL SAMPLE WITH DEPTH INDICATED)

GERAGHTY
& MILLER, INC.

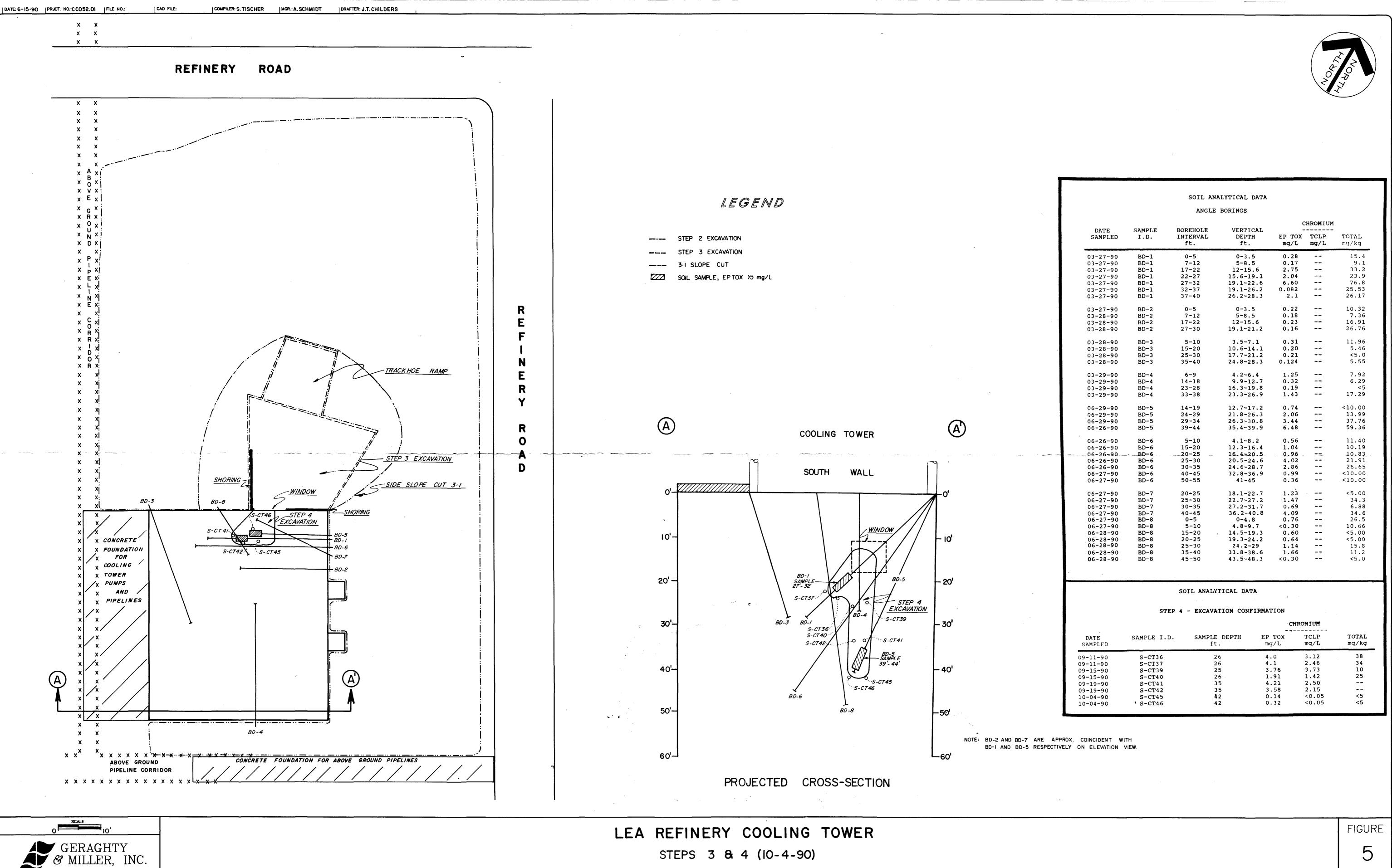
Environmental Services Environmental Services

LEA REFINERY COOLING TOWER

STEPS 2 & 3 (3-23-90)

LEA COUNTY, NEW MEXICO

FIGURE



Environmental Services



TABLE 1
SOIL CONFIRMATION ANALYSES

				BELOW GROUND	C		
			STEP	LEVEL			
DATE SAMPLED	SAMPLE I.D.	TYPE/DEFINITION	LOCATION	DEPTH (ft.)	EP TOX	TCLP	TOTAL
02-12-90	s-ct-1	CONFIRMATION	1	2	<1		<20
03-07-90	S-CT-2	CONFIRMATION	1	3	<1		37
03-08-90	S-CT-3	CONFIRMATION	1	3.5	1.3	••	
03-08-90	S-CT-4	CONFIRMATION	1	2	<1		••
03-08-90	S-CT-5	CONFIRMATION	1	2.5	<1		••
03-08-90	S-CT-6	CONFIRMATION	1	1.5	<1		••
03-08-90	s-ct-7	CONFIRMATION	1	2	<1		••
03-08-90	S-CT-8	CONFIRMATION	1	3	<1		
03-08-90	s-ct-9	CONFIRMATION	1	1	1.5		
03-08-90	s-ct-10	CONFIRMATION	1	. 1	<1		••
03-09-90	S-CT-11	CONFIRMATION	2	0.8			57
03-19-90	S-CT-11B	CONFIRMATION	2	1.5	<0.1		18
03-09-90	S-CT-12	CONFIRMATION	2	0.7			122
03-19-90	S-CT-12B	CONFIRMATION	2	1	<0.1	••	26
03-26-90	S-CT-12C	CONFIRMATION	2	1.5			17.7
03-09-90	S-CT-13	CONFIRMATION	2	0.7			261
03-19-90	S-CT-13B	CONFIRMATION	2	1	<0.1		36
03-26-90	S-CT-13C	CONFIRMATION	2	2	•• ,		22.0
03-09-90	S-CT-14	CONFIRMATION	2	0.7	••		404
03-19-90	S-CT-14B	CONFIRMATION	2	1	<0.1		19
03-09-90	S-CT-15	CONFIRMATION	2	0.5			102
03-19-90	S-CT-15B	CONFIRMATION	2	1	<0.1		18
03-09-90	S-CT-16	CONFIRMATION	2	0.5		••	58
03-19-90	S-CT-16B	CONFIRMATION	2	1	<0.1		25
03-13-90	S-CT-20	CONFIRMATION	3	8	<1.0		8.2
03-13-90	S-CT-21	CONFIRMATION	3	15	<1.0	••	9.6
03-13-90	S-CT-22	CONFIRMATION	3	20	<1.0		15
03-13-90	S-CT-23	CONFIRMATION	3	8	<1.0		61
03-13-90	S-CT-24	CONFIRMATION	3	15	1.6		52
03-13-90	S-CT-25	CONFIRMATION	3	8	<1.0	• • •	16
03-13-90	S-CT-26	CONFIRMATION	3	15	<1.0	••	3.2
03-13-90	S-CT-27	CONFIRMATION	3	21	<1.0		5.7
03-13-90	S-CT-28	CONFIRMATION	3	15	<1.0	••	23
03-13-90	S-CT-29	CONFIRMATION	3	8	<1.0		25

TABLE 1

SOIL CONFIRMATION ANALYSES

			STEP	BELOW GROUND LEVEL	CHROMIUM		
DATE SAMPLED	SAMPLE I.D.	TYPE/DEFINITION	LOCATION	DEPTH (ft.)	EP TOX	TCLP	TOTAL
09-11-90	s-ct-36	CONFIRMATION/FOR BD-1	4	26	4.0	3.12	38
09-11-90	S-CT-37	CONFIRMATION/FOR BD-1	4	26	4.1	2.46	34
09-15-90	S-CT-39	CONFIRMATION/FOR BD-6	4	25	3.76	3.73	10
09-15-90	S-CT-40	CONFIRMATION/FOR BD-6	4	26	1.91	1.42	25
09-19-90	S-CT-41	CONFIRMATION/ABOVE BD-5	4	-35	4.21	2.50	
09-19-90	S-CT-42	CONFIRMATION/ABOVE BD-5	4	35	3.58	2.15	
10-04-90	S-CT-45	CONFIRMATION/FOR BD-5	4	42	0.14	<0.05	<5
10-04-90	S-CT-46	CONFIRMATION/FOR BD-5	4	42	0.32	<0.05	<5

^{1 -} STEP 1 EXCAVATION

^{2 -} STEP 2 EXCAVATION

^{3 -} STEP 3 EXCAVATION

^{4 -} STEP 4 EXCAVATION

TABLE 2

SOIL STOCKPILE CHEMICAL ANALYSES

			STEP	BELOW GROUND LEVEL	CHROMIUM		
DATE SAMPLED	SAMPLE I.D.	TYPE/DEFINITION	LOCATION	DEPTH (ft.)	EP TOX	TCLP	TOTAL
03-13-90	s-cr-17	STOCKPILE	2	NA	<0.5	••	844
03-23-90	S-CT-31	STOCKPILE/B-SAMPLES	2	NA	2.29		78.0
03-26-90	s-ct-32	STOCKPILE/C-SAMPLES	2	NA	1.44		51.5
03-13-90	S-CT-18	STOCKPILE	3	· NA	<1.0		61
03-13-90	S-CT-19	STOCKPILE	3	NA	<1.0		19
03-13-90	s-CT-30	STOCKPILE	3	NA	<1.0		33
09-11-90	s-ct-35	STOCKPILE/FOR BORING CUTTINGS	4	NA	<0.1	0.25	••
09-12-90	S-CT-38	STOCKPILE/FOR BD-1 & BD-6	4	NA	1.87	1.68	
09-19-90	S-CT-43	STOCKPILE/ABOVE BD-5	4	NA	1.58	0.09	
10-04-90	S-CT-44	STOCKPILE/FOR BD-5	4	NA	0.32	0.16	

^{1 -} STEP 1 EXCAVATION

^{2 -} STEP 2 EXCAVATION

^{3 -} STEP 3 EXCAVATION

^{4 -} STEP 4 EXCAVATION

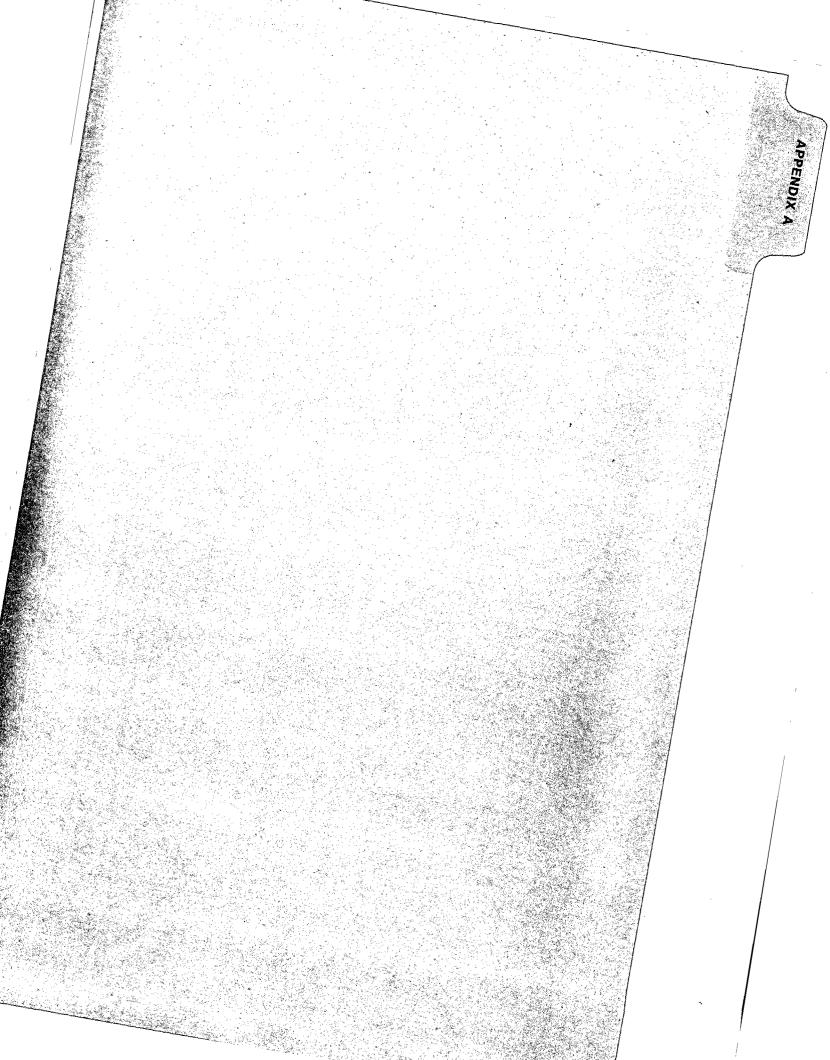
TABLE 3
SOIL BORING CHEMICAL ANALYSES

		GAMES THEFT		M -		
DATE SAMPLED	SAMPLE I.D.	SAMPLE INTERVAL (along borehole) ft.	SAMPLE DEPTH ft.	EP TOX	TCLP mg/L	TOTAL mg/kg
03-27-90	BD-1	0-5	0-3.5	0.28		15.4
03-27-90	BD-1	7-12	5-8.5	0.17		9.1
03-27-90	BD-1	17-22	12-15.6	2.75		33.2
03-27-90	BD-1	22-27	15.6-19.1	2.04		23.9
03-27-90	BD-1	27-32	19.1-22.6	6.60		76.8
03-27-90	BD-1	32-37	19.1-26.2	0.082		25.53
03-27-90	BD-1	37-40	26.2-28.3	2.1	, 	26.17
03-27-90	BD-2	0-5	0-3.5	0.22		10.32
03-28-90	BD-2	7-12	5-8.5	0.18		7.36
03-28-90	BD-2	17-22	12-15.6	0.23		16.91
03-28-90	BD-2	27-30	19.1-21.2	0.16		26.76
03-28-90	BD-3	5-10	3.5-7.1	0.31		11.96
03-28-90	BD-3	15-20	10.6-14.1	0.20		5.46
-28-90	BD-3	25-30	17.7-21.2	0.21		<5.0
93-28-90	BD-3	35-40	24.8-28.3	0.124		5.55
03-29-90	BD-4	6-9	4.2-6.4	1.25		7.92
03-29-90	BD-4	14-18	9.9-12.7	0.32		6.29
03-29-90	BD-4	23-28	16.3-19.8	0.19		<5
03-29-90	BD-4	33-38	23.3-26.9	1.43		17.29
06-29-90	BD-5	14-19	12.7-17.2	0.74		<10.00
06-29-90	BD-5	24-29	21.8-26.3	2.06		13.99
06-29-90	BD-5	29-34	26.3-30.8	3.44		37.76
06-26-90	BD-5	39-44	35.4-39.9	6.48		59.36
06-26-90	BD-6	5-10	4.1-8.2	0.56		11.40
06-26-90	BD-6	15-20	12.3-16.4	1.04		10.19
06-26-90	BD-6	20-25	16.4-20.5	0.96		10.83
06-26-90	BD-6	25-30	20.5-24.6	4.02		21.91
06-26-90	BD-6	30-35	24.6-28.7	2.86		26.65
06-27-90	BD-6	40-45	32.8-36.9	0.99		<10.00
06-27-90	BD-6	50-55	41-45	0.36		<10.00
06-27-90	BD-7	20-25	18.1-22.7	1.23		<5.00
06-27-90	BD-7	25-30	22.7-27.2	1.47		34.3
06-27-90	BD-7	30-35	27.2-31.7	0.69		6.88
06-27-90	BD-7	40-45	36.2-40.8	4.09		34.6
		•				

Page 1

TABLE 3
SOIL BORING CHEMICAL ANALYSES

DATE	SAMPLE	SAMPLE INTERVAL	CHROMIUM				
SAMPLED	I.D.	(along borehole) ft.	SAMPLE DEPTH ft.	EP TOX mg/L	TCLP mg/L	TOTAL mg/kg	
06-27-90	BD-8	0-5	0-4.8	0.76		26.5	
06-27-90	BD-8	5-10	4.8-9.7	<0.30		10.66	
06-28-90	BD-8	15-20	14.5-19.3	0.60		<5.00	
06-28-90	BD-8	20-25	19.3-24.2	0.64		<5.00	
06-28-90	BD-8	25-30	24.2-29	1.14		15.8	
06-28-90	BD-8	35-40	33.8-38.6	1.66		11.2	
06-28-90	BD-8	45-50	43.5-48.3	<0.30		<5.0	

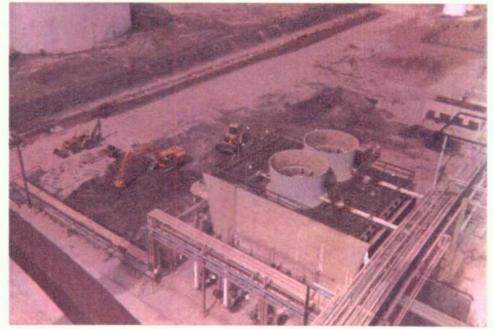


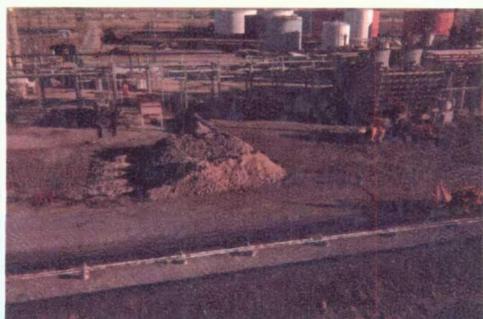
APPENDIX A PHOTOGRAPHS



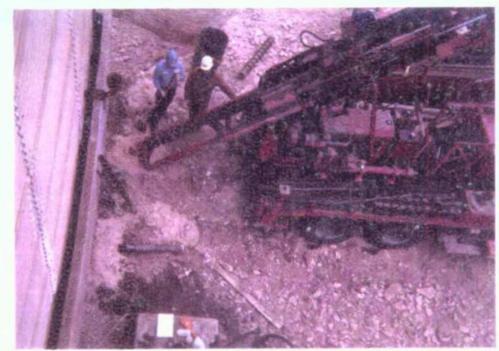
1. STEP 1, EXCAVATION OF STAINED SOILS ALONG NORTH WALL.





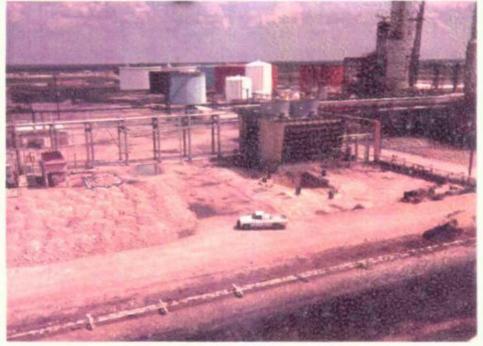


STEP 3, DEEP EXCAVATION, STOCKPILED SOILS, VIEW SOUTH.



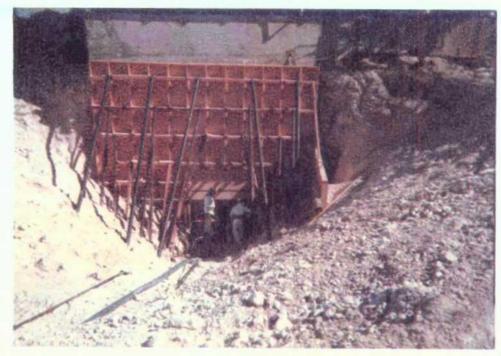
ANGLE BORING BD-1.





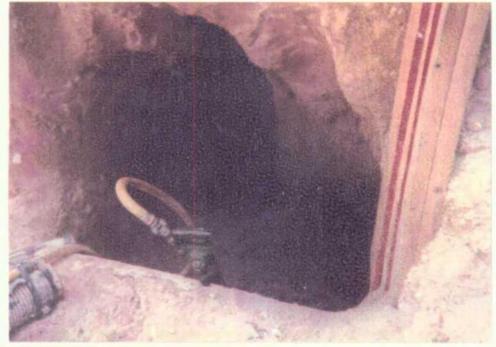


SLOPE CUTS BEFORE SHORING EXCAVATION, VIEW SOUTH.



7. STEP 4, VACUUM EXTRACTION OF SOILS, VIEW SOUTH.







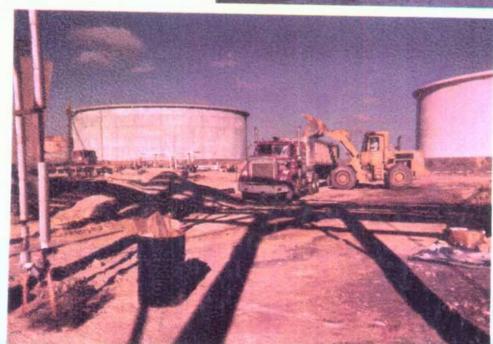
STEP 4, SOIL STOCKPILE.



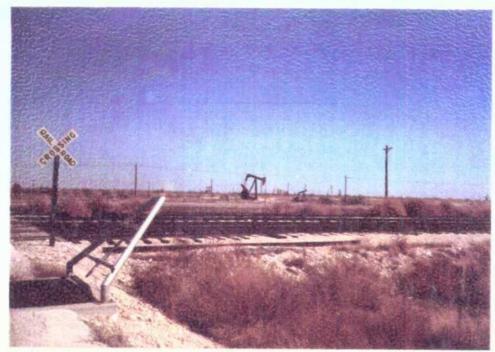
10.
INSTALLATION OF PVC AND CLAY CAP, VIEW SOUTH.

11.
VIEW SOUTH, COMPLETED
CAP ALONG EAST AND
NORTH SIDES.

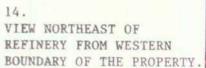




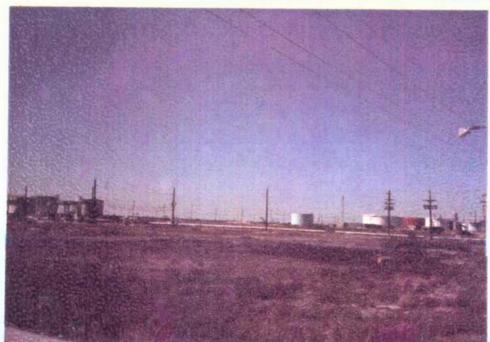
12. LOADING OF SOIL FOR TRANSPORT TO DISPOSAL FACILITY.



13. VIEW EAST FROM SOUTH ENTRANCE TO LEA REFINERY.

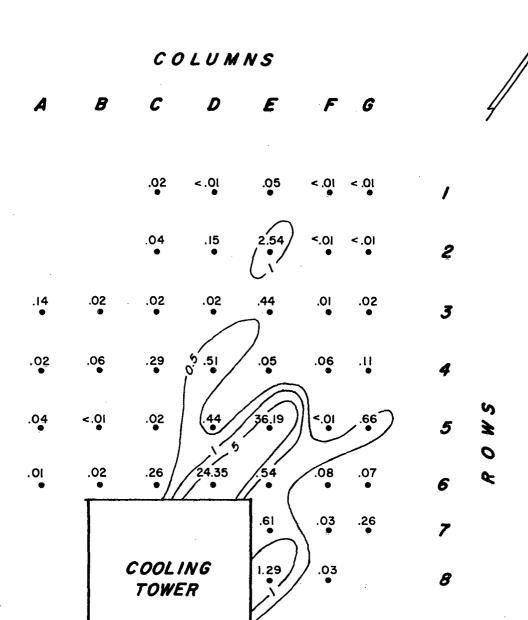






15. VIEW NORTHWEST OF REFINERY FROM THE SOUTHEAST CORNER OF THE PROPERTY.

APPENDIX B REMEDIAL PLAN FIGURES



0 25'

2.54 Value in mg/1.

.03

.32

.08

.09

LEA COUNTY, NEW MEXICO
SOUTHERN UNION COMPANY-LEA REFINERY
EP TOXICITY CHROMIUM CONCENTRATION
SURFACE SAMPLING

9

10

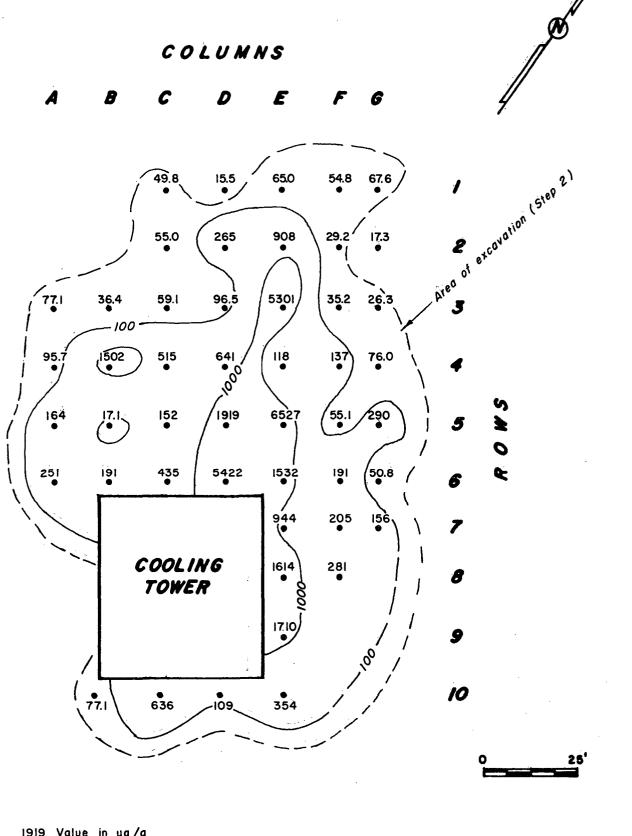


REED & ASSOCIATES, INC.

A Geraghty & Miller Company
HYDROLOGISTS & ENVIRONMENTAL
CONSULTANTS

Data: 7 · 24 · 89 Figure

Figure: 3



1919 Value in ug/g

LEA COUNTY, NEW MEXICO SOUTHERN UNION COMPANY - LEA REFINERY TOTAL CHROMIUM CONCENTRATION MAP, SURFACE SAMPLING

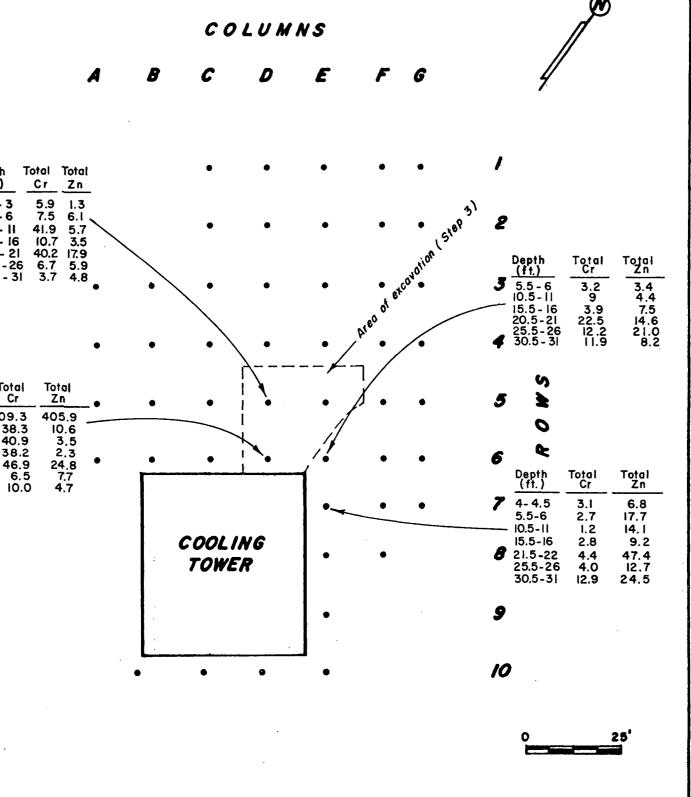


REED & ASSOCIATES, INC.

A Geraghty & Miller Company NYDROLOGISTS & ENVIRONMENTAL CONSULTANTS

Dete: 7 - 25 - 89

Figure :



Depth

(ft.)

2.5 - 3

5.5 - 6

10.5 - 11

15.5 - 16

20.5 - 21

25.5 - 26

30.5 - 31

Total Cr

109.3

38.3

40.9

Depth (ft.)

2.5 - 3

15.5 - 16

20.5-21 25.5-26 30.5-31

L 11

LEA COUNTY, NEW MEXICO SOUTHERN UNION COMPANY-LEA REFINERY TOTAL CHROMIUM and ZINC CONCENTRATION MAP, SUBSURFACE SAMPLING



REED & ASSOCIATES, INC.

A Bereghty & Miller Company NYDROLOGISTS & ENVIRONMENTAL CONSULTANTS

Dete: 7-25-89

Figure :

6

APPENDIX C PERSONNEL HEALTH AND SAFETY DOCUMENTS



CHEMICAL WASTE MANAGEMENT INC. ENVIRONMENTAL MANAGEMENT DEPARTMENT APPROVAL PACKAGE

DIVISION NAME ENRAC-Denver	
PACKAGE PREPARER NAME AND TITLE Larry Y	oungless/ Project Manager
CUSTOMER NAME Southern Union Gas Company	
CUSTOMER ADDRESS Lovington, Taxas , Hi	ghway 18
CUSTOMER CONTACT Russell Russ	PHONE 409-962-8888
START DATE OF PROJECTDURAY	tion of project
NAME AND TITLE OF PROJECT MANAGER	Larry Youngless Bob Hulet
	· Project Managen
COMMENTS	
APPROVED BY (PRINT NAME AND TITLE)	Cheryl A. Grede
APPROVAL SIGNATURE Recy a.	Skede.
Ü	
OTHER APPROVALS REQUIRED	
PRINT NAME AND TITLE	SIGNATURE AND DATE



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PURP			3
STAF			3
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	8.		
	9		
	10.		
	11.		



TITLE

PURPOSE

THIS DOCUMENT DEFINES THE HEALTH, SAFETY AND ENVIRONMENTAL CONSIDERATIONS FOR THE OFFSITE MANAGEMENT OF HAZARDOUS WASTES BY CHEMICAL WASTE MANAGEMENT PERSONNEL AND CONTRACTORS. THIS DOCUMENT IS REQUIRED BY CWM POLICIES AND PROCEDURES AND OSHA 29 CFR 1910.120. THE BASIC REQUIREMENTS FOR THE HEALTH AND SAFETY OF THE PROJECT WORKERS ARE DELINEATED IN THE CWM AND DIVISION HEALTH AND SAFETY PROCEDURES. ALL PERSONNEL ON SITE WILL BE INFORMED ABOUT THE PERTINENT SECTIONS OF THE EMD APPROVAL.

PROJECT STAFFING

PROJECT MANAGER	NAME Larry Youngless Bob Shulet
OPERATIONS MANAGER	NAME Don Shosky
SITE SAFETY OFFICER(S)	NAME Larry Youngless
	NAME
Operator Technician	NAME Carson Miricle John Meier NAME Shawn Nay NAME NAME NAME NAME
	NAME



Areason Pond, Three lack

pala, and Park Bothers Sports

piles. Level a popper

Monistore with Have upgende

if necessary to lacel C.

I. SCOPE OF WORK

CHECK OFF APPROPRIATE CATEGORIES (MORE THAN ONE MAY APPLY)

0	TANK EXCAVATION	0	ONSITE TREATMENT
•	SOIL EXCAVATION	0	CONFINED SPACE
0	POND CLEANUP	0	ASBESTOS
0	BUILDING DECONTAMINATION	Ø	ONSITE STORAGE
0	EQUIPMENT DECONTAMINATION	0	CONSTRUCTION
Ō	DRUM SAMPLING AND MANAGEMENT	0	DEMOLITION
Ö	LAB PACK	0	OTHER
\circ	EMERGENCY RESPONSE		

(BRIEF DESCRIPTION OF PROJECT INCLUDING TYPES OF MAJOR EQUIPMENT TO BE USED, QUANTITIES OF MATERIAL TO BE MANAGED, CONTAMINANTS, NUMBER OF SPECIFIC JOB LOCATIONS (IE. NUMBER OF TANKS, SUMPS, ETC.). DESCRIBE SPECIFIC WORK TASKS.

CVM - ENRAC will excavate and stockpile soils until samples are analyzed. The soils are currently profiled (#MMA02758) for disposal at Waste Management's Fast Oak Landfill in Oxfahoma City, OK. Levels confirmed in profile samples will require modified level D P.P.E. for "non-contact" operations such as back hoe operations and truck drivers. Air will be monitored with HNU to determine if upgrading to level-C P.P.E. is necessary. Upon confirmation of stockpiled soil analysis, soils will be loaded onto end dumps and/or roll off containers for transportation to Fast Oak Landfill. All equipment will be deconed before leaving site.

Rio Rancha / h

The seess excovoted will be backfilled to grade.

Rio Rancho Landfill

Love / C for M goldens cossisted with EP Pox Sheone excevotion 4 Hor Chern Charles Facility

Level & all steps my goade is



SITE LAYOUT (INCLUDE COPY OF SITE MAP INCLUDING OPERATING AREAS)



Exeavations Slip, trip,	fall				
B. CHEMIC TO PACKAGE			AND CONCE ACTION LEVEL	ENTRATIO MSDS AVAIL	NS (ATTACH A LIS' HAZARDS
Genzene Folvene Fotal Xylenes Witrobenzene Wapthalene Ethylbenzene Chromium Cadmium Wickel	1.2 8.0 43.0 1.6 3.3 21.0 33.7 3.83 7.48	10 200ppm 100ppm 1ppm 10ppm 1mg/m³ .2mg/m³	,5ppm 200ppm 50ppm .5ppm 5ppm 50ppm .5ppm any detec	tion	
CARCINOGENS IF YES, LIS REGULATED M IF YES, LIS	Benze	s? o		NO	

** Contaminants identified at back filled separator pond (creckflaw pend)

IF NO, WHY? _



ıı.	HAZARD EVALUATION Cooling Tower Wostes
	A. PHYSICAL HAZARDS (TRENCHES, UTILITIES, TERRAIN, ETC.)
	reary quipment

** B. CHEMICAL CONTAMINANTS AND CONCENTRATIONS (ATTACH A LIST TO PACKAGE IF NECESSARY)

NAME	CONC	TLV/PEL	ACTION LEVEL	MSDS AVAIL	HAZARDS
Antimony Arsenic Cadmium Chromium Copper Lead Nickel Thallium	2.33 19.60 4.83 5440.0 26.80 8.20 5.40 1.45	.5mg/m ³ 10mg/m ³ 1mg/m ³ 1mg/m ³ .05mg/m ³ .1mg/m ³	any Detect .5ug/m³ .5ppm .5mg/m³ .5mg/m³ any detecti .5mg/m³ .5mg/m³		

CARCINOGENS? IF YES, LIST Arsenic, Ca	o admiu	YES m, Chro			 	
REGULATED MATERIALS? IF YES, LIST	0	YES	0	ио		
WASTE PROFILE INCLUDED? IF NO, WHY?	0	YES	0	МО		

^{**}Contaminants identified in cooling tower excavation site



TASK SPECIFIC HAZARDS

	leay Equip
TASK_	Back Hoe Operation
	1. Be aware of workers in area
	2. Check before backing
	be aware of overhead hazards
	4.
	5.
	6.
	/
	,
TASK	Laborer
	1. Stay clear of heavy equipment traffic
	2. stay clear of excavations
	3. slip, trip, fall
	4.
!	5.
1	5.
	·
TASK	
	2.
	3.
4	
	5.
(5.
	· ·
TASK_	
	2.
4	•
	5.
(5
TASK	<u></u>
	•
2	
3	
4	•
5	
•	



III. PROJECT ORGANIZATION

CREW SIZE		1	NUMBER		
CHEMIST TECHNIC SITE SA	FETY OFFICER	· .	1 2 1		
- - -	operator technicians		1 -2 -		
	RS (including				•
West Hazma	t, Inc recessory)	REQUALIFIE	ED ©	YES	O NO
SCOPE O	F WORK Pro	<u>ovide heavy</u>	equipmen	t oper	ator t
<u>excavat</u> <u>trucks</u>	e sorra and scoe	kpile soils	and load	SOIIS	on to
					7:
TRAINING	G REQUIRED	40 hour trai	ning		
CONTRACT	ŗ				
Tad Trucking	g , PR	EQUALIFIED	9 3	YES C	ОИО
	F WORK Provide				
TRAINING	REQUIRED N/	A			
CONTRACT	·				
	naa.	01111 TETER	•	vna	0 110
	PRE	QUALIFIED	O	YES	O NO
SCOPE OF	WORK				
TRAINING	REQUIRED				
CONTRACT	1				



O DRUM DOLLY O PUMPS O FORK TRUCK O MAN LIFT HEAVY EQUIP O CRANE O OTHER Shovel O THER O DISPOSAL SITE APPROVAL APPROVAL DATE NAME OF APPROVER O LOCAL TYPE O OTHER O OTHER TYPE O OTHER TYPE O OTHER TYPE O OTHER TYPE (CERTAIN STATES REQUIRE REPORTING DURING WORK WITH SPECIFIED HAZARDOUS MATERIALS (EG. ASBESTOS) AND/OR OPERATIONS (EG. EXCAVATIONS) PROCEDURES O COPY OF STANDARD OPERATING PROCEDURES INCLUDED (ENCLOSURE 2) O HAZARD COMMUNICATION PROGRAM DEVELOPED O MSDS AVAILABLE VI DISPOSAL AND TRANSPORTATION Lic Lando ULTIMATE FACILITY Lake Charles for hazardous, Exited for Non-Haz INTERMEDIATE FACILITIES TRANSPORTATION COMPANY Tad Trucking TYPES AND NUMBERS OF VEHICLES USED To be Determined TYPES AND NUMBERS OF VEHICLES USED To be Determined TYPES AND NUMBERS OF VEHICLES USED To be Determined TYPES AND NUMBERS OF VEHICLES USED To be Determined	IV	MATERIAL HANDLING EQUIPMENT (PROVIDE DETAILS)
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ULTIMATE FACILITY Lake Charles for hazardous, Fast-Gak for Non-Haz INTERMEDIATE FACILITIES TRANSPORTATION COMPANY Tad Trucking	VI	
TRANSPORTATION COMPANY Tad Trucking		· · · · · · · · · · · · · · · · · · ·
		INTERMEDIATE FACILITIES
TYPES AND NUMBERS OF VEHICLES USED To Be Determined Minimum 10 end damper pere day during Transport		TRANSPORTATION COMPANY Tad Trucking
		TYPES AND NUMBERS OF VEHICLES USED TO Be Determined Minimum 10 and damps plea day duking Transport



VII ENVIRONMENTAL SAMPLING

SAMPLING REQUIRED

ATD MONTBODING
AIR MONITORING EQUIPMENT USED HNU Photo-ionization detector
METHODOLOGY Initial background survey upon comencement o
excavation, periodically during excavation
(o overflow land Celicle pity
That Rack)
CALIBRATION Daily before use
SOIL MONITORING
EQUIPMENT USED
METHODOLOGY
CALIBRATION
OTHER Dreager Kit
EQUIPMENT USED
METHODOLOGY If HNU picks up action level readings, dreage
will be used for identification of contaminant
CALIBRATION CAP.
· · · · · · · · · · · · · · · · · · ·
OTHER
EQUIPMENT USED
METHODOLOGY
CALIBRATION

O NO

YES



IX

VIII TRAINING

COPY	OF CERTIFICATE ON FILE YES O NO
	TIONAL TRAINING REQUIRED Trenching & Excavation and Benzene standard
CREW	RECEIVED SPECIAL TRAINING © YES O NO IF NO, WHY?
LOCA	TION OF TRAINING FILES OSCO/Denver Fremant E
SUBC	ONTRACTOR RECEIVED REQUIRED TRAINING • YES O
	IF NO, WHY?
	TY BRIEFINGS ARE HELD EACH SHIFT
SAFE	TIONAL INFORMATION
SAFE	TY BRIEFINGS ARE HELD EACH SHIFT WHO CONDUCTS MEETINGS? Site Safety Officer Payer WHERE ARE RECORDS STORED? On site/Project Manager EQUIREMENTS ENTIRE CREW RECEIVED BASELINE PHYSICAL EXAMINATION YES O NO



CONTAMINATION CONTROL

- THE JOB SITE IS PARTITIONED INTO 3 DISTINCT WORK ZONES: CLEAN ZONE, CONTAMINATION REDUCTION ZONE AND THE EXCLUSION ZONE.
- WORKERS MAY ONLY ENTER AND EXIT FROM THE EXCLUSION ZONE VIA THE CONTAMINATION REDUCTION ZONE.
- ONLY AUTHORIZED PERSONNEL ARE ALLOWED TO ENTER THE EXCLUSION ZONE OR THE CONTAMINATION REDUCTION ZONE.
- ENCLOSURE 3 INCLUDES A SITE MAP DEFINING THE ZONES

DESCRIBE PERSONNEL DECONTAMINATION PROCEDURES (STEPOFF DIAGRAMS IN ENCLOSURE 4) Determined by level of contamination. Site safety officer will decide how extensive and what procedures are necessary. See attachment
DESCRIBE EQUIPMENT DECONTAMINATION PROCEDURES Wipe/brush off over containment area, wash off with H ² O/soa solution on pressure sprayer
HOW IS CONTAMINATED EQUIPMENT DISPOSED In waste stream profiled for disposal
DESCRIBE STORAGE OF REUSABLE PROTECTIVE GEAR Storage after decon and air drying in plastic bags
DESCRIBE LAUNDERING PROCEDURE FOR UNIFORMS Uniforms will be bagged in plastic then returned to OSCO facility for normal laundering procedures
LAUNDRY INFORMED? XX YES O NO



LOCKER	ROOM	FACILITY	PROVID	ED 🕱	YES	0	NO
IF NO,	HOW W	NILL CREW	CHANGE	СІОТНІ	NG		

RESPIRATOR CLEANING AND INSPECTING PROCEDURES ARE LISTED IN ENCLOSURE 5



XI CONTINGENCY PLAN

CONTINGENCY	PLAN	INCLUDED	0	YES	О ио
IF NO, WHY? _					
				·····	

(MAY STATE THAT CONTINGENCY PLAN WILL BE WRITTEN PRIOR TO ONSITE OPERATIONS)

INTERNAL EMERGENCY PHONE LIST IS INCLUDED IN ENCLOSURE 7.



WORKER PROTECTION (A SEPARATE DESCRIPTION OF PERSONAL PROTECTIVE EQUIPMENT MUST BE INCLUDED FOR EACH WORK TASK)

	1) W	ORK TASK	DESCRIPTION Backho	e, Trackhoe,
	Front		er- below action levels	
	- , -		OAOBOC @	D
	3) R		ORY PROTECTION	
	·	O <u>A</u>	IR PURIFYING	
			HALF MASK	
			FULL MASK	
			OTHER	
		CAR	TRIDGE TYPE	
		O 51	UPPLIED AIR	
		0	SCBA	
		0	AIRLINE	
		0	ESCAPE BOTTLE	
			OTHER	
	4) P	ROTECTI	VE CLOTHING	
		•	HARD HAT	
EVI	E PROTECTION	R	ODY PROTECTION	
9	SAFETY GLASSES	o .		HOODED
Ö		GGLE O	POLYTYVEK O	HOODED
ŏ			SARANEX O	HOODED
O	OTHER		SIGEL	1100000
	OTHER	- ŏ	PVC	
			NEOPRENE	
			RAINGEAR (PVC)	
			BUTYL	
		0	OTHER coveralls	
DOC	OTS	GLO	me	
6			LATEX	© IEAIHER
Ö	PVC-STEEL TOED	Õ	SURGICAL RUBBER	O COTTON
Ö	NEOPRENE-STEEL TOED	Õ	SURGICAL RUBBER VITON	O OTHER
ŏ	PVC BOOTIES	ŏ	PVC	O ULILLIN
ŏ	TYVEK BOOTIES	ŏ	NEOPRENE	
ŏ	OTHER		NEOPRENE (MILLED)	
		ŏ	SILVERSHIELD	
			•	
OTH	IER	HEAL	RING PROTECTION	
		0	EAR MUFFS	
		Ø	EAR PLUGS	
		0	OTHER if noise leve	els are above 85 I



		l)	work er-/ab	-TASK ove-ec	DESCRIPTI	ON back	hoe, t	rackh	noe from	itend Kaick Rack Calicke pol
		2)	LEVE	L	OAOI	3 0 C	O D	T GCZ,	p - 4	Colifornia
		3)	RESP	IRATO	RY PROTEC	CTION				concrept,
		•			R PURIFY]					
					HALF MAS					
				0	FULL MAS	SK				
				0	OTHER					
				CART	RIDGE TYPE	€				-
					PPLIED AI	<u>.R</u>				
				0	SCBA					
					AIRLINE					
					ESCAPE E	SOTTLE				
			***	0	OTHER					
		4)	PROT.		E CLOTHIN					
				0	HARD HAT					
EYE PROT	ECTION			ВО	DY PROTEC	TION				
- 	ETY GLASSES				TYVEK		0	HOO	DED	
O CHE	MICAL RESIST		GOGGL	E Ø		K	0			
O FAC	MICAL RESIST E SHIELD ER			´ O	SARANEX		0	HOO		
O OTH	ER				SIGEL					
					PVC					
					NEOPRENE					
					RAINGEAR					
				0	BUTYL	•				
				0	OTHER _					_
BOOTS				GLOV				_		_
	THER- STEEL			0	LATEX	D	_	Ø	LEATHE	
	-STEEL TOED			(i)	SURGICAL VITON	RUBBE.	R	0	OTHE	N
	PRENE-STEEL	TOED		0				O	OTHE	R
	BOOTIES			0	PVC					_
	EK BOOTIES			0	NEOPRENE					
© OTH	ER Nuke boots			0	NEOPRENE		ED)			
				0	SILVERSH	IELD				
									:	
OTHER				HEAR	ING PROTE	CTION				
				0	EAR MUFF					
	·			0	EAR PLUG					
				Ŏ	OTHER if		e leve	1>85		
				_		- 40011/1	~ TEAG	1/00		-



		C DESCRIPTION Laborer	<u>/technician</u>
		ls/equipment	
- ,	LEVEL	OAOBQCO	D
3)		ORY PROTECTION	
		IR PURIFYING	
	O	HALF MASK	
	•	FULL MASK	
	0	OTHER	
	CAR	TRIDGE TYPE OV/AG and	d dust filter
	0 <u>s</u> i	UPPLIED AIR	
	0	SCBA	
	0	AIRLINE	
	0	ESCAPE BOTTLE	
	0	OTHER	
4)	PROTECTI	VE CLOTHING	
	0	HARD HAT	
EYE PROTECTION	В	ODY PROTECTION	
O SAFETY GLASSES	0	TYVEK	HOODED
O CHEMICAL RESISTANT G	OGGLE @		HOODED
O FACE SHIELD	0	SARANEX O	HOODED
O OTHER	0	SIGEL	
	0	PVC	
	0	NEOPRENE	
	Ō	RAINGEAR (PVC)	
	0	BUTYL	
	0	OTHER	
BOOTS	GLO\	/ES	
O LEATHER- STEEL TOED	0	LATEX	O IEAIHER
PVC-STEEL TOED	ø	SURGICAL RUBBER	O COTTON
MEOPRENE-STEEL TOED	Ö	VITON	O OTHER
O PVC BOOTIES	Ö	PVC	
O TYVEK BOOTIES	Ø	NEOPRENE	
O OTHER Nuke boots	Ö		
	- ō	SILVERSHIELD	
	_	· · · · · · · · · · · · · · · · · · ·	
OTHER	HEAL	RING PROTECTION	
V 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0	EAR MUFFS	
	õ	EAR PLUGS	
	Ö	OTHER if working in	areas with doathl
	•	levels > 85Db	arcas with decipi
		TCACTO \ ODDO	



	1) W	ORK TASK	DESCRIPTION	
			OAOBOCOD)
	3) R	ESPIRATO	DRY PROTECTION	
			IR PURIFYING	
		9	HALF MASK	
		0	FULL MASK	
		0	OTHER	
		CARI	TRIDGE TYPE O/A CO	mbo w/ Abdust
		o su	TRIDGE TYPE 0/1 CO	STIKE
		0	SCBA	
		Ö	AIRLINE	•
			ESCAPE BOTTLE	
		Ō	OTHER	
	4) P		E CLOTHING	
	-, -	8	HARD HAT	
	PROTECTION	BC	DDY PROTECTION	
0	SAFETY GLASSES		TYVEK	HOODED
0	CHEMICAL RESISTANT GO			HOODED
0	FACE SHIELD	0		HOODED
0	OTHER		SIGEL	
			PVC	
			NEOPRENE	•
\			RAINGEAR (PVC)	
			BUTYL	
		0	OTHER	
BOOJ	rs	GLOV	ES	
0	LEATHER- STEEL TOED	0	LATEX	O IEAIHER
0	PVC-STEEL TOED	0	SURGICAL RUBBER	e cotton
0	NEOPRENE-STEEL TOED	0	V 1 1 011	O OTHER
0	PVC BOOTIES	0	PVC	
0	TYVEK BOOTIES	0	NEOPRENE	
0	OTHER	0	NEOPRENE (MILLED)	
		0	SILVERSHIELD	
				•
OTHE	RB	HEAR	ING PROTECTION	
OTHE			EAR MUFFS	
			EAR PLUGS	
		Õ	OTHER	
		•	V 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	



SAFE	ETY EQUIPMENT		
@	SAFETY SHOWERS	0	FUME HOOD
Ø	EYEWASH	0	GROUNDING RODS
Ø	BARRIERS	0	LIFELINE/HARNESS
0	WARNING SIGNS	0	EXTRACTION DEVICE
©	BARRIER TAPE	Ø	AIR HORNS
0	WATER/GATORADE	0	TARPING RACK
0	DECON BARRELS		
0	LIGHTING		
Ø	FIRE EXTINGUISHER	s	
0	OTHER		
	MUNICATION SYSTEMS		
DESC	CRIBE verbal/visual	/air hor	ns
SANI	TARY FACILITIES		
©	SOURCE OF POTABLE	WATER	_ . ;
DESC	CRIBE On site we	2/1 wa	ter &
PK	CRIBE On site we Published water		
0	TOILETS CRIBE On site		
DESC	CRIBE On site /	PF-0-	- Clo
	· · · · · · · · · · · · · · · · · · ·		
_	LIGHTING		
DESC	CRIBE Daylight		



PERSONNEL MONITORING PLAN

IF YES, EXPLAIN STRATEGY to determine background
levels to compare against levels while excavating and
loading (Not Nocessary during woling tower crear.)
IF NO, EXPLAIN STRATEGY
DIRECT READING INSTRUMENTATION
O COMBUSTIBLE GAS/OXYGEN METER
© DRAEGER TUBES benzene 0.5/a, Toluene 5/a, O-Xylene 10/a
© PHOTOIONIZATION DETECTOR
O FLAME IONIZATION DETECTOR
O INFRARED DETECTOR
O AEROSOL MONITOR
O OTHER
DESCRIBE STRATEGY (FREQUENCY, LOCATIONS, ETC)
HNU to determine airborn contaminants above background levels
during excavation. Draeger- to identify suspected contaminants
and levels if identified by HNU to determine if action levels are
DESCRIBE CALIBRATION PROCEDURES present
See Attached
\cdot
SAMPLE COLLECTION INSTRUMENTATION
Ø SAMPLING PUMPS AND MEDIA
DESCRIBE SAMPLING METHODS (INCLUDE MEDIA TYPE,
ANALYTES, NIOSH METHOD NUMBER IF APPLICABLE) NIOSH #1500 for Benzene, Toluene, and Xylene
· · · · · · · · · · · · · · · · · · ·
using 3M passive organic vapor badges
DECORIDE CAMPLING COMPANDON
DESCRIBE SAMPLING STRATEGY Full shift samples for CWM employees working in
excavation area
ENCAVALIUII ALEA



							-
DES	CRIBE N	S MONITIONITORI	NG ST	RATEG	Y yer	bal, v	NO isua ed
OTH DES	ER CRIBE _	0	YES	0	NO		
OTH DES	ER CRIBE _	-	YES	_			
			CHNICI		Larry Y	·1	



XIV. ENCLOSURES

ENCLOSURE 1

SITE SAFETY OFFICER RESPONSIBILITIES

THE SITE SAFETY OFFICER OR DESIGNEE WILL ENTER BEFORE ANY WORK BEGINS AND WILL VERIFY THAT THE ESTABLISHED ZONES ARE IDENTIFIED AND ESCAPE ROUTES ARE CLEAR.

THE DAILY SITE ENTRY PROCEDURE WILL INCLUDE THE FOLLOWING:

- DETERMINE THE WIND DIRECTION AND STAY APPRAISED OF IT THROUGHOUT THE SAY. IDENTIFY THE DIRECTION DURING THE TAILGATE SAFETY MEETING OR INFORMALLY WITH EACH AFFECTED EMPLOYEE.
- CONFIRM THE PROPER PLACEMENT OF EMERGENCY INFORMATION AND OPERATIONAL STATUS OF EQUIPMENT AND THE DECONTAMINATION FACILITY.
- MONITOR THE AIR AS NECESSARY FOR CONDITIONS THAT MAY CAUSE INJURY OR EXPOSURE AND RECORD ALL DATA.
- VISUALLY OBSERVE FOR SIGNS OF ACTUAL OR POTENTIAL LIFE OR HEALTH THREATENING HAZARDS.
- NOTE PHYSICAL CONDITIONS OF THE SITE. DETERMINE POTENTIAL EXPOSURE PATHWAYS.
- USE SURVEY TAPE OR MARKERS TO IDENTIFY NEW BOUNDARIES OF THE ZONES.
- DOCUMENT SITE ACTIVITIES IN A DAILY LOG. RECORD OBSERVATIONS RELATED TO FIELD CONDITIONS AND THE SITE.

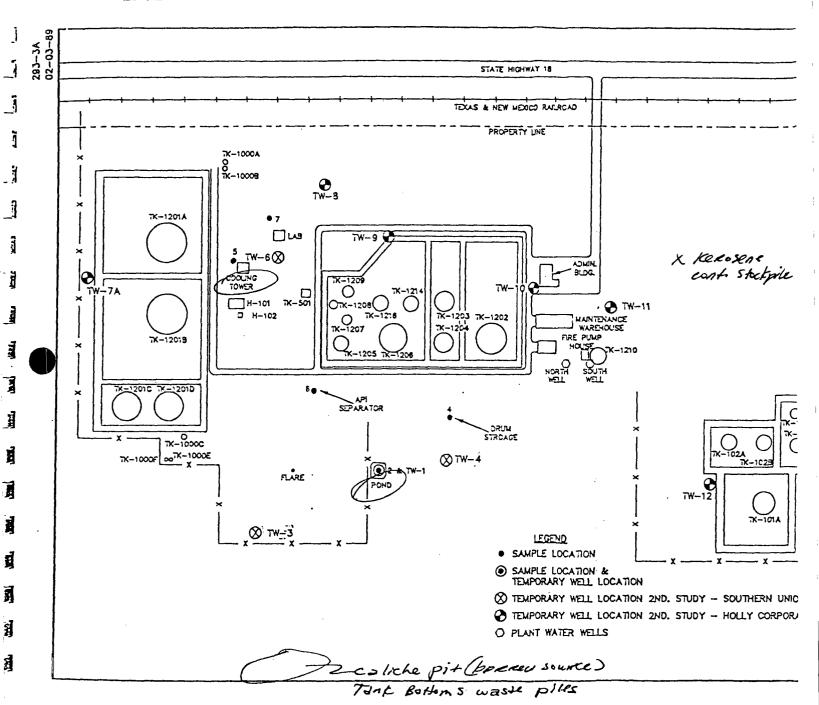


ENCLOSURE 2 GENERAL SAFE WORK PRACTICES

- ALL ACCIDENTS AND INCIDENTS MUST BE REPORTED TO YOUR SUPERVISOR IMMEDIATELY.
- ALL DEFECTS/MALFUNCTIONS WHICH APPEAR DURING THE CURSE OF THE WORK SHIFT MUST BE REPORTED TO THE SUPERVISOR.
- NO EATING, DRINKING, SMOKING, CHEWING TOBACCO OR GUM, OR APPLYING COSMETICS IS ALLOWED IN THE EXCLUSION OR CONTAMINATION REDUCTION ZONES.
- EMPLOYEES SHALL INFORM THEIR SUPERVISOR OF ANY PRESCRIPTION MEDICATIONS OR MEDICATIONS AFFECTING THEIR ABILITIES THEY ARE USING WHILE AT WORK.
- EMPLOYEES SHALL NOT SHOW UP FOR WORK UNDER THE INFLUENCE OR IN POSSESSION OF ALCOHOL OR ILLICIT DRUGS.
- ONLY CWM APPROVED PROTECTIVE EQUIPMENT SHALL BE USED BY CWM EMPLOYEES.
- EMPLOYEES SHALL NOT REMOVE OR DISTURB ANY COVERING, GUARDS, OR SAFETY DEVICES PLACED ON VEHICLES, GEARS OR OTHER MOVING EQUIPMENT OR MACHINERY EXCEPT TO PERFORM MAINTENANCE OR REPAIRS. WORK ON THE EQUIPMENT SHALL NOT COMMENCE UNTIL THE EQUIPMENT HAS BEEN DEACTIVATED, SOURCES OF ENERGY REMOVED, AND THE CONTROLS ARE LOCKED AND TAGGED OUT.
- BEFORE STARTING ANY VEHICLE OR MACHINERY, OR TURNING ON ELECTRICITY, GAS, STEAM, OR AIR, EMPLOYEES WILL CHECK THE ENTIRE AREA TO INSURE IT IS SAFE TO PROCEED WITH THE WORK. OUT OF SERVICE OR LOCKED OUT EQUIPMENT IS NOT TO BE STARTED BY ANYONE, UNLESS AUTHORIZED BY SUPERVISION.
- EMPLOYEES SHALL MAINTAIN GOOD HOUSEKEEPING OF THE FACILITIES AND REMOVE OR DISPOSE OF ALL UNNECESSARY MATERIAL.
- SPECIAL OPERATIONS INCLUDING CONFINED SPACE ENTRY, HOT WORK, DECOMMISSIONING OF EQUIPMENT FOR REPAIRS REQUIRE PERMITS TO BE SIGNED BY AUTHORIZED PERSONNEL. A DESCRIPTION OF THE PROCEDURES WILL BE INCLUDED IN THE ENCLOSURE SECTION.
- -TRENCHING OR EXCAVATIONS MUST BE SHORED OR SLOPED OR APPROPRIATELY PREPARED AS REQUIRED BY OS#A STANDARDS. A DESCRIPTION OF THE TECHNIQUES TO BE USED IS INCLUDED IN THE ENCLOSURE SECTION IF APPROPRIATE.



ENCLOSURE 3 WORK ZONE MAP





ENCLOSURE 4 DECONTAMINATION PROCEDURES

See attached procedures



ENCLOSURE 5 RESPIRATORY EQUIPMENT CLEANING, MAINTENANCE AND STORAGE PROCEDURES

Wash with soap and water. Water rinse and air dry. Store in vinyl carrying bags when not in use

415 656 4926→ 3032693520;#39 Feb 20.90 17:48 No.018 P.39

CHEMICAL WASTE MANAGEMENT, INC. ENRAC - WESTERN REGION Incident Reporting/Emergency Call List

In the event of an injury, accident, fire, spill, release or other non-routine occurence, you must immediately call one of the following people. Start at the top of the list and keep calling until you, personally, talk to one of these people.

- 1. Joe Zorn ENRAC General Manager (415) 770-0575 - Business Telephone (415) 538-4628 - Home Telephone
- 2. August Ochabauer Operations Manager (415) 770-0575 - Business Telephone (415) 651-4073 - Home Telephone
- Derik Gulsvig Health & Safety Manager
 (415) 770-0575 Business Telephone
 (415) 790-3488 Home Telephone
- 4. Cheryl Grede Environmental Health & Safety Manager (41) 770-0575 Business Telephone (415) 551-8755 Home Telephone
- 5. Paul Borenstein Western Region Health & Safety Manager (415) 651-2964 Business Telephone (415) 228-3759 Home Telephone
- 6. Shari Samuels Western Region Safety Engineer (415) 651-2964 Business Telephone (415) 355-7699 Home Telephone



ENCLOSURE 7 HAZARDOUS WASTE OPERATIONS CONTINGENCY PLAN

GENERATOR	RS NAME: Southern	Jnion Gas Co.
LOCATION:	Highway 18, 5 miles	SW of Lovington, NM
CONTACT:_	Russell Buss	PHONE # 409-962-8888
PROJECT M	ianager:	
EMERGENCY	PHONE NUMBERS:	
	POLICE 911	INTERPLANT
	FIRE 911	HOSPITAL 392-6581
	POISON CONTROL	
	NATIONAL SPILL RESI	ONSE CENTER
	FEDERAL/LOCAL AGENO	CIES
t		
HOSPITAL	INFORMATION:	
NAME:	Regional Hospital	
ADDRESS:_		
		·
****	······································	
CONTACT:_	Emergency Room Doctor	
ALTERNATE	CONTACT:	
EVAÇUATIO	N ALARM DESCRIPTION:	Verbal or Air horn
LOCATION	OF ALARM BOXES:	
		Exit work area east of parking lot



ASSEMBLY	AREA	DESC	CRIPTION	N: P	arking lot					
										-
			······································			······································			<u> </u>	•
EUS CUS MT	מת אמ	क्ति /	PMPDCE	icv.	POLIT DMPNT	CTATTON.	MND	•		



MEDICAL PROVIDER ROUTE MAP:



EMERGENCY EQUIPMENT:

FIRST AID STATION	0	ABSORBENT
FIRE EXTINGUISHERS	@	SHOVELS
EMERGENCY EYEWASH/SHOWER	0	SQUEEGEES
LIFELINE/HARNESS	0	OVERPACKS
SCBAS	0	NEUTRALIZING MAT'L
AIR MONITORING EQUIPMENT	0	WALKY TALKIES
SPECIFYDräger. HNU	0	OTHER SUPPORT EQPT
GLOVES SPECIFY Neoprene	SPE	CIFY
BODY SUIT SPECIFY Poly tyvek +yvek	-	
BOOTS		
SPECIFY Chemical resistant		
OTHER PROTECTIVE EQUIPMENT SPECIFY		
TION OF EMERGENCY EQUIPMENT		



LIST OF CONTAMINANTS PRESENT AND SYMPTOMS OF EXPOSURAND POSSIBLE MEDCAIL EVALUATION/TREATMENT:	RE AND POSSIBLE
HAS COPY OF CONTINGENCY PLAN BEEN RECEIVED BY HOSPICONS	TAL LISTED?
IS IT DOCUMENTED? OYES ONO	
OTHER AGENCIES THAT HAVE RECEIVED THE CONTINGENCY P	LAN:
DOCUMENTED:	
DOCUMENTED:	
Domination.	

Chemical Name, Formula, CAS, TTECS, and DOT UN or NA and Gulde Numbers	Synonyms	Exposure Limits	IDLH Level	Physical Description	Chemical and Physi Properties	cal incor	mpatibilities	Measurement Method (See Tables 1a and 1b)
Benzene C ₄ H ₄ 71-43-2	Benzol, Cyclohexatriene, Coal tar naphtha, Phenyl hydride	10 ppm 50 ppm ceil (10 min) (NIOSH) 1 ppm 60-min ceil	2000 ppm Ca	Colorless liquid with an aromatic odor	BP: 176*F A	/P: 75 mm Stro AP: 42°F chlo JEL: 7.1% iron EL: 1.3%	ng oxidizers; rrine, bromine wil	Char; th CS; GC; III
CY1400000 1114 27		See Appendix A (ACGIH) 10 ppm, A2						
	1.0	Respirator S	election			Health Haza	rds	
and (Se	al Protection Sanitation e Table 2)	Upper Limit Recommended (Devices	Roule)	Symptoms (See Table 4)		rst Aid Table 5)	Target Organs
Goggles: Re Wash: So Change: N.	ap wash promptly	NIOSH E: SCBAF:PD,PP/SA Escape: GMFOV/SC	F:PD,PP:ASCI BAE	Inh BA Abs Ing Con	Irrit eyes, nose, resp s giddy; head; nau; stag- gered gait; flg, anor, flass; derm; bone marro depres; abdom pain; [carc]	Skin: S Breath: A ow Swallow: N	ir immed Soap wash promp Art resp Medical attention mmed	eyes, resp sys
Chemical Name, Formula, CAS, ITECS, and DOT UN or NA and Gulde Numbers	Synonyms	Exposure Limits	IDLH Level	Physical Description	Chemical and Physic Properties	cal Incon	npatibilities	Measuren Method (; Tables ; and 1t
Toluena C ₄ H ₄ CH ₃ 108-88-3 XS5250000	Toluol, Phenyl methane, Methyl benzene	200 ppm 300 ppm ceil 500 ppm 10-min p (NIOSH) 100 ppm 10-min c (ACGIH) 100 ppm	/A	Colorless liquid with an aromatic odor like benzene	BP: 231 °F M Sol: 0.05% U	P: 22 mm Stron P: -139*F EL: 7.1% EL: 1.3%	g oxidizers	Char; CS ₃ ; GC; V
-			 			Health Ha	zards	
an	onal Protection d Sanitation (see Table 2)		Selection alt Devices d (See Table	Rou 3)	te Symptoms (See Table 4)		First Aid ee Table 5)	Target Organ
Goggles: Wash: Change:	Repeat prolong Reason prob Promptly upon wet N.A. Any wet immed (flamm)	NIOSH 1000 ppm: CCRO\ PAPROV*SCBA* 2000 ppm: SA:CF* GMFOV Q: SCBAF:PD,PP' SAF:PD,PP'ASCB, Escape: GMFOV\S	SCBAF!SAF!	Inh Ab: Ing Cor	dizz; head; dil pup, la ner; musc fig; insom	ac; Skin: a; Breath;	Irr immed Soap wash prof Art resp Medical attention immed	· -
Chemical Name, Formula, CAS, ITECS, and DOT UN or NA and Guide Numbers	Synonyms	Exposure Limits	IDLH Level	Physical Description	Chemical and Physic Properties	al Incom	patibilities	Measurement Method (See Tables 1a and 1b)
Ethyl benzene C ₁ H ₁ C ₁ H ₂ 100-41-4 DA0700000	Phenylethane, Ethylbenzol	100 ppm (435 mg/m²)	; 2000 ppm	Colorless liquid with an aromatic odor	BP: 211°F / Sol: 0.015% U	/P: 7.1 mm Stro MP: -139°F JEL: 6.7% .EL: 1.0%	ong oxidizers	Char, CS:; GC; III
1175 _ 26						Health Ha		
an	onal Protection d Sanitation see Table 2)	Respirator Upper Lim Recommended	Selection It Devices I (See Table	Rou	le Symptoms (See Table 4)		First Ald	Target Organ
Goggleš: Wash: Change; Remove:	Any wet immed (flamm)	NIOSH 1000 ppm: CCRO SA'ISCBA* 2500 ppm: SA:CF 5000 ppm: GMFO 10,000 ppm: SAF: Q: SCBAF:PD, PP! Escape: GMFOV!	V*/PAPROV*/ V/SCBAF/SAF PD,PP SAF-PD PP-AS	Inh Ab Ing Co	Dizz, excitement, dri inco, staggering gai eyes, nose, throat; o	ow, Eye: t; irrit Skin: tor- Breath: nor, Swallow:	Irr immed Soap wash pro	kidneys, skin
Chemical Name, Formula, CAS, RTECS, and DOT UN or NA and Guide Numbers		Exposure Limits	IDLH Level	Physical Description	Chemical and Physi Properties	cal Incor	mpatibilities	Measurement Method (See Tables 1a and 1b)
Xylene (o., m., ai p-isomers) C ₄ H ₄ (CH ₃) ₃ 1330-20-7 ZE2100000 1307 27	nd p-ortho-Xylene, 1,2-Dimethyl-benzene; meta-Xylene, 1,3-Dimethyl-benzene; para-Xylene, 1,4-Dimethyl-benzene	100 ppm (435 mg/m²) (NIOSH) 100 ppm 10-hr TWA 200 ppm 10-min ceil	10,000 ppm	Colorless liquid with aromatic odors (pure p- xylene is a solid at < 55 °F)	BP: 292/282/ / 281 °F Sol: 0.00003% (/P: 7/9/9 Stro MP: -12/54/ 55°F JEL: 6/7/7% .EL: 1/1.1/ 1.1%	ong oxidizers	Char; CS:; GC; III
	onal Protection d Sanitation	Respirator	Selection			Health Ha		
Clothing: I Goggles: I Wash: I Change: I	ee Table 2) Repeat prolong Reason prob Promptly upon contam	Upper Lim Recommended OSHA 1000 ppm: PAPRO SCBA*/CCROV* 2000 ppm: GMFOV 9: SCBAF:PD,PP/ 9: SCBAF:PD,PP/	i (See Table V'/SA'I	Rou Inh Ing Con	(See Table 4) Irrit eyes, muc memb head; derm; narco, co	(Second Skin:	First Aid se Table 5) fir immed Water flush promptly Art resp Medical attention	Eyes, upper r sys, skin, CN



EMPLOYEES RECEIVED CONTINGENCY PLAN BRIEFING:

PRINT	SIGNATURE
Lancy Younghans	
Bob Huler	Bot Halex
John Meier	John Mein
•	U

Feb 20,91 17:48 No.018 P.37

ENRAC - Western Region Excavation and Trenching Procedure

1.	All trenches and excavations deeper than 4 feet mi	be tested
	for oxygen deficiency and hazardous atmospheres be	re workers
	are allowed to enter them.	

- 2. If ventilation controls are used to reduce hazardous concentrations in the excavation, then periodic esting is required to ensure safe levels.
- 3. If hazardous atmospheres are present in the avation, emergency equipment (SCBAs, safety harness, line or a basket stretcher) must be readily available for and must be attended by a rescue person.
- 4. Sloping or shoring is mandatory for all exca ons and trenches 5 feet deep or more.
- 5. All supplies and material removed from the excava: must be kept at least 2 feet away from the edge of the ho
- If the excavation is in solid rock, no additional sing or shoring is required.
- 7. If the excavation is min in solid rock, it must be sped or a support system designed and installed.
- 8. All soil classif must be made by a stered professional engine.
- 9. If no soil classification is made, the excavati st be sloped to an angle of 34 degrees from the horizont /5 fe/
- 10. If a soil classification is made (per Appendix A c 29 CFR 1926 Subpart P), then one of three optic ay be chosen.
 - a. Follow slope configurations in Appendix B of 2 : 1926 Subpart P. (Note that these tables he depth constraints to them.)
 - b. Use other tabulated data which has been appr by a registered professional engineer.
 - C Use a specific written design by a professional engineer.

- If a support, shield or shoring system is chosen, then soil classification is required and one of four options may be chosen.
 - a. Follow the provisions in Appendix C of 29 CFR 1926 Subpart P. (i.e., timber shoring tables)
 - Use manufacturers data to provide protection. (i.e., b. hydraulic shoring, trench shields, etc.)
 - Use tabulated data which has been approved by a registered professional engineer.
 - Use a specific written design by a registered d. professional engineer.
- 12. Ladders must be provided every 25 feet in the excavation, so that employees can climb out of the trench or excavation. These ladders must extend at least 3 feet above the top of the hole in order to provide a safe exit.
- At least one standby observer must be present whenever a worker enters an excavation or trench.
- All employees must be trained in the requirements of 29 CFR 1926 Subpart P and excavation and trenching procedures before working on this type of project. Employees will receive initial training as part of their new employee 40 hour training in hazardous waste operations. Refresher training must be completed at least annually. Documentation of training will be kept in the employee's training file at the ENRAC office from which the employee is dispatched.

* Note: No employee will be exercision pit.



CHEMICAL WASTE MANAGEMENT INC.

ENVIRONMENTAL MANAGEMENT DEPARTMENT

APPROVAL PACKAGE

DIVISION NAME ENRAC - Denues
PACKAGE PREPARER NAME AND TITLE Bob Hulet Peoject Manager
CUSTOMER NAME Southern Union Gas Company
CUSTOMER ADDRESS 5 miles South of Lovington on Hwy 18
CUSTOMER CONTACT Russel Buss PHONE (409) 962-8888
START DATE OF PROJECT 6/25/90 DURATION OF PROJECT 6 weeks
NAME AND TITLE OF PROJECT MANAGER Bob Hulet fregrect Manager
comments An EMO package is cuescostly in place for this project. This package address tasks to occur in conjuction with soil removal below a cooling tower.
In conjuction with Soil Removal below a cooling tower
APPROVED BY (PRINT NAME AND TITLE) Chery A Grede Enr. HVS Mgc
APPROVAL SIGNATURE Chem Q Q Lied &
OTHER APPROVALS REQUIRED
PRINT NAME AND TITLE SIGNATURE AND DATE
1



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TITLE

PURPOSE

THIS DOCUMENT DEFINES THE HEALTH, SAFETY AND ENVIRONMENTAL CONSIDERATIONS FOR THE OFFSITE MANAGEMENT OF HAZARDOUS WASTES BY CHEMICAL WASTE MANAGEMENT PERSONNEL AND CONTRACTORS. THIS DOCUMENT IS REQUIRED BY CWM POLICIES AND PROCEDURES AND OSHA 29 CFR 1910.120. THE BASIC REQUIREMENTS FOR THE HEALTH AND SAFETY OF THE PROJECT WORKERS ARE DELINEATED IN THE CWM AND DIVISION HEALTH AND SAFETY PROCEDURES. ALL PERSONNEL ON SITE WILL BE INFORMED ABOUT THE PERTINENT SECTIONS OF THE EMD APPROVAL.

PROJECT STAFFING

<u> </u>	
PROJECT MANAGER	NAME Bob Hulet
PERATIONS MANAGER	NAME Don Shosky
SITE SAFETY OFFICER(S)	
	NAME
,	
operator	NAME John Meier
Technician	NAME <u>John Meier</u> NAME <u>Martin Fierro</u>
Technician	NAME Manuel Hoyas
550	NAME Darrel Hellman
	NAME
	NAME
	NAME
	- 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
	NAME



SCOPE OF WORK

CHECK OFF APPROPRIATE CATEGORIES (MORE THAN ONE MAY APPLY)

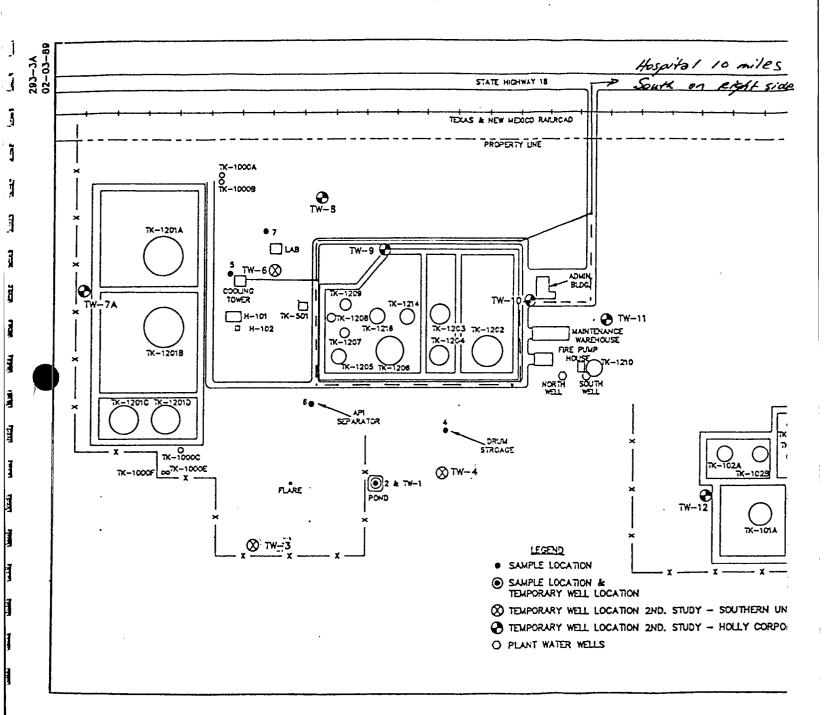
0	TANK EXCAVATION	0	ONSITE TREATMENT
	SOIL EXCAVATION	0	CONFINED SPACE
0	POND CLEANUP	0	ASBESTOS
0	BUILDING DECONTAMINATION	0	ONSITE STORAGE
•	EQUIPMENT DECONTAMINATION	•	CONSTRUCTION
0	DRUM SAMPLING AND MANAGEMENT	•	DEMOLITION
0	LAB PACK	0	OTHER
0	EMERGENCY RESPONSE		

(BRIEF DESCRIPTION OF PROJECT INCLUDING TYPES OF MAJOR EQUIPMENT TO BE USED, QUANTITIES OF MATERIAL TO BE MANAGED, CONTAMINANTS, NUMBER OF SPECIFIC JOB LOCATIONS (IE. NUMBER OF TANKS, SUMPS, ETC.). DESCRIBE SPECIFIC WORK TASKS.

- (1) Remove above ground horizontal tank with a cherry picker. Remove Portable building and concrete slab.
- 3 Backfill open hole to begin thenthing operation below cooling tower basin.
- (3) As trenching goes down to a total depth of 25 ft below cooling tower, Ramp down and slope back sidewalls to meet osHA requirements for trenching and excavations.
- Backfill trenching with concerte to form showing showing be performed in dean material.)
 - 5 Excourte non-hazardous chrome contaminated soil between shoring walls.
 - (6) TRANSPORT and dispose confaminated soil at
 Rio Carcho landfill in Albuque que nm. ex
 Lake Charles Facility in Louisiana.
 - 1 Bockfill below cooling tower with concrete
 - (8) Backfill open excavation will local clean fill



SITE LAYOUT (INCLUDE COPY OF SITE MAP INCLUDING OPERATING AREAS)



EVacuation Route ---

5



II. HAZARD EVALUATION

A. PHYSI	CAL HAZA	RDS (TR	ENCHES	, U	TILITIES,	TERRAIN,	ETC.)
Heavy Egg Open Exc	austian					•	
B. CHEMIC TO PACKAGE	IF NECE	SSARY)	ACTIO	N	MSDS	·	
NAME	СОИС	TLV/PEL	LEVE	L 	AVAIL	HAZA	.RDS
·				·	· .		
CARCINOGENS IF YES, LIS		0	YES	0	мо		:
REGULATED M		? 0	YES	0	по		· · · · · · · · · · · · · · · · · · ·
WASTE PROFI IF NO, WHY?			YES	0	по		



TASK SPECIFIC HAZARDS

TASK	Kemare tank & building
•	1. Wotch for heavy equipment
-	2. Open excavation nearby
	2. Open examples nearby 3. Use people lifting 4. Which for the hazards
	4. Watch for the hazzeds
	5.
	6.
TASK	Excavation & trenching (clean soil)
INDI	Excauation & thenching (clean soil) 1. Watch for Heavy equipment 2. Be Aware of open excavation 3. Suppress dust
	2. Be Aware of open control excavation
	2. BE AVORE OF GOLD ROLLED EXCOUNTED
	3. <u>Suppress dust</u>
	4.
	5.
	6.
TASK	Excavation & trenching (contaminated soil)
	1. Watch for Heavy equipment 2. Be suspend for good excavation 3. Suppress dust
	2. Be zwage of open excavation
_	3. Suppress dust
	4.
	5.
	6.
TACK	Bactfill
INOV	1. Watch for Heavy equipment
	1. Water for negog equipment
	2. Be Aware of open excavation 3. Suppress dust
	3. Suppress dust
	4.
	5.
	6.
TASK	·
	1.
	2.
	3.
	4.
	5.
	6.
	•



III. PROJECT ORGANIZATION

CREW SIZE			NUMBER	• •	
CHEMI TECHN SITE	CT MANAGER ST ICIAN SAFETY OFFICE				
SUBCONTRAC	TORS (includ	ling environ	mental c	onsul	ltants)
TAO TA	eucking	, PREQUALIF	ED •	YES	O NO
	OF WORK // Rie Ranche Late Charle				
	ING REQUIRED	-			
CONTA	ACT				
SCOPE	OF WORK				
		·			
TRAIN CONTR	ING REQUIRED_				
		PREQUALIFIED	0	YES	O NO
SCOPE	OF WORK				
TRAIN	ING REQUIRED				



)	1.4	MAIERIAD IMIDDING EQUI	THERT (PROVIDE DETRIES)						
•		O DRUM DOLLY	·						
		O PUMPS							
		O FORK TRICK							
•		● MAN LIFT	small cheen picker						
		MAN LIFT HEAVY EQUIP CRANE O OTHER	small checky picker trackbor, wheel leader, dozoc						
		O CRANE							
		O OTHER							
		0							
	v	REPORTING AND RECORDKE	PING						
		PERMITS/APPROVALS	(USE N/A IF NOT APPLICABLE)						
		DISPOSAL SITE	APPROVAL APPROVAL DATE						
·			TER WMNA - Lance Robinson						
		O STATE	TYPE						
		O LOCAL	TYPE						
			TYPE						
		O OTHER	TYPE						
		O OTHER	TYPE						
			EQUIRE REPORTING DURING WORK WITH S MATERIALS (EG. ASBESTOS) AND/OR						
		OPERATIONS (EG. EX							
		Or Light to the Co. Dr.	CATALLONO						
		PROCEDURES	•						
		O COPY OF STAND	ARD OPERATING PROCEDURES INCLUDED						
		(ENCLOSURE 2)							
		•	ICATION PROGRAM DEVELOPED						
		O MSDS AVAILABL							
		• •							
		Proposit AND MDINCDODMA	TT AN						
	VI	DISPOSAL AND TRANSPORTA							
		01	ske Charles Facility (Haz.)						
		ULTIMATE FACILITY (2) Ric	Rancho Landfill (Nen-haz)						
		INTERMEDIATE FACILITIES							
		TRANSPORTATION COMPANY	TAD TRucking						
•		TRANSPORTATION COMPANY TAD TRUCKING TYPES AND NUMBERS OF VEHICLES USED Approx. 10							
		end dumps total	THE TOTAL TO THE TANK TO THE T						
		٥							
* A	TOIR	Tosk Go Class	will be performed. at a content of standard for comments of and and for comments of the anspected of the constant of the const						
11 17	, 041	iesi for theome	will be personered. I de						
free	quenc	cy of 20 cy. The	Utment Standard for Commict						
15	5 00	m. GREATER Than	5 ppm will be treenspaced						
, ,	- Jeffer		- // , (gr), Privad on recycled page						



VII ENVIRONMENTAL SAMPLING

SAMPI	LING F	ŒQUIREI		0	YES		ИО		•		
AIR F	ONITC EQUIP		ED		. 						
	METHO	DOLDGY_									
	CALIE	RATION									
											
SOIL		ORING	חי								
	METHO	DOLOGY	ED								. <u> </u>
	CALIB	RATION _									
											
OTHER	t										
	EQUIP	MENT US	ED								-
	METHO	DOLOGY_									
	CALTR	DATTON									
	CALLE	MIION _									
			- <u>-</u> -								
OTHER	<u> </u>										
	EQUIP	MENT USI	ED								
	METHO	DOLOGY_									
											
		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·						
	CALTE	RATION									
	~~D										



VIII TRAINING

•	CWM CREW RECEIVED INITIAL 40 HOUR TRAINING YES O NO IF NO, WHY?
٠	COPY OF CERTIFICATE ON FILE • YES O NO
	ADDITIONAL TRAINING REQUIRED <u>Trenching</u> and Excaustron
	CREW RECEIVED SPECIAL TRAINING • YES O NO IF NO, WHY?
	LOCATION OF TRAINING FILES <u>Energy</u> - Freemant & Denver
	SUBCONTRACTOR RECEIVED REQUIRED TRAINING • YES O NO IF NO, WHY?
	ADDITIONAL INFORMATION
	SAFETY BRIEFINGS ARE HELD EACH SHIFT WHO CONDUCTS MEETINGS? Bob Hulet WHERE ARE RECORDS STORED? On 5/16
IX MEI	DICAL REQUIREMENTS
	ENTIRE CREW RECEIVED BASELINE PHYSICAL EXAMINATIONS ● YES O NO
	IF NO, WHY?
	SPECIAL TESTS REQUIRED
	COMPLETE? O YES O NO
	IF NO, WHY?
	LOCATION OF MEDICAL FILES Fremant and Denver



CONTAMINATION CONTROL

- THE JOB SITE IS PARTITIONED INTO 3 DISTINCT WORK ZONES: CLEAN ZONE, CONTAMINATION REDUCTION ZONE AND THE EXCLUSION ZONE.
- WORKERS MAY ONLY ENTER AND EXIT FROM THE EXCLUSION ZONE VIA THE CONTAMINATION REDUCTION ZONE.
- ONLY AUTHORIZED PERSONNEL ARE ALLOWED TO ENTER THE EXCLUSION ZONE OR THE CONTAMINATION REDUCTION ZONE.
- ENCLOSURE 3 INCLUDES A SITE MAP DEFINING THE ZONES

DESCRIBE PERSONNEL DECONTAMINATION PROCEDURE
· (STEPOFF DIAGRAMS IN ENCLOSURE 4)
DESCRIBE EQUIPMENT DECONTAMINATION PROCEDURES DRy Decon with shovels and brushes
HOW IS CONTAMINATED EQUIPMENT DISPOSED In waste stream profiled for disposal
DESCRIBE STORAGE OF REUSABLE PROTECTIVE GEAR Decon, Air day, then Store in plastic hags.
DESCRIBE LAUNDERING PROCEDURE FOR UNIFORMS Uniferens will be begged, then petus and to osco facility for normal laundering
TAIDIDE INFORMED?



LOCKER ROOM FACILITY PROVIDED O YES • NO

IF NO, HOW WILL CREW CHANGE CLOTHING A+

Hotel Ram.

RESPIRATOR CLEANING AND INSPECTING PROCEDURES ARE LISTED IN ENCLOSURE 5



CONTINGENCY PLAN

CONTINGENCY PLAN	N INCLUDED	• YES	O NO
IF NO, WHY?			
(MAY STATE THAT WRITTEN PRIOR TO			LL BE

INTERNAL EMERGENCY PHONE LIST IS INCLUDED IN ENCLOSURE 7.



WORKER PROTECTION (A SEPARATE DESCRIPTION OF PERSONAL PROTECTIVE EQUIPMENT MUST BE INCLUDED FOR EACH WORK TASK)

	1) W	ork tasi	DESCRIPTION &	emoc	e e.	motes
	tank	and	building			7 3
		EVEL	OAOBOC	• 1)	
-	3) R		ORY PROTECTION			
		_	IR PURIFYING			
		0	HALF MASK			
		0	full mask			
		0	OTHER			
		CAR	TRIDGE TYPE			
		0 \$	UPPLIED AIR			
		0	SCBA			
		0	AIRLINE			
		0	ESCAPE BOTTLE			
		0	OTHER			
	4) PI	ROTECTI	VE CLOTHING			
	·	•	HARD HAT			
EYE	PROTECTION	В	ODY PROTECTION			
•	SAFETY GLASSES	•	TYVEK	0	HOO	DED
Ŏ	CHEMICAL RESISTANT GOO	GLE O		Ö	НОО	
ŏ	FACE SHIELD		SARANEX	Õ	НОО	
	OTHER	0	SIGEL			
		0	PVC			
		Ō	NEOPRENE			
•		Ŏ	RAINGEAR (PVC)			
		Ö	BUTYL			
		Ō	OTHER			
B00'	rs	GLO!	ÆS			
	LEATHER- STEEL TOED	0	LATEX		0	IEAIHE R
Ö	PVC-STEEL TOED	Ō	SURGICAL RUBBE	R	•	COTTON
ŏ	NEOPRENE-STEEL TOED	Õ	VITON		Õ	OTHER
Ŏ	PVC BOOTIES	Ō	PVC			• • • • • • • • • • • • • • • • • • • •
Ö	TYVEK BOOTIES	Ö	NEOPRENE		_	
ŏ	OTHER	Ō	NEOPRENE (MILI	ÆDΙ		
		Ö	SILVERSHIELD	,		
	•					
OTH	ER	HEAF	RING PROTECTION			
		0	EAR MUFFS			•
		0	EAR PLUGS			
		0	OTHER			



	1)		DESCRIPTION		tion -	nd
		nching in	clean soil			
	2)	LEVEL	OA OB) <u></u> .	
	3)		DRY PROTECTION	ОИ		
			IR PURIFYING		•	
		0	HALF MASK			
-		0	FULL MASK			
		0	OTHER			
		CAR	TRIDGE TYPE			
		o st	JPPLIED AIR			
		0	SCBA			•
		0	AIRLINE			
		0	ESCAPE BOT	TLE		
		0	OTHER			
	4)	PROTECTIV	E CLOTHING			
		•	HARD HAT			
FVF	PROTECTION	ВС	DDY PROTECTION	Ж		
•	SAFETY GLASSES	•	TYVEK	0	HOOL	ED
	CHEMICAL RESISTANT	GOGGLE O		Ö	HOOL	
-	FACE SHIELD		SARANEX	Õ	HOOL	
0	OTHER		SIGEL	•		
•			PVC			
			NEOPRENE			
			RAINGEAR (I	PVC)		
			BUTYL	, , ,		
		Ō	OTHER			
BOOT	c	GLOV	TF C			
B 001	LEATHER- STEEL TOED		LATEX		0	IEAIHE R
Ö	PVC-STEEL TOED		SURGICAL RU	IBBER	ě	COTTON
ŏ	NEOPRENE-STEEL TOED		VITON	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ŏ	OTHER
Õ	PVC BOOTIES	: 0	PVC		•	• •••••
Ö	TYVEK BOOTIES	Ö	NEOPRENE			
Ŏ	OTHER	Ö	NEOPRENE (M	(ILLED)		
		0	SILVERSHIEI			
OTHE	R	HEAR	ING PROTECTI	ON		
		0	EAR MUFFS			
		•	EAR PLUGS			
		0	OTHER			



,		1)	WORK	TASK	DESCRIPTION	EXCAUE	tion	and _
		tel	nchin	a_11	contaminati	ed so	il	
		2)	LEVE		OA OB •		٠.	
		3)	RESP.		DRY PROTECTION	l	_	
,				O Y	IR PURIFYING		٠.	
				•	HALF MASK			
• .				0	FULL MASK			
				0	OTHER			
				CAR	TRIDGE TYPE	ombinas	TRN	
				O SI	JPPLIED AIR			
				0	SCBA			
				0	AIRLINE			
				0	ESCAPE BOTTL	E		
				0	OTHER			
		4)	PROTE	ECTIV	E CLOTHING			
				•	HARD HAT			
EYE	PROTECTION			ВС	DDY PROTECTION			
•	SAFETY GLASSES				TYVEK	0	HOO	DED
Ŏ	CHEMICAL RESIST		GOGGLE	0	POLYTYVEK	0	HOO	DED
Ö	FACE SHIELD				SARANEX	0	HOO	DED
ŏ	OTHER				SIGEL			
				0	PVC			
h				0	NEOPRENE			
y				0	RAINGEAR (PV	C)		
				0	BUTYL	•		
				0	OTHER			
воот	rs.			GLOV	ÆS.			
	LEATHER- STEEL	TOED)	0	LATEX		0	IEAIHE R
Ŏ	PVC-STEEL TOED			0	SURGICAL RUB	BER	•	COTTON
Ŏ	NEOPRENE-STEEL	TOED		0	VITON		0	OTHER
ŏ	PVC BOOTIES			0	PVC			
Ö	TYVEK BOOTIES			0	NEOPRENE			
Ö	OTHER			0	NEOPRENE (MI	LLED)		
				0	SILVERSHIELD			
OFFI	י מי			שראש	RING PROTECTION	NT.		
OTHE	R			near O	EAR MUFFS	17		
				_	EAR PLUGS			
					OTHER			
	•			•	OINER			



		1)	WORK 7	rask	DESCRIPT	ION	Back	Fill	
V		2) 3)		RATO	O A O RY PROTE R PURIFY	CTION	• D		
			•	0	HALF MA FULL MA	SK	•	•	
-				0	OTHER	5 N			
				_	RIDGE TYP	E			
				o su	PPLIED A	IR			
				o	SCBA				
				0	AIRLINE				
			(0	ESCAPE !	BOTTLE			
				0	OTHER _				
		4)	PROTE	CTIV	E CLOTHII				
				•	HARD HA	r			
EYE	PROTECTION			во	DY PROTE	CTION			
	SAFETY GLASSES			•	TYVEK		0	HOOL	
0	CHEMICAL RESIST	TKAT	GOGGLE		POLYTYVI	EK	0	HOOL	
0	FACE SHIELD				SARANEX		0	HOOL	DED
0	OTHER			0	SIGEL				
				0	PVC	_			
				0	NEOPRENI				
					RAINGEAL	R (PVC)			
Ŋ				0	BUTYL				
				0	OTHER				
BOOT				GLOV					
•	LEATHER- STEEL	TOED)	LATEX			0	LEAUHER
0	PVC-STEEL TOED				SURGICAL	. RUBBE	R	•	COLLON
0	NEOPRENE-STEEL	TOED)	VITON			0	OTHER
0	PVC BOOTIES			2	PVC	_			
0	TYVEK BOOTIES)	NEOPRENE				
0	OTHER				NEOPRENE		ED)		
			C)	SILVERSH	IIELD			
ОТНЕ	CR		1.	TEART	ING PROTE	CTTON			
O I II L	/4\				EAR MUFF				
					EAR PLUG				
					OTHER _				
				-					<u> </u>



SAFI	ETY EQUIPMENT		
0	SAFETY SHOWERS	0	FUME HOOD
•	EYEWASH	0	GROUNDING RODS
•	BARRIERS	0	LIFELINE/HARNESS
0	WARNING SIGNS	0	EXTRACTION DEVICE
•	BARRIER TAPE	•	AIR HORNS
•	WATER/GATORADE	0	TARPING RACK
0	DECON BARRELS		
0	LIGHTING		
•	FIRE EXTINGUISHERS	3	
0	OTHER		
	MUNICATION SYSTEMS		
DESC	CRIBE <u>verbal</u>	 	
	Visual		
	air herens		
	TARY FACILITIES		
•		WATER	
DESC	RIBE on-site we	11 Wat	ee and deinking
<u>wa+</u>	ke:		
_	D071 D00		
	TOILETS	1	
DESC	RIBE on-site t	aceleti	· es
•	LIGHTING		
		ing de	sulicht bases
	RIBE WORK dup	7 30	yigh was



PERSONNEL MONITORING PLAN

INITIAL AIR MONITORING REQUIRED O YES • N
IF YES, EXPLAIN STRATEGY
IF NO, EXPLAIN STRATEGY
NA
DIRECT READING INSTRUMENTATION
O COMBUSTIBLE GAS/OXYGEN METER
O DRAEGER TUBES
O PHOTOIONIZATION DETECTOR
O FLAME IONIZATION DETECTOR
O INFRARED DETECTOR
O AEROSOL MONITOR
O OTHER N/A
DESCRIBE STRATEGY (FREQUENCY, LOCATIONS, ETC
DESCRIBE CALIBRATION PROCEDURES
SAMPLE COLLECTION INSTRUMENTATION
O SAMPLING PUMPS AND MEDIA
DESCRIBE SAMPLING METHODS (INCLUDE MEDIA TYPE
ANALYTES, NIOSH METHOD NUMBER IF APPLICABLE
N/A
DESCRIBE SAMPLING STRATEGY
N/A



	DES Ve	CRIBE	ESS MO MONIT Gate	ORI	NG ST	RATEG	Y Y	542/	200
	OTH			0	YES	0	ОИ		
	OTH: DES	ER CRIBE		0	YES	0	МО		
s	of monitoring technician <u>Rob Hule</u>							(u) (o+	



XIV. ENCLOSURES

ENCLOSURE 1

SITE SAFETY OFFICER RESPONSIBILITIES

THE SITE SAFETY OFFICER OR DESIGNEE WILL ENTER BEFORE ANY WORK BEGINS AND WILL VERIFY THAT THE ESTABLISHED ZONES ARE IDENTIFIED AND ESCAPE ROUTES ARE CLEAR.

THE DAILY SITE ENTRY PROCEDURE WILL INCLUDE THE FOLLOWING:

- DETERMINE THE WIND DIRECTION AND STAY APPRAISED OF IT THROUGHOUT THE SAY. IDENTIFY THE DIRECTION DURING THE TAILGATE SAFETY MEETING OR INFORMALLY WITH EACH AFFECTED EMPLOYEE.
- CONFIRM THE PROPER PLACEMENT OF EMERGENCY INFORMATION AND OPERATIONAL STATUS OF EQUIPMENT AND THE DECONTAMINATION FACILITY.
- MONITOR THE AIR AS NECESSARY FOR CONDITIONS THAT MAY CAUSE INJURY OR EXPOSURE AND RECORD ALL DATA.
- VISUALLY OBSERVE FOR SIGNS OF ACTUAL OR POTENTIAL LIFE OR HEALTH THREATENING HAZARDS.
- NOTE PHYSICAL CONDITIONS OF THE SITE. DETERMINE POTENTIAL EXPOSURE PATHWAYS.
- USE SURVEY TAPE OR MARKERS TO IDENTIFY NEW BOUNDARIES OF THE ZONES.
- DOCUMENT SITE ACTIVITIES IN A DAILY LOG. RECORD OBSERVATIONS RELATED TO FIELD CONDITIONS AND THE SITE.



ENCLOSURE 2 GENERAL SAFE WORK PRACTICES

- ALL ACCIDENTS AND INCIDENTS MUST BE REPORTED TO YOUR SUPERVISOR IMMEDIATELY.
- ALL DEFECTS/MALFUNCTIONS WHICH APPEAR DURING THE CURSE OF THE WORK SHIFT MUST BE REPORTED TO THE SUPERVISOR.
- NO EATING, DRINKING, SMOKING, CHEWING TOBACCO OR GUM, OR APPLYING COSMETICS IS ALLOWED IN THE EXCLUSION OR CONTAMINATION REDUCTION ZONES.
- EMPLOYEES SHALL INFORM THEIR SUPERVISOR OF ANY PRESCRIPTION MEDICATIONS OR MEDICATIONS AFFECTING THEIR ABILITIES THEY ARE USING WHILE AT WORK.
- EMPLOYEES SHALL NOT SHOW UP FOR WORK UNDER THE INFLUENCE OR IN POSSESSION OF ALCOHOL OR ILLICIT DRUGS.
- ONLY CWM APPROVED PROTECTIVE EQUIPMENT SHALL BE USED BY CWM EMPLOYEES.
- EMPLOYEES SHALL NOT REMOVE OR DISTURB ANY COVERING, GUARDS, OR SAFETY DEVICES PLACED ON VEHICLES, GEARS OR OTHER MOVING EQUIPMENT OR MACHINERY EXCEPT TO PERFORM MAINTENANCE OR REPAIRS. WORK ON THE EQUIPMENT SHALL NOT COMMENCE UNTIL THE EQUIPMENT HAS BEEN DEACTIVATED, SOURCES OF ENERGY REMOVED, AND THE CONTROLS ARE LOCKED AND TAGGED OUT.
- BEFORE STARTING ANY VEHICLE OR MACHINERY, OR TURNING ON ELECTRICITY, GAS, STEAM, OR AIR, EMPLOYEES WILL CHECK THE ENTIRE AREA TO INSURE IT IS SAFE TO PROCEED WITH THE WORK. OUT OF SERVICE OR LOCKED OUT EQUIPMENT IS NOT TO BE STARTED BY ANYONE, UNLESS AUTHORIZED BY SUPERVISION.
- EMPLOYEES SHALL MAINTAIN GOOD HOUSEKEEPING OF THE FACILITIES AND REMOVE OR DISPOSE OF ALL UNNECESSARY MATERIAL.
- SPECIAL OPERATIONS INCLUDING CONFINED SPACE ENTRY, HOT WORK, DECOMMISSIONING OF EQUIPMENT FOR REPAIRS REQUIRE PERMITS TO BE SIGNED BY AUTHORIZED PERSONNEL. A DESCRIPTION OF THE PROCEDURES WILL BE INCLUDED IN THE ENCLOSURE SECTION.
- -TRENCHING OR EXCAVATIONS MUST BE SHORED OR SLOPED OR APPROPRIATELY PREPARED AS REQUIRED BY OSSA STANDARDS. A DESCRIPTION OF THE TECHNIQUES TO BE USED IS INCLUDED IN THE ENCLOSURE SECTION IF APPROPRIATE.



ENCLOSURE 3 WORK ZONE MAP See (Page 5)



ENCLOSURE 4 DECONTAMINATION PROCEDURES

O Remove typek and gloves before leaving week sees. Place in plastic bags.

(D' Dey Decon with brushes and/or showels.



RESPIRATORY EQUIPMENT CLEANING, MAINTENANCE AND STORAGE PROCEDURES ENCLOSURE 5

O wash with soop and water.

3) Wake Rinse and sip day.

(3) Store in plastic bogs.



ENCLOSURE 6 CWM INTERNAL CALL LIST

IN THE EVENT OF INJURY, FIRE, EXPLOSION, SPILL, RELEASE, OR OTHER NON-ROUTINE EVENT, IMMEDIATELY CONTACT ONE OF THE FOLLOWING PEOPLE, STARTING WITH

1. Joe Zoen	(415) 770-0575	(415) 538-4628
NAME	BUSINESS NO.	HOME NO.
Don Shosky	(303) 289-4827	(303) 329-0906
2. August Ochstoner	(415) 710-0575	(415) 651-4073
NAME	BUSINESS NO.	HOME NO.
3. <u>Chery! Grede</u>	GIS) 770-0575	(415) 551-8755
NAME	BUSINESS NO.	HOME NO.
1. Shari Samuels	(415) 651-2964	(915) 355-7699
4. Shari Samuels NAME	BUSINESS NO.	HOME NO.

Stylagee 1-800- Sty-Page

Bob Hulet 20447

Don Shasky 20457



ENCLOSURE 7 HAZARDOUS WASTE OPERATIONS CONTINGENCY PLAN

GENERATOR:	NAME: Southeen	Union Gas Co.
LOCATION:	5 miles South	of Lovington NM on Hury 18
CONTACT:_	Russel Buss	PHONE # 409-962-8888
PROJECT MA	NAGER: <u>Bob Hu</u>	let
EMERGENCY	PHONE NUMBERS:	
	POLICE <u>9//</u>	INTERPLANT
	FIRE <u>9//</u>	HOSPITAL <u>505-392-658</u> 1
	POISON CONTROL	9//
·	NATIONAL SPILL RES	SPONSE CENTER
	FEDERAL/LOCAL AGEN	ICIES OCO 505-827-5812
ADDRESS: ROUTE TO: _/0	Lea From Refining Regional Huspi	Co., South of Hay 18 ital is on the eight.
CONTACT:		
ALTERNATE	CONTACT:	
EVAÇUATION	ALARM DESCRIPTION	: Verbal or Air Horn
LOCATION O	F ALARM BOXES:	
EVACUATION	ROUTE DESCRIPTION	: See page 5 (Site Layout)



ASSEMBLY	AREA	DESC	CRIPTION:_	Poeting	lot.			• •		
EVACUATIO	ON ROU	JTE/	EMERGENCY	EQUIPMENT	STATION	MAP	:	See	(poge	5)



MEDICAL PROVIDER ROUTE MAP: See (Page 5)



EMERGENCY EQUIPMENT:

LOCATION OF EMERGENCY EQUIPMENT

	FIRST AID STATION	0	ABSORBENT
	FIRE EXTINGUISHERS	•	SHOVELS
	EMERGENCY EYEWASH/SHOWER	0	SQUEEGEES
	LIFELINE/HARNESS	0	OVERPACKS
	SCBAS	0	NEUTRALIZING MAT'L
	AIR MONITORING EQUIPMENT	0	WALKY TALKIES
	SPECIFY	0	OTHER SUPPORT EQPT
	GLOVES SPECIFY <u>Coffon</u>	SPEC	IFY
	BODY SUIT SPECIFY		
•	BOOTS		
i	SPECIFY		



LIST OF CONTAMINANTS PRESENT AND SYMPTOMS OF EXPOSURE AND POSSIBLE AND POSSIBLE MEDICAL EVALUATION/TREATMENT:

Chromium dus	t- in soil.
O Eyes- O Skin 3 Swallen	- ierigate immediately - Flush with water y- Medical attention immediately
Tanget ongen	= skin.
HAS COPY OF CONTINGEN	NCY PLAN BEEN RECEIVED BY HOSPITAL LISTED?
OYES	ONO
IS IT DOCUMENTED? OYES	ОИО
OTHER AGENCIES THAT H	HAVE RECEIVED THE CONTINGENCY PLAN:
·	DOCUMENTED:
	DOCUMENTED:
	DOCUMENTED:
	DOCUMENTED.



SPILL/ RELEASE PROCEDURES
In case of Spill contain.



EMPLOYEES RECEIVED CONTINGENCY PLAN BRIEFING:

- PRINT	SIGNATURE
Bab Hulet	Bob Halet
John Mejek	John Meier
Darrel Hellman	Davil Hollen

CHEMICAL WASTE MANAGEMENT, INC.



Projec: Southean Union 625 Date Map. 31990 Time 7:00 AMPM
Froject Number 89-84-1598 Project Location Louington Nm
Client Southern Union GRS Client Address 5 mile S. of Lovington on Hu
Project Activity (Soecity: Mobilization, Begin excavation of
Cheome continuoste acound cooling tower.
- SAFETY TOPICS -
Chemical Hazards Cheome dust
Privaical mazares Stay clear of heavy equipment; stay clear of
excauations; Watch for slip, trip, fall; use proper lifting Respiratory Projective Equipment Half face w/ of carteidal technique
Respiratory Protective Equipment Half face of OA caeteidae technique
and dust filter while handling EP tox. cheome soil
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Level Cabile
bondling El tox. otherwise medified level D.
Specific instructions Utilize fire hoses to suppress dust
Hospital / Clinic Hobbs Health Case Center Phone (505, 392-6845
Hospital Address 5715 Louington Huy 1665 NM.
Paramedic ()
Emergency Procedures Coast Guard for Toxic Spils 800-924-8802
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier John Meier
Jahr Neige John Meier Shaar Noy
Meeting Conducted By Bab Hulet Bullfuler
Meeting Conducted By Bab Hulet Bullfuler



Project Southern Union 625 Date Ma	
Frojec: Number - 89 5: 04-1598 Proje	ect Location <u>Lawington</u> NM
Client Southern Union Gas Client Ad	idress 5 miles of Lovington on they i
Project Activity (Soecity: Continue excavate	in af cheone cont.
waste around cooling tower.	
- SAFETY TOP	ICC
Chemical Hazards Cheone dust	
Priviled mazares Stay close of heavy	y equipment; stay close
et excavations; watch fer slip	trip fall; use people listing
Respiratory Protective Equipment Holf Face up	I At westridge teeningue
and dust filter while hand	dling Et. tox cheone soil
Safety / Personal Protective Equipment / Clothing (List specif	
while landing FR TOX. othera	ise natified Level D
Specific instructions <u>Il Hilize</u> fice hoses	
Hospital / Clinic Hobbs Health Care Cen	EL Phone (505, 392-6895
Hospital Address 5715 Couington Hug	y Hobbs NM
Paramedic ()	
Emergency Procedures _ Coast bused	•
- ATTENDEE	5
NAME (Please Print) NA	ME (Signature)
John Meier	John Moier
- Shown Nay	Som May
Meeting Conducted By Bob Hulet	Sol Hules
Supervisor Late Mules	



Projec: Southern Union Gas Date Mi	22 9,1890 Time 6:30 AMPM
Froject Number 89-24-1598 Project	ct Location Louington Un
Client Southern Union Gas. Client Add	liess 5 miles 5. of Loving ton on h
Project Activity (Soecity: Continue excedents	ion of cheome cont
Waste secund cooling tower;	cover waste piles.
- SAFETY TOPIC	cs —
Chemical Hazards Cheome dust	
Physical mazares Stay dear of Kesuy	equipment; stay close of
excountions; watch for slip, trip	fall; use people lifting
Respiratory Protective Equipment Half face	of not coefficiely technique
and dust filter while handling	
Safety / Personal Protective Equipment / Clothing (List specific	
handling EP tox. offewise m	odified Level D
Specific Instructions Utilize fire hoses	
Hospital / Clinic Holds Health Cope (e)	14R Phone (505, 392-6845
Hospital Address 5715 Louington A	buy Hobbs NM
Paramecic ()	
Emargency Procedures <u>Coast Guard</u>	800-424-8802
- ATTENDEES	_
NAME (Please Print) NAM	ME (Signature)
John Meier	ohn Meier
Shawn May	Short Jay
Meeting Conducted By Bob Huler	Let Hulez
Supervisor Bol Heeles	•

TAILGATE SAFETY MEETING

Division/Subsidiary MAAC / DENUM
Date: 3/12/90 Time: 6800 Project: 90.01.1598
Customer LEA REFINERY Address: Lovinson New Marko, History
Customer Contact: KISSEC 1855 Phone # 409-912-8588
Specific Job Location: Corne Touse
Type of Work: SON EXCAPATION & SPECKPILE
SAFETY TOPICS PRESENTED
Protective Clothing/Equipment: LEVEL D MONGRO CHAN
RESIST BOOTS, TYUEKS IF IN SOIL CONTART.
Chemicals Used: CHROMIUM, ZINC
Chemical Hazards: Augus Skin Connet, and Intraction is
DUSTY WATTER AREA AND WHOLE DUST RESPIRATION IN NECESSARY
Physical Hazards: Sup, TRID + FALL, HANY EQUIPMENT OPERATION.
NO UNDERCROUND UTILITIES - EVERYTHING WERED OUT AND BLOCKED,
Emergency Procedures: EURLATE TO FRONT PARKING COT. NOTIFY
KATHY AT FRONT DESK, FIRE OR AMOURANCE - 911
Special Equipment:
Hosp/Clinic: LEA County / tospin Phone: 372-2501 Paramedic Phone:
Hospital Address Hichury 18 - South
<u>ATTENDEES</u>
NAME PRINTED SIGNATURE
Thank lay
John Meier John Meier
Meeting Conducted By: LARRY WOURS Signature
Name Printed Signature
SUPERVISOR: Bob Sheet MANAGER:
SUPERVISOR: MANAGER:



Project: 90-04-1598 Date 3/13/90 Time 0807 AM/PM
Project Numge: Southern Mar (715 Project Location Louis Hours.
Client Address Client Address
Project Activity Specify: ExcHATE UNDER COOLING TOWER CONTAINMENT
WHILL, BAKE 2'.
- SAFETY TOPICS -
Chemical Hazaros Cificonica
Privileal mazares Sup Truin GARL HEAVY ECUIPMENT GRANTICA,
CAVE OFF, CAVE IN
Respiratory Protective Equipment LETEL D PRODICED - 11= NO DIST
first Mask lespiriones in DUST AND AIRMINEUR PARTICULATED
Salety / Personal Protective Equipment / Clothing (List specifically for each activity)
OPERATORS - LEYEL D.
Specific Instructions Do NOT STAND OK WOCK NEAR EDGE
OF DEP EXCAPTION.
Hospital / Clinic LEA REGIONAL HOSPITAL Phone (505)
Hospital Address Louwison Hours, 9 mices south or SITE
Paramedic (9/1) Fire Dept. (9/1) Police Dept (9/1)
Emergency Procedures ENACHTE TO ASSETURCY ARCH, NOTICY
KATITY IN OFFICE, CALL 911 FOR KIRE OR ANSULANCE.
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier Johnny Meior
Shown Nay
Steve Tischer There P. Fischer
Meeting Conducted By LARRY YOUNCESS The State of the Stat
Supervisor Bot Hage



Project Southern Union Gas Date Mar. 15, 1990 Time 7:00 EMPM
Froject Numoe: -89-04-1598 Project Location Louington NM
Client Russell Buss Client Address 5 miles 5 of Louisgton NI
Prolect Activity (Specify: Continue Excavation of overflow pand.
Segregate into 200 cy stockpiles
- SAFETY TOPICS -
Chemical Hazards Skin Contact and Inhalation of VOA'S
Benzene, xulene, naphalere, Nitrobenzene, Toluene.
Privillal mazares Heavy Equipment Opers tion, open trenchs;
Slip, teip, & fall; Impeoper lifting techniques.
Respiratory Protective Equipment Half face of OA combination and
dust filter (Modified Level C)
Safety / Personal Protective Equipment / Clothing (List specifically for each activity)
Rubbere boots, hard hat, safety glasses, huet
Specific Instructions Decan before lawing weeffow pond
Hospital / Clinic <u>Lea Regions (</u> Phone (<u>505, 1-392-658)</u>
Hospital Address 5 miles north of Hobbs on Huy 18
Paramedic ()
Emergency Procedures
- ATTENDEES -
NAME (Please Print) NAME (Signature)
Shawn Nay for / lay
John Meier Jahn Meier
Meeting Conducted By Bob Hulet Bol Hulet
Meeting Conducted By Bob Hulet Bot Hulet



Project Southern Union 625 Date 180.16,1990 Time 7:00 AMIDM
Froject Numbe: 89-84-1598 Project Location Louington um
Client <u>Russell Buss</u> Client Address <u>5 miles</u> 5 of Coungfor N
Project Activity 150ecity: Continue Excountion of wepflow Pond.
Segregate into 200 cy Stockpiles.
- SAFETY TOPICS -
Chemical riazaros Stin contact and Inholotion of UOA'S
Berzere, Xylere, Naphalere, Nitrobenzere, Tolvere
Privillal mazares Neary Equipment specifion; open trenches;
Sip, trip, & fall; Impregne lifting techniques.
Respiratory Protective Equipment Half face of A combination of
dust filter (modified Level C)
Safety / Personal Protective Equipment / Clothing (List specifically for each activity)
Rubber 600ts, hard hat safety glasses, tyrek
Specific instructions Decon before leaving overflow pond
Hospital/Clinic Lea Regional Phone (505, 342-658/ Castonal
Hospital Address 9 miles south of site on Huy 18
Paramedic :
Emergency Procedures
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier John Muer
Shown Nay Shows Thay
·
Meeting Conducted By Lob Haler Bot Haler Supervisor Bot Haler
SUDANUSCU FOR HULCH

DAILY SAFETY BRIEFING REPORT Project So. UNION GAS Date 3-19-80 Time 0630 AM/PM Project Number 89-04-1598 Project Location COUNCION NM Client RUSSELL BUSS Client Address 5 MILES SO. OF LOUINGTON WAS Project ACTIVITY (Soecity: CONTINUE EXCAUATION OF QUERFLOW POND SECREGATE INTO 200 CUIVA STOCKAILES. - SAFETY TOPICS -Chemical Hazaros SILIN CONTACT AWD. IN HACATION OF UOA'S. BEWZENE XVIENT NAPTHALEME NITROBERTIENE TOLLIEWE Physical mazares HEAUY EQUIPMENT OPERATION OPEN TREWCHES SUPTRIP FALL CIFTING UNEUEN GROUND Respiratory Protective Equipment 1/2 MASIK WOA COMBINATION AND DUST FILTER (MODIFIED LEVEL-C) Safety / Personal Protective Equipment / Clothing (List specifically for each activity) STEEL YOUTH RUBRER BOOTS, HARD HAT, SAGETY GLASS, TYVEK Specific Instructions DECON BEFORE LEAVING OUR FLOW POND Hospital / Clinic (FA REGIOWAL Phone (505, 392-658/ COISTHURE) HOSDITAL ACCIOSS 9 MILES SOUTH OF SITE ON HUY 18 Emergency Procedures EVAC-TO OFFICE BULLDIAG

TTENDEES —
NAME (Signature)
John Reier
Beb/Juler

Project So. UNION GAS DATE 3-20-90 Time 0630 AMIPM
Project Numbe: 89-04-1598 Project Location LOUING TOWN NAM
Client RUSSELL BUSS Client Address 5 MILES SO. OF LOUINGTON WAY
Prolect ACTIVITY ISOECITY: CONTINUE EXCAUATION OF OVERFLOW POND
SECREGATE INTO 200 CU/VD STOCK BILES, LOCAD OUT COOLING TOWER
- SAFETY TOPICS -
Chemical Hazards SILIW CONTACT AWD. IN HACATION OF UOA'S
BEWZENE XVIENT NAPTHALEME NITROBERTENE, TOLLEWE
Privileal mazares HEAUY FQUIPMENT OPERATION, OPEN TREWELLS
SCIPTRIP FACE CIFTING UNCUEN GROUND
Respiratory Protective Equipment 1/2 MASIC WOA COMBINATION AND DUST
FILTER (MODIFIED LEVEL-C)
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) STEEL TOED
RUBATA BOOTS, HARD HAT, SAFETY GLASS, TYVEK
Specific Instructions DECON BEFORE LEAVING OVER ELOW POND
HOSDITAL / Clinic LEA REGIONAL Phone (505, 392-658/ DISTANCE)
HOSCHEL ACCIOSS 9 MILES SOUTH OF SITE ON HWY 18
Paramedic : 91/ Fire Dept. () 91/ Police Dept () 91/
Emergency Procedures EUAC-TO OFFICE BULLDING
- ATTENDEES -
NAME (Please Print) NAME (Signature)
Shawn Nay Story Tay
John Meier John Mieu
Meeting Conducted By Bob Sulet Bot Hulet Supervisor Bot Gulet

Project So. UNION GAS DAIR 3-21-90 Time 0630 AMIPM
Project Number 89-04-1598 Project Location COUINGTON NIN
Client RUSSELL BUSS Client Address 5 MILES SO. OF LOUINGTON VA
Project ACTIVITY ISOBCITY: CONTINUE EXCAUATION OF OVERFLOW POND
SECREGATE INTO 200 CUIVA STOCK BILES, LOCAD OUT COOLING TOWER
- SAFETY TOPICS -
Chemical Hazards SILIN CONTACT AWA. INHACATION OF UOAL
BENZENE XVIENE, NAPTHALEME NITROBENIZENE TOLLIENE
Physical mazares HEAUY EQUIPMENT OPERATION, OPEN TREWCHES
SCIP, TRIP, FACE, CIFTING UNGUEN I-ROUND
Respiratory Protective Equipment 1/2 MASK WOA COMBINATION AND DUST
FILTER (MODIFIED CFUEL-C)
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) STEEL TOED
RUBATR BOOTS, HARD HAT SAFETY GLASS, TYVEK
Specific Instructions DECOW BEFORE LEAVING OUER FLOW POND
Hospital / Clinic LEA REGIONAL Phone (505, 392-658/ OISTANCE
HOSDITZI ACCIOSS 9 MILES SOUTH OF SITE ON HWY 18
Paramedic : 1 911 Fire Dept. () 911 Police Dept () 911
Emergency Procedures EUAC-TO OFFICE BULLDING
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Main John Mein
Shin Nay
1000
DAW OSKARSON Daul Schane
· · · · · · · · · · · · · · · · · · ·
00110
Maering Conquered By Bol Huler Bol Huler
Sugarusas DM- / HI COL

(m)

Project So. UNION GAS Date 3-22-90 Time O630 AMIPM
Froject Number: 89-04-1598 Project Location COUNTROL NIN
Client RUSSELL BUSS Client Address 5 MILES SO OF LOUINGTON WI
Project ACTIVITY ISOBOITY: CONTINUE EXCAUATION OF OVERFLOW POND
SECREGATE INTO 200 CUIVA STOCK BILES LOUAD OUT COOLING TOWER
- SAFETY TOPICS -
Chemical Hazards SILIN CONTACT AND INHACATION OF UOAL
BEWZENE, XYLENE, NAPTHALENE, NITROBERTENE, TOLLIENE
Privaical mazares HEAUY EQUIPMENT OPERATION, OPEN TREWCHES
SUIP, TRIP, FALL LIFTING, UNCUEN ISROUND
Respiratory Protective Equipment 1/2 MASK 1/0A COMBINATION AND DUST
FILTER (MODIFIED CFUEL-C)
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) STEEL TOED
RUBARR BOOTS, HARD HAT SAFETY GLASS, TYUEK
Specific Instructions DECOW BEFORE LEAVING OVER FLOW POWD
Hospital / Clinic 1 FA REGIOWAL Phone (505, 392-658/ DISTANCE
HOSDITZI ACCIOSS 9 MILES SOUTH OF SITE ON HWY 18
Paramedic ()
Emergency Procedures EUAC TO OFFICE BULLDING
- ATTENDEES -
NAME (Please Print) NAME (Signature)
DAW OSKARCOW Davie Sellarson
John Meier Colmo Meier
Show 1hr
Meaung Conducted By
Supervisor Bot Hulls

			118 3-2.3-90 Time 0630 AM
Project Nur	noa: 89-04	-1598	_ Project Location <u>sear west of carm</u>
Client R	ussen Aus	<u> </u>	Client Address P.O. BOX 2000, BRAUES
Prolect Acti	vity (Soecity: LOA)	DOUTTRU	SKS EXCAVATE SOIL AND STO
	EQUIPMEN		
		- SAFE	ETY TOPICS -
Chemical H	BZBIOS INHALA	TICH & SKIN	1 CONTACT OF KEWINAL
70661	EWE NAPTHA	LENE NITE	OBENZEWE, (HROGGIUMA
	,	•	EAUX EQUIPMENT CPERATIONS
	,		WWD, LIFTING, SHARP EDGES
	•		K OU/AG CHATRIMEES YOUST
			ADE IN SPECIFIED AREAS)
Safety / Par	sonal Protective Equi	pment / Clothing (Li	list specifically for each activity) Pocktyvek
			POOTS, CLOVES (DIXUN GRADE IN
	tructions $\mathcal{B} \in \mathcal{C}$		
lospital / Ci	linic LEA Co	ZUNTV	Phone (, 9// -
	dress <u>&MI iVi</u>	١,	•
Paramedic :	•	•	
			DFFICE BUILDING.
	,	Z. Z	
		— AT⊓	TENDEES —
NAME (Plea	•		NAME (Signature)
yohn	Meier		- John Mair
Showa	Na;		- Con Hay
·			
			
			•



Project Southern Union 6as Dall Time AMIPM
Froject Numbe: 89-04-1598 Project Location Louington N.M
Client Southern Union 6as Client Address 5 miles 5. of Lovington - Hwy 18.
Project Activity (Specify)
- SAFETY TOPICS -
Chemical reasons Zinc chemote dust, NOA 15 @
overflow pond
Privaical mazzares Stay Clear of heavy Equipment; stay Clear
of excavations; watch for slip, trip, fall; use proper lifting technique
Respiratory Protective Equipment
Safety / Personal Protective Equipment / Clothing (List specifically for each activity)
Safety glasses, steel toed safety boots
Specific instructions utilize fire hose for dust control popularly
a cooling tower
Hospital / Clinic Lea Regional Hospital Phone (505, 392-6845
HOSDITED AGGRESS 5715 Louington Hwy Hobbs NM.
Paramedic : 911 Fire Dept. () 911 Police Dept (505) 397-2431
Emergency Procedures Coast Guard 800-424-8802
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier Lahn Meier
Shawn Nay
0.11.
Meeting Conducted By Bob Hulet Bal Hulet Supervisor Bol Hulet
Supervisor <u>Bol Hulet</u>

210jes: Southern Union Gas car	Time AM/PM
Froiec: Numbe: 89-04-1598	Project Location Louing ton NM+
	lient Address 5 miles So. of Louington Hwy 18
Protect Activity (Soedify)	
	·
CASST	Y TOPICS -
Chemical mazares Skin contact , in	•
5011	HALLATION WHE TO CONTAM
•	equipment, stay clear of executions
watch for stip trip, fall use proper	- litting techniques
Respiratory Protective Equipment 1018	
Safety / Personal Protective Equipment / Clothing (List	
Safety silasses, steel toed boo	45
Specific Instructions <u>utilize</u> fire Hoses	for dust control
Hospital / Clinic Lea Regional	Phone (<u>505</u> , <u>392</u> - <u>6845</u>
Hospital Accress 5715 Louington A. H.	wy Hobbs N.M.
Paramedic ()	Police Dect 505: 397-2431
Emergency Procedures Coast Guard	800 -424 - 8802
4775	NDEES -
NAME (Please Print)	NAME (Signature)
John Meier	Qohn Meier
	May 7 mg
Shawn Nay Larry Youngless	Jan J.
	/ / / / / / / / / / / / / / / / / / /
Maeting Conducted By	
Pal d D	

/ J.

Project Southern Union Gas Case March 27 Time 6.50 GAPM
Froject Number: 89-04-1598 Project Location Louington N.M
Cliem Southern Union 6as Client Address 5 miles S. of Louington - Hwy 18.
Project Activity (Specify)
- SAFETY TOPICS -
Chemiczi razzies inhalation + Skin contact of , zinc Chromate
dust + Voas c + over flow pond
Envaical mazzres Stay clear of heavy Equipment; stay clear
of excavations; watch for slip, trip, fall, use proper lifting techniques
Respiratory Frontactive Equipment None
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hoad Hats
Safety glasses, steel toed safety boots
Scecific instructions utilize fire hose for dust control particulary
at cooling tower
Hospital / Clinic Lea Regional Hospital Phone (505 1392-0015)
Hospital Aggress 5715 Louington Hwy Hobbs NM.
Paramedic () 911 Fire Oapt. () 911 Police Dept (505): 397-2431
Emergency Procedures Coast Guard 800-124-8802
_ ATTENDEES _
NAME (Signatura)
John Meier John Meier
Men / all
Shawn Nay
Bob Hule+
Maering Conducted By Bob Hules Supervisor Bel Hules
Sugervisor

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Project Southern Union Gas Our March	28,199Ame 630	- GMPM
Froject Numbe: 89-04-1598 Project Loc	cauen Louington N.M	
Client Souther Union 6as Client Address	5 miles S. of Louington	-Hwy 18
Project Activity (Specify)		,
- SAFETY TOPICS -		
Chemical mazares . 5 Kin and Inhalton Con		•
Contam. Soil		
Physical mazares Stay clear of Leavy Equip	ment, stay clear	
of excavations; watch for slip, trip, fal	•	
Respiratory Protective Sculpment		
Safety / Parsonal Protective Equipment / Clothing (List specifically id	er each activity) Hond Har	4
Safety glasses, steel toed safety b		
Specific instructions <u>utilize</u> fire hose for de		
Hospital/ Clinic Lea Regional Hospital	Phone (<u>505</u> ,392 - 6 845	<u> </u>
l ,	bbs NM.	
Paramedic ()	Police Cect (505) 397-	2431
Emergency Procedures Coast Guard 800-	124 -8802	
- ATTENDEES -		•
NAME (Please Print) NAME (Signal NAME)	gnature)	
\mathcal{O}	ln, Meier	
Shawn Nay	an Play	
Maering Conducted By Bob Hules Supervisor Bot Hules		
Sucervisor Brt Hulet		



Project Southern Union 6as DELE March 29, 1990 Time 630 CAMPM
Fraisce Numbe: 89-04-1598 Project Location Lovington N.M
Client Southern Union 6as Client Address 5 miles S. of Louington - Hwy 18.
Project Activity (Specify)
- SAFETY TOPICS - Chemiczi mazzares inhalation and skin contact due to
· · · · · · · · · · · · · · · · · · ·
Contam. Soil
Privaical mazares Stay Clear of Leavy Equipment, stay Clear
of excavations; watch for slip, trip, fall; use proper lifting techniques.
Respiratory Protective Equipment Non-e
Satety / Personal Protective Equipment / Clothing (List specifically for each activity) Hond Hat,
Sofety glasses, steel foed sofety boots
Specific instructions utilize fire hose for dust control
HOSDITE! / Clinic Lea Regionel Hospital Phone (505, 392-6845
HOSERIEL AGGRESS 5715 Louington Hwy Hobbs NM.
Paramedic :
Emergency Procedures Coast Guard 800-424-8802
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier <u>Aohn Meier</u>
Shawn Nay Shawn 7 kg
Maering Conducted By Bob Hules Supervisor Bot Hules
Sucarrison Bot Hullet



Project _a) outlern Union 6as	0218 Mar. 30, 1999ime 6.30 AMPM
Frages: Numbe: 89-04-1598	Project Location Louington N.M
Client Southern Union 6as	Cilent Address 5 miles S. of Lowington - Hwy 18
Project Activity (Specify)	· · · · · · · · · · · · · · · · · · ·
	TETY TOPICS —
Chemical reserves Inhatation and	skin contact with
Contam. soil	
	heavy Equipment; stay clear
of excavations; watch for sl	ip, trip, fall; use proper lifting technique
Respiratory Protective Equipment	
Safety / Personal Protective Equipment / Clothing (I	List specifically for each activity) Hond Hot,
Safety glasses, steel foed	Sofety boots
Specific Instructions <u>utilize</u> fire how	•
tesensi / Clinic Lea Regional Hospital	Phone (505 ,392 - 6845
tospital Ageress 5715 Louington Ho	• .
	_) 911 Police Cect (505) 397-2431
margancy Proceduras Coast Guard	•
marganty Proceduras Coust Octave	000
— A7	TENDEES -
NAME (Please Print)	NAME (Signature)
John Meier	John Muer
Shawn Nay	Mon Vary
leering Conducted By Bob Hule	<u></u>
ucarvisor Bol Halor	



Project Southern Union 6as Care	Time	_ AM/PM
Frages: Number: 89-04-1598		
Client Southern Union Gas C		-Hwy 18.
Project Activity (Specify)		
	Y TOPICS —	
Chemiczi nazarcs Skin contack + 1	nhalation due to contom	
5011		
Physical mazzres Stay Clear of hea	my Equipment, stay clear	•
of excavations; watch for slip,	trip, fall, use proper lifting	technique
Resouratory Protective Equipment None		
Safety / Personal Protective Equipment / Clothing (List	specifically for each activity) Hond Ho	<u> </u>
Safety glasses, steel foed	sofety boots	
Specific instructions <u>utilize</u> fire hose		
Hospital / Clinic Lea Regional Hospital	Phone (505 ,392- 6845	5
Hospitzl Agorass 5715 Louington Hwy	_	
Paramedic () Fire Dapt. (- <u>243/</u>
Emergency Procedures Coast Guard	•	
and dated a constant		
_ ATTE	NDEES —	•
NAME (Please Print)	NAME (Signature)	
John Meier	John Muer	
Shawn Nay	Mun I lay	
		· · · · · · · · · · · · · · · · · · ·
Maering Conducted By Bob Hules		
Sucarrison Bot Hulet	•	

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Project Southern Union Ga	CS Cate Time AM/PM
Froise: Numos: 89-04-1598	Project Location Louing ton N.M
Cliem Southern Union 6as	S Client Address 5 miles S. of Lovington - Hwy 18.
Project Activity (Specify)	7
	- SAFETY TOPICS -
Chemical marging Skin Cantact	and inhalation possibilities due.
to contam. soil	
of executives in the	of heavy Equipment; stay clear
	or slip, trip, fall; use proper lifting technique
Respiratory Protective Equipment NON	
Caire	
Safety / Parsonal Protective Equipment / Cla	coning (List specifically for each activity) Hond Hat
Sofety glasses, steel,	toed sotely boots
Specific Instructions <u>utilize</u> fire	: hose for dust control
HOSEREI / Clinic Lea Regional Hose	Phone (505 ,392 - 6845
Hespital Accress 5715 Louington	Hwy Hobbs NM.
Paramedic ()Fire Oa	apr. () 911 Folics Dect (505; 397-2431
Emergency ProceduresCoast 6 u.	ard 800-124-8802
	_ ATTENDEES _
NAME (Please Print)	NAME (Signature)
John Meier	John Meier
Shawn Nay	Then Mad
Maering Conducted Ey Bob 146	ale +
supervisor Bot fullet	



Stoiec: -	Southern Union	<u>695</u> 0218		Time	АМ/РМ
לומופכן אנו	moa: 89-04-1	598	Project Location L	ournation N.M	
	Southern Union.				n-Hwy 1
	civity (Specify)				,
					·
Participality and a second		CASS	f TOPICS —		
~	ink. / /			10 00 16	
	-87310s Inhalation	K SKIN	CONFRCE QU	r ro conta	ğı.
	071	O 1			
	azares Stay cle		▼	•	
	xcavations; wat		trio, tall; use	proper litting	<u>techniq</u>
Resolution	/ Protective ಕೆಂಬುಂಗಾಕಗt	None			
			-		
_	rsonal Protective ड्यणंद्राता			civity) Hord Ha	14
_	g/258C5); 5H		_		
Specific Ins	structions <u>utilize</u>	fire hose	for dust C	antrol .	
		. :			
Hospital / C	Minic Lea Regional	Hospital	Phone (,	505 ,392-684	<u>5</u>
Hospital Ad	icress <u>5715 Loui</u>	naton Hwy	Hobbs 1) M	
a:samec:c	<u> </u>	Fire Capt. () <u>911</u> Poli	ca Cect (505) 397	1-2431
Emergancy	Procedures Coast	6 uard	800-424-	8802	
		_ ATTE	NDEES —		
NAME (Fla	ses Grian		NAME (Signatura)		
John	•		John P	1 eier	
Shaw			Man 1	Tan	
_ UNAW	10 001			7-7	
					
	B	6 Hulos			
weening Co	anducted By Boo	,		•	



Project Southern Union Gas c	Time AMPM
Frager Numbe: 89-04-1598	
	Cilent Address 5 miles 5. of Louington - Hwy 18
Project Activity (Specify)	
CASI	ETY TOPICS -
Chemiczi Hazarca Skin Contact +	•
Contam. Soll	mine griss pac ro
	<i>S</i> 1 2 21
Physical mazares Stay Clear of h	
	p, trip, fall; use proper lifting technique
Respiratory Protective Contement	
_	ist specifically for each activity) Hond Hat,
Safety glasses, steel foed	•
Specific Instructions <u>Utilize</u> fire hos	se for dust control
Hospital / Clinic Lea Regional Hospital	•
Hospital Accross 5715 Louington Hw	
• •	_) 911 Folics Dect (505) 397-2431
Emergency Procedures _ Coast Guard	800-424-8802
_ ATT	TENDEES -
NAME (Please Print)	NAME (Signature)
John Meier	John Meier
Shawn Nay	Stum Pay
Maering Conducted By Bob Hules Supervisor Bob Sules	<u> </u>
Sucarvisor Bob Saler	•



Project Southern Union Gas 0218 4/18/90 Time 06/5 AMIPM
Froject Numoe: 89-005-1598 Project Location 5 mi west of Lovington
Client Address PO Box 2000
Project Activity ISOBCITY: LOAD TRUCKS WITH STOCKPILED SUICS FROM
OVERFICIN POND EXCAVATION
- SAFETY TOPICS -
Chemical mazaros
Physical mazzares Stay clear of heavy equipment, stay clear of excevations,
watch for slip trip fall Use proper lifting
Respiratory Protective Equipment Half Face W/AA CARtridge and dist filter While
hadling EP tox. Charme soil
Satety / Personal Protective Equipment / Clothing (List specifically for each activity) Level C whill
foodling Ep tox otherwise modified Level D
Specific Instructions Utiliar fine hoses to suppress dust
HOSDICAL / Clinic Hobbs Helth Care Phone (505-392-6845
Hospital Accress 5715 Louisaton Huy
Paramedic : .) 911 Fire Dapt. () 911 Police Dect 605 ; 347 -2431
Emergency Procedures Lost Gua RD 800-424-8802
ITTENDESC
— ATTENDEES — NAME (Please Print) NAME (Signature)
NAME (Please Print) NAME (Signature) Shown Nav
and Meier Oran Meier
Join 1
Meeting Conducted By LARRY Younges for Soll
Supervisor Box Hulea ()



Project Southern Union Gas Dale 4/19/90 Time 0615 GMPM
Froise: Numos: 89-64-1598 Project Location Louington NM.
Client Southern Union Gas Client Address 5 miles 50 of Lovington Hwy 18
Project Activity (Sobolity: LOAD FAD Dumps with STUCKPICED Sois
FROM OVERTION POND EXCANATIONS
- SAFETY TOPICS -
Chemical nazaros
Privaical mazares Stay Clear of heavy equipment, stay clear of
excavations wath for slip, trip, fall, use proper lifting techniques
Respiratory Protective Equipment
Safety / Parsonal Protective Equipment / Clothing (List specifically for each activity)
Scredic Instructions utilize fire Hoses to suppress dust
Hospital / Clinic Lea regional Phone (505, 392 6845
Hespital Accross 57/5 Louington Hwy Hobbs NM
Paramedic () 9/1 Fire Dept. () 9/1 Police Dept (505) 397-243/
Emergency Procedures Coast Guard 800- 424- 8802
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier Johnny Meier
Man Vay Saun Play
——————————————————————————————————————
Meeting Conducted By Arry Yourtess
Supervisor bot Julier

(A).

/ /
Project Southan Union Gas 0218 4/20/90 Time 0615 MAPM
Froject Number: 89-64-15-18 Project Location Loverson NM.
Client Southern Union Gas Client Address 5 miles 5 of loving for
Project activity 1500city. LOAD 4 trucks with EPTOK CONTINUATED
SOIL TO TRANSPORT TO LAKE CHARLES, COMO TITULES WITH
- SAFETY TOPICS -
Chemical mazaros ZINC CHROMATE - CARCINOGOU - AUGO SKIN
CONTACT, INMINIATION + INCUSTION, LOTEL-C PPE.
Physical mazzres Stay clear of equipment Stay clear of
exclustion match for slip, trip, full use proper litting
Resouratory Protective Equipment Half Face w/or canthidge and dust
filters which handling Ep tox Chrome soil
Satety / Personal Protective Equipment / Clothing (List specifically for each activity)
PRE FOR EPTOF WAD OUT, LEVEL O FOR OVERFROW POWD.
Specific Instructions LINE TRUCKS WITH PLASTIC.
HOSDILA! / Clinic Hobbs Health Care Center Phone (505 392-6845
HOSDITAL ACCIOSS 5715 Louingfon Hay Hobbs NM
Paramecic : 1 911 Fire Dept. () 911 Police Dept (505, 397-2431
Emergency Procedures Coast Govand 800 424-8802
- ATTENDEES -
NAME (Flease Print) NAME (Signature)
John Meier John Meier
Shows Nay Man Thay
Maering Conducted By CARRY Younguess for S.
Supervisor Bol Herlet

TAILGATE SAFETY MEETING

Division/Subsidiary Enna Donne
Date: 4/21/90 Time: 07/5 Project: 89. 04-1598
Customer Southern Union GAS Address: Smich south or Country
Customer Contact: Russeu Buss Phone # (505) 396-582/
Specific Job Location: Overscow Powo Excavation.
Type of Work: Byckitic Overfrow AND EXCAPATION
SAPETY TOPICS PRESENTED
Protective Clothing/Equipment: LEVEL D-MODIFIED - HAND HAT
SMFETY GUISSES.
Chemicals Used: NA
Chemical Hazards: N/A
Physical Hazards: Sup, Thip, FALL, HEAVIJ Equipment operation, GIFTING, DRIVETING HIRE HOSE.
OPERATION, GIFTHER, DRIVETAK FIRE HOSE.
Emergency Procedures: CAL 911 FOR FIRE , AMISULANCE
Special Equipment: $N/4$.
Hosp/Clinic: Hoss / Phone: 392-6845 Paramedic Phone: 911
Hosp/Clinic: Hoss / Phone: 392-6845 Paramedic Phone: 911 Hospital Address 5715 Councilor Havy.
ATTENDEES
NAME PRINTED SIGNATURE
John Meier John Meier
Shorn No.
Meeting Conducted By: CANNY brucess A Mame Printed Signature
Name Printed Signature
SUPERVISOR: Bol Hulch MANAGER:



	,
Project Southern Union Gas Car	# 4/23/90 Time 0630 GMPM
Froject Numbe: 89-041598	
	Ment Address 5 miles 5 of Lovinston 14
Project Activity ISOBCITY LOAD 1/ cons	trusps with contraverso soice
	D. Brekhi OKREDN EXCANATION
	is material from civilette pit.
- SAFEI	TIUPICS -
Chemiczi nazarca Petmocern hydrocan	asous - Avoir skin compact
Privaical mazares stay (lege of equipe	rent stay clean of excavation
watch for she trip fall Use	,
	W/OA Cartridge and dist fillers which
handling EP tox Cheone soil	, and the same of
•	specifically for each activity) Level C whole
handing Ep tox . Otherwise micht	
Specific Instructions Willie Fine hoses	to supplies dust
Hospital / Clinic Hobbs Halth care	Phone (605 392-6895
HOSDITE ACCIOSS 67/5 Louington Hay	1 HOBBS NM
Paramedic : Fire Capt. (911 Police Dect 505 397 2431
Emergancy Procedures	
— ATTE	INDEES —
NAME (Please Print)	NAME (Signature)
John Meier	John Main
Thank Vay	Many flay
Maering Conducted By LARRY James	OS THE

TAILGATE SAFETY MEETING

Division/Subsidiary ENRAC DENVER
Date: 424/90 Time: 0630 Project: 89.04.159
Customer Santora Union Gas Address: 15, 5 mico South of Laving
Customer Contact: Russel Buss Phone # (505) 396-5821
Specific Job Location: Operay Poro & CAUCHE Pir.
Type of Work: LOAD END DUMPS WHITH NOW-REGULATED COMM, Soil
SAFETY TOPICS PRESENTED
Protective Clothing/Equipment: LEVEL - D MODIFIED, HAZO 1/14
Chemicals Used: Low Leve hyorocarsons Petro-Em
Chemical Hazards: Skin Contact + INHACATION,
Physical Hazards: Ship Trip FATH, heavy equipment
opoulation, heavy truck traffic.
Emergency Procedures: CALL 911 Fox Fire ANBULANCE
Special Equipment:
Hospital Address 5715 Loving to Huy.
ATTENDEES
NAME PRINTED SIGNATURE
John Meier John Meier
Shown Nay
Meeting Conducted By: LARRY COUNCIESS Jan 19
Name Printed Signature
SUPERVISOR: Bol Hule MANAGER:

TAILGATE SAFETY MEETING

Division/Subsidiary ENNAC / DEMIR
Date: 4/24/90 Time: 0630 Project: 87. 04. 1598
Customer Southern Chion Con Address: Fix Mics South of Comigro
Customer Contact: Russell Kuss Phone # (505) 396-5821
Specific Job Location: OVERHOW AND EXCAMPTION SITE & CANCHET
Type of Work: LOAD END DUMPS WITH CONTAMINATED Sois.
SAFETY TOPICS PRESENTED
Protective Clothing/Equipment: LEVEC - D MODIFIED
HAMO HATS, SPECTY GLASSES, STEEL TOE BOOTS
Chemicals Used: Pernovern Hyorocursons.
Chemical Hazards: Skin CONTACT, INHARTED
Physical Hazards: Sup, Thip HACE, Henry Equip. SERATOR,
Emergency Procedures: Cau 911 for musulances Fix
NOTIFY SIE SHETY OFFICER -
Special Equipment: boza, water
1/2005
Hosp/Clinic: Hosps Phone: 392-3845 Paramedic Phone: 94
Hospital Address 5715 Carryton Hary
ATTENDEES
NAME PRINTED SIGNATURE
John Meier John Maier
Wasting a state of the state of
Meeting Conducted By: LAvery Journey Signature
SUPERVISOR: Bat Hulet MANAGER:



Project Southern Union 625 Date Mon 6-25-90 Time 8:95 AMYPM
Project Number 69-04-1598 Project Location Louing ton NM
Client Buss Client Address 5 miles S. of Lovington on Hux
Project Activity (Specify) Mabilization. Remove concerts and fank.
- SAFETY TOPICS -
Chemical Hazards Dust contaminated with non-hazaedous cheane.
Physical Hazards Heavy equipment, open excavation, trip hazards,
extreme heat
Respiratory Protective Equipment Holf nost respirator with continution
containing excavation of contaminated soil
Safety / Personal Protective Equipment / Clothing (List specifically for each activity)
safety glasses, steel toe boots, & tyvek coveralls.
Specific Instructions Suppress dust; take frequent breaks
drink plenty of liquids
Hospital / Clinic Regional Hospital Phone (505) 392-6581
Hospital Address 10 miles south of the site on 14wy 18.
Paramedic (
Emergency Procedures After verbal or visual - nove to briding
zeld in main parking lot
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier John Meier
MANUEL HOYOY
The state of the s
Meeting Conducted By Bob Hulet Bot Hulet
Supervisor



Project Southern Union 625	Date
Project Number <u>89-04-1598</u>	Project Location Louis for Nm
Client Lussel Buss	Client Address 5 miles & of lovington on
Project Activity (Specify) Excavation	. Remove concrete and tank
	SAFETY TOPICS —
_	nated with non-haz cheane
Physical Hazards Heavy equipms	ent, open excavation, thip hazaeds,
heat exhaustion.	
Respiratory Protective Equipment #2/F a	nost with combination carteridge
during excavation of con	
	ning (List specifically for each activity)
	books, & typek coveralls
	ust, take frequent breaks, drink
plesty of traineds.	
	Hospital Phone (505) 392-6581
Hospital Address 10 miles south a	
	t. ()
Emergency Procedures	· · · · · · · · · · · · · · · · · · ·
Lineigency Flocedules	
	ATTENDEES
NAME (Please Print)	NAME (Signature)
- John Meier	John Mair
MANOEL HOYOS	
	-
	•
	-
	-
Meeting Conducted By 8-6 Hu Co	Bob Hulet



Project Southern Union Gas Date 6-27-90 Time 7:30 AMPM
Project Number 89-04-1598 Project Location Louington Nm
Client Russel Buss Client Address 5 mi. S. of Louington on Hung
Project Activity (Specify) Excavation. Remove tant with cheery picker
- SAFETY TOPICS -
Chemical Hazards Dust contaminated with chrome.
, and the second
Physical Hazards Heavy equipment, open excession, their hazards,
heat exhaustion
Respiratory Protective Equipment Half mask with combination during
excavation of EP Tax soil
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard hat,
Safety glasses, steel toe boots, & tyvek coveralls.
Specific Instructions Suppress dust, take frequent beests,
deink plenty of liquids.
Hospital / Clinic Lea Regional Hospital Phone (505) 393-658/
Hospital Address 10 wiles L of site on Ituy 18
Paramedic ()
Emergency Procedures
ATTENDESO
— ATTENDEES —
NAME (Please Print) NAME (Signature) John Meier John Meier
MANUEL HOYOS
- 1/2×0E(1/0405
Meeting Conducted By
Supervisor



Project Southern Union 625	Date	6-28-90	_ Time _	1:30	AM/PM
Project Number 90-09-1598		Project Location	Louis	ston NM	····
Client <u>Russel</u> Bussel					
Project Activity (Specify)Excavafe	ion , He	out coliche	fi//	from po	it to
Stockpile adjacent to	cooling A	bwez			
	- SAFETY	TOPICS —		_ 25t 25t 25t 25t _ 25t	
Chemical Hazards None					
Physical Hazards Heavy equipme	nt, gpe	en excavation	n, heo	of exhau	stion
Respiratory Protective Equipment	'e				
Safety / Personal Protective Equipment / Cl	othing (List :	specifically for eac	h activity)	Hope I	hat,
safery glasses, steel Le		•			
Specific Instructions <u>Suppress</u> de	ust, to	te frequ	ent b	Kasts ,	deink
plenty of liquids.					
Hospital / Clinic Les Regional				392 - 6	58/
Hospital Address 10 miles S.					
Paramedic ()Fire D)ept. (911	Police Dep	t ()	9//
Emergency Procedures			<u></u>	· · · · · · · · · · · · · · · · · · ·	
	- ATTEN	IDEES —			
NAME (Please Print)		NAME (Signatur	•		
John Meier		- John	Meii		
MANUEL Hoyos		- 6/18			
					
Meeting Conducted By			R.I	Hules	
Supervisor			200	much_	
*DO NOT LEAVE ANY BLANK SPACES. PI		OT ADDI (0.5) 5			



			12.a.	_
Project <u>Southern</u> W				
Project Number <u>90-04</u> Client <u>Russel Bus</u>	-1598	Project Location	Louington 1	um on 1
		_		
Project Activity (Specify)	•	• •		
Begin to slope a	back open e	excavation to	OSHA 57	tandared s
	- SAFE	TY TOPICS -		
Chemical Hazards Non	e			
Physical Hazards 4000	y Eguipmen	t open excou	ation, hea	· /
stress.				
Respiratory Protective Equipm	nent <u>Mone</u>			
Safety / Personal Protective E	quipment / Clothing (Li	st specifically for each a	activity) <i>Har</i>	d Hat,
Safety glasses	stell toe e	boots, cotton	gloves.	
Specific Instructions				
deint plenty		_		
Hospital / Clinic Lea	•		_	_
Hospital Address <u>/o</u> //			_	
Paramedic ()9/	/ Fire Dept. () <u>9//</u> Po	lice Dept ()	911
Emergency Procedures				
	AT7	ENDEES —		·
IAME (Please Print)	— Al I			
John Meier	•	NAME (Signature)	Muie	
		Tom.	i. Cut	
MINALIE / Laune	,			
MANUEL Hoyou		MI	•	•

Bol Skillet

*DO NOT LEAVE ANY BLANK SPACES. PUT N/A IF NOT APPLICABLE.

Meeting Conducted By

Supervisor_

Bot Huler



Project Southern Union Gos Date 8-	29-90 Time 1900 AMPM
Project Number 90-04-1548 Project	ect Location Louisglan NA
Client Russel Russ Client Ad	· · · · · · · · · · · · · · · · · · ·
Project Activity (Specify) Lontenine atcoudtion	on at open excavation / Cooling
Touck. (Slope back OSHA Standon	,
— SAFETY TOPI	
Chemical Hazards None	
Physical Hazards Heavy equipment, open	excovation, heat streess.
Respiratory Protective Equipment	
Safety / Personal Protective Equipment / Clothing (List specification)	
Specific Instructions Suppress dust, take to	
plenty of liquids.	,
Hospital / Clinic bea Regional Hospital	
Hospital Address 10 miles south of site	
Paramedic ()	
Emergency Procedures	
- ATTENDEES	S —
NAME (Please Print) NA	ME (Signature)
John Meier	John Meier
Manuel Hoyos	
Meeting Conducted By John Pleice Supervisor Bal Hallet	John Mair
. Supervisor	-



Project Number 90-09-1598 Project Location Lawington N.M. Client Russel Buss Client Address 15 miles N. of Hobbs of Hwy 18 Project Activity (Specify) Continue exavation of cooling tower to put excavation in compliance with OSHA standards — SAFETY TOPICS — Chemical Hazards None Physical Hazards Atom Heavy Equipment operations, apen Excavation, slip, trip, fall, Heat stress Respiratory Protective Equipment Nane Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Maty Safety glasses, steel to a Boots, collon gloves Specific Instructions Suppress dust, take frequent breaks, dink plenty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-6581 Hospital Address 10 miles south of site on Itwy 18 Paramedic () 911 Fire Dept. () 911 Police Dept () 911
Project Activity (Specify) Continue excavation at cooling tower to put excavation in compliance with OSHA standards — SAFETY TOPICS — Chemical Hazards None Physical Hazards Alexander Heavy Equipment operations, open excavation, slip, trip, fall, theat stress Respiratory Protective Equipment Nane Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hat Safety glasses, steel to Boots, collon glours Specific Instructions Suppress dust, take frequent breaks, dink planty of liquids. Hospital / Clinic Lea Regional thospital Phone (505) 392-6581 Hospital Address 10 miles south of site an Italy 18
Physical Hazards None Chemical Hazards None Physical Hazards Acquire for a pecations, open Excavation, Slip, trip, fall, theat stress Respiratory Protective Equipment None Safety / Personal Protective Equipment / Clothing (List specifically for each activity) that that Safety glasses, Steel to a Boots, cotton gloves Specific Instructions suppress dust, take fraguent breaks, drink planty of liquids. Hospital / Clinic Lea Ragional Hospital Phone (505) 392-6581 Hospital Address 10 miles south of site on It my 18
Physical Hazards None Chemical Hazards None Physical Hazards Acquire for a pecations, open Excavation, Slip, trip, fall, theat stress Respiratory Protective Equipment None Safety / Personal Protective Equipment / Clothing (List specifically for each activity) that that Safety glasses, Steel to a Boots, cotton gloves Specific Instructions suppress dust, take fraguent breaks, drink planty of liquids. Hospital / Clinic Lea Ragional Hospital Phone (505) 392-6581 Hospital Address 10 miles south of site on It my 18
Chemical Hazards None Physical Hazards Heavy Equipment operations, open Ex Cavation, Slip, trip, fall, Heat stress Respiratory Protective Equipment None Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hat Safety glasses, steel to a Boots, collon glours Specific Instructions Suppress dust, take fraguent breaks, dink planty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-658/ Hospital Address 10 miles south of site on Italy 18
Chemical Hazards None Physical Hazards Heavy Equipment operations, open Excavation, slip, trip, fall, Heat stress Respiratory Protective Equipment None Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hat, Safety glasses, steel to a Boots, cotton glours Specific Instructions suppress dust, take frequent breaks, dink planty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-658/ Hospital Address 10 miles south of site on It wy 18
Physical Hazards Atom Heavy Equipment operations, open Excavation, Slip, trip, fall, Heat stress Respiratory Protective Equipment None Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hat Safety glasses, steel to a Boots, cotton glours Specific Instructions Suppress dust, take frequent breaks, dink plenty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-6581 Hospital Address 10 miles south of site on Itmy 18
Respiratory Protective Equipment Nan-C Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Maty Safety glasses, steel to a Boots, cotton glours Specific Instructions suppress dust, take frequent breaks, dink plenty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-6581 Hospital Address 10 miles south of site on It wy 18
Respiratory Protective Equipment Nan-C Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Maty Safety glasses, steel to a Boots, cotton glours Specific Instructions suppress dust, take frequent breaks, dink plenty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-6581 Hospital Address 10 miles south of site on It wy 18
Respiratory Protective Equipment Acan C Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hart Safety glasses, steel to e Boots, cotton glours Specific Instructions Suppress dust, take frequent breaks, dink plenty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-658/ Hospital Address 10 miles south of site on Itwy 18
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hat Safety glasses, steel to e Boots, co Hon glours Specific Instructions Suppress dust, take frequent breaks, dink plenty of liquids. Hospital / Clinic Lea Regional Hospital Phone (505) 392-658/ Hospital Address 10 miles south of site on Itwy 18
Safety glasses, steel to e Boots, collon glours Specific Instructions suppress dust, take frequent breaks, dink plenty of liquids. Hospital/Clinic Lea Regional Hospital Phone (505) 392-658/ Hospital Address 10 miles south of site on Itwy 18
Safety glasses, steel to e Boots, collon glours Specific Instructions suppress dust, take frequent breaks, dink plenty of liquids. Hospital/Clinic Lea Regional Hospital Phone (505) 392-658/ Hospital Address 10 miles south of site on Itwy 18
Specific Instructions suppress dust, take frequent breaks, dink plenty of liquids. Hospital / Clinic Lea Regional Itospital Phone (505) 392-658/ Hospital Address 10 miles south of site on Itwy 18
Hospital Address 10 miles south of site on Itwy 18
Hospital / Clinic Lea Regional Hospital Phone (505) 392-6581 Hospital Address 10 miles south of site on 1+wy 18
Hospital Address 10 miles south of site on Itwy 18
·
Paramedic ()
Emergency Procedures
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier John Meier
MANUEL HOYOS SHA
M
·
Mosting Condusted By O & 44
Meeting Conducted By John Meier John Mein Supervisor Bot Huler



	Date 149.31, 1990 Time 8.30 (AM/PM
Project Number 90-09-1598	Project Location Louington with
Client Lusse Buss	Client Address Snile S. of Louington
Project Activity (Specify) Confries	e Excavation @ Cooling Buen
To OSHA Standard	
	CAEETY TODICS
and Mane	- SAFETY TOPICS -
Chemical Hazards None	
Physical Hazards	tion, Heavy equipment operation
Respiratory Protective Equipment	22
Safety / Personal Protective Equipment / Cl	lothing (List specifically for each activity)
Hard Har, Salely Olas	ses, Steel toe boots, cotten glaves.
	is dust, take frequent breaks,
dent plenty of liquid	•
	Haspital Phone () 392-6581
	f sik on Hury 18
_	Dept. ()
Emergency Procedures	
•	ATTENDEES
NAME (Please Print)	NAME (Signature)
John Meier	John Meier
MANUEL Hogos	
Meeting Conducted By	the let Bot Hulet
Supervisor <u>Br6 Huler</u>	



Project Southern Union 605 Date Sept. 4, 1990 Time 8:30	(AM /PM
Project Number 90-04-1598 Project Location Loving for vm	
Client <u>Pussel</u> <u>Buss</u> Client Address <u>5 miles south of Lo</u>	wingfor Huy
Project Activity (Specify) Assemble Shoping designed by Mike	_
Careturight.	
— SAFETY TOPICS —	
Chemical Hazards Nave	
Physical Hazards Open Excavation Heavy Environment Ones	2 tinn
Physical Hazards Open Excavation, Heavy Equipment Opena	PAFR
Review OSHA Standards for Trenching and Excavation	1936.65
Respiratory Protective Equipment <u>None</u>	
Cofety / Developed Districtive Equipment / Clathing / List engelifically for each activity / Park / D	
Safety / Personal Protective Equipment / Clothing (List specifically for each activity)	
Hard Hat , Safety glasses, stell toe boots, cotton glove	
Specific Instructions Suppress dust take frequent beests, dein	ok
plenty of liquids.	
Hospital / Clinic Lea Regional Hospital Phone (505) 392-65	81
Hospital Address 10 miles south of the site on Huy 18.	
Paramedic ()	9//_
Emergency Procedures	<u></u>
- ATTENDEES -	
— ATTENDEES — NAME (Please Print) NAME (Signature)	
NAME (Please Print) NAME (Signature)	
	4 7 Frans
NAME (Please Print) John Meier John Meier John Montagu Husten Montagu	
NAME (Please Print) John Meier John Meier John Montagu Chararria Rascon Dosc	
NAME (Please Print) John Meier John Meier John Montaga Husten Montaga Husten Montaga NAME (Signature)	Fergusi Constr
NAME (Please Print) John Meier John Meie	
NAME (Please Print) John Meier John Meie	



Project Southern Union Gas Date Syl.	5,1880 Time
Project Number 90-04-1598 Project	
Client Russel Buss Client Address	
Project Activity (Specify) Subgesde peep. and	•
@ Cooling Tower	
- SAFETY TOPICS	S —
Chemical Hazards Nane	
Physical Hazards Heavy Equipment Ope	
Slip , Teip , Fall Hazards, hear	t steess
Respiratory Protective Equipment None Reguire	ed
Safety / Personal Protective Equipment / Clothing (List specifical	lly for each activity) <u>shared star</u>
Salety glasses, steel the boots	, catton glass.
Specific Instructions Observe OSHA Trendin	g Standoeds, take
frequent breaks, drink plenty	
Hospital / Clinic Lea Regional Hospital	
Hospital Address 10 miles I of the s	ite on Huy 18.
Paramedic ()	// Police Dept ()
Emergency Procedures	
- ATTENDEES -	
John Meier	E (Signature)
- JOHN MEIER	form 11 the
	, .
Meeting Conducted By Bof Huler	Bof Huler
Supervisor Bol Ault	- por Nuces

Project So. Union Gas Date	Sep + 5, 1990 Time 7 30 AMPM
Project Number90 - 04 - 1598	Project Location <u>5 miles</u> so. of Lovington
Client Russell Buss Cli	ient Address 5 miles 50. of Louington on Hiway
Project Activity (Specify) Subgrade prep. o	and shoring construction
at Cooling Tower	
- SAFET	Y TOPICS -
Chemical Hazards NONC	
Physical Hazards <u>Iteary Equipment Operation</u>	tion, Open excavation
Respiratory Protective Equipment None Regu	riced
Safety / Personal Protective Equipment / Clothing (List	specifically for each activity)
Hard Hat, Steel toed Boots , Safety glass	ses, collon 6 loves
Specific Instructions Observe OSHA Regula	ations, take frequent breaks,
drink plenty of Liquids	
Hospital/Clinic Lea Regional Hospital	Phone (<u>505</u>) <u>.392 - 658/</u>
Hospital Address 10 miles so. of the site	on Hwy 18
Paramedic () Fire Dept. (_)
Emergency Procedures	
- ATTE	NDEES —
NAME (Please Print)	NAME (Signature)
John Meier	John Meier
Meeting Conducted By John Meier Supervisor Bol Huler	John Meier
Supervisor Bol /huler	0



Project So. Union Gas Date	Sept. 7, 1990 Time 7 MPM
Project Number 90-04-1598	Project Location Louington N.M.
Client Russel Buss Cli	ent Address Smile so. of Louing ton N.M. on Itwy /
Project Activity (Specify) Install Shoring, Su	bgrade prep, excavate the treach
to OSHA Standards	
	Y TOPICS —
Chemical Hazards None	
Physical Hazards Slive Frience fall, Heavy	Equipment operations
• • • •	
Respiratory Protective Equipment None	·
Safety / Personal Protective Equipment / Clothing (List	specifically for each activity)
Safety glasses, steel toed Boots,	co Han Gloves
Specific Instructions + ake frequent Break	s, drink plenty of liquids
Observe OSHA Regs.	
Hospital / Clinic Lea Regional Itospita	Phone (<u>505</u>) <u>392 - 6581</u>
Hospital Address 10 miles so. of site	on Hwy 18
Paramedic () Fire Dept. (_)9// Police Dept ()9//
Emergency Procedures	
ATTE	NDEES —
NAME (Please Print)	NAME (Signature)
John Meier	John Meier
Meeting Conducted By John Meier	John Mein
Supervisor Bol Huler	•



Project So. Union Gas Date Scot 8, 1920 Time 9.30 AM/PM
Project Number 90-04-1598 Project Location Louington N.M
Client Aussel Buss Client Address 5. miles so of Louington, Hwy
Project Activity (Specify) Subgrade prep excavate the trench
to OSHA Standards
- SAFETY TOPICS -
Chemical Hazards NoNE
Physical Hazards Slip, Frip, Fall, Heavy Equipment operations Open excavation, Heat stiess
Respiratory Protective Equipment
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Itard Het Safety glasses, Steel tood Boots, Culton gloves Specific Instructions take frequent Breaks, drink plenty of liquidss
Observe OSHA Regulations
Hospital / Clinic Lea Regional Hospital Phone (505) 392-6581
Hospital Address 10 miles so. of site on Hwy 18
Paramedic ()
Emergency Procedures
- ATTENDEES -
NAME (Please Print) NAME (Signature)
John Meier Johnny Meier Bob Aulex Bob Sulex
Bab Sulet Bob Sulet
Meeting Conducted By Johnny Meier Johnny Meier
Supervisor



Project So. Union Gas Date	Sept 10, 1990 Time 800 AMPM
Project Number 90 -04- 1598	Project Location Loving ton W.M.
Client Bussel Buss Clien	at Address 5 mile so of having lan on Hwy 18
Project Activity (Specify) Excavaty Bolland	and ad
- SAFETY 1	TOPICS —
Chemical Hazards Chrome Dust	
	·
Physical Hazards Slip, trip, fall, Heavy	equipment operations,
open trench, skin absorbtion, Inha	Vation, Heat Stress
Respiratory Protective Equipment Half mask,	Combo Cartridge
Safety / Personal Protective Equipment / Clothing (List sp	
Half mask Respirator when excavating , or	- Handling Homeston masks, Hard Hate
Italf mask Respirator when excavating or Safety Glasses, steel tood Boots, cotton glove Specific Instructions Level C when excavating	and Handling Remarker narrow, take
Frequent Breaks, drink planty of liquids,	·
Hospital/Clinic Lea Regional Hospital	
Hospital Address 10 miles so. of	*
Paramedic () Fire Dept. ()	911 Police Dept () 911
Emergency Procedures	
— ATTEND	PEES —
NAME (Please Print)	NAME (Signature)
Johnny Meier	Johnny Meije
MIKE CARTWRIGHT	muto lot anight
Steven P. Tischer	Steven Poscher
Darrin J. Hnger	Davin J. Elyun
TIMOTHY S REILY	munt & Park
BEN DISHEN	Ber July
Meeting Conducted By Johnny Meier	Johnny Meier
Supervisor <u>Bol Puler</u>	V
TOO NOT LEAVE AND DUANT COACED OUT NO IT NO	T ADDI IOADI E



Project So. Union Gas Date Sept 11,1990 Time 745 MIPM
Project Number 90-04-1598 Project Location Louing fun N.M.
Client _ Russe/ Buss _ Client Address _ Smiles so of Lovington on Hwy 18
Project Activity (Specify) excavate contaminated soil under the cooling tower with
Vac-Hoe and stockpile in 20 yd. piles
- SAFETY TOPICS -
Chemical Hazards Chrome Dust
Physical Hazards Slip, trip, fall, Heavy requipment operations, Open trench, Skin absorbition
Instalation, possible care ins
Respiratory Protective Equipment Half mask with combination carteidge
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Respirator; Hard Had
Safety glasses, Steel toed Boots, white tyuek, cotton gloves &
Specific Instructions Level C when excavering or around the truck. Observe OSHA
Standards. Keep and eye on the shoring for possible shifting
Hospital / Clinic Lea Regional Hospital Phone (505) 392-6581
Hospital Address 10 miles so of Louington on Hwy 195
Paramedic ()
Emergency Procedures
- ATTENDEES -
NAME (Please Print) NAME (Signature)
Johnny Meier Johnny Mein
Steven P. Tischer Steven & Lischer
Darrin J. Mager Davin J. Physik pipelin
TIA REILI June 1 Plant
Meeting Conducted By Johnny Mein Supervisor Gol Hulet
Supervisor <u>Fot /fullt</u>



Project So. Union Gas Date Sept 12, 1990 Time 130 AM/PM
Project Number 90-04-1598 Project Location Loving ton N.M.
Client Russel Buss Client Address 5 miles so. of Lovington Hwy 18
Project Activity (Specify) excavate contaminated soil with Vac-Hox from under
the cooling tower and pile in 20 yd. piles
- SAFETY TOPICS -
Chemical Hazards Chrome Dust
Physical Hazards slip, tripy fall. Equipment operations, open trench, skin
absorbtion, Inhalation, Possible caveins, Iteat stress
Respiratory Protective Equipment Half mask with combo. cartridge
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hak, Steel
toed noots, safety glasses, white tyrek, cotton gloves
Specific Instructions Keep close observation on Storing, comply with OSHA
•
Standards, Level C Protection when excavating. Take frequent breaks Orink plenty of liquids Hospital / Clinic Lea Regional Hospital Phone (505) 392-658/
Hospital Address 10 miles so. of site on Hwy 18
Paramedic ()
Emergency Procedures
- ATTENDEES -
NAME (Please Print) NAME (Signature)
IIM Rond miller Pipelian
Darrin J. Hoger Dann Inly
Steven P. Tischer Steven P. Fischer
Meeting Conducted By Johnny Meier Johnny Meier Johnny Meier
Supervisor Bub Hulet
*DO NOT LEAVE ANY REANK SPACES PLIT N/A 15 NOT APPLICABLE



Project So. Union Gas Date Sept 1.3 Time 730 AMPM
Project Number 90-04-1598 Project Location & Louington N.M.
Client Russel Buss Client Address Smiles so. of loving ton on Hwy 18
Project Activity (Specify) excavate contaminated soil from cooling Tower
- SAFETY TOPICS -
Chemical Hazards Chrome Dust
Chemical Hazards Chibme Der
Physical Hazards Slip, Trip, Fall, open french, Skin absorbation, Inhelation
Respiratory Protective Equipment Half mask with combo cartridge
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hart, Safety
glasses, steel Toed Boots, cotton gloves, white Tyvek
Specific Instructions Level C while excaming, observe OSHA Standards. Ktep
eye on Storing, take frequent breaks, drink plenty of lighteds
Hospital/Clinic Lea Regional Hospital Phone (505) 392-658/
Hospital Address 10 miles so. of site on Hay 18
Paramedic ()
Emergency Procedures
ATTEMPERO
— ATTENDEES — NAME (Please Print) NAME (Signature)
TIMOTHY S REILY Sound 5 Ri
Darrin J. Hoger Davin J. Elge
Steven P. Tischer Steven P. Fischer
Meeting Conducted By Johnny Meier Johnny Meier
Supervisor Ookney Mais



Project So. Union Gas Date	Sept 14, 1990 Time 7:40 AM/PM
Project Number <u>90-64- /598</u>	Project Location Smiles of Lovington Huy 18
Client Russel Buss Cli	ent Address Smiles so. of Louington Hwy 18
Project Activity (Specify) excauate contag	ninated soil from under cooling
tower.	
CASET	v TODICS
Chemical Hazards Chrome Dust	Y TOPICS —
Chemical Hazards Ontome Dusi-	·
Physical Hazards Slip, trip, Pall, open tre	nch, Heavy machinery operations
Skin absorbtion, Inhalation, Heat stre	ss, Injection
Respiratory Protective Equipment Half mask	Combo. Cartridge
Safety / Personal Protective Equipment / Clothing (List	specifically for each activity) Hard Hat, safety
glasses, Steel Tood Boots, Cotton Bl	oves, white Tyvek
	availing, observe OSHA Standards
(Keep an) Shoring, take frequent b	make, drink plenty of liquide Popir. Bag
Hospital / Clinic Lea Regional Hospita	Phone (505) 392 -658/
Hospital Address 10 miles sa. of site	on Huy 18
_)9 ii Police Dept ()9//
Emergency Procedures	
ATTE	NDEES
	•
NAME (Please Print)	NAME (Signature)
Darrel Hellman	De l'Aller
Market He mark	The Chi
Da in 5 11 and	5 7 91 11
Steven P. Tischer	Storen Delisable
Steven 1. Tischer	Source 7: Vocace
Meeting Conducted By Daul Helm	<u>550</u>
,	J, J. W.
Supervisor Johnny Meren	
*DO NOT LEAVE ANY BLANK SPACES. PUT N/A IF N	IOT APPLICABLE.



Project <u>So. Union</u> GqS Date <u>Sopt. 15- 1990</u> Time AM/PM
Project Number 90-04-1598 Project Location 55:1es 50. of Louing ton NM on they
Client Russel Byss Client Address Same
Project Activity (Specify) Excavate contaminated Soils From Under the
Cooling tower
- SAFETY TOPICS -
Chemical Hazards Chrome Dust
Physical Hazards Slip, trip, Full, open trench Heavy equipment
operations, Down grades, uneven Sur Faces, in hulation, Insection absorbsion Heat stress Respiratory Protective Equipment Half Face Resp. (omb cart:
Hespiratory Protective Equipment Half Face Resp. Comv
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hat, SAFety glasses, Steet toe Bosts, gloves, Tyvek, SAFety Lines Belts Hanesse
Specific Instructions Level C while excavating, always observe OSHA
Standards and Regulation - Keep an exe on the Shoring (Brown
Hospital / Clinic Lea Hosp, tal Phone (505) 392 6581
Hospital Address 10miles So. of So. Union gas Joh Site on Huy 18
Paramedic ()
Emergency Procedures
- ATTENDEES
NAME (Please Print) NAME (Signature)
TIM REIIG /M City
Darrel Helling sterrel Helling
John Meier John Meier
Darrin J. Hoger Danin, Glage
Steven P. Tischer Steven P. Hischer
Meeting Conducted By David Hellow
Supervisor John Muis
*DO NOT LEAVE ANY BLANK SPACES BUT N/A IF NOT APPLICABLE



Project So. Union Gas Date	Sept. 19-90 Time 739 AMPM
Project Number <u>90 - 04 - 1598</u>	Project Location So. Union
Client Pussel Buss Client	ent Address
Project Activity (Specify) Excavate Contame	nated Soils From under the
Cooling tower, place contaminated	50. / on visqueen
- SAFETY	TOPICS —
Chemical Hazards Chrome Dust	
• • •	uh Heavy Equip- Down grade, uneven
Surfaces, much inhabition, injection, ah	
Respiratory Protective Equipment Half Face with	the Comb. Cupt.
Specific Instructions Level (while excavate Keep close watch on sharing Hospital / Clinic Lea Hospital	Phone (505) 392-6581
Hospital Address 10 miles 50. of 5.	. Union 695 on Hwy 18
Paramedic ()	
Emergency Procedures Evacuate out of	Hole (By tower) to clear zone
By car and writer stortion	
- ATTEN	DEES —
NAME (Please Print)	NAME (Signature)
Jarrel Hellman	Darul Hellow
TITOCH S ROW	June S Ry
Parrin J Hoger	Daven J. Elys
John Meior	John Main
Steven P. Tischer	Steven P. Fischer
Meeting Conducted By Daul Hellow	
Supervisor John Muer	
*DO NOT LEAVE ANY BLANK SPACES. PUT N/A IF NO	OT APPLICABLE.



•		
Project So. Union Gas Date	9-18-90 Time	7:30 AMPM
Project Number <u>90~04- 1598</u>	ė .	
Client S Ruste Buss C	ient Address <u>Squee</u>	· · · · · · · · · · · · · · · · · · ·
Project Activity (Specify) Excellente Contamin	nated soils from u	nder the Cooling tower
place contaminated soil on	1 isqueen	
	Y TOPICS —	
Chemical Hazards Chrome Dust	7 70 100	
Onomour razardo		
Physical Hazards Slip, Trip, Fall	Open Treach H	early Equip. Operations
Uneven Surfaces inholation	n Incertion absor	6510
Respiratory Protective Equipment	e Resp. with	Conb. curt.
Safety / Personal Protective Equipment / Clothing (List	specifically for each activity)	Hord Hat Steel to
Boots, gloves tyvek, SAFety Lin	os, SaFety Belts,	1-a-nesses
Specific Instructions <u>Level</u> C wh		
Standards and Roys. Kee		_
Hospital/Clinic Lea Hospital		
Hospital Address 10miles 50 of S.Uni		
Paramedic (F) Fire Dept. (S// Police Do	511 × 811
	_) _///Police De	ot ()
Emergency Procedures		
	NDEES —	
NAME (Please Print)	NAME (Signature)	V~
11MOTH 5 REVEL	Jump 3	00.
Warrel Hellman	Efacte / fe	
Harrin & Linger	Therein S.	Clys-
John Meier	John Meur	
Steven P. Tischer	Aller f. Lu	icher
Ω A Ω	4	
Meeting Conducted By	ne-	
Supervisor yohn muu		
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	Project So. Union Gas Date 9-14-90 Time 7:30 AM/PM
	Project Number 90-04-1598 Project Location 5 miles 50. of Lovington NM on Hyll
•	Client Russel Buss Client Address Same
	Project Activity (Specify) Excavate Contaminated Soil from under
	cooling tower place contaminatal soil on Visqueen
	- SAFETY TOPICS -
	Chemical Hazards Chrome Dust
	Physical Hazards Slip Trip, Fall Open trench Heavy Equip.
	operations uneven sur Faces, inhalation, injection absobsion
	Respiratory Protective Equipment Half Face Resip. with comb. Cart.
	Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hats Safety glasse Steel to e Brots gloves, Truck Safety Belts, Safety Lines Specific Instructions Level C while Excavating Observe OSHA Standards and Regs. "Keep Close watch on the Shoring" Hospital / Clinic Lea Hospital Phone (508) 392-658/ Hospital Address 10 miles Soi of So-Union Gas on Hwy 18 Paramedic () 911 Fire Dept. () 911 Police Dept () 911 Emergency Procedures Eval 44 to Support Zone
	- ATTENDEES -
	NAME (Please Print) NAME (Signature)
•	Darrel Hellman Hauel Hellman
	Inocht 3 Rew / My Ship
	Steven P. Tischer Steven P. Fischer
	John Meier John Muer
	Darrin I Anger Darin J. Unger
	Meeting Conducted By Daviel Hellman
	Supervisor John Meier
	*DO NOT LEAVE ANY BLANK SPACES. PUT N/A IF NOT APPLICABLE.



Project <u>So Union Gas</u> Date 10-3-90 Time 2:25 AM/PM
Project Number 90-04-15-98 Project Location 5 miles 50. of Louington NM
Client Russel Buss Client Address Sune
Project Activity (Specify) Excavate Contaminated Soil from under
cooling tower place contaminatal soil on Visqueen
- SAFETY TOPICS -
Chemical Hazards Chrome Dust
Physical Hazards Slip Trip Fall Open trench Heavy Equip.
operations uneven sur Faces, in halation, in Jection absobsion
Respiratory Protective Equipment Half Face Resip. with Comb. Cart.
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Heats Safety Glasse
Steel to e Brots, gloves, Tyvek SAFety Belts, SAFety Lines
Specific Instructions Level C while Excavating Observe CSHA
Standar Os and Roys. "Keep Close watch on the Shoring"
Hospital / Clinic Leq Hospital Phone (505) 392 - 658/
Hospital Address 10 miles Soi of So-Union Gas on Huy 18
Paramedic ()
Emergency Procedures EVUL 49.4e to Support Zone
- ATTENDEES -
NAME (Please Print) NAME (Signature)
Darrel Hellman Davel Hellm
Johnny Meier Johnny Meier
Meeting Conducted By Dayel Hellmu
Supervisor David Hellner



Project Number 90-04-90 Project Location 5miles So. of Lovingon on Hwy 18 Client Rugsel 3455 Client Address Same
Client Rugsel 13455 Client Address Same
Project Activity (Specify) Excavate Contaminated Soil from under cooling tower
- SAFETY TOPICS -
Chemical Hazards Chrome Dust
Physical Hazards Slip, Trip, Fall. Open Trench, Heavy Equip operations
Uneven Surfaces, inhalation, injection absorbsion, noise
Respiratory Protective Equipment Half Face Resip with Comb Curt.
,
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hand Hat Safety
glasses & teel to e Boots gloves Tyvek Ear plays
Specific Instructions Level C while Excavating Observe OSHA Standards
and Regs Keep close watch on the Shoring
Hospital/Clinic Lea Hospital Phone (505) 392-6581
Hospital Address Miles So. of So. Union 6950n Huy 18
Paramedic ()
Emergency Procedures Evacuate to Support Zone
- ATTENDEES
NAME (Please Print) / NAME (Signature)
Darvel Hellman (Daw Kell
Steven P. Tischer House Declar
John Meier John Meier
Ar .
•
Meeting Conducted By Will Helling
Supervisor Deul Wellen



Project So. Union Gas Date Oct 5 Time 730 Project Number 90-04-1598 Project Location Lea Resinery Client Russel Buss Client Address Smiles so of Lovington Hwy 18 Project Activity (Specify) fill in Hole under fower with Concrete - SAFETY TOPICS - Chemical Hazards None - 7 Physical Hazards Slip, Frip, Fall, open exchustion, Irucles & Heavy Equipment opera (Heet stress) Respiratory Protective Equipment None
Project Activity (Specify) fill in Hole under fower with Concrete - SAFETY TOPICS - Chemical Hazards None -? Physical Hazards Slip, trip, fall, open excavation, trucks & Heavy Equipment opera (Heat stress)
- SAFETY TOPICS - Chemical Hazards None -? Physical Hazards Slip, trip, fall, open excavation, trucks & Heavy Equipment opera (Heat stress)
Chemical Hazards NONE -? Physical Hazards Slip, trip, Fall, open excavation, trucks & Heavy equipment opera (Heat stress)
Chemical Hazards NONE -? Physical Hazards Slip, trip, Fall, open excavation, trucks & Heavy equipment opera (Heat stress)
Chemical Hazards NONE -? Physical Hazards Slip, trip, fall, open excavation, trucks & Heavy equipment opera (Heat stress)
Physical Hazards Slip, trip, fall, open excavation, trucks & Heavy Equipment opera
(Hegt stress)
•
Respiratory Protective Equipment NONE
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard Hard
safety glasses, steel tood Boots, leather gloves
Specific Instructions take frequent breaks, drink plenty of liquids
Hospital / Clinic Lea Regional Hospital Phone (505) 392 -658/
Hospital Address 16 miles so of site on Hwy 18
Paramedic ()
Emergency Procedures <u>evacuate</u> to support zone
- ATTENDEES -
NAME (Please Print) NAME (Signature)
Johnny Meier Johnny Mein
Dand Hellman Dand Hellm
Joe Acosta JR. Joe acosto gr.
NARSISO CABELLO Moringe Calelle
JOE ACOSTA SA QUE CONTO
Meeting Conducted By Daul /Lelu-
Supervisor Daniel Hellen



Project So. Union Gus Da	te 10-8-90 Time 7:30 AMPM
	Project Location 3 miles 5. of Lovenyton NN
Client Rassel Buss	Client Address
Project Activity (Specify) Remove Shorin	g un cooling tower + start
to pakfill trench	
	TY TOPICS —
Chemical Hazards 1000	
Physical Hazards Slip, Trip, Pall	Remainy Shoring
Respiratory Protective Equipment	
Sofaty / Parsonal Protective Equipment / Clothing /Li	st specifically for each activity) Hord Hat 54fctys/asse,
	St specifically for each activity, many 1997 24 15 17 17 22 17
	nchi as Ghoring is Removed
Openio manuciona <u>272 Carpara Cap</u>	
Hospital/Clinic Les Hospital	Phone (505) 392 - 6 581
Hospital Address 10 miles 50 of So. Unia	n Ges site
Paramedic () <i>91/</i> Fire Dept. (
Emergency Procedures evacuate to	support 2001
ATT	ENDEES —
NAME (Please Print)	NAME (Signature)
Darrel Hellman	Davil Hellow
JOE ACOSTA JR.	Jan history
Jot ACOSTA SK	Que c acusto
MARCISO CABELLO	Jaren Cabella
Guadalupe C. GARCIA	Quadeluge C. Danie
Jerry Knipp	Jery Knapp
Meeting Conducted By David Hells	
Supervisor Davil Hellinen	
*DO NOT LEAVE ANY BLANK SPACES, PUT N/A IE	NOT APPLICABLE.



	So Unin (•	ate 10-8-90			_ A
Project	Number 90-04 -	1598	Project Location			·····
Client _	Russel Buss		Client Address			
Project	Activity (Specify) <u>Bac</u>	KFil I	Trench			
		- SAF	ETY TOPICS —			
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Respirat	ory Protective Equipment	t None				
SHEYe	Personal Protective Equip	5/e/6/	for Boot	5	Herd Hat	<i>L</i>
	1 Clinic Leq. Be Address (1) miles	•			392-658	7/
	ic ()		_ \	Police Dept	() _9,	//
Emerger ———	cy Procedures	acuaty of	>uppor	/		
		— AT	TENDEES —			7-1
DAVI	Please Print) Lolla DAVE		NAME (Signatur D. Ryle	(e) // ·		
			- 			

Sa. Union Gas

Project Number 50-0-1-1578 Project Location 520/s 52. Lowing to MAN Client Russel Buss Client Address A Project Activity (Specify) Bus K fill Shoring Trunk Load Hazandhus was a SAFETY TOPICS — Chemical Hazards Adma Chana Dast when loading Trucks Physical Hazards Slip, Trip, Fall Heavy Egrip. Operations Respiratory Protective Equipment Hs H Free when Loading Truck — OUA co Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Has 1/4+, Safety glass Steel to Share Truck paper leather slowes when needed when Rummas Equip. For fluss in use Safety needed when Rummas Equip. Hospital / Clinic Lea Research 1/05/4/ Phone (515) 372 - 6591 Hospital Address Panils So of work 5:te Paramedic 911 Fire Dept 911 Police Dept 911 Emergency Procedures CVSCULLE to Support 200	Project 90-04- 1598 Da	ate 10-9-90 Time 7:25 AM/PM
Project Activity (Specify) Back fill sharing Trunk / Load Hazarahus was - SAFETY TOPICS - Chemical Hazards 70072 (hrone Dast when loading Trucks Physical Hazards 5/1p, Trip, Fall Heavy Egip Operations Respiratory Protective Equipment Hoff Face when Loading Truck - QUA co Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Hard that, Sarety Glass Steel to Share Truck paper (father Shares when newful Specific Instructions Because of load Equip, For flags in use Safety needed when Rummans Equip Hospital / Clinic Lea Regimal Hospital / Phone (595) 372 - 6591 Hospital Address Pomiles So of work 5. te Paramedic () 9/1 Fire Dept. () 9/1 Police Dept () 9/1 Emergency Procedures Cusculate to Support 20012 - ATTENDEES - NAME (Please Print) DAVID PYLE Steve Dickinson	Project Number <u>50-04-1578</u>	Project Location 5 m les 50. Louis ton NIN
- SAFETY TOPICS - Chemical Hazards - More Chooms Dast when loading Trucks Physical Hazards - Slip, Trip, Full Heavy Egrip - Operations Respiratory Protective Equipment - Hitt Face when Loading Truck - OUA Co Safety / Personal Protective Equipment / Clothing (List specifically for each activity) - Hard Hat, Sarety Glass Steel to Shoe Truck paper - Pather Slaves when resold Specific Instructions Because of low Equip. For fluss in use Safety needed when Rummas Equip. Hospital / Clinic Les Regimal - Hospital / Dinic Les Regimal - Hospital Address - Omiles So of work 5. the Paramedic - 911 - Fire Dept 911 - Police Dept 911 Emergency Procedures - Cusculate to Support 2001 & - ATTENDEES - NAME (Please Print) DAVID PYLE Steve Dickinson NAME (Signature) Steve Dickinson	·	, , , , , , , , , , , , , , , , , , ,
- SAFETY TOPICS - Chemical Hazards - More Chooms Dast when loading Trucks Physical Hazards - Slip, Trip, Full Heavy Egrip - Operations Respiratory Protective Equipment - Hitt Face when Loading Truck - OUA Co Safety / Personal Protective Equipment / Clothing (List specifically for each activity) - Hard Hat, Sarety Glass Steel to Shoe Truck paper - Pather Slaves when resold Specific Instructions Because of low Equip. For fluss in use Safety needed when Rummas Equip. Hospital / Clinic Les Regimal - Hospital / Dinic Les Regimal - Hospital Address - Omiles So of work 5. the Paramedic - 911 - Fire Dept 911 - Police Dept 911 Emergency Procedures - Cusculate to Support 2001 & - ATTENDEES - NAME (Please Print) DAVID PYLE Steve Dickinson NAME (Signature) Steve Dickinson	Project Activity (Specify) Back Fill Shor	ing Trunk /Load Hazarordous was
Chemical Hazards 1000 Chrone Dust when loading Trucks Physical Hazards 5/1p, Trip, Fall Heavy Eggip. Operations Respiratory Protective Equipment Haff Face when Loading Truck - OUA Co Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Had that, Sarety Glass Steel to 5have Truck paper I father slows when resolut Specific Instructions Decayse of load Equip. For flass in use Safety needed when Rummans Equip. Hospital / Clinic Lea Regime! Hospital Phone (SOS) 372 - 6591 Hospital Address 10 miles So of work 5. to Paramedic () 9/1 Fire Dept. () 9/1 Police Dept () 9/11 Emergency Procedures Cvacuate to Support 20 ne - ATTENDEES - NAME (Please Print) DAVID PYLE Steve Dickinson		,
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Respiratory Protective Equipment Hs H Fscr when Lowing Truck - OUA Co Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Had Hat, Safety Glass Steel to show Truck paper I bether slaves when needed Specific Instructions Because of low Equip. For flugs in use Safety needed when Rummins Equip. Hospital / Clinic Les Regimal Hospital, Hospital Address Nomiles So of work site Paramedic () 9//_ Fire Dept. () 9//_ Police Dept () 9// Emergency Procedures Cvacuate to Suffant 20ne - ATTENDEES - NAME (Please Print) DAVID PYLE Steve Dickinson		
Safety / Personal Protective Equipment / Clothing (List specifically for each activity) Had Hat, Safety Glass Steel to Shoe Truck page Pather slows when needed Specific Instructions Because of low Equip. For flags in use. Safety needed when Rummins Equip. Hospital / Clinic Les Regime Hospital / Dinic Les Regime Hospital Address Poniles So of work site Paramedic (Physical Hazards Slip, Trip, F	all Heavy Egip. Operations
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Specific Instructions Because of low Equip. For fluxs in use. Safety needed when Rumming Equip. Hospital / Clinic Lea Regund Hospital Phone (535) 372 - 6591 Hospital Address 10 miles So of work 5, to Paramedic () 9// Fire Dept. () 9// Police Dept () 9// Emergency Procedures Cvacuate to Support 2001 to Attended - ATTENDEES - NAME (Please Print) DAVID PYLE Steve Dickinson White Steve Dickinson		
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Hospital / Clinic Les Regime Hospital Phone (525) 372 - 6591 Hospital Address Omiles So of work 5.74 Paramedic () 9// Fire Dept. () 9// Police Dept () 9// Emergency Procedures Cvacuate to Suffer 20014 - ATTENDEES NAME (Please Print) DAVID PYLE Steve Dickinson NAME (Signature) Whyle	Specific Instructions Because of Jour Equip	. For fluss in use. Safety needed
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Project 50. Union Gas	Date <u> </u>	90 Time	7:30	_(AM)PM
Project Number 90-04-1598	Project Loc	ation <u>5 miles</u>		-
Client Russel Buss	Client Address			
Project Activity (Specify) Backfill fr	rench			
				4
	SAFETY TOPICS —			
Chemical Hazards <u>None</u>				
		····		
Physical Hazards Slip, trip, fall				
, , , , , , , , , , , , , , , , , , , ,				
Respiratory Protective Equipment None				
Safety / Personal Protective Equipment / Cloth	ing (List specifically fo	or each activity) _	Hard hat, 3	Safety
glasses, Stel toe boots, lear	•			
Specific Instructions Watch out for	equipment &	bystanders		
		·		
Hospital / Clinic Lea Haspital				
Hospital Address 10 miles 50, of				
Paramedic () Fire Dept	,			
Emergency Procedures <u>evacuate</u> 7	to support Z	one		
	- ATTENDEES -			
NAME (Please Print)	NAME (SI	gnature)		
Steve Drkinson	Vite	e Shell		
DAVE PILE		lyle		
		<u>, , , , , , , , , , , , , , , , , , , </u>		
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Meeting Conducted By	/tellen			
Supervisor <u>Barrel</u> Julian				
*DO NOT LEAVE ANY BLANK SPACES. PUT	N/A IF NOT APPLICA	BLE.		



Certificate of Completion this is to certify that

Donald Shosky

JAS SUCCESSfully completed training for Hazardous Waste Operations in compliance with the requirements outlined in 29 CFR 1910.120 training

while an employee of Chemical Waste Management, Inc.

on this	26th	dav	of	August - 1989
		-		

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Employee Signature

Health & Safat Manga

Ortificate of Oomintefor

DON SHOSKY

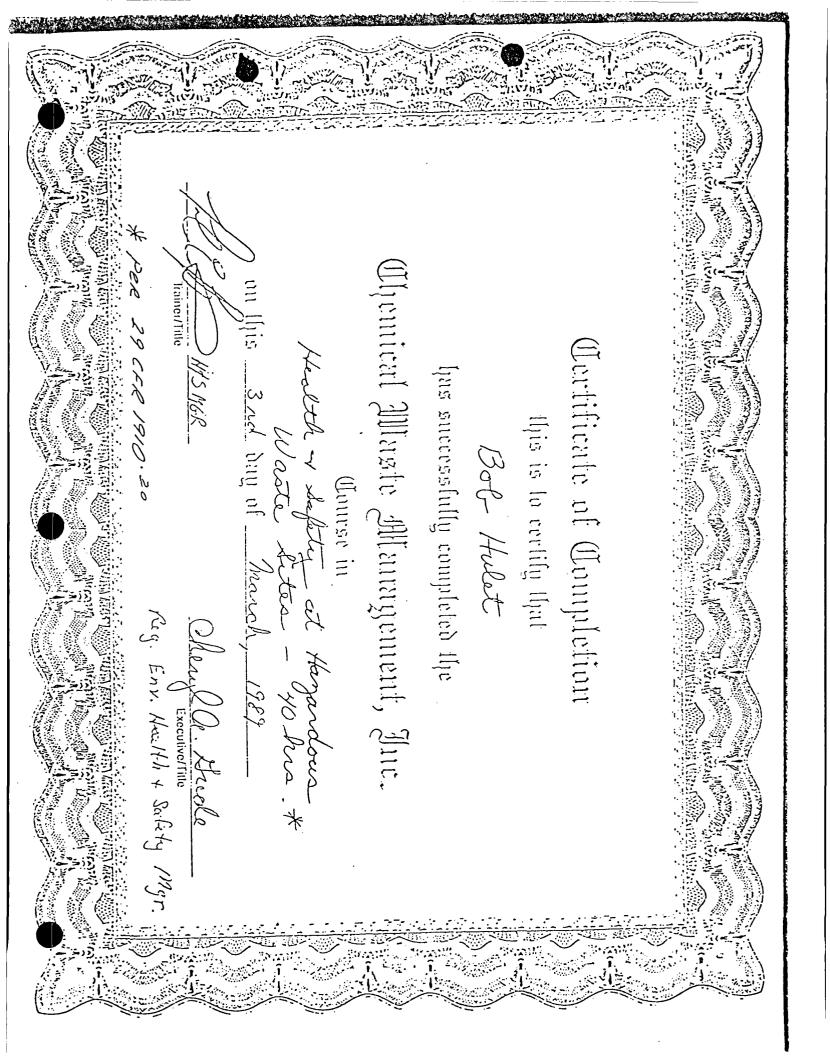
has successfully completed the

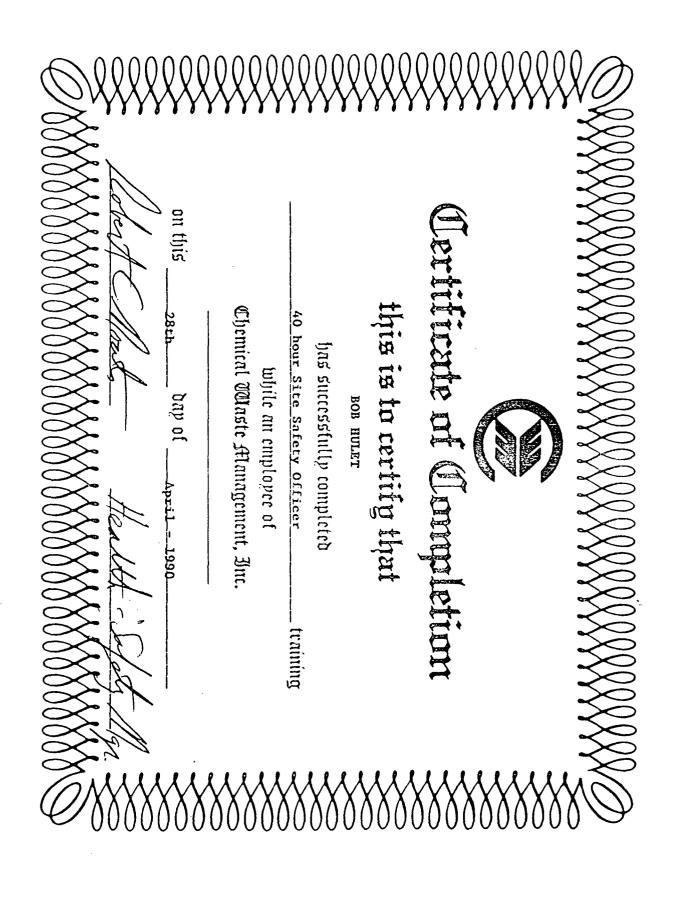
HOUR SUPERVISOR TRAINING PER 29 CFR 1910.120

this certificate on this and in recognition thereof is hereby awarded Day of September 1989



Health and Safety Manager







Certificate of Completion this is to certify that

BOB HULET

has successfully completed

EIGHT HOURS SUPERVISOR'S SAFETY training

while an employee of Chemical Waste Management, Inc.

on this 27th day of FEBRUARY - 1990

When HAUTH'S SAFETY MOR

I acknowledge having received _______?

Training while an employee of Chemical Waste Management, Inc.

Employee Signature



Certificate of Completion this is to certify that

Larry Youngless

has successfully completed training for Hazardous Haste Operations in compliance with the requirements outlined in 29 CFR 1910.120

training

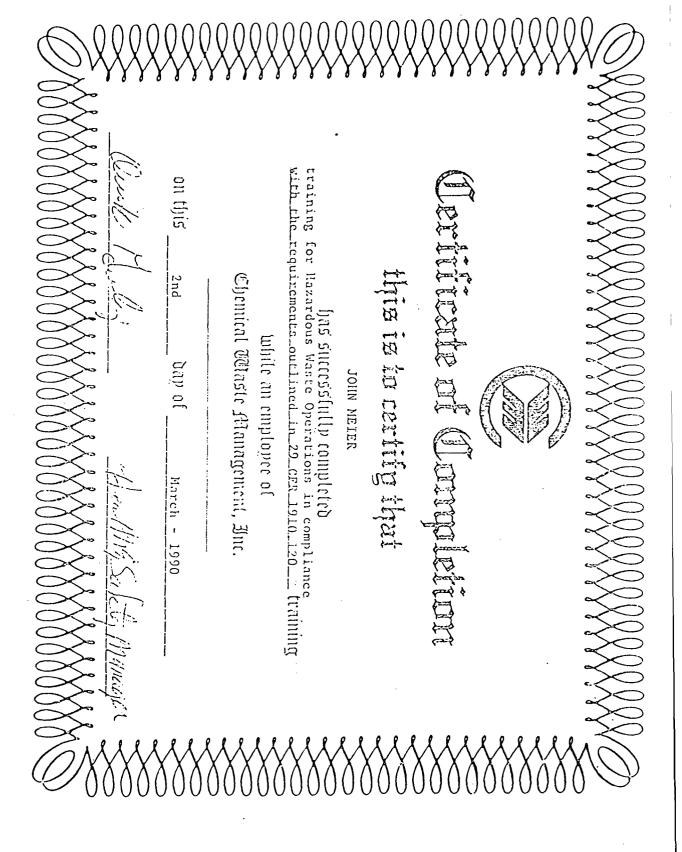
while an employee of Chemical Waste Management, Inc.

on this	27th	day o	[January	-	1989

Heath & Salety Manager

I acknowledge having received Training while an employee of Chemical Waste Management, Inc.,

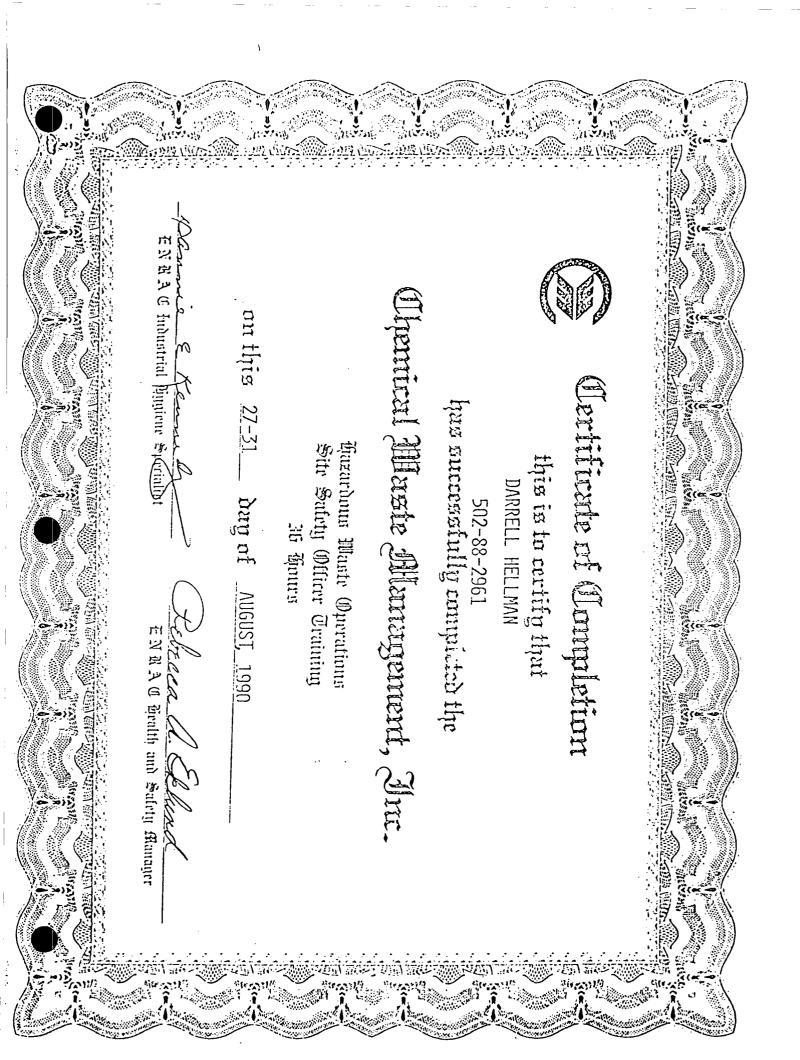
Employee Signature

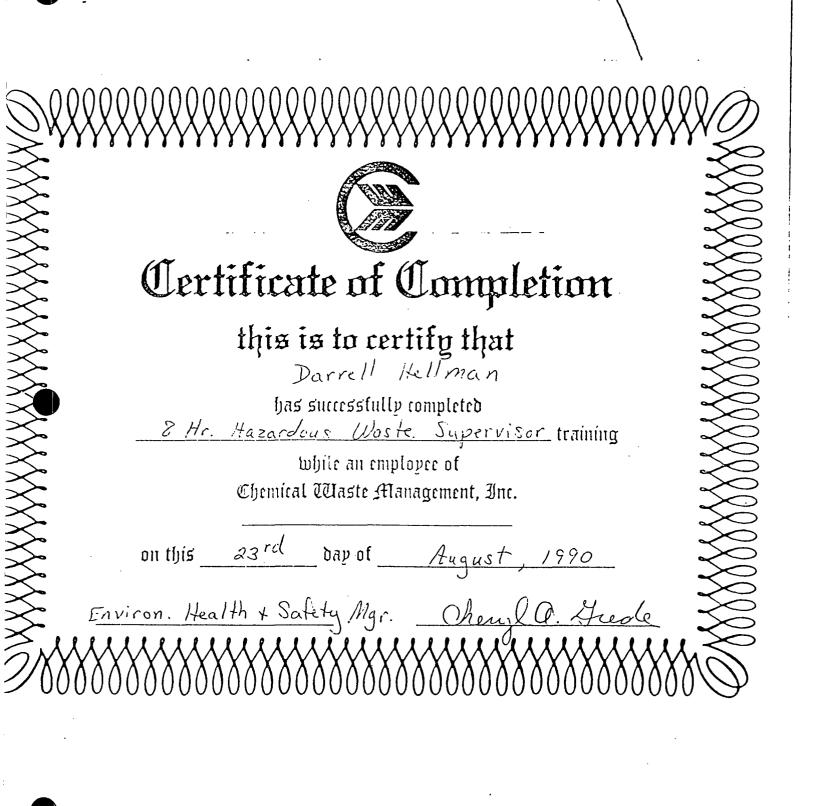






Employee Signature







Certificate of Completion this is to certify that

SHAWN NAY

jas successfully completed training for Hazardous Waste Operations in compliance with the requirements outlined in 29 CFR 1910.120 training

while an employee of

Chemical Waste Management, Inc.

on this second day of February, 1990

Zenk Kaly Heafth & Safeety Mgr.

Employee Signature

Employer's Copy

GERAGHTY & MILLER, INC.

National Spill Control School

This Certifies That

STEVE TISCHER

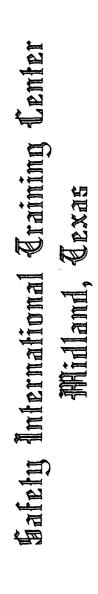
Has Completed a Field Course in Health and Safety meeting the requirements of 29 CFR 1910.120 OSHA/RCRA Off-Site Safety Training 40 Hour Course

April 28, 1989

A Program of Corpus Christi State University

George R. Oberholizer

MILLER PIPELINE, INC.

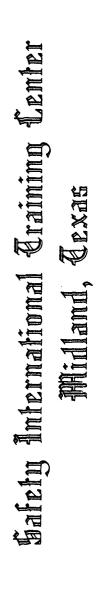


Certificate of Completion

This Is To Centify That

The Course For Hazardous Waste Workers (40 Hours) Has Satisfactorily Completed - In Wilness Whereng'. This Certificate Is Awanded on This.





Certificate of Completion

This Is To Certify That

imothy S. Reily

The Course For Hazardous Waste Workers Has Fatisfactority Completed In Wilness Whereny This Consiglicate Is Smanded on This 31st



Instructor

Justin of Training

APPENDIX D SCHEDULE OF WORK

SCHEDULE OF WORK

<u>Date</u>	Description
02-12-90	Initial Geraghty & Miller soil sample (S-CT1) two feet below ground level and one foot beneath cooling tower (Step 1).
03-05-90	Began excavation of EP Toxicity chromium impacted soil delineated in the remedial plan dated 08-01-89 (Step 1).
03-08-90	Collected soil confirmation samples S-CT2 through S-CT10 from within the EP Toxicity excavated area (Step 1) (see Figure 3). Started excavating around cooling tower to remove total chromium impacted soil above 25 parts per million as delineated in the report dated 08-01-90 (Step 2).
03-09-90	Collected soil confirmation samples S-CT11 through S-CT16 from within the total chromium "scraped" area (Step 2) (see Figure 3).
03-12-90	Began deep excavation to remove total chromium impacted soils delineated in the report dated 08-01-90 (Step 3) to an anticipated depth of about 20 feet.
03-13-90	Collected composite sample S-CT17 from the total chromium impacted soil stockpile (Step 2). Collected composite sample S-CT18 and S-CT19 from the deep excavation stockpile (Step 3). Collected confirmation samples S-CT20 through S-CT29 from the bottom and walls of the deep excavation (Step 3) (see Figure 4). Collected composite stockpile sample S-CT30 for the soil excavated from the trackhoe ramp (Step 3).
03-19-90	Collected confirmation samples S-CT11B through S-CT16B six inches to one foot deeper in the "scraped" area from the original S-CT11 through S-CT16

sample sites (Step 2) (see Figure 4). The initial confirmation samples contained levels of total chromium higher than background.

- O3-20-90 Loaded plastic-lined, 30-cubic-yard end-dump trucks with approximately 20 cubic yards per truck to meet weight requirements. Trucks were loaded with stockpiled soil from Steps 2 and 3 which consisted of soils with chromium EP Toxicity laboratory analyses below 5 milligams per liter (mg/L). These soils were transported to the Rio Rancho Sanitary Landfill, near Albuquerque, New Mexico.
- O3-23-90 Collected composite stockpile sample S-CT31 from the additional soil removed from the "scraped" area. This removed soil coincided with the confirmation samples collected on 03-19-90 (Step 2).
- O3-26-90 Collected confirmation samples S-CT12C and S-CT13C one-and-one-half feet and two feet below ground level, respectively. These two samples coincided with the original S-CT12 and S-CT13 confirmation samples, but were deeper (Step 2). Collected composite stockpile sample S-CT32 that represents the "scraped" area that corresponds to S-CT12C and S-CT13C.
- O3-27-90 Drilled directional soil boring BD-1 (Step 4). BD-1 was located on the east side of the cooling tower and drilled at a 45-degree angle from the horizontal to a point under the structure at a total depth of 40 feet. The location for this boring may be seen on Figure 5. Hollow stem core sample composites were collected from surface to total depth. Selected samples were chosen for laboratory analyses.
- 03-28-90 Drilled directional soil borings BD-2 and BD-3. Both soil borings were drilled at a 45-degree angle from horizontal beneath the cooling tower. BD-2 was located on the east side and BD-3 on the west side of the cooling tower. BD-

2 and BD-3 were drilled to a total depth of 30 feet and 40 feet, respectively. Hollow stem core sample composites were collected from surface to total depth. Selected samples were chosen for laboratory analyses. Locations for these soil borings may be found on Figure 5.

- O3-29-90 Drilled directional soil boring BD-4. This soil boring was located on the south side of the cooling tower and drilled at a 45-degree angle from horizontal beneath the structure. BD-4 was drilled to a total depth of 38 feet. Hollow stem core sample composites were collected from surface to total depth. Selected samples were chosen for laboratory analyses. The location of this soil boring may be found on Figure 5.
- 04-20-90 Loaded trucks with E P Toxicity chromium soils from the Step 1 excavation to be transported to the Chemical Waste Management, Inc. hazardous landfill at Carlyss, Louisiana.
- O6-26-90 Drilled directional soil boring BD-5. BD-5 was located on the east side of the cooling tower and drilled at a 65-degree angle from horizontal under the structure to a total depth of 44 feet. Location for this boring may be seen on Figure 5. Hollow stem core sample composites were collected from surface to total depth. Selected samples were chosen for laboratory analyses.
- O6-27-90 Drilled directional soil borings BD-6 and BD-7. BD-6 was drilled on the east side of the cooling tower at a 55-degree angle from horizontal beneath the structure to a total depth of 55 feet. BD-7 was located on the east side of the cooling tower at a 65-degree angle measured from the east wall. The boring was drilled at a 65-degree angle from horizontal beneath the structure to a total depth of 45 feet. Hollow stem core sample composites were collected from surface to total depth on both these wells. Selected samples were

chosen for laboratory analyses. The location of this boring may be seen on Figure 5.

- O6-28-90 Drilled directional soil boring BD-8. BD-8 was located on the north side of the cooling tower at a 55-degree angle measured from the north wall. The boring was drilled at a 75-degree angle from horizontal beneath the structure. The total depth of BD-8 was 50 feet. Hollow stem core sample composites were collected from surface to total depth on both these wells. Selected samples were chosen for laboratory analyses. Location for this boring may be seen on Figure 5.
- 08-29-90 Began sloping the Step 3 excavation walls to meet the U. S. Occupational Safety & Health Administration (OSHA) requirements.
- 09-07-90 Cooling tower shoring was constructed and put in place to meet OSHA requirements. Parkhill, Smith and Cooper engineer inspected shoring.
- O9-10-90 Began excavating soil beneath the cooling tower with a vacuum truck (Vac-Hoe). Vacuumed soil was stockpiled on plastic and covered. Soil boring BD-1 was located with the Vac-Hoe. The grout and the soil within a two-foot radius was removed along the length of the soil boring. Using a model constructed with the impacted soil borings presented, excavation of the soils was directed by G&M personnel to remove the identified impacted soil boring intervals. Figure 5 presents the final excavation configuration.
- O9-11-90 Collected composite stockpile sample S-CT35 from the angle borehole cuttings and additional soil from the slope shaping. Excavation along soil boring BD-1 was completed and soil confirmation samples S-CT36 and S-CT37 were collected from within the resultant tunnel with an extendable hand

auger. Located soil boring BD-6 with the Vac-Hoe and removed soil along the length of it that was in proximity to boring BD-1.

- 09-12-90 Collected composite stockpile sample S-CT38 which represented soil removed from the BD-1 and BD-6 excavation process.
- 09-15-90 Collected soil confirmation samples S-CT39 and S-CT40 with the extendable hand auger to represent boring BD-6 excavated area.
- 09-16-90 Began excavating toward soil boring BD-5. Determined that the Vac-Hoe could not remove the remaining impacted soils. Well cemented sediments were encountered.
- O9-19-90 Collected soil confirmation samples S-CT41 and S-CT42 in the sidewalls of the excavation from a depth of 35 feet below ground level. Collected composite stockpile sample S-CT43 to represent soil removed in excavating toward boring BD-5. Demobilized to assess options in excavating towards boring BD-5.
- 10-04-90 Excavated with a trackhoe to 42 feet below ground level. Visually located and identified the grout from soil boring BD-5. Collected composite stockpile sample S-CT43 to represent soil removed on this date. Collected confirmation samples S-CT44 and S-CT45 with an extendable hand auger from the bottom of the excavation.
- 10-05-90 Built forms and completely backfilled excavation beneath the cooling tower with concrete.
- 10-08-90 Removed the shoring beneath the cooling tower and began backfilling the Step 3 excavation with clean soil.

- 10-09-90 Loaded trucks with stockpiled soil from the Step 4 excavation. Soil was transported to the Rio Rancho Sanitary Landfill near Albuquerque, New Mexico.
- 10-10-90 Placed one foot of clay over the backfilled area. Installed a 25 foot by 25 foot 30 millimeter (mm) plastic liner on the east side of the cooling tower. Placed a 60 foot by 80 foot, liner on the north side of the cooling tower. Brought the surface to grade with one foot of clay. Spread caliche pavement over the clay.

APPENDIX E BORING LOGS

ELEVATION

TIME

Start 0900

Ground Level Not Available

Water Level Dry

Finish 1130

vvai	er Le	vei L	лгу		·	Finish 1	.130
DEPTH-FT.	SAMPLED	TYPE/NO.	LITHOLOGY		DESCRIPTION	REMA EP TOX Cr mg/L	RKS (Total Cr) mg/kg
•		Auger Cut		0 - 5'	Caliche; white, buff, firm, dry	0.28	(15.40)
- - 10-		5 7 Core		5 - 7' 7 - 12'	Caliche; white, buff, moderately firm, some powdery, dry Clay; white, buff, trace gray color, powdery	0.17	(9.10)
•		12.		12 - 17' 17 - 20'	Clay; white, buff, tan powdery, dry Clay; white, buff, trace tan, powdery, dry		
- 20-		17	畫	- 20 - 22'	Silt; tan, soft, moist, slightly mottled —	2.75	(33.20)
-		22		22 - 27'	Silt; tan to light brown, very fine-grained, moist.	2.04	(23.90)
	· .	27		27 - 29' 29 - 32'	Silt; tan, very fine-grained, loose, moist Silt; buff, cream, very fine-grained, consolidated,	6.60, 8.90	(76.80)
- 30-		32		32 - 27'	moist, some yellow staining Sand; brown to reddish-brown, very fine-grained, well-sorted, loose, slightly damp	0.08	(25.53)
		37		37 - 39'	Sand; brown to orange-brown, loose, moist		
- 40- -		40		39 - 40'	Sand; tan, very fine-grained, some consolidated, _ moist	2.10	(26.17)
- 50 -				Total Dep	on: BD-1, Angle Boring, 45 degree depression angle oth (along 45 degree axis): 40' oth (along vertical axis): 28.3' ocation: See Boring Location Map		
DATE	 ::	3-27	-90		OUTNIT		BORING NO.

GERAGHTY
& MILLER, INC.
Environmental Services

CLIENT PROJECT LOCATION

Southern Union Gas Company
Lea Refinery, Cooling Tower

Lovington, New Mexico

ELEVATION

TIME

Ground Level Not Available Start 0915 Water Level Finish Dry 1120

DEPTH-FT.	SAMPLED	TYPE/NO.	LITHOLOGY	DESCRIPTION	REMA EP TOX Cr mg/L	ARKS (Total Cr) mg/kg
		Auger Cut		0 - 5' Caliche; white, buff, Very hard, dry, no staining	0.22	(10.32)
		5		5 - 7' Caliche; white, buff, soft, dry		
		7		7 - 12' Caliche; tan, buff, firm, slightly damp, mottled, sandy in parts	0.18	(7.36)
-10		Core				
		17		17 - 22' Silt; tan, buff, white, damp, some calcareous inclusions	0.23	(16.91)
- 20		22		22 - 27' Silt; tan, light brown, damp, some calcareous inclusions	,	
30		27		27 - 30' Silt; tan, light brown, damp, trace calcareous inclusions	0.16	(26.76)
	H					<i>:</i>
- 40	\prod			-		·
						,
- 50 ·				Explanation: BD-2, Angle boring, 45 degree depression angle Total Depth (along 45 degree axis): 30' Total Depth (vertical axis): 21.2' Boring Location: See Boring Location Map		
AT	<u> </u>	3-2	28-90	CLIENT		BORING NO.

GERAGHTY & MILLER, INC. Environmental Services CLIENT **PROJECT**

Southern Union Gas Company

LOCATION

Lea Refinery, Cooling Tower Lovington, New Mexico

ELEVATION TIME Ground Level Not Available Start 1430 Water Level Dry Finish 1700 LITHOLOGY DEPTH-FT **DESCRIPTION** REMARKS EP TOX Cr (Total Cr) mg/L mg/kg 0 - 3' Caliche; white, buff, powdery, dry 3 3 - 5' Same as above 5 5 - 10' Caliche; white powdery, dry to moist Core 0.31 (11.96)Caliche and silt; white to buff, moist 10 -10 - 15' 10 15 - 20' Same as above 15 0.20 (5.46)20 - 25' Silt; sandy, white to pink, moist 20 . 20 25 25 - 30' Sand; pink-brown, fine grained, loose, moist 0.21 (*5.00)30 - 35' 30 -Same as above 30 35 35 - 40' Same as above 0.12 (5.55)40 -40 50 Explanation: BD-3, Angle Boring, 45 degree depression angle Total Depth (along 45 degree axis): 40' Total Depth (vertical axis): 28.3'



3-28-90

DATE:

CLIENT PROJECT LOCATION

*Less Than

Boring Location: See Boring Location Map

Southern Union Gas Company
Lea Refinery, Cooling Tower
Lovington, New Mexico

BORING NO

ELEVATION

TIME

Start 0845

Finish 1215

Ground Level Not Available

Water	Level	Dog.
****		Drv

	DEPTH-FT.	SAMPLED ANALYZE	TYPE/NO.	LITHOLOGY		DESCRIPTION	REMA EP TOX Cr mg/L	ARKS (Total Cr) mg/kg
	-				0 - 5'	Caliche; buff, very hard		
	-		5 6		5 - 8'	Caliche; silty, buff-white		
	- - 10-		Core 9		8 - 9' 9 - 13'	Caliche; purple-white, very hard Caliche; silty, tan-pink	1.25	(7.92)
	-		14		13 18'	Same as above		
ļ	- 20		18		18 - 23'	Caliche; silty, tan-pink with brown sand	0.32	(6.29)
	-	- 0	23		23 - 28'	Clay; silty, white and tan with pink-brown silty sand	0.19	(*5.00)
	- 30-		28	至至	28 - 33'	Sand; silty, pink-brown, loose		
	-		33		33 - 38'	Same as above	1.43	(17.29)
	40		38			· · · · · · · · · · · · · · · · · · ·		
	1							
	50-				Total Depth Total Depth Boring Locat	BD-4, Angle Boring, 45 degree depression angle (along 45 degree axis): 38' (along vertical axis): 26.9' cion: See Boring Location Map		
	DATE			3-29-9	*Less Than	CLIENT Southern Union Cas Company		BORING NO.

GERAGHTY

MILLER, INC. Environmental Services CLIENT **PROJECT**

LOCATION

Southern Union Gas Company Lea Refinery, Cooling Tower

BD-4

Lovington, New Mexico

ELEVATION

TIME

Ground Level Not Available Start 1005
Water Level Dry Finish 1530

		evei	יט	ry			rinsii Is	,50
DEPTH-FT.	SAMPLED	ANALYZE	TYPE/NO.	гітногоду		DESCRIPTION	1	ARKS (Total Cr) mg/kg
	$\frac{1}{1}$	+	4		0 - 4'	Caliche; white, buff, very fine crystalline, powdery, dense, hard		
			4		4 - 9'	Caliche; white, buff, trace of tan, very fine crystalline, powdery		
- 10- -					9 - 10' 10 - 14'	Same as above Silt, tan, buff, very fine-grained, powdery		
	. S.		l4 Core		14 - 15' 15 - 19'	Caliche; white, buff, very fine crystalline Silt; tan, buff, very fine—grained	0.74	(*10.00)
- 20-		1	١9		19 - 20'	Caliche; white gray, very fine crystalline, very hard		
			24		20 - 24'	Silt; tan, light brown, very fine-grained, slightly moist		
					24 - 26' 26 - 29'	Caliche; white, light gray, buff, very fine crystalline, crumbly, moist, bright yellow when dry Sand; brown, very fine-grained, well-sorted,		
- 30 -		2	29		29 - 34'	friable, moist, dull yellow tint when dry Sand; brown, tan, very fine-grained, well- sorted, friable, moist, dull yellow tint	2.06	(13.99)
		3	34			when dry	3.44	(37.76)
40	4.6.9	3	39		39 - 45'	: Same as above		
40 -					-		6.48	(59.36)
		4	14			•		
- 50 +	$\frac{1}{4}$							
	1	1			Total Dep Total Dep	on: BD-5, Angle Boring, 65 degree depression angle oth (along 65 degree axis): 45' oth (along vertical axis): 40.8'		
	1				Boring Lo *Less Tha	ocation: See Boring Location Map		
DATE:			6-26	-90		CLIENT Southern Union Cae Company		BORING NO.



CLIENT Southern Union Gas Company
PROJECT Lea Refinery, Cooling Tower
LOCATION Lovington, New Mexico

ELEVATION

TIME

1630 Start

Ground Level Not Available

Environmental Services

Water Level Dry

0945 Finish

	r Level [jry			Finish t	J945
DEPTH-FT.	SAMPLED ANALYZE TYPE/NO.	LITHOLOGY		DESCRIPTION	REM/ EP TOX Cr mg/L	ARKS (Total Cr) mg/kg
			0 - 5'	Caliche; white, tan, massive, very hard		
	5 Augei		5 - 71	Same as above		
-	Cut		7 - 10'	Caliche; white, buff, very fine crystalline, soft, powdery, dry	0.56	(11.40)
- 10 -	10		10 - 15'	Caliche; white, buff, very fine crystalline, soft, dry		
	15		15 - 19'	Silt; tan, buff, very fine-grained, slightly moist		
20	Core		19 - 20'	Sand; brown, tan, very fine-grained, silty,	1.04	(10.19)
	20		20 - 25'	well-sorted, slightly moist Same as above	0.96	(10.83)
	25		25 - 27'	Same as above	4.02	(21.91)
9 1			27 - 29.5	Caliche; white, buff, tan crumbly, damp, yellow-staining		
- 30 -	30		29.5 - 30 30 - 35'	<pre>Sand: brown, very fine-grained, well-sorted, friable, moist Same as above</pre>	2.86	(26.65)
-	35		35 - 40'	Sand; brown, tan, very fine-grained, well-sorted, friable, moist		
-40	40		40 - 44'	Sand; tan, very fine-grained, well-sorted, friable, moist		
	45		44 - 45° 45 - 50°	Sand; tan, very fine-grained, well-sorted, friable, moist Sand; tan, very fine grained, well-sorted,	0.99	(*10.00)
-50 -	50		- 50 - 55'	Sand; tan, very fine-grained, well-sorted, friable, 20% cemented, mostly dry	0.36	(*10.00)
	55		Total Der Total Der	<pre>con: BD-6, Directional Boring, 55 degree depression angle oth (along 55 degree axis): 55' oth (vertical axis): 45.1' oxation: See Boring Location Map</pre>		
+	1		*Less Tha			
DATE:	6-26-90) to 6-2	7–90	CLIENT Southern Union Gas Company		BORING NO.
		ERAG	HTY R, INC.	CLIENT Southern Union Gas Company PROJECT Lea Refinery, Cooling Tower LOCATION Lovington, New Mexico		BD-6

ELEVATION

TIME

	ound ter L			Not Av Dry	ailable					1135 1620
DEPTH-FT.	SAMPLED	ANALYZE	TYPE/NO.	LITHOLOGY		DESC	RIPTION			ARKS (Total Cr) mg/kg
		-			0 - 10'	Caliche; whi powdery, trad	te, buff, very fine crystal ce hard, dry	line,		
- 10			.0		10 - 15' 15 - 16' 16 - 20'	crumbly, some Caliche; which crumbly, slight	te, buff, very fine crystal:	line,		
20		c	ore		20 - 22' 22 - 23' 23 - 25' 25 - 27' 27 - 30'	friable, mois Caliche; sand Caliche; whit dense hard, s Same as above dry	dy, white, tan, buff, crumble, buff, very fine crystall some crumbly e, yellow-staining, brighter cown, very fine-grained, wellow-	ly, moist line, when	1,23	(*5.00)
- 30 - - -		3	0		34 - 35' 35 - 40'	Sand; tan, 1: well-sorted, Same as above	ight brown, very fine-grains friable, moist		0.69	(34.3) (6.88)
- 40 - - - -		4			- 40 - 45'	Same as above	2	-	4.09	(34.6)
- 50- -					Total Dept	angle th (along 65 degre th (along vertical cation: See Borir	laxis): 40.8'			
DATE		En:	GE 7 M		HTY R, INC.	CLIENT PROJECT LOCATION	Southern Union Gas Compar Lea Refinery, Cooling Tow Lovington, New Mexico	_		BORING NO. BD-7

ELEVATION

TIME

1930 Start Finish 1040

Ground Level Not Available Water Level

Not Applicable

	wa	ter Le	evei	Not App	olicable		Finish	1040
	DEPTH-FT.	SAMPLED	TYPE/NO.	LITHOLOGY		DESCRIPTION		ARKS (Total Cr) mg/kg
	-		Auger Cut 5		0 - 5'	Caliche; white, very fine crystalline, dense very hard, dry	0.76	(26.5)
	-				5 ~ 10'	Caliche; white, buff, very fine crystalline, dense, hard, dry	*0.30	(10.66)
	- 10 - -		10		10 - 15'	Silt; white, buff, very fine-grained, powdery, soft, dry		
	•		15		15 - 16' 16 - 20'	Same as above Sand; tan, brown, very fine-grained, well- sorted, friable, slightly moist.		(45.00)
	20		Core 20		20 - 25*	Sand; tan, brown, very fine-grained, well- sorted, friable, moist, silty to clayey in the bottom foot	0.60	(*5.00) (*5.00)
			25		25 - 30'	Sand; tan, light brown, very fine-grained, well-sorted, friable, moist, 6" of grout in core	1.14	(15.8)
	- 30-		30		_ 30 - 35'	Sand; tan, very fine-grained, well-sorted,consolidated, firm	1.66	(11.2)
	-		35		35 - 40'	Sand; tan, very fine-grained, well-sorted, friable, dry yellow-staining	1.00	(11.2)
	40.		40		- 40 - 45'	Sand; tan, very fine-grained, well-sorted, - friable to consolidated, dry, no yellow tint		
	-		45		45 - 50'	Sand; tan, very fine-grained, well-sorted, friable, dry, no yellow tint	*0.30	(*5.00)
	-50 -		50		Total De	ion: BD-8, Angle Boring, 75 degree depression angle—oth (along 75 degree axis): 50' oth (vertical axis): 48.3' ocation: See Boring Location Map		
7	DATE:	6-	27-90	to 6-28-	-90	CLIENT		BORING NO.



CLIENT **PROJECT** LOCATION

Southern Union Gas Company Lea Refinery, Cooling Tower Lovington, New Mexico

APPENDIX F LABORATORY ANALYSES



SOUTHWESTERN LABORATORIES

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Report of tests on:

Soil

File No.

6736900

Client:

Southern Union

Report No.

64999

Delivered by:

A. Schmidt

Report Date

2-19-90

Identification:

Soil Sample No. SCT-1, Sampled 2-12-90 @ 1:10 pm by Allan Schmidt

Date Received

2-12-90

Total Chromium -*20 mg/kg EP Toxicity Chromium . 1 mg/L

*Denotes "less than"

Method: SW846

Reviewed by: $\frac{\cancel{\cancel{\times}}\cancel{\cancel{\times}}\cancel{\cancel{\times}}}{\cancel{\cancel{\times}}}$

LLC, ABJ

Reed & Associates



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Report of tests on: Soil

Client:

Geraghty & Miller

Delivered by:

Steve Tischer

Identification:

Southern Union Refinery, S-CT1, Sampled 3-7-90 by Steve Tischer

File No.

6736900

Report No.

65417

Report Date

3-14-90

Date Received

W. fuel

<u>Parameter</u>	Results	Date of <u>Analysis</u>	<u>Analyst</u>	<u>Method</u>
EP Toxicity Chromium, mg/L	15	3-11-90	A. Johnston	SW846,3010/7190
Total Chromium mg/kg	381	3-14-90	A. Johnston	SW846,3050/7190

Reviewed by:

ABJ

Technician:



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Report of tests on: Soil

Client:

Geraghty & Miller

Delivered by:

Steve Tischer

Identification:

Southern Union Refinery, S-CT2, Sampled 3-7-90 by Steve Tischer

File No. 6736900

Report No. 65418

Report Date 3-14-90

Date Received 3-08-90

<u>Parameter</u>	Results	Date of <u>Analysis</u>	<u>Analyst</u>	Method
EP Toxicity Chromium, mg/L	*1	3-11-90	A. Johnston	SW846,3010/7190
Total Chromium mg/kg	37	3-14-90	A. Johnston	SW846,3050/7190

*Denotes "less than"

Reviewed by:

ABJ



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Report of tests on: Soil

Geraghty & Miller

Delivered by:

Client:

Steve Tischer

Identification:

Southern Union Refinery, S-CT3, Sampled 3-8-90 by Steve Tischer

File No.

6736900

Report No.

65419

Report Date

3-14-90

Date Received

3-08-90

<u>Parameter</u>	Results	Date of <u>Analysis</u>	<u>Analyst</u>	<u>Method</u>
EP Toxicity Chromium, mg/L	1.3	3-11-90	A. Johnston	SW846,3010/7190

Reviewed by:

ABJ



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Report of tests on: Soil

File No.

6736900

Client:

Geraghty & Miller

Report No. 65420

Delivered by:

Steve Tischer

Report Date 3-14-90

Identification:

Southern Union Refinery, S-CT4, Sampled 3-8-90 by Steve Tischer

Date Received

3-08-90

<u>Parameter</u>

Results

Date of Analysis

Analyst

<u>Method</u>

EP Toxicity Chromium, mg/L

*1

3-11-90

A. Johnston

SW846,3010/7190

*Denotes "less than"

Reviewed by:

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Report of tests on: Soil

File No. 6736900

Client:

Geraghty & Miller

65421

Delivered by:

Steve Tischer

3-14-90

Identification:

Southern Union Refinery,

Date Received

Report No.

Report Date

3-08-90

S-CT5, Sampled 3-8-90 by Steve Tischer

<u>Parameter</u>	<u>Results</u>	Date of <u>Analysis</u>	<u>Analyst</u>	Method
EP Toxicity Chromium, mg/L	*1	3-11-90	A. Johnston	SW846,3010/7190

*Denotes "less than"

Reviewed by:

ABJ

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Report of tests on: Soil

File No.

6736900

Client:

Geraghty & Miller

Report No.

65422

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT6, Sampled 3-8-90 by Steve Tischer

Date Received 3-08-90

Date of Results Parameter Analyst <u>Analysis</u> <u>Method</u> EP Toxicity

Chromium, mg/L

*1

3-11-90

A. Johnston

SW846,3010/7190

*Denotes "less than"

Reviewed by:

ABJ



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Report of tests on: Soil

File No.

6736900

Client:

Geraghty & Miller

Report No. 65423

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT7, Sampled 3-8-90 by Steve Tischer

Date Received

3-08-90

Parameter

Results

Date of <u>Analysis</u>

<u>Analyst</u>

Method

EP Toxicity Chromium, mg/L

*1

3-11-90

A. Johnston

SW846,3010/7190

*Denotes "less than"

Reviewed by:

Technician:

ABJ



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Report of tests on: Soil

File No. 6736900

Client:

Geraghty & Miller

65424

Delivered by:

Steve Tischer

Report Date

Report No.

3-14-90

Identification:

Southern Union Refinery, S-CT8, Sampled 3-8-90 by Steve Tischer

Date Received 3-08-90

<u>Parameter</u>

Results

Date of <u>Analysis</u>

Analyst

Method

EP Toxicity Chromium, mg/L

*1

3-11-90

A. Johnston

SW846,3010/7190

*Denotes "less than"

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Geraghty & Miller

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SWL

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Identification:

Southern Union Refinery, S-CT9, Sampled 3-8-90 by Steve Tischer

File No.

6736900

Report No.

65425

Report Date

3-14-90

Date Received

3-08-90

<u>Parameter</u>

Results

Date of <u>Analysis</u>

Analyst

<u>Method</u>

EP Toxicity Chromium, mg/L

1.5

3-11-90

A. Johnston

SW846,3010/7190

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Report of tests on: Soil File No.

6736900

Client:

Geraghty & Miller

Report No. 65426

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT10, Sampled 3-8-90 by Steve Tischer

Date Received

3-08-90

Parameter

Results

Date of <u>Analysis</u>

<u>Analyst</u>

<u>Method</u>

EP Toxicity Chromium, mg/L *1

3-11-90

A. Johnston

SW846,3010/7190

*Denotes "less than"

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Report of tests on: Soil File No.

6736900

Client:

Geraghty & Miller

Report No.

65451

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT11, Sampled 3-9-90 by Steve Tischer

Date Received 3-10-90

<u>Parameter</u>

Results

Date of <u>Analysis</u>

<u>Analyst</u>

Method

Total Chromium

mg/kg

57

3-14-90

A. Johnston

SW846,3050/7190

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Report of tests on: Soil

File No.

6736900

Client:

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Report No.

65452

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT12, Sampled 3-9-90 by Steve Tischer

, ,,,, Date Received 3-10-90

Parameter

Results

Date of Analysis

Analyst

Method

Total Chromium mg/kg

122

3-14-90

A. Johnston

SW846,3050/7190

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_

Geraghty & Miller

BOUTHWESTERN LABORATORIES

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Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services 1703 W. Industrial Avenue [915-683-3348] • P.O. Box 2150 • Midland, Texas 79702

Report of tests on: Soil File No.

6736900

Client:

Geraghty & Miller

Report No.

65453

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT13, Sampled 3-9-90 by Steve Tischer Date Received

3-10-90

Parameter

Results

Date of <u>Analysis</u>

Analyst

<u>Method</u>

Total Chromium

mg/kg

261

3-14-90

A. Johnston

SW846,3050/7190

Reviewed by:

Technician:

Copies:

ABJ



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Report of tests on: Soil

File No.

6736900

Client:

Geraghty & Miller

Report No.

65454

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT14, Sampled 3-9-90 by Steve Tischer

Date Received

3-10-90

<u>Parameter</u>

Results

Date of Analysis

Analyst

<u>Method</u>

Total Chromium

mg/kg

404

3-14-90

A. Johnston

SW846,3050/7190

Reviewed by:

Technician

ABJ

..

Geraghty & Miller

BOUTHWESTERN LABORATORIES

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Report of tests on: Soil File No.

6736900

Client:

Geraghty & Miller

Report No.

65455

Delivered by:

Steve Tischer

Report Date

3-14-90

Identification:

Southern Union Refinery, S-CT15, Sampled 3-9-90 by Steve Tischer

Date Received

3-10-90

Parameter

Results

Date of <u>Analysis</u>

Analyst

Method

Total Chromium

mg/kg

102

3-14-90

A. Johnston

SW846,3050/7190

Reviewed by:

ABJ



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Report of tests on: Soil

File No. 6736900

Client:

Geraghty & Miller

Report No. 65456

Delivered by:

Steve Tischer

3-14-90

Identification:

Southern Union Refinery, S-CT16, Sampled 3-9-90 by Steve Tischer Date Received

Report Date

3-10-90

Parameter

Results

Date of <u>Analysis</u>

Analyst

Method

Total Chromium

mg/kg

58

3-14-90

A. Johnston

SW846,3050/7190

Reviewed by:

Technician:

ABJ



Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services 1703 West Industrial Avenue P.O. Box 2150 Midland, Texas 79702

Report of tests on Soil

Client

Geraghty & Miller

Steve Tischer Delivered by

File No.

6736900

Report No.

Below 3-20-90

Report Date

Date Received

3-14-90

Identification Southern Union Refinery, sampled 3-13-90 by Steve Tischer

REPORT OF CHEMICAL ANALYSIS

Report	Sample	EP Toxicity	Total		Date of	
Number	Number	Chromium, mg/L	Chromium, mg/kg	<u>Analyst</u>	<u>Analysis</u>	Method
65500	S-CT17		844	A. Johnston	3-18-90	SW846
65501	S-CT18	* 1.0	61	A. Johnston	3-18-90	SW846
65502	S-CT19	* 1.0	19	A. Johnston	3-18-90	SW846
65503	S-CT20	* 1.0	8.2	A. Johnston	3-18-90	SW846
65504	S-CT21	* 1.0	9.6	A. Johnston	3-18-90	SW846
6550 5	S-CT22	* 1.0	15	A. Johnston	3-18-90	SW846
65506	S-CT23	* 1.0	61	A. Johnston	3-18-90	SW846
65507	S-CT24	1.6	52	A. Johnston	3-18-90	SW846
65508	S-CT25	* 1.0	16	A. Johnston	3-18-90	SW846
65509	S-CT26	* 1.0	3.2	A. Johnston	3-18-90	SW846
65510	S-CT27	* 1.0	5.7	A. Johnston	3-18-90	SW846
65511	S-CT28	* 1.0	23	A. Johnston	3-18-90	SW846
65512	S-CT29	* 1.0	25	A. Johnston	3-18-90	SW846
65513	S-CT30	* 1.0	33	A. Johnston	3-18-90	SW846

* Denotes "less than"

Copies: Geraghty & Miller, Inc.

Reviewed by

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Report of tests on

Soil

Client

Geraghty & Miller

Delivered by Steve Tischer

File No.

6936900

Report No.

65500

Report Date

Date Received

4-3-90 3-14-90

Identification

Southern Union Refinery, S-CT 17, Sampled 3-13-90 by Steve Tischer

REPORT OF CHEMICAL ANALYSIS

Date of

<u>Parameter</u>

Results

<u>Analysis</u>

Analyst

Method

EP Toxicity Chromium, mg/L

*0.5

3-21-90

A. Johnston

SW846, 3010/7190

*Denotes "less than"

Copies: Geraghty & Miller

Reviewed by

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s(thwestern laborat(ies, inc.

Construction materials testing, analytical chemistry and geotechnical engineering P.O. Box 224227 • 2575 Lone Star Drive • Dallas, Texas 75222 • 214/631-2700

March	22	1000	T311 ST
march	23,	1990	File No

Report of:

Analysis of Soils

Reported to:

Geraghty & Miller Company Attention: Steve Tisher

1030 Andrews Highway, Suite 120

Midland, TX 79701

Date received:

2/15/90

Identification:

Project #0258-02

Sample ID	EPTOX CHROMIUM, mg/1	TOTAL CHROMIUM, mg/1
S-CT11B	<0.1	18
S-CT12B	<0.1	26
S-CT13B	<0.1	36
S-CT14B	<0.1	19
S-CT15B	<0.1	18
S-CT16B	<0.1	25

Method: EPA SW846

Analyst: JG

Distribution of report:

1C: Geraghty & Miller

Respectfully submitted,

SOUTHWESTERN LABORATORIES, INC.

Per:

Bob Garrett, Manager

Environmental and Analytical Services

MAR 28 RFCD

Lab. No.

D-9003149



S(THWESTERN LABORAT()IES, INC.

Construction materials testing, analytical chemistry and geotechnical engineering P.O. Box 224227 • 2575 Lone Star Drive • Dallas, Texas 75222 • 214/631-2700

April 03, 1990 File No. 2217500

Report of:

Analysis of Soils

Reported to:

Geraghty & Miller Company Attention: Steve Tisher

1030 Andrews Highway, Suite 120

Midland, TX 79701

Date received:

3/28/90

Identification:

Project #0258-02, Lea Refinery

Sample ID	EPTOX CHROMIUM, mg/1	TOTAL CHROMIUM, mg/kg
S-CT31	2.29	78.0
S-CT32	1.44	51.5
S-CT12C		17.7
S-CT13C		22.0
BD-1 0'-5'	0.28	15.4
BD-1 7'-12'	0.17	9.1
BD-1 17'-22'	2.75	33.2
BD-1 27'-32'	6.60	76.8

Method: SW846

Analyst: JG, WK

Distribution of report:

Respectfully submitted,

1C: Geraghty & Miller

SOUTHWESTERN LABORATORIES, INC.

Per: ˌ

Bob Garrett, Manager

Bub Sandt

Environmental and Analytical Services

Lab. No.

D-9003229



SC THWESTERN LABORATO IES, INC.

Construction materials testing, analytical chemistry and geotechnical engineering P.O. Box 224227 • 2575 Lone Star Drive • Dallas, Texas 75222 • 214/631-2700

April 9, 1990 File No. _____ APR 1 6 RECD

Report of:

Analysis of Soils

Reported to:

Geraghty & Miller Company Attention: Steve Tisher

1030 Andrews Highway, Suite 120

Midland, TX 79701

Date received:

3/29/90

Identification:

Project 025802 #CC052.01, Lea Refinery

SAMPLE ID	EPTOX Chomium, mg/l	Total Chromium, mg/kg
BD-1 22'-27'	2.04	23.9
BD-1 32'-37'	0.082	25.53
BD-1 27'-32' (rerun)	8.90	

Method:

SW846

Analyst:

Distribution of report:

1C: Geraghty & Miller

Respectfully submitted,

SOUTHWESTERN LABORATORIES, INC.

Per:

Bob Garrett, Manager

:gc Environmental and Analytical Services

Lab. No.

D-9004024

SwL

THWESTERN LABORAT(IES,

Construction materials testing, analytical chemistry and geotechnical engineering P.O. Box 224227 • 2575 Lone Star Drive • Dallas, Texas 75222 • 214/631-2700

April 2, 1990 File No

Report of:

Analysis of Soils

APR 9

Reported to:

Geraghty & Miller Company Attention: Steve Tisher

1030 Andrews Highway, Suite 120

Midland, TX 79701

Date received:

3/30/90

Identification:

Project #0258-02, Southern Union Refinery

Sample ID	EPTOX CHROMIUM, mg/1.	TOTAL CHROMIUM, mg/kg
BD-1 37'-40'	2.1	26.17
BD-2 0-5'	0.22	10.32
BD-2 7-12'	0.18	7.36
BD-2 17-22'	0.23	16.91
BD-2 27-30'	0.16	26.76
BD-3 5-10'	0.31	11.96
BD-3 15-20'	0.20	5.46
BD-3 25-30'	0.21	<5.0
BD-3 35-40'	0.124	5.55
BD-4 6-9'	1.25	7.92
BD-4 14-18'	0.32	-6.29
BD-4 23-28'	0.19	<5
BD-4 33-38'	1.43	17.29
	BD-1 37'-40' BD-2 0-5' BD-2 7-12' BD-2 17-22' BD-2 27-30' BD-3 5-10' BD-3 15-20' BD-3 25-30' BD-3 35-40' BD-4 6-9' BD-4 14-18' BD-4 23-28'	BD-1 37'-40' 2.1 BD-2 0-5' 0.22 BD-2 7-12' 0.18 BD-2 17-22' 0.23 BD-2 27-30' 0.16 BD-3 5-10' 0.31 BD-3 15-20' 0.20 BD-3 25-30' 0.21 BD-3 35-40' 0.124 BD-4 6-9' 1.25 BD-4 14-18' 0.32 BD-4 23-28' 0.19

Method:

SW846

Analyst: JG, WK

Distribution of report:

Respectfully submitted,

1C: Geraghty & Miller

SOUTHWESTERN LABORATORIES, INC.

Bob Garrett, Manager

Environmental and Analytical Services

Lab. No.

D-9003249



SOUTHWESTERN LABORATORIES, INC.

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July 5, 1990

File No. _

PRELIMINARY

2217500

Report of:

Analysis of Soil

Reported to:

Geraghty & Miller Co.

Attention: Steve Tischer 1030 Andrews Hwy. Suite 120

Midland, TX 79701

Date received:

6/28/90

Identification:

Project Number CC052.01

SAMPLE	EPTOX CHROMIUM, MG/L	TOTAL CHROMIUM, MG/KG
BD-5 14'-19'	0.74	<10.00
BD-5 24'-29'	2.06	13.99
BD-5 29'-34'	3.44	37.76
BD-5 39'-44'	6.48	59.36
BD-6 5'-10'	0.56	11.40
BD-6 15'-20'	1.04	10.19
BD-6 20'-25'	0.96	10.83
BD-6 25'-30'	4.02	21.91
BD-6 30'-35'	2.86	26.65
BD-6 40'-45'	0.99	<10.00
BD-6 50'-55'	0.36	<10.00
Method: SW 846	Analyst: V	₹K, JG

Distribution of reparts

Geraghty & Miller

Respectfully submitted,

SOUTHWESTERN LABORATORIES, INC.

Perob Garrett, Manager

Bob Fanett

Environmental and Analytical Services

Lab. No.

D-9006219

:gc



Construction materials testing, analytical chemistry and geotechnical engineering P.O. Box 224227 • 2575 Lone Star Drive • Dallas, Texas 75222 • 214/631-2700

July 10, 1990 File No. __

2217500

Report of:

Analysis of Soil

Reported to:

Geraghty & Miller Co. Attention: Steve Tischer 1030 Andrews Hwy. Suite 120

Midland, TX 79701

Date received:

6/29/90

Identification:

Project Number CC052.01

<u>E</u>	EPTOX CHROMIUM, MG/L	TOTAL CHROMIUM, MG/KG
20'-25'	1.23	< 5.00
25'-30'	1.47	34.3
30'-35'	0.69	6.88
40'-45'	4.09	34.6
0'-5'	0.76	26.5
5'-10'	<0.30	10.66
15'-20'	0.60	<5.00
20'-25'	0.64	<5.00
25'-30'	1.14	15.8
35'-40'	1.66	11.2
45'-50'	<0.30	<5.0
d. SM 846	Analysta W	v IC
	0'-5' 5'-10' 15'-20' 20'-25' 25'-30' 35'-40' 45'-50'	20'-25' 1.23 25'-30' 1.47 30'-35' 0.69 40'-45' 4.09 0'-5' 0.76 5'-10' <0.30

Method: SW 846 Analyst: WK, JG

Distribution of report:

Respectfully submitted,

1C: Geraghty & Miller SOUTHWESTERN LABORATORIES, INC.

Bob Garrett, Manager

Bob Fanett

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D0-09-087-02

DO-09-087-03

SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
2575 LONE STAR DRIVE * P.O. BOX 224227, DALLAS, TEXAS 75222 * 214/631-2700

Client GERAGHTY & MILLER CO Client No. 2217500 1030 ANDREWS HIGHWAY, SUITE 120 Report No. D0-09-087 MIDLAND, TX 79701 Report Date 09/20/90 09:53 Attn: STEVE TISCHER Project #CC052.01/LEA REFINERY Date Sampled <u>09/11/90</u> Sampled By STEVE TISCHER Sample Type SOIL Transported by FEDERAL EXPRESS P.O. # N/A Date Received 09/13/90 Sample Identification Lab No. D0-09-087-01 S-CT35

SOUTHWESTERN LABORATORIES

Bob Frankt

Bob Garrett, Manager

S-CT36

s-ct37

Order # D0-09-087 09/20/90 09:53

Client: GERAGHTY & MILLER CO

Page 2

TEST RESULTS BY SAMPLE

Sample: 01A S-CT35

Collected: 09/11/90

				Detectio	n Date	
<u>Test Name</u>	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
EP TOX EXTRACTION	SW_846_1310	09/14/90	DATE COM		09/14/90	KC
EP TOXICITY CHROMIUM	SW_846_7190	<0.1	MG/L		09/18/90	MB
TCLP CHROMIUM	sw_846_7190	0.25	MG/L		09/18/90	MB
TCLP PREP.		09/14/90	DATE COM		09/14/90	KC

Sample: 02A S-CT36

Collected: 09/11/90

				Detectio	n Date	
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
EP TOX EXTRACTION	SW_846_1310	09/14/90	DATE COM		09/14/90	KC
EP TOXICITY CHROMIUM	SW_846_7190	4.0	MG/L		09/18/90	MB
TCLP CHROMIUM	sw_846_7190	3.12	MG/L		09/18/90	MB
TCLP PREP.		09/14/90	DATE COM		09/14/90	KC

Sample: 03A S-CT37

Collected: 09/11/90

				Detectio	n Date	
Test Name	Method	<u>Result</u>	<u>Units</u>	Limit	<u>Started</u>	<u>Analyst</u>
EP TOX EXTRACTION	SW_846_1310	09/14/90	DATE COM		09/14/90	KC
EP TOXICITY CHROMIUM	SW_846_7190	4.1	MG/L		09/18/90	MB
TCLP CHROMIUM	SW_846_7190	2.46	MG/L		09/18/90	MB
TCLP PREP.		09/14/90	DATE COM		09/14/90	KC

Swl

SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
2575 LONE STAR DRIVE * P.O. BOX 224227, DALLAS, TEXAS 75222 * 214/631-2700

Client GERAGHTY & MILLER CO

1030 ANDREWS HIGHWAY, SUITE120

MIDLAND, TX 79701

Attn: STEVE TISCHER

Project # CC052.01/LEA REFINERY

Sampled By STEVE TISCHER/BOB HULET

Sample Type SOIL

Transported by FEDERAL EXPRESS

P.O. # N/A

Date Received 09/14/90

Lab No.
D0-09-107-01

Sample Identification
S-CT38

SOUTHWESTERN LABORATORIES

Client No. 2217500

Report No. D0-09-107

Report Date 09/21/90 09:31

Bob Garrett, Mgr., EAS

Reviewed By

Order # D0-09-107 09/21/90 09:31

Client: GERAGHTY & MILLER CO

Page 2

TEST RESULTS BY SAMPLE

Sample: 01A \$-CT38

Collected: 09/12/90

					Detection Date			
Test Name	Method	<u>Result</u>	<u>Units</u>	Limit	Started	<u>Analyst</u>		
EP TOX EXTRACTION	SW_846_1310	09/17/90	DATE COM			KC		
EP TOXICITY CHROMIUM	SW_846_7190	1.87	MG/L		09/19/90	MB		
TCLP CHROMIUM	SW_846_7190	1.68	MG/L		09/19/90	MB		
TCLP PREP.		09/17/90	DATE COM			KC		

Sw[

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Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
2575 LONE STAR DRIVE * P.O. BOX 224227, DALLAS, TEXAS 75222 * 214/631-2700

Client GERAGHTY & MILLER CO Client No. 2217500 1030 ANDREWS HIGHWAY, SUITE120 Report No. D0-09-112 MIDLAND, TX 79701 Report Date 09/21/90 09:33 Attn: STEVE TISCHER Project #CC052.01/LEA REFINERY Date Sampled 09/15/90 Sampled By STEVE TISCHER Sample Type SOIL Transported by FEDERAL EXPRESS P.O. # N/A Date Received 09/17/90 Lab No. Sample Identification DO-09-112-01 S-CT39 D0-09-112-02 S-CT40 SOUTHWESTERN LABORATORIES

Bob Garrett, Mgr., EAS

Reviewed By

Order # D0-09-112 09/21/90 09:33

Client: GERAGHTY & MILLER CO

Page 2

TEST RESULTS BY SAMPLE

Sample: 01A S-CT39

Collected: 09/15/90

				Detection	n Date		
<u>Test Name</u>	Method	<u>Result</u>	<u>Units</u>	Limit	Started	Analyst	
EP TOX EXTRACTION	SW_846_1310	09/17/90	DATE COM			KC	
EP TOXICITY CHROMIUM	SW_846_7190	3.76	MG/L		09/19/90	MB	
TCLP CHROMIUM	SW_846_7190	3.73	MG/L		09/19/90	MB	
TCLP PREP.	+	09/17/90	DATE COM			KC	

Sample: 02A S-CT40

Collected: 09/15/90

				Detection Date	
<u>Test Name</u>	Method	Result	<u>Units</u>	<u>Limit</u> Started	Analyst
EP TOX EXTRACTION	SW_846_1310	09/17/90	DATE COM		KC
EP TOXICITY CHROMIUM	SW_846_7190	1.41	MG/L	09/19/90	MB
TCLP CHROMIUM	SW_846_7190	1.42	MG/L	09/19/90	MB
TCLP PREP.		09/17/90	DATE COM		KC



Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
2575 LONE STAR DRIVE * P.O. BOX 224227, DALLAS, TEXAS 75222 * 214/631-2700

Client	GERAGHTY & MILLER CO	Client No. 2217500						
	1030 ANDREWS HIGHWAY, SUITE120	Report No. D0-09-155						
	MIDLAND, TX 79701	Report Date 09/25/90 15:38						
	Attn: STEVE TISCHER							
Project	#CC052.01/LEA REFINERY							
	-1 - 1 - 00 (14 (00 - 00 (45 (00	Completed Decorption Trophics						
Date Sam	pled <u>09/11/90 09/15/90</u>	Sampled By <u>STEVE TISCHER</u>						
Sample Type SOIL		Transported by <u>FEDERAL EXPRESS</u>						
P.O. # <u>N</u>	/A	Date Received <u>09/19/90</u>						
		Complex Educations						
Lab No.	F 04	Sample Identification						
D0-09-15		S-CT36 S-CT37						
D0-09-15		S-C139						
D0-09-15		s-c140						
		SOUTHWESTERN LABORATORIES						
	1 /	n la H						

Bob Garrett, Manager

Reviewed By

Order # D0-09-155 09/25/90 15:38

Client: GERAGHTY & MILLER CO

Page 2

TEST RESULTS BY SAMPLE

Sample: 01A S-CT36

Collected: 09/11/90

Test Name CHROMIUM-FLAME AA	<u>Method</u> EPA_218_1	Result 38	<u>Units</u> MG/KG	Detection <u>Limit</u>	n Date <u>Started</u> 09/24/90	<u>Analyst</u> JG
Sample: 02A S-CT37	Collected	l: 09/11/90				
Test Name CHROMIUM-FLAME AA	Method EPA_218_1	Result 34	<u>Units</u> MG/KG	Detection <u>Limit</u>	n Date <u>Started</u> 09/24/90	<u>Analyst</u> JG
Sample: 03A S-CT39	Collected	d: 09/15/90				
				Detection	n Date	

				Detection	n Date	
Test Name	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
CHROMIUM-FLAME AA	EPA_218_1	10	MG/KG		09/24/90	JG

Sample: 04A S-CT40

Collected: 09/15/90

				Detection	n Date	
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
CHROMIUM-FLAME AA	EPA_218_1	25	MG/KG		09/24/90	JG

SwL

SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
2575 LONE STAR DRIVE * P.O. BOX 224227, DALLAS, TEXAS 75222 * 214/631-2700

Reviewed By	Bob Garett					
	CONTRUCCION LADORATORICO					
DO-09-166-03	S-CT43					
DO-09-166-02	S-CT42					
<u>Lab No.</u> DO-09-166-01	Sample Identification S-CT41					
P.O. # <u>N/A</u>	Date Received <u>09/20/90</u>					
Sample Type <u>SOIL</u>	Transported by FEDERAL EXPRESS					
Date Sampled <u>09/19/90</u>	Sampled By STEVE TISCHER/JOHN MEIER					
THE TOTAL CHROME WILL FOLLOW WEDNESDAY.						
Project CC052.01/LEA REFINERY						
Attn: STEVE TISCHER						
MIDLAND, TX 79701	Report Date 09/27/90 16:45					
1030 ANDREWS HIGHWAY, SUITE 120	Report No. DO-09-166					
Client GERAGHTY & MILLER CO	Client No. 2217500					

Bob Garrett, Manager

Page 2

Order # DO-09-166 09/27/90 16:45

Client: GERAGHTY & MILLER CO

TEST RESULTS BY SAMPLE

Sample: 01A S-CT41

Collected: 09/19/90

		Detectio	etection Date			
Test Name	Method	<u>Result</u>	<u>Units</u>	Limit	Started	<u>Analyst</u>
CHROMIUM-FLAME AA	EPA_218_1	44	MG/KG		09/26/90	WK
EP TOX EXTRACTION	SW_846_1310	09/24/90	DATE COM		09/24/90	KC
EP TOXICITY CHROMIUM	SW_846_7190	4.21	MG/L		09/25/90	WK
TCLP CHROMIUM	SW_846_7190	2.50	MG/L		09/25/90	WK
TCLP PREP.		09/24/90	DATE COM		09/24/90	KC

Sample: 02A S-CT42

Collected: 09/19/90

				petection pate			
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>	
CHROMIUM-FLAME AA	EPA_218_1	41	MG/KG		09/26/90	WK	
EP TOX EXTRACTION	SW_846_1310	09/24/90	DATE COM		09/24/90	KC	
EP TOXICITY CHROMIUM	SW_846_7190	3.58	MG/L		09/25/90	MB	
TCLP CHROMIUM	SW_846_7190	2.15	MG/L		09/25/90	WK	
TCLP PREP.		09/24/90	DATE COM		09/24/90	KC	

Sample: 03A S-CT43

Collected: 09/19/90

				perection pare			
Test Name	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>	
EP TOX EXTRACTION	SW_846_1310	09/24/90	DATE COM		09/24/90	KC	
EP TOXICITY CHROMIUM	SW_846_7190	1.58	MG/L		09/25/90	MB	
TCLP CHROMIUM	SW_846_7190	0.89	MG/L		09/25/90	WK	
TCLP PREP.		09/24/90	DATE COM		09/24/90	KC	

SWL

SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
2575 LONE STAR DRIVE * P.O. BOX 224227, DALLAS, TEXAS 75222 * 214/631-2700

Client	GERAGHTY & MILLER CO 1030 ANDREWS HIGHWAY, SUITE120 MIDLAND, TX 79701	Client No. 2217500 Report No. DO-10-080 Report Date 10/10/90 16:3
	Attn: STEVE TISCHER	
Project	#CC052.01/LEA REFINERY	
Date Sar	mpled <u>10/04/90</u>	Sampled By STEVE TISCHER
Sample 1	Type SOIL	Transported by FEDERAL EXPRESS
P.O. # <u>}</u>	N/A	Date Received 10/08/90
Lab No. DO-10-08 DO-10-08	80-01 80-02	Sample Identification S-CT 44 S-CT 45 S-CT 46
		SOUTHWESTERN LABORATORIES

Bob Garrett, Mgr., EAS

Bob Fanelt

Order # D0-10-080 10/10/90 16:39

Client: GERAGHTY & MILLER CO

Page 2

TEST RESULTS BY SAMPLE

Sample: 01A S-CT 44

Collected: 10/04/90

	Detection Date							
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>		
EP TOX EXTRACTION	SW_846_1310	10/10/90	DATE COM		10/10/90	KC		
EP TOXICITY CHROMIUM	SW_846_7190	0.32	MG/L		10/10/90	LWG		
TCLP CHROMIUM	SW_846_7190	0.16	MG/L		10/10/90	LWG		
TCLP PREP.		10/10/90	DATE COM		10/10/90	KC		

Sample: 02A S-CT 45

Collected: 10/04/90

			Detection Date					
Test Name	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>		
CHROMIUM-FLAME AA	EPA_218_1	< 5	MG/KG		10/10/90	MB		
EP TOX EXTRACTION	SW_846_1310	10/10/90	DATE COM		10/10/90	KC		
EP TOXICITY CHROMIUM	SW_846_7190	0.14	MG/L		10/10/90	LWG		
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L		10/10/90	LWG		
TCLP PREP.		10/10/90	DATE COM		10/10/90	KC		

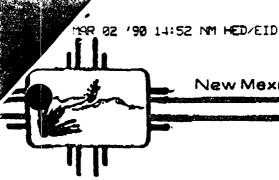
Sample: 03A S-CT 46

9€6tlected: 10/04/90

				perection pare			
Test Name	Method	<u>Result</u>	<u>Units</u>	Limit	Started	<u>Analyst</u>	
CHROMIUM-FLAME AA	EPA_218_1	<5	MG/KG		10/10/90	MB	
EP TOX EXTRACTION	SW_846_1310	10/10/90	DATE COM		10/10/90	KC	
EP TOXICITY CHROMIUM	SW_846_7190	0.32	MG/L		10/10/90	LWG	
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L		10/10/90	LWG	
TCLP PREP.		10/10/90	DATE COM		10/10/90	KC	

APPENDIX G SOIL DISPOSAL DOCUMENTS

P.2



New Mexico Health and Environment Department

GARREY CARRUTHERS

DENNIS BOYO

MICHAEL J. BURKHART Decisi Scores

RICHARO MITZELFELT

March 2, 1990

Ms. Thresea Salamome Geraghty & Miller, Inc 111 Congress Avenue, Suite 830 Austin, Texas 78701

Dear Ms. Salamome:

This is to confirm our conversations and correspondence regarding the removal and disposal of contaminated soils from Southern Union Refinery south of Lovington, New Mexico. Conversations indicated that the landfill of preference was Waste Management of New Mexico at Rio Rancho.

The submitted test results were discussed with Boyd Hamilton of the Hazardous Waste Bureau for determination of classification. It was concluded that the soils from around the cooling tower and from Areas 1 and 2 can be disposed of at the above mentioned landfill with the following provisions.

- 1. Soils from the cooling tower area have continous testing during removal to assure that the chrome levels stay below the 5 milligrams per liter.
- 2. The Special Waste Bureau is notified prior to removal of soils from any of the three areas.
- 3. Notification of when the soils are to be disposed of at the landfill. The soils must be manifested according to Section 405 of the New Mexico Solid Waste Management Regulations (SWMR-2).

Please note that approval from the Special Waste Bureau for disposal at the Rio Rancho landfill does not guarantee that the landfill will accept the soils. If you have any questions please contact me at (505) 827-278.

Sincerely yours,

Phillip L. Westen

Environmental Scientist



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS

POST GRACE BOX FCAS STATE LAND GMICE SUILDING SANTA PE, NEW MEXICO 87504 GROSS REP-5800.

March 6, 1990

CERTIFIED MAIL NO. P 612 458 034 RETURN RECEIPT REQUESTED

Mr. Russel A. Buss Project Manager Southern Union Gas P.O. Box 2000 Graves, TX 77619-2000

> RE: Closure Plan for Southern Union Refinery, Lovington, Contaminated Soil Removal

Dear Mr. Buss:

The Oil Conservation Division has received a copy of the March 2, 1990 letter from Mr. Phillip Westen of the Environmental Improvement Division Special Waste Bureau to Ms. Theresa Salamone of Geraghty and Miller, Austin, approving disposal of non-hazardous contaminated soils at an EID regulated landfill at Rio Rancho. Based on that approval, OCD has no objections to the disposal location agreed to by New Mexico EID and Southern Union Refinery. We do, however, request that copies of the transfer manifests and results of any soil testing be provided to this office.

If you have any questions, please contact me at (505) 827-5812.

Sincerely.

David O. Boyer

Hydrogeologist/Environmental Bureau Chief

DGB/ag

cc:

Jerry Sexton - Oil Conservation Division Hobbs
Phillip L. Westen - EID Special Waste Bureau - Santa Fe
Boyd Hamilton - Hazardous Waste Bureau, Santa Fe
William Terry - EID Waste Management of NM, Rio Rancho

UNIFORM HAZARDOUS WASTE MANIFESTS



Chemical Waste Management, Inc.

ENRAC Division 4227 Technology Drive Fremont, California 94538-6337 415/770-0575

June 21, 1990

Mr. Steve Tischler Geraghty & Miller, Inc. 1030 Andrews Highway Suite 120 Midland, Texas 79701

Dear Mr. Tischler:

Enclosed, you will find one (1) copy of each manifest for off site movements of contaminated soil from the Lea Refining site. These include:

- 1) LA 1186926 29
- 2) TR 1 14
- 3) CP 1 14
- 4) OP 1 234
- 5) CT 1 64

Bot Hulen

I am currently holding all originals, including weight tickets, and will distribute to Russel Buss at the close of the project. Feel free to contact me at 415/770-0575 if you need additional assistance.

Sincerely,

Chemical Waste Management, Inc.

ENRAC Division

Bob Hulet

Project Manager

BH:dmh

Enclosure

.



Chemical Waste Management, Inc.

Route I Box 1955 Sulprum Louisiana 70663 318/563-2169

MAY 03 1990

April 27, 1990

Southern Union Refining Company P O Box 980 Hobbs, NH 88240

RE: RETURN OF MANIFEST COPIES TO GENERATOR

To Whom It May Concern:

Attached are all of the remaining copies of the following manifests which are being returned to you as required by LAC33:V.913.C.

DATE REC'D	MANIFEST NO.	DATE REC'D	NANIPEST NO.	DATE REC'D	MANIFEST NO.
04/21/90 04/21/90	1186928 1186926	04/21/90	1186927	04/21/90	1186929

If you should have any questions concerning the return of these manifest copies, please contact the Chemical Waste Management, Inc. Document Control Department at 318-583-2169.

Sincerely,

Pamala Riggs

Document Control Supervisor

cc: Document Control File #612.01.07

* STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY HAZARDOUS WASTE DIVISION P.O. BOX 44307

EPA Form 8700-22 k(Rev. 9/88) Previous edition is obsolete.'
TSD FACILITY MAIL TO GENERATOR

4/18

137077

BATON ROUGE, LOUISIANA 70804 Form Approved. OMB No. 2050-0039. Expires 9-30-91 print or type. (Form designed for use on elite (12-pitch) typewriter.) information in the shaded breast is not required by Federal law. 1. Generator's US EPA ID No. UNIFORM HAZARDOUS WASTE MANIFEST Generator's Name and Mailing Address A. State Manifest Document Number Southern Union Refining Co 1186926 P.O. BOX 980 NM 88240
HOBBS
Generators Phone (409) 962-8888 OV 505.396-582/
6. US EPA ID Number B. State Generator's ID C. State Transporter's ID D. Transporter's Phone 505-393 -1010 E. State Transporter's IO F. Transporter's Phone 9. Designated Facility Name and Site Address US EPA ID Number G. State Facility's ID CHEMICAL WASTE MGT., INC. 121639 RT 2, JOHN BRANNON RO. H. Facility's Phone (318)583-2169LAPP007777291 CARLYSS, LA 70633 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) i. Waste No. Quantity Type * RQ, HAZARDOUS WASTE SOLID, N.O.S., DENTITE ORM E, NA9189 (DOOT) EPACTORIC for 1412 OPIL DITIO1010 AII D007 K. Handling Codes for Wastes Listed Above Additional Descriptions for Materials Listed Above A) HOU W12143 15. Special Handling Instructions and Additional Information It pilled contain material contact Pussel Buss @ 409-962-8888 OCPU- PB 4/20/40 80 Printed/Typed Name Month Day Year ussel a. Buss 103 1211 1910 ussel 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Month Day Year 1014 12101910 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year 9.Discrepancy Indication Space 20:Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY HAZARDOUS WASTE DIVISION P.O. BOX 44307 BATON ROUGE, LOUISIANA 70804

EPA Form 8700-22 k(Rev. 9/88) Previous edition is obsoleté.
TSD FACILITY MAIL TO GENERATOR

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DEQ FORM HW-3 (R 9/88)

Pla	se print or type. (Form designed for use on elite (12-pitch) types	vriter.)		Fo	rm Approved. OMI	No. 205	60-0039. Expires 9-30-91				
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	3. Generator's Name and Mailing Address	Generator's Name and Mailing Address South CKN Union Refinance Co				A State Manifest Document Number LA 1186927					
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	H 0 6 b 5, N/M \$ 1240 4. Generator's Phone (409) 962-8888 0V 5. Transporter 1 Company Name	505-396-5821			NÓ COLOSOIO 3 ID		Ī				
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	7. Transporter 2 Company Name	W M 10 11 12 15 15 15 17 8. US EPA 10 Number	161211	D. Tra	ensporter's Phone	505	-373-1010				
	7. Transporter 2 Company Name	8. US EPA ID Numbe	er		ate Transporter's II	•					
	Designated Facility Name and Site Address	10. US EPA ID Numbe	_لِيلِ		ansporter's Phone						
	CHEMICAL WASTE MET., INC.	IU. US EFA ID INGITIDE	,	G. 516	ate Facility's ID						
	RT. 2 9 Scannow RD.				cility's Phone						
	CARLYSS, LA 70663	LAP101010171717	201	B	18) 583-	211	69				
	11. US DOT Description (Including Proper Shipping Name, Haza	ard Class, and ID Number)	12. Cont. No.	ainers Type	13. Total Quantity	14 Unit Wt/Vol	Ł Waste No.				
G E	* RQ, HAZARDOUS WASTE SOL	io, N.O.S.,									
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	16. GENERATOR'S CERTIFICATION: 1 hereby declare that the continue in all respects in proper condition for transport by highway according to applicable internal	ints of this consignment are fully and accurately de tional and national government regulations.	scribed above b	y proper s	hipping name and are clas	sified, packs	of marked, and labled, and				
11	If I am a large quantity generator, I certify that I have a program in place to reduce the vi- method of treatment, storage, or disposal currently available to me which minimize the pres	ent and future threat to human health and the envir									
	my waste generation and select the best waste management method that is available to me an Printled/Typed Name	Signature					Month Day Year				
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Ř	18.Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Year				
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	19.Discrepancy Indication Space		. "								
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STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY HAZARDOUS WASTE DIVISION P.O. BOX 44307 BATON ROUGE, LOUISIANA 70804

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	3. Generator's Name and Mailing Address Southern Union Refining Co Po., Box 980 NM 88240			L	<u>A</u>		nent Nun	
	4. Generator's Phone (409) 962-8888 or	505-396-5821				erator's ID		
	5. Transporter 1 Company Name	6. US EPA 10 Number				sporter's II r's Phone		-393-1010
	7. Transporter 2 Company Name	8. US EPA ID Numbe	io All			sporter's 1		-3/3-1010
						r's Phone	*	
	Designated Facility Name and Site Address CHEMICAL WASTE MOT., INC.	10. US EPA ID Numbe	Эf	U. 5%	ete Facil	ny s au		
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STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY HAZARDOUS WASTE DIVISION P.O. BOX 44307 BATON ROUGE, LOUISIANA 70804

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	16. GENERATOR'S CERTIFICATION: .1 hereby declare that the contents of are in all respects in proper condition for transport by highway according to applicable international	ind national government regulations and toxicity of waste generated to the dagr of luture threat to human health and the envi	es L have determ	uned to be	economically (racticable	and that I h	ave selected the practicable
	my waste generation and select the best waste management method that is available to me and that I Printed/Typed Name	Signature						Month Day Year
L	Russel A Buss	aussel (a. (<u> </u>	02			101312111910
Ŧ	17.Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					· · · · · · · · · · · · · · · · · · ·	Month Day Year
TRANSPORTER	David Mevers	DAVIdme-						041201910
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SPECIAL WASTE MANIFESTS

D	Generator: Southern Union Gas	Job Name: Southorn Union Gas
	P.O. Boy 2000 Address: BROWS TX 17619	Job Name: Southfren Union Gas P.O. Bat 980 Address: Habbs NM 88240
	Phone: (409) 967-8888	Phone: (505) 396-5821
	QUANTITY ANI	DESCRIPTION
	Proper Shipping Name: conf. Sail	Quantity: 2/1 Units: CY
	DOT Hazard Class: None	
	Identification Number: NA	».
٧	Reportable Quantity: NA	· · · · · · · · · · · · · · · · · · ·
	Additional Description: Peofile #	
	Rep. Sample = 5-CT19	
	Container(s): end dump	
	Special Handling Instructions: confo	ins zinc cheanate
Ď	as defined by 40 CRF Part 260.10 or hazardous waste as defined by 40 CRF 20 properly described, classified and part transportation according to applicable Generator Authorized Agent Sign Transporter:	rasel Buss 3-20-90 Shipment Date TRUKING
	Address: ALBUQUERQUEHOUS NA	Phone: 8776911
	Driver: Wayne Ritter Truck No	o.: 21-74AOTag No./State: 486645
	I hereby certify that the above named material was picked up at the generator site listed below.	
	Wayne Author 3/20/90 Driver Signature Shipment Date	Wayne Ritter 3/20/98
	Driver Signature Shipment Date	Driver Signature Shipment Date
	Received at: KID RANCK S.	Anypry Londing
	I hereby certify that the above name may best of my knowledge, whe above is true	e and correct.
	Signed: //	Print: 10
	Signed: 14 20-90 Date: 3-20-90 7 911d Between 375.800	1 22 = 900 NOITH
5 ;	1 911d Between 375.800	ANA 3/3/

)	Generator: Southern Union Gos Job Name: Southern Union Gos
	P.O. Box 2000 Address: Graves TX 17619 Address: Hobbs NM 88240
	Phone: (409) 962-8888 Phone: (505) 376-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: cont. soil Quantity: 120 Units: CY
	DOT Hazard Class: None
	Identification Number: N/A
	Reportable Quantity: NA
	Additional Description: Peofile # wma 02757
	Rep. Sample = S-CT 19
	Container(s): end dump No: / Type T
	Special Handling Instructions: <u>Contains zinc Cheomafe</u>
•	hazardous waste as defined by 40 CRF 261 or any applicable state law has bee properly described, classified and packaged, and is in proper condition fo transportation according to applicable regulations. Generator Authorized Agent Signature Signature Shipment Date
	Transporter: TAD TRUCKING
	Address: 500 N. Shipp Hobbs, N.M. Phone: 505-393-1016
	Driver: Bill Brown Truck No.: 24-8/AD Tag No./State: RP60542 CA.
	Direct. 13111 Civallo 11 de la 1917 de la 19
	I hereby certify that the above named material was picked up at the generator site listed below. Driver Signature I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date Driver Signature Shipment Date
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. What have the above named material was delivered without incident to the destination listed below.
D	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date

	Generator: Southern Union Gas Job Name: Southern Union Gas
	#0. Box 2000 Address: <u>Gregores TX 77619</u> Address: <u>Hobbs NM 88240</u>
	Phone: (404) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Cost. Soil Quantity: #20 Units: CY
	DOT Hazard Class: None
	Identification Number: N/A
	Reportable Quantity: NA
	Additional Description: Peofile # WMA 02757
	Rep. Sample = S-CT19
	Container(s): trailer No: Type end dump
	Special Handling Instructions: <u>Confains Zinc Chempte</u>
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260:10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Signature Signature Shipment Date
	Transporter: TAD TRUCKING
:	Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-1010
	Driver: Richard Rowley Truck No.: 26-8540 Tag No./State: AD 86649CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. Charled Moule 3-20-90 Driver Signature 3-1/90 Shipment Date Driver Signature Shipment Date
	Received at: Kin KANCAN DANI JAM LANGETIL
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: 2
	Chil (19/13)
A. I	ST LOUIS BETWEEN SISSAUS 1551.100 THE STAND 1551.100

NO: CT-4

Generator: Southern Union Gos	Job Name: Southern Union G35
P.O. Box Zooo Address: <u>GRAVES TX 77619</u>	P.O. BOX 980 Address: Hobbs NM 88240
Phone: (409) 962-8888	Phone: (505) 396-5821.
QUANTITY AN	D DESCRIPTION
Proper Shipping Name: Coltan Solf	Quantity: 2/1 Units: CY
DOT Hazard Class: 1000	
Identification Number: N/A	
Reportable Quantity: NA	
Additional Description: Peofile #	WMA 02757
Rep. Sample = 5-CT19	
Container(s): TRaileR	No: Type enddunp
Special Handling Instructions: Contain	as zinc cheomate
	regulations. ssel Ques 3-20-90 nature Shipment Date
Address: 506 N Shipp Hobbs, A	U.M. Phone: 505-393-1010
Driver: John V. Penick SR. Truck N	o.: 204 Tag No./State: PR 19266N M
I hereby certify that the above named material was picked up at the generator site listed below. Sohn Received at: Rio Rancho SA	I hereby certify that the above named material was delivered without incident to the destination listed below.
Received at: KIO RANCHO SA	INTALY
I hereby certify that the above name mobest of my knowledge, the above is true	aterial has been accepted and to the
Signed: 709 Date: 3.20	,
CIT FAIT (- 1 C-1	- 375,800 AND 375.400
CIT EAST Grid Cetwern North grid Between 155,	7,25 And 1557,100.

No: CT-5

	Generator: Southern Union Gas Job Name: Southern Union Gas
	P.O. Box 2000 Address: Graves TX 71619 Address: Hobbs PM 88240
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contan. soil Quantity: 218 Units: CF
	DOT Hazard Class: None
	Identification Number: N/A
	Reportable Quantity: NA
٠.,	Additional Description: Peofile # WMA 02757
٠	
	Rep. Sample = S-CT19 Container(s): Heailer No: Type end dump
	.Special Handling Instructions: contains zinc cheomate
ŧ	
•	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Constant Constan
	Transporter: TAO TRUCKing
	Address: 506 N. Shipp Hobbs, N.M. Phone: 505-393-1010
	Driver: ViRgil Stephens Truck No.: 203-7980 Tag No./State: PR19267 NM
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Diversignature Shippent Date Driver Signature Shipment Date
	Received at: RIO RANCH SAINTARY LANDS
)	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Roy Fundamental has been accepted and to the best of my knowledge, the above is true and correct.
_	Date: 3-20-10 AST Grid Britaria 375, 800 And 375, 900 The Grid Britaria 1557, 25 And 1557, 100
. ,	th grid Between 1557,25 And 1557,100
	· /

K591,1

	Generator: Southern Union Gos Job Name: Southern Union Gos
	P.O. Box 2000 Address: Acous 7x 276A Address: 4665 Nm 88240
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: cont. soil Quantity: 218 Units: CF
	DOT Hazard Class: None
	Identification Number: N/A
	Reportable Quantity: N/A
	Additional Description: Profile # cump 02757
	Rep Sample = 5-CT19
	Container(s): Hoiler No: 1 Type end dump
	Special Handling Instructions: Contains Zine chromote
, .	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 of any applicable state law has been properly described, classified and packaged, and is in proper condition for
	Transportation according to applicable regulations. Substantive Substantial Substantial Shipment Date S
	Transporter: TAO TRUCKING
	Transporter: TAO TRUCKING Address: 506 N. Sh. AA Hobbs, N.M. Phone: 505 393 1010
	Transporter: TAO TRUCKING
	Transporter: TAO TRUCKING Address: 506 N. Sh. AA Hobbs, N.M. Phone: 505 393 1010
	Transportation according to applicable regulations. Generator Authorized Agent Transporter: TAD TRUCKING Address: Solo N. Sh.AA Hobbs, N.M. Phone: 505 393 1010 Driver: Robert Macias Truck No.: 44-86AC Tag No./State: 8840858 I hereby certify that the above named material was picked up at the material was delivered without
•	Generator Authorized Agent Transporter: TAD TRUCKING Address: SOLON, Shape Hooks, N.M. Driver: Robert Marias Truck No.: 44-86AA Tag No./State: 8840852 I hereby certify that the above named material was picked up at the generator site listed below. Truck No.: 44-86AA Tag No./State: 8840852 I hereby certify that the above named material was delivered without generator site listed below. Toldent to the destination listed below. Thereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
	Generator Authorized Agent Transporter: TAO TRUCKING Address: SOLO N. Sh.AA Hobbs N.M. Driver: Robert Macias I hereby certify that the above named material was picked up at the generator site listed below. Triver Signature The signature Truck No.: 44-86AC Tag No./State: 8440852 I hereby certify that the above named material was delivered without generator site listed below. Triver Signature The signature Shipment Date Thereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: 100/100/100/100/100/100/100/100/100/100
	Generator Authorized Agent Transporter: TAD TRUCKING Address: SOLON, Shape Hooks, N.M. Driver: Robert Marias Truck No.: 44-86AA Tag No./State: 8840852 I hereby certify that the above named material was picked up at the generator site listed below. Truck No.: 44-86AA Tag No./State: 8840852 I hereby certify that the above named material was delivered without generator site listed below. Toldent to the destination listed below. Thereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.

Generator: Southern Union 605	Job Name: <u>Southern Union 605</u> P.O. Box 980
P.O. BOX 2000 Address: Gerops TV 71619	Address: <u>Holds NM 88740</u>
Phone: (409) 962-8888	Phone: (505) 396-5821
QUANTITY	AND 1 CRIPTION
Proper Shipping Name: conf. Soil	Quantity: 19 Units: Cy
DOT Hazard Class: None	
Identification Number:	
Reportable Quantity: NA	
Additional Description: Profile	# WMA 02757
Rep. 52aple = 5-CT19	
Container(s): HoleR	No: / Type end dump
Special Handling Instructions: Co	stains zinc chrande
properly described, classified and transportation according to applicate the second se	packaged, and is in proper condition of ble regulations. Quasel Buss 22-90
properly described, classified and transportation according to applicate the second se	packaged, and is in proper condition of ble regulations.
properly described, classified and transportation according to application according to applications. Separator Authorized Agent Transporter: TAO TRUCKING	packaged, and is in proper condition of ble regulations. Quasel Buss 22-90
properly described, classified and transportation according to applicate the second state of the second sec	packaged, and is in proper condition; fible regulations. Quasel Buss 22-90 Signature Sos-393-1010
properly described, classified and transportation according to applicate the second se	packaged, and is in proper condition for the regulations.
properly described, classified and transportation according to applicate the second se	packaged, and is in proper condition; fible regulations. Qualified Buss 22-90 Signature Shipment Date
properly described, classified and transportation according to applicate the special services of the s	packaged, and is in proper condition; fible regulations. Charles Buss 22-90 Signature Shipment Date
properly described, classified and transportation according to applicate the second se	packaged, and is in proper condition for the regulations.
properly described, classified and transportation according to applicate the special services of the property of the special services of the special s	Signature Sos- Shipment Date Phone: 393-1010 k No.: 19-80AD Tag No./State: AP86643 CA ed I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date SA:
properly described, classified and transportation according to applicate the special services of the property of the special services of the special s	packaged, and is in proper condition for ble regulations.
properly described, classified and transportation according to applicate the special services of the property of the special services of the special s	packaged, and is in proper condition for ble regulations.
properly described, classified and transportation according to applicate the special services of the special services and transporter: Transporter: The Trucking Address: Sol N. Shipp Driver: Gue Garcia Truck I hereby certify that the above name material was picked up at the generator site listed below. The Signature Received at: Received at: Received at: Received that the above name and the generator site listed below.	packaged, and is in proper condition of ble regulations. Sussel Buss 23-90 Signature Shipment Date

	Generator: Southern Union Gas Job Name: Southern Union Gas
	Address: 60 80x 2000 Address: 60 80x 2000 Address: 60 80x 900 Address: 60 80x 900 Address: 60 80x 900
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: New Quantity: 18 Units: CY
	DOT Hazard Class: None
	Identification Number: NA
	Reportable Quantity: NA
	Additional Description: Peofile # WMA 02757
	Rep. Sample = 5-CT 19
	Container(s): end dump No: / Type Truck
	Special Handling Instructions: contains zinc cheanale
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid CRF 261 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid CRF 261 or any applicable state law, is not a hazardous waste la
	Address: 506 N Shipp Hobbs N.M Phone: 505-393-1016
	Driver: HARRY Johnsky Truck No.: 43-77AM Tag No./State: RP 40857 CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date
	Received at:
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
	signed: TEN HELL Print: Yev Helk
1	Date: 3-21-91
ع	AST GRISH BETWEEN 375.800 AND 375.900 EXX559/13

2528

NO: CT-9

	Generator: Southern Union Gas Job Name: Southern Union 605
	Address: 6200 TV 7769 Address: 4055 NN 8824
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Name: Soil Quantity: 211 Units: Cr
	DOT Hazard Class: N/A
	Identification Number: NA
	Reportable Quantity: N/A
	Additional Description: Profile # WMA 02757
	S-CT 19= Rep. Sample.
	Container(s): <u>Tealer</u> No: 1 Type <u>Exidum</u>
	Special Handling Instructions: Confains Zinc Cheomate
	•
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF. Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Current Buss 3-20-90 Shipment Date Transporter: TAD TRUCKing TRUCKing Transporter: TAD TRUCKing Transporter: Tab Transporter: T
	Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-1016
	Driver: Scott Woznick Truck No.: 25-84A) Tag No./State: AP 86648
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Schwonik 3/20/90 Scettlebruck 3/20/90 Driver Signature Shipment Date Driver Signature Shipment Date
	Received at:
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
•	Signed: Print:
;	Date: 2 22 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EA	St grid Etturen 375 800 And 275, 900 North
2/2	Signed: Print: Roy Ewing Date: 320-90 St 911d Return 375.000 And 275,900 North Id Bathyrn, 1557.25 And 1557 100

NO: CT-10

Generator: Southern Union Gas	Job Name: Southern Union 625
Address: <u>Graves</u> , TX <u>176/9</u>	Address: Hobbs NM 88240
Phone: (409) 962-8888	Phone: (505) 396-582/
QUANTITY A	ND DESCRIPTION
Proper Shipping Name: None	Quantity: 211 Units: CP
DOT Hazard Class: <u>None</u>	
Identification Number: NA	
Reportable Quantity: W/A	
Additional Description: Peofile #	WMA 02757
Rep. 52006= 5-CT19	
Container(s): HaileR	No: Type <u>end dump</u>
Special Handling Instructions:	ains ziec cheomate
properly described, classified and patransportation according to applicable	261 or any applicable state law has been ackaged, and is in proper condition for e regulations. 2-20-90 3-10-90 Shipment Date
Address: 506 N. Sh. PA Hobs, N.	M. Phone: 505 393 1016
•	No.: 27-87A5 Tag No./State: AP 86650 CA.
I hereby certify that the above named material was picked up at the generator site listed below.	I hereby certify that the above named material was delivered without incident to the destination listed below 3-20.90 Driver Signature Shipment Date
Received at: RIO RANCH SA	1-1814 LAND 5,11
I hereby certify that the above name modest of my knowledge, the above is true	
Signed: Ry	Print: Roy Euris
Date: 3-20-90 EAST GIID BETWEEN 375. Nulth GIID BETWEEN 1557.	800 And 375,900
	_

	Generator: Southern Union 625 Job Name: Southern Union 628
	P.O. Box 2000 Address: 600 P.O. Box 180 Address: 600 Address: 40665 NM 88240
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Can't Soi/ Quantity: 19 Units: Cf
	DOT Hazard Class:
	Identification Number: NA
	Reportable Quantity: N/A
	Additional Description: Profile# WMA 02757
	Lep. Sample = 5-CT19
	Container(s): <u>FRSILER</u> No: Type <u>end dump</u> Special Handling Instructions: <u>Confains Zinc Chromate</u>
	Special Handling Instructions: Confains Zinc Cheomate
D	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
	Transporter: TAO TRUCKing
	Address: 506 N. Shipp Phone: 505-393-1010
	Driver: Nick Near) Truck No.: 28-73AN Tag No./State: BP85316
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Dick Dean 3/20/90 Dick Dean 5/2//90 Driver Signature Shipment Date Driver Signature Shipment Date
	Received at: Kio KANCHO SANTATU LANGFILL
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
	Signed: TEN HERE Print: 72V HERE
	Date: 3-21-90
۶	AST GOV BSTUSSIN 375.800 AND 375, 900
N	EAST GRIG BETWEEN 375.800 AND 375, 900 PKN.559/13

	Generator: Southern Union Gas Job Name: Southern Union Gas
	Address: 62205, 7% 77619 Address: 4665 NM 88290
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: costom. Soil Quantity: 18 Units: C9
	DOT Hazard Class: None
	Identification Number: NA
	Reportable Quantity: NA
	Additional Description: PROFILE # WMA 02357
	Rep. Sample = 5-CT-18
	Container(s): Railer No: Type enddump
	Special Handling Instructions: contains zinc Chemote
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
	Generator Authorized Agent Signature Shipment Date
	Transporter: TAO TRUCKing
	Address: 506 N. Shipa Hobbs N. M Phone: 505-393-1016
	Driver: DENNIS RAINS Truck No.: 35-22AO Tag No./State: APRIL 54 CA.
	I hereby certify that the above named I hereby certify that the above named
	material was picked up at the generator site listed below. material was delivered without incident to the destination listed below.
	Driver Signature Shipment Date Driver Signature Shipment Date
	Received at: KINKAMO DAN THING LANGTI
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
	Signed: TEN HELL Print: AZU HELL
	Date:
2	Date:

NO: CT-B

	Generator: Suffee Union 625 P.O. Bar 2000 Address: GRaves TX Job Name: Southern Union Gos P.O. Gox 980 Address: Habs no
	Address: GRaves TX Address: Holbs NM
	Phone: (409) 962-8888 Phone: (55) 396-582/
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: <u>Confam. Soil</u> Quantity: <u>21</u> Units: <u>CY</u>
	DOT Hazard Class: <u>None</u>
	Identification Number: NA
	Reportable Quantity: NA
	Additional Description: Profile # wma 02757
	Rep Sample = 5-CT18
	Container(s): froile No: Type end dump
	Special Handling Instructions: Confains Zinc Chromate
D	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
	Transporter: TAD TRUKING
	Address: 506 N. Shipp Hobbs, N.M Phone: 505-393-1010
	Driver: LeLAND ALLON Truck No.: 27-87AO Tag No./State: AP 86650CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. $3-2/-90$
	Driver Signature Shipment Date Driver Signature Shipment Date
	Received at: Pip TAY M AN HAM LACET
_	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
	Signed: DIN FUM Print: DEN 120K
	Date: 3-2-90
E	PAST GRUDE BETWEEN 375, 800 AND 375, 900 EKN ONTH EIZIG BETWEEN 1557, 25 AND 1557, 100 5591, 13
N	ONTH EIZIG BETWEEN 155% 25 AND 155%, 100 5591,13

955

Generator: Southern Union has	Job Name: Southern Vision Cas
Address: 6Rays TX	Ro. Box 950 Address: Hobbs Lim
Phone: (409) 962-8888	Phone: (505) 396-5821
QUANTITY AND	DESCRIPTION
Proper Shipping Name: Contam 501	Quantity:Qunits:
DOT Hazard Class:	
Identification Number: <u>UA</u>	· · · · · · · · · · · · · · · · · · ·
Reportable Quantity: 1/4	
Additional Description: Profile #	Wm A 02757
Rep. Sample = 5-CT 18	
Container(s): TRailer	No: Type end domp
Special Handling Instructions: Conto	ins Zinc ChRomate
I hereby certify that the above named as defined by 40 CRF Part 260.10 or hazardous waste as defined by 40 CRF 260 properly described, classified and pack transportation according to applicable transportation according to applicable Generator Authorized Agent Signature TAN TRUCKING	any applicable state law, is not a lor any applicable state law has been taged, and is in proper condition for regulations.
Address: 506 N. Shipp Hobbs, N.	M. Phone: 505-393-1010
	: 44-86AO Tag No./State: 84 40 858 CA.
I hereby certify that the above named material was picked up at the generator site listed below. Driver Signature Shipment Date	Thereby certify that the above named naterial was delivered without incident to the destination listed pelow. 3-21-90 Oriver Signature Shipment Date
I hereby certify that the above name mat best of my knowledge the above is true Signed:	erial has been accepted and to the and correct. Print: CV+Rel
Date: 3-21-97) EAST GOLD BETWEEN 375.800 NOTITH GRIE BETWEEN 155725	AND 1557,100 ELEV. 5591,13

234

NO: <u>CT-15</u>

ì	Generator: Southern Union bas Job Name: Southern Union bas
J	Address: Laures TX Address: Hobbs Am
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam Sil Quantity: W20 Units: CY
	DOT Hazard Class: Mone
	Identification Number: 1/A
	Reportable Quantity: W/A
	Additional Description: PROCL # WMA 02757
	Rep Simple = 5-CT 18
	Container(s): Trailer No: / Type End dum p
	Special Handling Instructions: Contains Zine ChRomate
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
	Transporter: TAD TRUCKing
	Address: 50% N. Shipp Hobbs N.M. Phone: 505-393-1010
	Driver: Soft Wornick Truck No.: 25-84AO Tag No./State: AP 86648 CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Scott Worrick 3 2190 Sut Worrick 321 and Driver Signature Shipment Date Driver Signature Shipment Date
	Received at: 10 VANUAU OHVE FRY CHARTEL
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print:
	12-01-00
	Date: 150 1 90 ANL 375, 90 CEVISSANS
الر	45T GRE BETWEEN 5/5: YOU AND 5/5,90 CEVISSANS
IV.	/// JD / TI P / TT JUJZ / M /TL/LAN MAJ/// J / Y /JJ////

Generator: Southern Union has	Job Name: Southern Union Les
Address: 6Raves TX	Address: Hobbs No
Phone: (409) 962-8888	Phone: (505) 396-5821
QUANTITY 1	AND DESCRIPTION
Proper Shipping Name: Contam So	Quantity: <u>20</u> Units: <u>4</u>
DOT Hazard Class:	
Identification Number: 1/A	
Reportable Quantity: 1/4	
Additional Description: PROLL #	WMA 02757
Rep. Sample = 5-cT 18	
•	No: / Type end domp
Special Handling Instructions:	tains Zinc Chramate
transportation according to applicable	packaged, and is in proper condition for le regulations. Constant 3-21-90 Indiana Shipment Date
<u> </u>	N.M. Phone: 505-393-1016
· · · · · · · · · · · · · · · · · · ·	No.: 204-1264 Tag No./State: PR19266 N.M.
I hereby certify that the above named material was picked up at the generator site listed below. 3-21-90 Shipment Date Received at:	i I hereby certify that the above named material was delivered without incident to the destination listed below.
best of my knowledge, the above is to Signed:	Print: YEV HER
Date: 5-21-90 EAST GRIL BETWEEN 37 DONAL GRIL RETWEEN 15	5,800 AND 375. 900 ELEUSS9
160th Cold Returned 15	C125418 1557, 100

	Generator: Southern Union bas Job Name: Southern Union Gas
. —	Address: by aux TX Address: Hobbs Um
	Phone: (4091 962-8888 Phone: (5051 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam - Soil Quantity: W20 Units: CY
	DOT Hazard Class:
	Identification Number: \mathcal{U}/Δ
	Reportable Quantity: 1)/q
	Additional Description: PRofile # wn 4 02757
	Rip Sample = 5-6T 18
	Container(s): TRailer No: / Type end dump
	Special Handling Instructions: Contains Zine ChRomate
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Also Dusse Buss 3-21-90 Shipment Date
	Transporter: TAO TRUKING
	Address: 506 N Shipp Hobbs N.M 88240 Phone: 505-393-1010 Driver: GOS GARCIA Truck No.: 19-80AD Tag No./State: AP 86643 CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. Saria 3/21/90 Gus Garia 3/21/70
	Received at: 10 AN IAM ANGO!
•	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: 3-21-10 Date: 3-21-10 AST GRUL BETWEEN 375,800 AN 375,900 EEV 559/13
E, No	NAGRIA BETWEEN 1557.25 AND 1557.100

	Generator: Southern Union tras Po box 2000 Job Name: Southern Union tras P.O. Box 980
	Address: 6 races TX Address: Hobbs Nm
	Phone: 1409) 962-8888 Phone: (305) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam. Soil Quantity: \$20 Units: 64
	DOT Hazard Class:
	Identification Number: 1/A
•	Reportable Quantity:
	Additional Description: Phosic # wnA 02757
	Rep. Sample = 5-CT 18
	Container(s): tlailer No: / Type end dump
	Special Handling Instructions: Contain: Zinc ChRomate
D	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
	Russel Buss 3-21-90 Generator Authorized Agent Signature Shipment Date
	Transporter: TAD TRUCKing
	Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-1010
	Driver: Vingil Stephens Truck No.: 263-79AO Tag No./State: PR 19267 N.M.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed helow.
	Direct W. Stocker 3/21/90 Vingil W. Stockers 3/21/90 Driver Signature Shipment Date Driver Signature Shipment Date
	Received at: KID KON MO ANTAMY LANGTI
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: KZW-KZK
	Date: 3-21-90
٤	EAST GRUB BETWEEN 375.800 AND 375.900 ELEV. 5591.13
å <u>1</u> 2	77 GRUB BOTUREN 1551.75 Auto 1557, 100

	SPECIAL WASTE MANIFEST = /3/
	Generator: Southern Union less Job Name: Southern Union bas
	Address: Lyaves TX Address: Hobbs NM
	Phone: (409) 962 - 8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam. Soil Quantity: 120 Units: CY
	DOT Hazard Class: None
	Identification Number: N/A
	Reportable Quantity: NA
	Reportable Quantity: NA Additional Description: PRofile # wn A 02757
	Rip. Sample = 5-CT 18
	Container(s): TRacke No: / Type end dem P
	Special Handling Instructions: Contains Zinc Ch Romale
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Austel Guess 3-21-90 Shipment Date
:	Transporter: TAO TRUKING
	Address: 506 N. Shipp Hobbs N.M Phone: 505-393-1010
	Driver: WAYNS Ritter Truck No.: 21-74AD Tag No./State: AP 86645 CA.
	I hereby certify that the above named material was picked up at the generator site listed below. Mayne Rifer 3/2/90 Driver Signature Shipment Date I hereby certify that the above named material was delivered without incident to the destination listed below. Mayne Rifer 3/2/90 ADDIVER Signature Shipment Date
	Received at: KO ANO SANTAM LANGE!
	I hereby certify that the above name material has been accepted and to the best of mytknowledge, the above is true and correct. Signed: Print: 121420
2	Date: 3-21-90 EAST GILLE BETWEEN 375, 80 AND 3/5,900 EKUSS91,13 MAN GILLE BETWEEN 1551,25 AND 1557/00

	Generator: Southern Union 625 Job Name: Southern Union Fas
	Address: FRIVES TX Address: Hobbs NM
	Phone: (404) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam Soil Quantity: 219 Units: C4
	DOT Hazard Class:
	Identification Number: ν
	Reportable Quantity: ν
	Additional Description: PRofile # wm A 0 2757
	Rep. Sample = 5-CT 18
	Container(s): No: / Type Indden P
	Special Handling Instructions: Contains Zinc Chlemate
	as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Charles Charles 3-21-20
	Address: 50% N. ShiAA Hobbs N.M. Phone: 505-393-1010
	Driver: John Penick Truck No.: 204-1204 Tag No./State: AR 1924, NM.
6	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. Shipment Date Received at: 10 ANONO ANI AM ANALY Shipment Date
D	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: 121-20-00-00-00-00-00-00-00-00-00-00-00-00-
2	PAST GILL BETWEEN 375,800 And 375,900 EJENS591.13

J	Generator: Southern Union 625 Job Name: Southern Union the
	Address: GRaves TX Address: Hobbs NM
	Phone: (409) $962-8888$ Phone: (505) $396-5821$
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam, Sil Quantity: 216 Units: CY
	DOT Hazard Class: None
	Identification Number: ν/a
	Reportable Quantity: WA
	Additional Description: PRofile # wmA 02757
	Rep. Sample = 5-CT 18
	Container(s): $\frac{1}{R_{2}}$ No: No: Type end dump
	Special Handling Instructions: Contains 7 inc Chromate
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Cussel Buss 3-23-90 Shipment Date
	Transporter: TAO TRUCKING
	Address: 50% N. Shipp Hobbs N.M. Phone: 505-393-1010
	Driver: Robert Macias Truck No.: 44-80AA Tag No./State: BP 40888 CA.
	I hereby certify that the above named I hereby certify that the above named material was picked up at the generator site listed below. 3-33-90 3-33-90
	Driver Signature Shipment Date Driver Signature Shipment Date Received at: NO NANUMO SANI TAM LANGE!
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print:
-	Date:
A	ST GRIL BUTWEEN 375, 800 AND 375, 900 EKN, 5591, B
10	71h GOLD KETOKEN 1550,25 ALD 1751,100

Generator: Southern Union 625	Job Name: Southern Union bas
Address: 6Raics TX	Address: Hobbs Um
Phone: (409) 962 - 8888	Phone: (505) 396-5821
QUANTITY A	ND DESCRIPTION
Proper Shipping Name: Contam - Soi	Quantity: 219 Units: CY
DOT Hazard Class:	
Identification Number: 1/4	
Reportable Quantity: 1/4	
Additional Description: PROFIL #	WnA 02757
Rep Sample = 5-CT 18	
Container(s): thailer	No: / Type < nd dump
Special Handling Instructions: Con-	zins Zine Chromate
as defined by 40 CRF Part 260.10 of hazardous waste as defined by 40 CRF properly described, classified and part transportation according to applicable	d material does not contain free liquid or any applicable state law, is not a 261 or any applicable state law has been ackaged, and is in proper condition for e regulations. 3-23-90 Shipment Date
Transporter: TAO TRUCKing	
Address: 506 N. Shipp Hobbs, N	.M. Phone: 505-393-1010
Driver: Downis Raines Truck	No.: 35-80AS Tag No./State: APR6654 CA
I hereby certify that the above named material was picked up at the generator site listed below.	material was delivered without incident to the destination listed below.
Driver Signature Shipment Date	Driver Signature Shipment Date
Received at: NO PONEM SANT	Dy LANG (11)
I hereby certify that the above name is best of my knowledge, the above is tri	material has been accepted and to the ue and correct. Print: 920 / ECC
Signed: 77 Para	
EAST GULD BETWEEN 375.800 9	Bub 375.900 Shill 3
with Grid Between 1557.25	1165/5/10 ElEVISSIL-13

Generator: Southern Union 625 Job Name: Southern Union 625 P.O. Box 2000 P.O. Box 2000
Address: Hobbs 11M
Phone: (409) 962-8888 Phone: (505) 396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: <u>Contam Soil</u> Quantity: <u>219</u> Units: <u>C4</u>
DOT Hazard Class:
Identification Number: \mathcal{U}/A
Reportable Quantity: A) A
Additional Description: PRofile # wnA 02757
Rep Sample = 5=CT 18
Container(s): +Railer No: 1 Type enddemp
Special Handling Instructions: Contains Zine Chromante
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Transporter: TAN TRUCKing
Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-1010
Driver: V.Rg.L Stephens Truck No.: 203-79H Tag No./State: PR 1926.7 N.M.
I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date Driver Signature Shipment Date
Received at: Rib KANCho SAM HAM LANG !!
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print:
Date: 3/30/10 CAST GREA BETWEEN 375, 800 AND 375.400 EXUSS91.13
CAST CARLO BETWEEN 313, 800 AND CEUSSY1.13
Date: 3/20/10 EAST CORNER BETWEEN 375, 800 AND 375, 400 EXUSS91.13 NATA CORN BETWEEN 1557,25 AND 1557 107

1241

NO: <u>CT-24</u>

	Generator: Southern Union Las Job Name: Southern Union Las
	Address: Hobbs Um
	Phone: $(409)962 - 8888$ Phone: $(505) 346 - 5821$
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam Soil Quantity: 219 Units: C4
	DOT Hazard Class: None
	Identification Number: 1/A
	Reportable Quantity:
	Additional Description: PRofile # Wm A 02767
	Rep. Sample = 5-CT 18
	Container(s): TRailer No: / Type end dum P
	Special Handling Instructions: Contains Zinc ChRomate
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Generator Authorized Agent Signature Signature Shipment Date
	Transporter: TAD TRUCKING
	Address: 506 N. Shipp Hobbs, N.M. Phone: 505-393-1010
	Driver: LeLAND Allen Truck No.: 27-87AD Tag No./State: AP86650 CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date I hereby certify that the above named material was delivered without incident to the destination listed below. Shipment Date
	Received at: K'D FRONCho JAN THEY LANGT
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Print:
	11-2/1-1011
5	AST GRID between 375, 900 milecul. 13
1	Date:
7	INCHIL WIND ITA HUYLIN I - I - I - I - I - I - I - I - I - I

NO: CT 25

	Generator: Southern Union Gas	Job Name: Southern Union tens
	Address: Jeraues Tx	Address: Hobbs NM
	Phone: (409) 962-888	Phone: (SoS) · 396-5821
	•	DESCRIPTION
	Proper Shipping Name: Contam Soil	Quantity: 2/ Units: CY
	DOT Hazard Class:	
	Identification Number: ///	
	Reportable Quantity:	
	Additional Description: PRofile #	
	Rep. Sample = 5-CT/8	
	Container(s): +Raile	
	Special Handling Instructions: Confi	cins Zinc Chemose
	Generator Authorized Agent Sign	any applicable state law, is not a state of any applicable state law has been skaged, and is in proper condition for
	Transporter: TAD TRUCKing	
	Address: 506 N. Shipp Hobbs,	V.M. Phone: <u>505-393-1010</u>
		0.711. Frione. 30,3-3,73-700
		.: 25-84AA Tag No./State: AP 86648 CA.
	Driver: <u>cott Wozwick</u> Truck Not I hereby certify that the above named material was picked up at the generator site listed below.	I hereby certify that the above named material was delivered without incident to the destination listed below.
	I hereby certify that the above named material was picked up at the generator site listed below. Scatt Worrek 32290 Driver Signature Shipment Date	I hereby certify that the above named material was delivered without incident to the destination listed below. Scott Warned Shipment Date
	Driver: <u>cott Wozwick</u> Truck Not I hereby certify that the above named material was picked up at the generator site listed below.	I hereby certify that the above named material was delivered without incident to the destination listed below. Scott Warnel Blanch Driver Signature Shipment.Date
D	Driver: Cott Work Truck No. I hereby certify that the above named material was picked up at the generator site listed below. Scatt Work 3229 Driver Signature Shipment Date	I hereby certify that the above named material was delivered without incident to the destination listed below. Scott Work Shipment Date Thereby certify that the above named material was delivered without incident to the destination listed below. Scott Work Shipment Date Thereby certify that the above named material has been accepted and to the
	I hereby certify that the above named material was picked up at the generator site listed below. Scatt Worrek 3000 Driver Signature Shipment Date Received at: KiO HONG And I hereby certify that the above name material best of my knowledge, the above is true signed: Date: 100 100 100 100 100 100 100 100 100 10	I hereby certify that the above named material was delivered without incident to the destination listed below. Scott Warnel Blance Shipment Date Aterial has been accepted and to the and correct Print: EN Law Market Pr
_	I hereby certify that the above named material was picked up at the generator site listed below. School Briver Signature Shipment Date Received at: Rio Harris Land I hereby certify that the above name may best of my knowledge, the above is true signed:	I hereby certify that the above named material was delivered without incident to the destination listed below. Soft Warrick 3 Diversignature Shipment Date Aterial has been accepted and to the and correct Print: EN Lew Control of the control of

	The state of the s
	Generator: Southern Union less Job Name: Southern Union 1-25
)	Address: 1-Aaues TX Address: Hobbs um
,	Phone: (409) 962 - 8888 Phone: (505) 396 - 5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam Sil Quantity: 21 Units: CV
	DOT Hazard Class: 2000
	Identification Number: 1/A
	Reportable Quantity: $\mathcal{U} _{\mathcal{A}}$
	Additional Description: PRofile # WMA 02757
	Rep Sample = 5-CT 18
	Container(s): TRail No: / Type end demp
	Special Handling Instructions: COWTAINS ZINC CHROMATE
)	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Signature Shipment Date
	Transporter: TAD TRUCKing
	Address: 506 N. Shipp Phone: 505-393-1016
	Driver: Fred SyFrett Truck No.: 43-77Ab Tag No./State: BP 40857 CA
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Driver Signature Shipment Date Driver Signature Shipment Date Received at: 10 HAVI ANIANU ANAF!
	I hereby certify that the above name material has been accepted and to the best of my knowledge the above is true and correct.
	Signed: KEN HELL Print: KEN HELL
	Date: 3/32/9//
9	Date: 3/32/9// AST GRILD BETWEEN 375. 800 AND 375. 900 ELUS 591, 13 WORTH Grid BETWEEN 1559, 25 ANOK5 9, 100 ELUS 591, 13
4	ion of Great BE WEEN 135/12 HOURS

	Generator: Southern Union 1725 Job Name: Southern Union bas
	Address: 6Raus Th Address: Hobbs Non
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam Sil Quantity: ZIF Units: CY
	DOT Hazard Class:
	Identification Number: UA
	Reportable Quantity:
	Additional Description: Rofile 4 wma 02757
	Rep. Sample = 5-07/7
	Container(s): TRailer No: 1 Type end dump Special Handling Instructions: Contains Zinc Cheomate
	Special Handling Instructions: Confains Zinc Chromate
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Signature Shipment Date
	Transporter: TAD TRUCKing
	Address: 506 N Shipp Hobbs N.M. Phone: 505-393-1010
	Driver: HARRY Johnston Truck No.: 26-85AD Tag No./State: AP86649 CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Driver Signature Shipment Date Shipment Date Shipment Date
	Received at: Kin Howelo SANITAMY LAND Fill
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: EN EN EN
•	262/00
9	EAST Gruid BETWEEN 375-800 AND 375-900 EKU-5591. E
,	10 690 / he TUKON 1501 25 AND 1550 100 E/EUSS 100

	Generator: Southern Union 623 Job Name: Southern Union 6-25		
	PO. Box 2000 Address: 6-RAULS TX Address: Hobbs NM		
	Phone: 1409) 962-8888 Phone: (5051-396-582)		
QUANTITY AND DESCRIPTION			
	Proper Shipping Name: Cantan Soil Quantity: 21 Units: CY		
	DOT Hazard Class: None		
	Identification Number: χ/Δ		
	Reportable Quantity: VA		
	Additional Description: PRoC. L. # 02757		
	Rep. Sample =5-CT # 17		
	Container(s): TRaile No: / Type enddump		
	Special Handling Instructions: CONTAINS ZINC CHROMATE		
I hereby certify that the above named material does not contain free as defined by 40 CRF Part 260.10 or any applicable state law, is hazardous waste as defined by 40 CRF 261 or any applicable state law haproperly described, classified and packaged, and is in proper condition transportation according to applicable regulations. Constant Constant			
	Transporter: TAD TRUCKing		
	Address: 506 N. Shipp Hobbs N. M Phone: 505-393-1010		
	Driver: WAYNE Ritter Truck No.: 21-74AN Tag No./State: AP86645CA		
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.		
_	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Print:		
	Date: 3/20/96		
ε	TITA GRUDBETWEEN 375.800 AND 375.900 E/EU 5591.B		
Ne	TITA GINDBELWEEN 155% 28 AVO 1551,100		

Generator: Southern Union 1-75	Job Name: South	es Union has
Address: L-Raves TX	Job Name: South Par Box Address: Habbi	480 Non
Phone: 14097 962 - 8888	Phone: (505) 39	16-5821
QUANTITY AN	D DESCRIPTION	
Proper Shipping Name: Contam Soll	Quantity:2/	Units: <a>Y
DOT Hazard Class:		
Identification Number: 1/A		
Reportable Quantity:	wma	
Additional Description: PRofile#	02757	
Rep. Sample = 5-CT @17		
Container(s): TRaiker	No:	Type end dump
Special Handling Instructions: ONTA	INS ZINC CHRON	147E
properly described, classified and pacture transportation according to applicable Generator Authorized Agent Sign	regulations.	•
Transporter: TAID TRUKING	1 M	TAC 363 /A.
Address: 506 N. Shipp Hobbs N	_	A .
	o.: <u>28-73AO</u> Tag No./S	
I hereby certify that the above named material was picked up at the generator site listed below. Driver Signature Shipment Date Received at: 10 MAN AN 1	I hereby certify the material was deliver incident to the dest below. Driver Signature AMA L Ama [1]	red without
I hereby certify that the above name ma		pted and to the
best of my knowledge, the above is true Signed: 20 FEM	e and correct. Print: SEN	tel
Date: 3/22/90		
PATGELA RATUES 11 275. CON DA	\$375,000 F/S	We 5591.13
HST GRID BETWEEN 375,800 AM	SICOLAO	33.111

	Address: Halles TX Address: Hobbs un
	Address: Hobbs Un
	Phone: (409) 962 - 8888 Phone: 1505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam - Soil Quantity: 21 Units: CY
	DOT Hazard Class: 710ne
	Identification Number:
	Reportable Quantity: 1/A
	Additional Description: DRoCIL # WMA 02757
	Rep. Sample = 5-CT17
	Container(s): Thatler No: / Type end dump
	Special Handling Instructions: Confairs Zinc Chromate
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Case Buss 3-22-90 Shipment Date
	Transporter: TAD TRUCKING
	Address: 506 N. Shipp Habbs N. M. Phone: 505-393-1010
	Driver: Sam KiseR Truck No.: 24-8/AD Tag No./State: BP 60542
~	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. January 3/22/90
	Received at: RIOKANCHO SANITANY LANGFILL
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
•	Signed: Signed
Z	ASI and DETWEEN 3/4 800 HUG DIS. TO ELES
M	AST GRID BETWEEN 375800 AVG 375.900 ELEV. 5591, 13

	Generator: Southern Union leas Job Name: Southern Union leas
	Address: 68 Address: Hobbs NM
	Phone: 14091 962 - 8898 Phone: (505) 396 - 5821
	QUANTITY AND DESCRIPTION 16 PSA
	Proper Shipping Name: Contam Soil Quantity: Tourits: CY
	DOT Hazard Class: none
	Identification Number: $//\Delta$
	Reportable Quantity: U/A
	Additional Description: Rhofile # wma d2257
	Rep Sample = 5-CTA 17
	Container(s): TRailer No: / Type enddemp
	Special Handling Instructions: CONTAINS ZINC CHROMATE
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
	Transporter: TAD TRUCKing
	Address: 506 N. Shipp Hobbs, N.M. Phone: 505-393-1010
	Driver: Gus Garcia Truck No.: 19-80AD Tag No./State: AP 86643 CA
	I hereby certify that the above named material was picked up at the generator site listed below. ILLS Guest 3/2/90 Driver Signature Shipment Date Received at: 10 Antho 2 Autof 11
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
	signed: DEN HECK-
_	Date: 3/37/W
2	CAST GTUE DETWEEN 375,800 AND 375,900 EEV5591,13
1	WILLY CILLY DETWEEN 1551,25 HAVE 1551,100

Generator: Southern Union GAS	Job Name: SOUTHORN UNION GAS
Address: 68405 77	Address: Holl NM
Phone: (409)-962-8888	Phone: (505) 776 -582/
QUANTITY AN	D DESCRIPTION
Proper Shipping Name: CONTAMINATED S	SOIL Quantity: 1/ Units: C y
DOT Hazard Class: A/ONE	
Identification Number: NONG	
Reportable Quantity: Nowc	
Additional Description: PROFILE #	WMA 02757
REP. SAMPLE = 5-CT19	
Container(s): TRAILER	No: / Type END DUMP
Special Handling Instructions: CONT	YNS 71WC CHROMATE
transportation according to applicable RUSSE RUSS Q	ckaged, and is in proper condition for regulations. 3-23-90 mature Shipment Date
Address: 506 N. Shipp Hobbs	N.M. Phone: 505-393-1010
Driver: John Penick Truck N	0.: 204-1204 Tag No./State: PR 19266 NM
I hereby certify that the above named material was picked up at the generator site listed below. January 3-33-95 Driver Signature Shipment Date Received at: Now the Savi Man	I hereby certify that the above named material was delivered without incident to the destination listed below. Briver Signature 3-3-90 Shipment Date
I hereby certify that the above name mobest of my knowledge, the above is true signed: Date: 3-3-40 Enst Grus Between 375 UOTAN GRIS BETWEEN 1557,	Print: Soo And 375-900
LOTAL GREE DELWZER 133/1	25 ALC 1557,100 Z/EV.559/,13

NO: C7-33

Generator: SouTHERN UNION GAS	Job Name: SouTHERON UNION GAS
PO BOX 2000 Address: GRAVES TX.	P.D. SOX 980 Address: HOBBS NM
Phone: (409) 962-8898	Phone: (505) 367396-5821
QUANTITY	AND DESCRIPTION
Proper Shipping Name: Contamunated	Soic Quantity: 2/ Units: CV
DOT Hazard Class: Nowr	
Identification Number: NonE	
Reportable Quantity: NONE	
Additional Description: PROFILE	
REP SAMPLE & S.C	
Container(s): TRAILER	No: Type FWO Dump
Special Handling Instructions:	STAINS ZINC CHROMATE
as defined by 40 CRF Part 260.10 hazardous waste as defined by 40 CRF properly described, classified and transportation according to applicate the second se	or any applicable state law, is not a first 261 or any applicable state law has been packaged, and is in proper condition for ole regulations. Shipment Date
Transporter: TAO TRUCKING	
	65 N.M. Phone: 505-393-1016
Driver: ViRgil Stephens Truck	No.: <u>203-794</u> 0 Tag No./State: <u>PR 1926.7</u>
I hereby certify that the above name material was picked up at the generator site listed below.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature 3-23-96 Shipment Date	Driver Signature 3-23-90 Shipment Date
Received at: No South	ANTARY LANDIN
best of my knowledge, the above is t	material has been accepted and to the rue and correct. Print:
2-22 00	
EAST GRED BELWEEN 375, 800 AN VOITH GRED BELWEEN 1551.25 AM	1557, loo Eles 5591, 13
VOTINGILO DALWEEN 1331123	

	Generator: SONTHERW UNION GAS JOB Name: SOUTHERN UNION GAS
	Address: GRAVES, TV Address: HOBRS, N.M.
	Phone: (409)962-9888 Phone: (505) 796-582/
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: CONTAMINATED SOIC Quantity: 2/ Units: CY
	DOT Hazard Class: NONE
	Identification Number: NOWE
	Reportable Quantity: NONE
	Additional Description: PROFILE # WMA 02757
	PEP SAMPLE = S-CT-1930
	Container(s): TRAILER No: / Type AND DUMAP
	Special Handling Instructions: CONTHING ZINC CHROMATE
•	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Generator Authorized Agent Signature Shipment Date
-	Transporter: TAD TRUCKING
	Address: 506 N ShiDD Hohbs N.M Phone: 505-393-1045
	Driver: Richert Marias Truck No.: 44-8640 Tag No./State: BD 4088CA.
	I hereby certify that the above named material was picked up at the generator site listed below. Driver Signature Shipment Date Driver signature Shipment Date Received at: 10 Autum Aut
)	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Print: Date: 12 3 40 500 1277 977
ZA Mm	TGEN BETWEEN 315.800 AND 377. 950 WIND BETWEEN 1551, X AND 1551-100 5/611. 559613
11/1/11	リングリーフィング アー・カス・イス・スペン・ストン・ストー オート・レー・コー・ファン・スノン・コーン・コー・コー・コー・コー・コー・コー・コー・コー・コー・コー・コー・コー・コー・

No: <u>C7-25</u>

	Generator: SouthERN UNION 6AS Job Name: SouthERN UNION 6AS			
	Address: 6RAUET, TV Address: HORRS, NA			
	Phone: (409) 962 - 9888 Phone: (505) 386-582/			
	QUANTITY AND DESCRIPTION			
	Proper Shipping Name: CONTHAN WATED SOL Quantity: 21 Units: CY			
	DOT Hazard Class: NowF			
	Identification Number: NONF			
	Reportable Quantity: NONE			
	Additional Description: PROFILE # WMA 02757			
	REP. SAMPLE = S-CT-1930			
	Container(s): TRAILER No: Type FWO Dump			
	Special Handling Instructions: CONTAINS ZING CHROMATE			
0				
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Signature Signature Shipment Date			
	Transporter: TAO TRUCKING			
	Address: 506 N Shipp Hobbs N.M Phone: 505-393-1016			
	Driver: Scott Wozwick Truck No.: 25-8440 Tag No./State: AP 86648 CA.			
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.			
	Scot Worsek 3-23-90 Scot Worsk 3/23/92 Driver Signature Shipment Date Driver Signature Shipment Date			
	Received at: NO MANCHO SAN' AM LANCE!			
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.			
	Signed: NEN FULL Print: DENTECT			
	Date: 3-3-90			
24	STETIE BETWEEN 375.800 Ave 375.90 Etel 539/13!			

NO: <u>C7-36</u>

U	Generator: SOUTHERN UNION GAS Po. BOX 2000	Job Name: <u>SOUTHERN UNION 6A</u> P.O. BOX 980	لا
	Address: GRAVES TX	Address: HOBBS NM	
	Phone: (409) 962 - 8889	Phone: (505) 386-582/	
	-	AND DESCRIPTION	
	Proper Shipping Name: CowTAmiWATED	Sole Quantity: d Units: CX	
	DOT Hazard Class: NONE		
	Identification Number: NONE		
	Reportable Quantity: NoNE		
	Additional Description: PROFILE	# WMA 0757 02757	
	REP. SAMPLE = S-CT-1930		
	Container(s): TRAILER	No: Type <u>ENO Do</u>	<u> 114</u> P
	Special Handling Instructions: Coul	THINS ZINC CHROMATE	
		261 or any applicable state law has ackaged, and is in proper condition	beer n for
	Transporter: TAD TRUCKING	A) 00	:
	Address: 506 N. Shipp Hobb	os N.M. Phone: 505-393-	
	Driver: Down's RAINES Truck	No.: 35-82AN Tag No./State: AA 86654	<u>CA</u> .
	I hereby certify that the above named material was picked up at the generator site listed below.	I hereby certify that the above na material was delivered without incident to the destination listed below.	
	Driver Signature 3-23-90 Shipment Date	Driver Signature Shipment Da) te
•	Received at: KID SAVMI) AVIIHI	m LANOTIII	.
•	I hereby certify that the above name best of my knowledge, the above is tr	material has been accepted and to the ue and correct. Print: EN	e
	Date: 3-33-90		
5	AST GRID BETWEEN 375.800 NIT ETLIG BETWEEN 1557,25	0ALC 375.400 CH. 5591.1	13
NO	1411 PHOTOS MEST 122/103	NV-103/100	

	Generator: Southern Union GAS Job Name: SOUTHERN UNION C	2A5
	Address: GRAVES, TX. Address: HORRS, WAA.	_
	Phone: (409) 962-8888 Phone: (505)	
	QUANTITY AND DESCRIPTION	
	Proper Shipping Name: <u>Contaminated Soil</u> Quantity: 2/ Units: CY	
	DOT Hazard Class: NONE	
	Identification Number: NONE	
	Reportable Quantity: Now F	
	Additional Description: PROFILE # WWA 02757	
	REP. SAMPLE = 5-CT-@ 30	
	Container(s): TRAILER No: / Type FNO Du	<u>u</u> p
•	Special Handling Instructions: <u>CONTHINS</u> ZINC CHROMARE	-
		- -
	I hereby certify that the above named material does not contain free lines as defined by 40 CRF Part 260.10 or any applicable state law, is no hazardous waste as defined by 40 CRF 261 or any applicable state law has properly described, classified and packaged, and is in proper condition transportation according to applicable regulations. Signature Shipment Date of the contain free lines are contained in the contained and packaged. The contained is an applicable state law has properly described, classified and packaged, and is in proper condition transportation according to applicable regulations. Signature Shipment Date of the contained in t	ot a been
	Transporter: 1HIV IRUCKING	
	Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-	
	Driver: HARRY Johnston Truck No.: 26-85 AD Tag No./State: AP 86649	CA.
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.	
	Driver Signature Shipment Date Driver Signature Shipment Date	ite
	Received at: Kio HANCAO SANITARY LANGT !!	
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: 120 Fint: FEN HERE	.e
EA	ONTH GRID BETWEEN 1557,25 AND 1557,100 ELEV. 559	1,13

	Generator: Southern Union 6-25 Job	Name: Southern Unantas
	Address: L-Raus TX Addr	ress: Hobbs NA
	Phone: (409) 962 - 5885 Phone	ne: (505) 396-5821
	QUANTITY AND DESC	RIPTION
	Proper Shipping Name: Contam. Soil C	Quantity: 100 Units: 64
	DOT Hazard Class:	
	Identification Number:	
	Reportable Quantity: What NONE	
	Additional Description: PROGIO # WN	14 02757
	Rep. Sample = STT @ 30	
	Container(s): Trailer	io: 1 Type endump
	Special Handling Instructions: Contains	ZINC Chromate
	I hereby certify that the above named mater as defined by 40 CRF Part 260.10 or any hazardous waste as defined by 40 CRF 261 or properly described, classified and packaged transportation according to applicable regularies. Compared to applicable regularies Compared to applicab	applicable state law, is not a any applicable state law has been, and is in proper condition for ations. Buss 3-23-90
	Address: 506 N. Shipp Hobbs A	J.M. Phone: 505-393-1018
		74 AO Tag No./State: AP 86645CA.
	material was picked up at the mater	reby certify that the above named ial was delivered without lent to the destination listed in the signature Shipment Date LANSFILL
	I hereby certify that the above name materia best of my knowledge, the above is true and	1 has been accepted and to the
		int: NEN HECK
	Date: 3-90	n -
EAS	AST Grid BETWEEN 375.800 AND 375.90 THE 1557	100 Elev. 5591.13
I KOT	51/167/16 BETWEEN 1551/25 ANCO 1351	

	Generator: Southern Union tos Job Name: Southern Union (-1)
	Address: 6-Raves TX Address: Hobbs WAS
	Phone: 14091 962 - 8888 Phone: 15051 396 - 5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: Contam. Soil Quantity: #21 Units: CY
	DOT Hazard Class:
	Identification Number: WA NONE
	Reportable Quantity: HA NONE
	Additional Description: PRofile # 02757
	Rep Sample = S-CT-100 30
	Container(s): trailer No: 1 Type enddom p
	Special Handling Instructions: CONTAINS ZINC Chromate
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Generator Authorized Agent Signature Shipment Date
	Transporter: TAO TRUCKING
	Address: 506 N. Shiph Hobs, N.M. Phone: 505-393-1010 Driver: Gus Garcia Truck No.: 17-80A0 Tag No./State: AP 86643 CA
	I hereby certify that the above named material was picked up at the generator site listed below. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Driver Signature Shipment Date Driver Signature Shipment Date
	Received at: KID KANLO SWITAM LANDY!
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: XIV +05-W Print: XIV +05-W
	Signed: The total Print: Sertical
	Date: 3-03-90 MST Grid Between 35.800 AND 375,900 E/201 5591, 13
100	oth and Between 155% 25 And 15 51,100

NO: CT-40

Generator: Southern Union 123	Job Name: Southern Union 125
Address: GARVES TX	Address: Hobbs Um
Phone: (409) 462-8888	Phone: (505) 396-5821
QUANTITY A	IND DESCRIPTION
Proper Shipping Name: Contam. So	J Quantity: 21 Units: CY
DOT Hazard Class: None	
Identification Number: 1/4 No	Nξ
Reportable Quantity: No	
Additional Description: PRO Cile	02757
Rep. Sample = 5-CT-4930	2
	No: / Type and dump
Special Handling Instructions: CON	tans Zinc Chromate
properly described, classified and p transportation according to applicable DUSS	261 or any applicable state law has been cackaged, and is in proper condition for the regulations. 23-90 Shipment Date
Address: 506 N. Shipp Hobbs	N. M. Phone: 505-393-1016
Driver: SAM KISER Truck	No.: 24-81AN Tag No./State: BP 60542 CA.
I hereby certify that the above named material was picked up at the generator site listed below. 3-3-90 Driver Signature Shipment Date Received at: 10 MANNO ANI	I hereby certify that the above named material was delivered without incident to the destination listed below. The Signature Shipment Date TAM LANGE!
I hereby certify that the above name best of my knowledge the above is transitioned:	material has been accepted and to the rue and correct. Print: 180 HECLE
Date: 3-23-90 EAST GREAT BETWEEN 375.	800 AND 375, 900 EEV 5591,17
TOTA CILL BETWEEN KS/10	5 Ave 1557.100 ZEN 55911.

_	
	Generator: DUTTERN CHICK STS Job Name: Southern Union (789
	Address: F.O.Box 2000 GRAVES TX Address: P.O.Box 980 HOBBS N.M
	Phone: (409) 962-8888 Phone: 605) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: (DUTAM (MATE) Soil Quantity: Units: Cur
	DOT Hazard Class: NOVE
	Identification Number: <u>N/A</u>
	Reportable Quantity: N/A
	Additional Description: ROSILE # WMA 02757
	KEP SAMPLE: 5-CT31
	Container(s): TRAICEC No.: Type: END Dump
	Special Handling Instructions: <u>Confair Zinc Cheamate</u>
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
	Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-1010
	T ()
	I hereby certify that the above named material was picked up at the generator site listed above. Truck No.: 204-1209 Tag No./State: PR9200 N./II. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Driver Signature Shipment Date Driver Signature Delivery Date
	Received at: KO PHONO AN AND LANDS!
• •	I hereby certify that the above/name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Print: Date: 100/1007/1007/1007/1007/1007/1007/1007
11	WINTE - GENERATOR CANARY - TRANSPORTER PINK - LANDFILL GOLD - GOVERNMENT
N/M7	MACON DINGSITIES ISONOS/1550. 100

NO: CT-42

	Generator: OUTHERN WION CAS Job Name: DUTHERN WION CAS
	Address: PO, Box 2000 GRAVES TX. Address: PO, Box 980 HOSRS NM.
	Phone: (409) 162-8888 Phone: (505) 376-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: ONTAMINATION SOIL Quantity: J Units: CY.
	DOT Hazard Class: NONE
	Identification Number: N/A
	Reportable Quantity: N/A
	Additional Description: PROFILE # wma 02757
	KED SAMPLE: S-CT 31
	Container(s): TRAILER No.: 1 Type: END LUMP
_	Special Handling Instructions: <u>Contains</u> <u>Zinc Cheomate</u>
	I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain the property described and packaged, and is in proper condition for transportation according to applicable regulations. Contain the property described and packaged, and is in proper condition for transportation according to applicable regulations. Contain the property described and packaged, and is in proper condition for transportation according to applicable regulations. Contain the property described and packaged, and is in proper condition for transportation according to applicable regulations. Contain the property described and packaged and is in proper condition for transportation according to applicable regulations. Contain the property described and packaged and is in proper condition for transportation according to applicable regulations.
	Transporter: TAN TRUCKing
	Address: 506 N. ShiPP Hobbs N.M. Phone: 505-393-1010
	Driver: GUS GARCIA Truck No.: 19-80AD Tag No./State: AP86443CA,
	I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
	Driver Signature Shipment Pate Driver Signature Delivery Date
	Received at: For KAW UKO SAWI (ATY LANGE)
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct
	Signed: Print: TEN TENT
EAST.	Date: 5579.13 6rue Detween 375-650/3750 800
MITTE	WHITE-GENERATOR CANARY-TRANSPORTER PINK-LANDFILL GOLD-GOVERNMENT

NO: CY-43

	Generator: Southern Union CAS Job Name: Southern Union CAS
	Address: HO. Box 2000 Graves IX. Address: PO. Box 980, Hosas M
	Phone: (409) 962 - 8888 Phone: (505) 396 - 5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: DVINAMINATED DOCQuantity: 22 Units: C/
	DOT Hazard Class: Nove
	Identification Number: NA
	Reportable Quantity: 14
	Additional Description: PROJUET WMA 02757
	KED SAMPLE: 5-7 31
	,
	Special Handling Instructions: <u>Contains Zinc Chemate</u>
	has been properly described, classified and packaged, and is in proper condition for transportation
	according to applicable regulations. Lussel Buss 4-13-90 Generator Authorized Agent Signature Signature
	according to applicable regulations. Lussel Buss 4-13-90
	according to applicable regulations. Lussel Buss 4-13-90 Generator Authorized Agent Signature Shipment Date
	according to applicable regulations. LUSSE DUSS Quase Buss 4-13-90 Generator Authorized Agent Signature Shipment Date Transporter: TAD TRUCKing
	according to applicable regulations. Sussel Buss 4-13-90 Generator Authorized Agent Signature Shipment Date Transporter: TAD TRUCKING Address: 506 N Sh.PP Hobbs N.M Phone: 565-393-1010 Driver: FRed SYFReff Truck No.: 43-77AD Tag No./State: BP 40857CA. I hereby certify that the above named material was picked up at the generator site listed above.
7.	according to applicable regulations. Sussel Buss 4-13-90 Generator Authorized Agent Signature Shipment Date Transporter: TAD TRUCKing Address: 506 N. Sh.PP Hobbs N.M Phone: 565-393-1010 Driver: Fred SYFRett Truck No.: 43-77AD Tag No./State: BP 40857CA. I hereby certify that the above named material was I hereby certify that the above named material was
7.	according to applicable regulations. Substitute
7,	according to applicable regulations. Separator Authorized Agent Signature Shipment Date
7.	according to applicable regulations. Separator Authorized Agent Signature Shipment Date
7.	according to applicable regulations. Separator Authorized Agent Signature Shipment Date

NO: CT - 44

Generator: Southern Union CAS Job Name: Southern Union GAS
Address: P.O. Box 2000 GRAVETIX Address: P.O. Box 980, Hossis N.M.
Phone: (409) 962 - 8888 Phone: (505) 396 - 582/
QUANTITY AND DESCRIPTION
Proper Shipping Name: CMTAMINATED Soic Quantity: 22 Units: C4
DOT Hazard Class: NonE
Identification Number: NA
Reportable Quantity: NA
Additional Description: ROPICE # WMA 02757
KEP SAMPLE: 5-CT 31
Container(s): TRAILER No.: 1 Type: END DUMP
Special Handling Instructions: <u>Contains zinc Chromate</u>
· · · · · · · · · · · · · · · · · · ·
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described.
Transporter: TAD TRUKING
Address: 506 N. Sh.AP Hobbs, N.M. Phone: 505-393-10/0
Driver: VIRGIL Stephens Truck No.: 203-79AD Tag No./State: PR19267 N.M.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipprient Date Driver Signature Delivery Dete
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
Signed:
Date: (275.657)

Genera	
Addres	(m) 212 8000 (ms) 211-021
Phone:	(407) 742 - 3000 Phone: (305) 396 3021
	QUANTITY AND DESCRIPTION
Proper	Shipping Name: CONTAM (NATED SOIC Quantity: 23 Units: C
DOT H	zard Class: None
Identific	ation Number: <u>N/A</u>
	ble Quantity: NA
Additio	nal Description: Rofice # wma 02757
KE	Sample: 5-ct 31
Contair	er(s): TRAICER No.: / Type: End
Special	Handling instructions: confoins zinc cheomote
has be	applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state on properly described, classified and packaged, and is in proper condition for transporting to applicable regulations.
has be accord	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. Signature Signature Shipment D
Genera Transpo	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. SSU 555 Or Authorized Agent Signature TAO TRUCKing
Genera Transpo	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. Signature Signature Shipment D
Genera Transpo Address Driver:	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. SSC DUSS QUISING 4-13- or Authorized Agent Signature Shipment D orter: TAD TRUCKING : 506 N Shipp Hobbs N.M. Phone: 505-39. For Smith Truck No.: 202-1202 Tag No./State: Pk 19268 certify that the above named material was pat the generator site listed above.
General Transpo Address Driver: I hereby picked	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. Solution Superior Signature Shipment Description
General Transpo Address Driver: I hereby picked	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. Solution Signature Shipment D
Genera Transpo Address Driver: I herebypicked Priver: Receiver:	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. Solution Signature Shipment D
Genera Transpo Address Driver: I herebypicked Priver: Receiver:	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. Solution Signature Shipment Description
Genera Transpor Address Driver: I hereby picked Driver: Received	en properly described, classified and packaged, and is in proper condition for transporting to applicable regulations. Solution Signature Shipment D

Generator: SUTHERN Chien (45 Job Name: SOUTHERN VAION (748
Address: B. Box 2000, GAANS, TX. Address: B. Box 980 HOBS, MI
Phone: (409) 962 - 8888 Phone: (505) 396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: CONTAMINATED SOIC Quantity: 22 Units: C4
DOT Hazard Class: None
Identification Number: 1/A
Reportable Quantity: NA
Additional Description: The wind 02757
KEP SAMPLE: S-CT 31
Container(s): TRAKER No.: Type: END DUMP
Special Handling Instructions: <u>Conferns</u> <u>zric Cheomate</u>
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Transporter: TAD TRUCKing
Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-1010
Driver: Joly Mitchell Truck No.: 21-74AD Tag No./State: AA86654CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date Driver Signature Date Received at: 12 D Driver Signature Date
Theselves and the second and the sec
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Date:
WHITE - GENERATOR CANARY - TRANSPORTER PINK - LANDFILL GOLD - GOVERNMENT

71174250

NONHAZARDOUS SPECIAL WASTE MANIFEST

NO: <u>CT-47</u>

Generator: Sattern Union GAS Job Name: Sattern Chron GAS
Address: PO BOX2000 GRAVES IX. Address: PO BOX 980 HOSBS N.I. Phone: 409 96-8888 Phone: (505) 396-5821
Phone: (409) 96-8888 Phone: (305) 396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: County Areo Soic Quantity: 22 Units: Cy DOT Hazard Class: Move
DOT Hazard Class: Nove
Identification Number: VA
Reportable Quantity: <u>N/A</u>
Reportable Quantity: NA Additional Description: $Resident A = S - CT 3$
Container(s): TRAILER No.: / Type: End Dump
Special Handling Instructions: <u>Confins</u> <u>Zinc</u> <u>ahRomôfe</u>
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Transporter: TAD TRUCKing
Address: 506 N. ShiPA Hobbs N.M. Phone: 505-393-1010
Driver: DAUID MEYERS Truck No.: 42-78AD Tag No./State: BP40856CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date Driver Signature Delivery Date
Received at: KIDHANDAO DAM AND LANDTILL
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
Signed: Print: PV/1000
Date:
SIND DETWEND SIND IS IN 15 15000 GOVERNMENT
WHITE - GENERATOR CANARY TRANSPORTER PINK-LANDFILL GOLD - GOVERNMENT

NO: <u>CT-48</u>

Generator: Justern (non Cas Job Name: Southern (Nion CAS
Address: PO, BOX 2000 GLAVES, TX. Address: PO, BOX 980, Horgs N.M.
Phone: $(409)962-8888$ Phone: $(505)396-582/$
QUANTITY AND DESCRIPTION
Proper Shipping Name: SAMINARD SOLL Quantity: Units: CY
DOT Hazard Class: None
Identification Number:
Reportable Quantity: N/A
Additional Description: PROFICE # WMA 02757
KEP SAMPLE = S-CT 31
Container(s): TRAILER No.: 1 Type: END Dunp
Special Handling Instructions: <u>Contains</u> <u>Zinc cheomate</u>
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Signature Contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been properly described. Contain free liquid as defined by 40 CRF 261 or any applicable state law has been proper
Transporter: TAD TRUCKing
Address: 506 N. ShiPA Hobbs N.M. Phone: 505-393-1010
Driver: Joe DoLAN Truck No.: 24-81AD Tag No./State: BP46858CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date Driver Signature Delivery Date
Received at: AND AND AND LANDER
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
Signed: Print: PEN HERE
Date: 2 4-15-70 , - 5/6/10-10-13

NO: <u>CT-49</u>

Address: P.C	1012-0	TOPTO	7	(Enc)	791	- 5001
Phone: (40)) 962 ×	888	Pho	ne: <u>(505</u>	3/6	-5821'
		QUANTITY A				
Proper Shippin	g Name:	STAMINATE	2) Soic	_ Quantity: _	<u>20</u>	Units: CY
DOT Hazard C	ass: NOU	<u> </u>	p et			·
Identification N	umber: N	<u> </u>				
Reportable Qua						
_	•	OFICE #				
RED. SAI	NOLE =	SCT 31				
Container(s):	tración			No.:		Type: SUD
or any applicat	le state law, is reerly described	named material de not a hazardous v , classified and ations.	waste as define packaged, an	ed by 40 CRF 26 d is in proper	1 or any a condition	pplicable state la
or any applications been propacted by the second of the se	le state law, is neerly described oplicable regula orized Agent	not a hazardous v , dassified and itions.	waste as define packaged, an	ed by 40 CRF 26	1 or any a condition	pplicable state la
or any applications been propacted by the second of the se	le state law, is perly described oplicable regula DUS orized Agent	not a hazardous v , classified and itions.	waste as define packaged, and waste as defined as defin	ed by 40 CRF 26 d is in proper el Bus	1 or any a condition	pplicable state la for transportation
or any applications been propacted by the second of the se	le state law, is needy described oplicable regula DUS orized Agent TAO TRUCK	not a hazardous v , classified and itions. S ing	vaste as define packaged, an Signature	ed by 40 CRF 26 d is in proper el Bus	1 or any a condition	pplicable state la for transportation H-13-90 Shipment Date 505-393-10
or any applicate has been propacted by according to a Generator Authors. Address:	le state law, is in perly described oplicable regular orized Agent TAO TRUCK N. Shill the Woznik	not a hazardous v , classified and itions. Sing PA Hobbs N CK Truck I	vaste as define packaged, and Signature	ed by 40 CRF 26 d is in proper el Bus	1 or any a condition 2 Phone No./State:	pplicable state la for transportation H-13-90 Shipment Date 505-393-10
or any applications been propacted by according to a Generator Authorized Transporter: Address:	le state law, is reduced by described by the policable regulation or regulation of the policable regulation of the	not a hazardous violassified and ations. Sing PA Hobbs Note Truck I named material violassified and attributes the second seco	vaste as define packaged, and Signature No.: 25-84 Was I here	AD Tag	1 or any a condition 2 Phone No./State:	pplicable state la for transportation
or any applications been propacted by the second of the se	le state law, is regularly described oplicable regular orized Agent TAO TRUCK A N. Shirt Woznik that the above a generator site	not a hazardous vi, classified and ations. Sing PA Hobbs N CK Truck I named material vielisted above.	waste as define packaged, and Signature No.: 25-84 was I here delive below	AD Tag eby certify that the ered without incin.	1 or any a condition 2 Phone No./State:	pplicable state la for transportation $\frac{4-13-90}{\text{Shipment Date}}$ Shipment Date APSGLYR CA amed material was a destination liste
or any applications been propacted by according to a second secon	le state law, is regularly described oplicable regular orized Agent TAO TRUCK A N. Shirt Woznik that the above a generator site	not a hazardous violassified and ations. Sing PA Hobbs Note Truck I named material violassified and attributes the second seco	waste as define packaged, and Signature No.: 25-84 was I here delive below	AD Tag	1 or any a condition 2 Phone No./State:	pplicable state la for transportation H-13-90 Shipment Date 505-393-10 AP86448 CA
or any applicate has been propacted as been propacted and the second according to a seco	le state law, is reduced by described oplicable regular orized Agent TAO TRUCK NO Shift Woznik that the above e generator site	not a hazardous vi, classified and ations. Sing PA Hobbs N CK Truck I named material vielisted above.	vaste as define packaged, and Signature No.: 25-84 was I hero delive below	AA Tag eby certify that the ered without incident the control of	Phone No./State: dent to the	pplicable state la for transportation $\frac{4-13-90}{\text{Shipment Date}}$ Shipment Date APS6448 CA amed material was destination liste Delivery Date
or any applicate has been propacted as been propacted and the second according to a seco	that the above	not a hazardous vi, classified and ations. Ing A Hobbs N Truck I named material vicinities above. Shipment Date	vaste as define packaged, and Signature No.: 25-84 was I hero delive below	AA Tag eby certify that the ered without incident the control of	Phone No./State: dent to the	pplicable state la for transportation $\frac{4-13-90}{\text{Shipment Date}}$ Shipment Date APS648 CA amed material was destination listed $\frac{1399}{\text{Delivery Date}}$

NO: <u>CT-50</u>

Generator: Southern Union CAS Job Name: Southern Union CAS
Address: P.O. Box 2000, Graves, TX Address: PO. Box 980 Hoves, N.M.
Phone: (409) 962-8888 Phone: (505) 376-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: SUMMY INDIED Soic Quantity: Quanti
DOT Hazard Class: NOVE
Identification Number: $\frac{N/A}{i}$
Reportable Quantity:
Additional Description: Rofice # WMA 02757
REP SAMAE: S-CT31
Container(s): TRALER / No.: / Type: END Dump.
Special Handling Instructions: Courains Zinc Charmer
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing to applicable regulations. Contain the containing the con
Transporter: TAD TRUCKing
Address: 506 N. ShiPD Hobbs N.M Phone: 505-393-1010
Driver: BILL BROWN Truck No.: 28-73AA Tag No./State: BP 85316 CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Driver Signature Delivery Pate
Received at: AN RONG ANTIARY SALES !!
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true/and correct
Signed: The Print: Print: SELI CONTROLL
Date: 747370 - 120 85 19.13 -

Generator: DUTTERU / WING (TS Job Name: SOUTHERN UNIGN GAS
Address: FB. ROX 2000, GRAVES TK. Address: P.O. BOX 980, HOSSS, NM.
Phone: (409) 1/2-8888 Phone: (55) 396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: CHAMINATED SOIC Quantity: 20 Units: CY
DOT Hazard Class: Nort
Identification Number: 1/14
Reportable Quantity: NA
Additional Description: PROFICE # WMA 02757
KED SAMPLE: S-CT31
Container(s): TRAICE 1 No.: 1 Type: END DUMP
Special Handling Instructions: Contrain Zinc Chromate
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Contain the short part of the proper condition for transportation according to applicable regulations. Contain the short part of the proper condition for transportation according to applicable regulations. Contain the short part of the proper condition for transportation according to applicable regulations. Contain the short part of the proper condition for transportation according to applicable regulations. Contain the short part of the proper condition for transportation according to applicable regulations. Contain the short part of the proper condition for transportation according to applicable regulations. Contain the proper condition for transportation according to applicable regulations. Contain the proper condition for transportation according to applicable regulations. Contain the proper condition for transportation according to applicable regulations. Contain the proper condition for transportation according to applicable regulations. Contain the proper condition for transportation according to applicable regulations.
Transporter: TAD TRUCKing
Address: 506 N. ShiPA Hobbs, N.M. Phone: 505-393-1010
Driver: Denvis RAines Truck No.: 35-82AD Tag No./State: AP 86654 CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Daying Against 14-13-97
Driver Signature Delivery Sate
Received at: Kib KANNO SAN AND AND THE
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
Signed: 1917 1900 Print: 1900 13
Date: 17 1857110411375,500 375.650
WHITE - GENERATOR CANARY - TRANSPORTER PINK-LANDFILL GOLD - GOVERNMENT

Generator: Sattern Chan GAS Job Name: Sattern Chan CAS
Address: M. Box 2000 Graves, Tex., Address: M.O. Box 980 Hosss N.M.
Phone: (409) 962 - 8888 Phone: (505) 396 - 582 1
QUANTITY AND DESCRIPTION
Proper Shipping Name: DATAMINATED ON Quantity:
DOT Hazard Class: NOVE
Identification Number: N/A
Reportable Quantity: NA
Additional Description: POFICE # STEEL WMA 02757
FER SAMPLE: WITH OCTS 9 S-CT31
Container(s): TRAICER / No.: Type: Exp Lemp
Special Handling Instructions: Conmins Zinc Chromate
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Transporter: TAD TRUCKing
Address: 506 N. ShiPA Hobbs N.M. Phone: 505-393-1010
Driver: HARRY Johnston Truck No.: 26-85AD Tag No./State: AP86649 CA
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Hung A Johnshif 4-13-90 Harry Harralish 4-13-90
Driver Signature Shipment Date Driver Signature Delivery Date
Received at: (Kill 1) PARCAD SALIJESTILL SALIJESTILL
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
Jan 11 alk
9 6 1500 13
Date: 9 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
AU 45 TWZEN 375.500/375.650

Address: FO BOX 1000 6 AVES IX, Address: PO BOX 980 HOUSS Phone: (401) 182 - 8888 Phone: (505) 376 - 5821 QUANTITY AND DESCRIPTION Proper Shipping Name: Soc Quantity: Quantity: Quantity: Quantity: Quantity: Phone: Quantity: Quantity: Quantity: Quantity: Quantity: Quantity: Quantity: Quantity: Additional Description: MATIE HOMA 02757 Reportable Quantity: NH Additional Description: MATIE HOMA 02757 Reportable Quantity: No:	Generator: Southern Union (As	Samuel Co
Phone: 401 7R2 - 8888 Phone: 505 396 - 5821 QUANTITY AND DESCRIPTION Company warts Ouantity: Quantity:		Job Name: DATION Chica (749)
Proper Shipping Name: CAMATH WATE SIZE Quantity: QUANTITY AND DESCRIPTION COMATH WATE SIZE QUANTITY: QUAN	7	
Proper Shipping Name: Committee Signature DOT Hazard Class: Note Identification Number: NA Reportable Quantity: NA Additional Description: Note of the state law is pecial to according to applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. No:	Phone: (409) 42-8888	Phone: (505) 396-5821
Proper Shipping Name: Commission Quantity: Qua		
Identification Number: Identification Number: NA	QUANTITY AND	DESCRIPTION
Identification Number: Identification Number: NA	Proper Shipping Name:	Soic Quantity: QO Units: CY
Reportable Quantity: Additional Description: **Proceedings of the property described, classified and packaged, and is in proper condition for transportation according to applicable equalitions. **Truck No.: **Indicate the property described, classified and packaged, and is in proper condition for transportation according to applicable equalitions. **Transporter: **IAU TRUCKING** Address: **SOG N. Shiff Holds N.M. Phone: **SOS-93-40** Driver: **Robert Signature Truck No.: **I4-8GAA Tag No./State: **BP 408-86** I hereby certify that the above named material was picked up at the generator site listed above. **Print: **Truck No.** **Indicate the work of the period of the pest of my knowledge, the above is true, and correct.** **Signed: **Print: **Truck No.** **Print: **Truck No.**	DOT Hazard Class: NOVE	(
Additional Description: Marie # WMA 02757 Rep Sample: S-C732 Container(s): #RATER / No.: / Type: Sub I Special Handling Instructions: Commus Zinc Checomere I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF Part 260.10 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. HUSL BUSS Signature Generator Authorized Agent Transporter: TAD TRUCKING Address: Sole N. Shiff Holds N.M. Phone: S05-393-40 Driver: Robert Soft Truck No.: 44-86AD Tag No./State: RP 408580 I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Siphment Date Thereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Priver Signature Priver Signature Print: Full Ed.	Identification Number: NA	
Additional Description: REF Sample : 5-cf32 No.: Type: Sub	·	
Container(s): #CATLER No.: Type: Sub I Special Handling Instructions: Continue Zinc Checometre I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. ### Honor Signature Shipment Date Transporter: TAD TRUCKING Address: SOG N. ShiPP Holds N.M. Phone: SOS-393-10 Driver: Robert Soft Truck No.: 44-86AD Tag No./State: BP 408580 I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Shipment Date Driver Signature Delivery Date Received at: ###################################		102757
Special Handling Instructions: Contrains Zinc Checometre I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 250.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Husel Buss	2	
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. LUSC BUSS BUSS BUSS 4-13-90 Generator Authorized Agent Signature Shipment Date Transporter: TAD TRUCKING Address: SOG N. ShiPP Holds N.M. Phone: 505-393-40 Driver: Robert Soft Truck No.: 44-86AA Tag No./State: BP 408-80 I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Shipment Date Priver Signature Delivery Date Received at: 11 ANN DAN ANN ANN ANN ANN ANN ANN ANN ANN		
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.16 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Washington		
or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.	Special Haribing Instructions.	THE CHARLES THE
Address: 506 N. Shipp Hobbs N.M. Driver: Robert Scott Truck No.: 44-86AD Tag No./State: BP 408586 I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date Driver Signature Delivery Date Received at: 110 PANNO SAN I AND LAND LAND LAND LAND LAND LAND LAND		ature Shipment Date
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Received at: I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print:		M 506-392-161
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Shipment Date Driver Signature Delivery Date Received at: I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Print: Print: Print:	$\mathcal{D}_{\mathcal{A}}$	
picked up at the generator site listed above. delivered without incident to the destination listed below. Driver Signature Shipment Date Driver Signature Delivery Date Received at: I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true, and correct. Signed: Print: Print: Print:		-
Driver Signature Shipment Date Driver Signature Driver Signature Delivery Date Received at: ## Driver Signature Delivery Date And Driver Signature Delivery Date And Driver Signature Delivery Date Print: Enter Enter Signature Print: Enter Enter Signature Print: Enter Enter Signature Driver Signature Delivery Date Driver Signature Delivery Date Print: Enter Signature Delivery Date Driver Signature Delivery Date Print: Enter Signature Pri		delivered without incident to the destination listed
Received at: #ID PANONO SAN i ANJ LANGE III I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true, and correct. Signed: Print: EN	1 1 t 1 H 11.12-90	below.
I hereby certify that the above hame material has been accepted and to the best of my knowledge, the above is true, and correct. Signed: Print: Print: Print: Print:	Driver Signature Shipment Date	Driver Signature Delivery Date
above is true, and correct. Signed: Print: FINTER 13.13	Received at: Kin Havoho A	No Any LANCO 11/
1,6-13-10 , 5/8/15-079.13	I hereby certify that the above hame material has been above is true, and correct.	an accepted and to the best of my knowledge, the
Date: 4-13-GD 2125579.13 STOUB DIWELN 375-500/375659 The Mith General OF CHILD STORTER PINK-LANDFILL GOLD-GOVERNMENT	Signed: DEN FOR	Print: DENTECT
TOUBLE SIS SOUTH SISTER PINK-LANDFILL GOLD-GOVERNMENT	Date:	12/2/5579.13
The MINITE GENERATOR CHILARY - TRANSPORTER PINK LANDFILL GOLD - GOVERNMENT	TarabJusen 3/5.500	13/3/200
7/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	MAITE GENERATOR CAMARY TRANSPORTER	

Generator DUTHERN (NOW (745)	Job Name: DUTHOW Chow (785
Address: 10 Box 2000 GARS, W	Address: POL BOR 980, HOUSES, N.M.
Phone: (409) 962 - 8888	Phone: (505) 396-182/
QUANTITY AND L	
Proper Shipping Name: WITHMINATO D	OV Quantity: 10 Units: Cy
DOT Hazard Class: MENE	(
Identification Number: $\frac{N/A}{}$	
Reportable Quantity: N/A	
Additional Description: Persite H WMA C	2757
V50 Sangar: 5 0733	
Container(s): TRALER 1	No.: 1 Type: End Dryp
Special Handling Instructions: CONTAINS Z	IAK CHROMUSE
i hereby certify that the above named material does not cor any applicable state law, is not a hazardous waste as has been properly described, classified and package according to applicable regulations. Generator Authorized Agent Signature	defined by 40 CRF 261 or any applicable state law d, and is in proper condition for transportation 4-16-90
Transporter: TAO TRUCKing	·
Address: 506 N. Shipp Hobbs N.M.	Phone: <u>505-393-/6/</u> 0
Driver: John Penick Truck No.: 20	04-1204 Tag No./State: PR 19266 N.M.
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Offiver Signature Shipment Date	Driver Signature Delivery Date
Received at: Kor KANDO ANI)	ATM X ANCE !!
I hereby certify that the above name material has been above is true and correct.	accepted and to the best of my knowledge, the
Signed: /)EN FELL	Print: JEN TTECK
Date:	1375.680
	, , , , , , , , , , , , , , , , , , ,

Generator: OTHERN MON (185	Job Name: Santorn Union G
Address: Po. Box 2000, GRANES TX.	Address: P.O. Box 980 Hus
Phone: (409) -962-8888	Phone: (505) 396-5826
//	DESCRIPTION
Proper Shipping Name: ENTAM INATED	Dai Quantity: 2 Units:
DOT Hazard Class: NONE	/
Identification Number: WA	
Reportable Quantity: N/A	
Additional Description: Profit # wn	1A 02757
KED DAMPLE: 5-CT 32	
Container(s): TRAILER -/	No.: Type: Sub
Special Handling Instructions: CONTAINS	ZINC CHROMATE
or any applicable state law, is not a hazardous waste has been properly described, classified and pack	as defined by 40 CRF 261 or any applicable state
or any applicable state law, is not a hazardous waste has been properly described, classified and pack according to applicable regulations. Generator Authorized Agent Sign	as defined by 40 CRF 261 or any applicable state
or any applicable state law, is not a hazardous wastern has been properly described, classified and pack according to applicable regulations. WEST DUEST	e as defined by 40 CRF 261 or any applicable state aged, and is in proper condition for transportal aged. Shipment Date
Generator Authorized Agent Sign Transporter: TAD TRUCKING Address: 500 N. Shipp Hobbs N. M.	e as defined by 40 CRF 261 or any applicable state aged, and is in proper condition for transportal aged. Shipment Date
or any applicable state law, is not a hazardous wasternament has been properly described, classified and pack according to applicable regulations. WEST DEST SIGNATION SIGNATURE SIGNATUR	e as defined by 40 CRF 261 or any applicable state aged, and is in proper condition for transportal aged. Shipment Date
or any applicable state law, is not a hazardous wastern has been properly described, classified and pack according to applicable regulations. WEST DESCRIPTION SIGNATURE Shipment Date	Phone: 505-393- I hereby certify that the above named material delivered without incident to the destination list below. Driver Signature Paged, and is in proper condition for transportation for trans
or any applicable state law, is not a hazardous wasternas been properly described, classified and pack according to applicable regulations. WEST DESCRIPTION SIGNATURE Generator Authorized Agent Signature Transporter: TAD TRUCKING Address: SOC N. Shipp Hobbs N. M. Driver: Gus Gakcia Truck No.: I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Shipment Date	Phone: 505-393- I hereby certify that the above named material delivered without incident to the destination list below. Driver Signature Paged, and is in proper condition for transportation for trans
or any applicable state law, is not a hazardous wastern has been properly described, classified and pack according to applicable regulations. WEST DESCRIPTION OF SIGNATURE Shipment Date Received at: I hereby certify that the above named material was picked up at the generator site listed above. Priver Signature Shipment Date Ship	as defined by 40 CRF 261 or any applicable state aged, and is in proper condition for transportary and is in proper condition for transportary and is in proper condition for transportary and in proper condition for transportary aged. 4-/6-90 Shipment Date: Phone: 505-393- Phone: 505-393- I hereby certify that the above named material delivered without incident to the destination list below. Driver Signature Delivery Date: Applicable state and applicable state a
or any applicable state law, is not a hazardous wasternas been properly described, classified and pack according to applicable regulations. WEST DESS Generator Authorized Agent Sign Transporter: TAD TRUCKING Address: SOL N. Sh.PP Hohlo N. M. Driver: Gus García Truck No.: I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Shipment Date Received at: 10 AMM Shipment Date I hereby certify that the above name material has be above is true and correct.	as defined by 40 CRF 261 or any applicable state aged, and is in proper condition for transportary and is in proper condition for transportary and is in proper condition for transportary and in proper condition for transportary aged. 4-/6-90 Shipment Date: Phone: 505-393- Phone: 505-393- I hereby certify that the above named material delivered without incident to the destination list below. Driver Signature Delivery Date: Applicable state and applicable state a
or any applicable state law, is not a hazardous wasternasted been properly described, classified and pack according to applicable regulations. WEST DESS Generator Authorized Agent Transporter: TAD TRUCKING Address: SOC N. Shipp Hobbs N. M. Driver: Gus Garcia Truck No.: I hereby certify that the above named material was picked up at the generator site listed above. Priver Signature Shipment Date Received at: To Humb Salvia I hereby certify that the above name material has be above is true and correct. Signed: Signed:	as defined by 40 CRF 261 or any applicable state aged, and is in proper condition for transportary and it is a substitution of the destination of t
or any applicable state law, is not a hazardous wasternass been properly described, classified and pack according to applicable regulations. WEST DESCRIPTION OF SIGNATURE Shipment Date Received at: I hereby certify that the above name material was picked up at the generator site listed above. I hereby certify that the above name material has be above is true and correct. Signed: Date:	Phone: 505-393- I hereby certify that the above named material delivered without incident to the destination list below. Print: Print: Paged, and is in proper condition for transportal and applicable state and app

NO: CT-56

≤ 100
Generator: John Will (78) Job Name:
Address: PO, BOX 2000, GRAVES TX, Address: B. BOX 980, HOBBS, N.M.
Phone: (409) 962-8888 Phone: (505) 396-5821
QUANTITY AND DESCRIPTION ET CONTAMINATED
Proper Shipping Name: Sic Quantity: J Units: Cy
DOT Hazard Class:
Identification Number: NA
Reportable Quantity: NA
Additional Description: PROFICE # WMA 02757
REP. SAMPLE: 5-CT 32
Container(s): +NAICOL / No.: Type: Eup Dmp.
Special Handling Instructions: CONTAINS ZINC CHRONATE
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation accorpling to applicable regulations. Contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation accorpling to applicable regulations.
Generator Authorized Agent Signature Shipment Date
Transporter: TAD TRUCKING
Address: 506 N. Shiff Hobbs N.M Phone:
Driver: FRed SYFREHT Truck No.: 143-77AD Tag No./State: BP40857CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Fred Supert 4-16-90 Fred Supert 4-16-90
Driver Signature Delivery Date Driver Signature Delivery Date
Received at: K.D DWCho Av. Any Avati
I hereby certify that the above name material has been accepted and to the best of my knowledge, the
Signed: NEW SELL Print: YEN HECK
Signed: Print: 100 (Constitution of the Signed) Print: 100 (Constitution of the Signed
Date: 2 2 16 10

NO: CT-57

Generator:	WHERN ()NIO	W GAS	Job Name:	WHERE	Ulion(s)
Address: Poll	30x 2000 Gra	nes Tx	Address: A	130×98	0 10335
Phone: 409	962-8888		Phone: 5	5) 376	(-5821
	QUANTI	•	ESCRIPTION		
Proper Shipping	Name: ONTHMA	aree So	Quanti	r. 21	_ Units: <u>4</u>
DOT Hazard Clas					
Identification Num	411.4				
Reportable Quan	41/2				
•	ption: PROMICE	# WMH	1 02151		
\mathcal{O}	PLE :S-CT-				
	/ "		No.: _	/	Time: SAD (
Container(s):	Instructions:			<u></u>	Type: SUD [
or any applicable has been proper	at the above named mate state law, is not a hazard by described, classified licable regulations.	dous waste as	defined by 40 Cl	RF 261 or any	applicable state la
or any applicable has been proper according to app	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent	dous waste as	defined by 40 Ci d, and is in pr	RF 261 or any	
or any applicable has been proper according to app Generator Author Transporter: 7	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING	dous waste as and packaged	defined by 40 Ci d, and is in pr SSEL B re	RF 261 or any oper condition	applicable state land for transportation for transportation
or any applicable has been propel according to app Generator Author Transporter:	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. Ap Ho	dous waste as and packaged Signatu	defined by 40 Ci d, and is in pr SSE B re	PF 261 or any oper condition	applicable state land for transportation for transportation 4-/6-90 Shipment Date ae: _505-393-/6
or any applicable has been proper according to app Generator Author Transporter:	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. Ap Ho	dous waste as and packaged Signatu blo N. M ruck No.: 20 terial was	defined by 40 Cid, and is in property of the p	Phon Tag No./Stat	applicable state la
or any applicable has been proper according to app Generator Author Transporter:	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. P.D. Ho m.th	dous waste as and packaged Signatu blo N. M ruck No.: 20 terial was	defined by 40 Cld, and is in property of the p	Phon Tag No./Stat	applicable state land for transportation for transportation 4-/6-90 Shipment Date ae:505-393-/6 e: PR 19 268 N. named material wa
or any applicable has been proper according to app Generator Author Transporter:	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. P.D. Ho m.th	dous waste as and packaged Signatures No.: 20 terial was ye.	defined by 40 Cid, and is in property of the p	Phon Tag No./Stat hat the above at incident to the	applicable state land for transportation of tran
or any applicable has been proper according to application application of the second s	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. AD Ho m.th The above named mat generator site listed above	dous waste as and packaged Signatures No.: 20 terial was ye.	defined by 40 Cld, and is in property of the p	Phon Tag No./Stat hat the above at incident to the	applicable state land for transportation of tran
or any applicable has been proper according to application according to application of the following states of the following s	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. AD Ho m.th The at the above named mat generator site listed above Shipment At the above name material states above.	dous waste as and packaged Signatu Signatu Signatu Lobe No.: 20 terial was terial was terial was terial was terial was	defined by 40 Cld, and is in property of the p	Phon Tag No./State that the above at incident to the	applicable state land for transportation of tran
or any applicable has been proper according to app Generator Author Transporter: Address: 500 Driver: For S I hereby certify the picked up at	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. AD Ho m.th The at the above named mat generator site listed above Shipment At the above name material states above.	dous waste as and packaged Signatu Signatu Signatu Lobe No.: 20 terial was terial was terial was terial was terial was	defined by 40 Cld, and is in property of the p	Phon Tag No./State that the above at incident to the	applicable state land for transportation of tran
or any applicable has been proper according to app Generator Author Transporter: Address: 500 Driver: Foy S I hereby certify the picked up at the picked up at the priver signature Received at: I hereby certify the picked up at the picked up a	state law, is not a hazardly described, classified licable regulations. DUSS ized Agent AD TRUCKING W. Sh. AD Ho m.th The at the above named mat generator site listed above Shipment At the above name material states above.	dous waste as and packaged Signatu Signatu Signatu Lobe No.: 20 terial was terial was terial was terial was terial was	defined by 40 Cld, and is in property of the p	Phon Tag No./State that the above at incident to the	applicable state land for transportation of tran

NO: CT 58

	Generator: Sathern Union (385 Job Name: SOUTHERN Union GAR
. •	Address: PO. Box 2000 GRAVES TX Address: PO, BOX 980 HOBBS, N.M.
	Phone: (409) 962-8888 Phone: (505) 396-5821
	QUANTITY AND DESCRIPTION
	Proper Shipping Name: COTTAMINATED DIC Quantity: 20 Units: C4
	DOT Hazard Class:
	Identification Number: M/A
	Reportable Quantity: MA
	Additional Description: PROFICE # WMA 02757
	KEP SAMPLE :SCT32
	Container(s): TRACER / No.: No.: Type: End Demp
	Special Handling Instructions: Courains Zinc CHROMHTE
:	or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Compared to the condition of transportation of transportation according to applicable regulations. Compared to the condition of transportation of transportati
	Transporter: TAO TRUCKing
	Address: 500 N. Shipp Hobbs N.M. Phone: 565-393-1016
	Driver: ViRGIL Stephows Truck No.: 203-79AD Tag No./State: PR 19267 N.M.
!	I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
I	Diver Signature Shipment Date Driver Signature Delivery Date
T.	Received at: #19 #ANCAD DANI AND LANGE!
	I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: Print: Print: FE 12 5 3 79 13
ENST	Date: COLO POSTUSEN 375 - 500/375-650 COLO DATUEN SST. ST. ST. ST. ST. ST. ST. ST. ST. ST

NO: <u>C759</u>

\leq $(1 \cdot (1 $
Generator: DOTHERN CHIN AS JOB Name: Southern Orum GAS
Address: Pabox 2000 Graves, TK Address: 16 Box 980, Hobbs, NM
Phone: (409) 962-8888 Phone: (505) 396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: CONTAMINATED SIC Quantity: 21 Units: CY
DOT Hazard Class: Note
identification Number: MA
Reportable Quantity: \sqrt{A}
Additional Description: PROFICE # WMA 02757
REP SAMPLE: 5-CT 32
Container(s): TRAILER / No.: / Type: End Dump
Container(s): TRAILER / No.: / Type: END Dump Special Handling Instructions: CONTAINS ZINC CHROMATE
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Transporter: TAD TRUCKING
Address: 500 N. ShiPA Hobbs N. M. Phone: 505-393-1016
Driver: ALLEN Hicks Truck No.: 24-8/AD Tag No./State: RP46858CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Oriver Signature Skipment Date Driver Signature Driver Signature Delivery Date
Received at: Kill The Control And NANOTO
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correcty
Signed: Suffer Print: Teuffer
Date: 4-16-90 12/EU 557.9.63

	S 3 1 2 1 1 1 1 1	
Generator: OTION ONWOODS	Job Name: DUTHERN UNION !	7
Address: P.O. Box 2000 GRAUS, Tx.	Address: P.O. Box 980, Hosses	<u>S_</u> _}
Phone: (409) 962 - 8888	Phone: (505) 396-5821	
QUANTITY AND	DESCRIPTION	
Proper Shipping Name DUTAMWATED	Quantity: 20 Units: Cy	_
DOT Hazard Class: NOVE		<u> </u>
Identification Number: NA		
Reportable Quantity: NA	·	
Additional Description: PROFILE # WMA	102757	
REP Sample - S-CT32		
	No: 1 Type: Eu D	1
Container(s): TRAILER Special Handling Instructions: Contains	7 The Cura and To	
Special Handling Instructions:	ZINC CHIROMITTE	
according to applicable regulations.	ed, and is in proper condition for transporta	
according to applicable regulations. 1950 DUSS Generator Authorized Agent Signal	issel Buss 4-16.9	
according to applicable regulations. NUSSL DUSS Generator Authorized Agent Signal Transporter: TAD TRUCKING	ussel Buss 4-16-9 ture Shipment Di	
according to applicable regulations. 1960 1965 Generator Authorized Agent Signal	ussel Buss 4-16-9 ture Shipment Di	ation 70 ate
according to applicable regulations. **DUSSL*** DUSS Generator Authorized Agent Signal Transporter: **TAN TRUCKING**	<u>Ssel Buss</u> 4-16.9 Shipment Da	ation 70 ate
according to applicable regulations. Signal Signal	ture Shipment Di Phone: 505-393 35-82A0 Tag No./State: AP-8665 I hereby certify that the above named material	ation 70 ate
according to applicable regulations. KUSSL DUSS Generator Authorized Agent Signal Transporter: TAD TRUCKING Address: 506 N. Shipp Hobbs N.M Driver: DRNNIS RAINES Truck No.:	14-16.9 Shipment Display="1" Shipment D	ation 70 ate
according to applicable regulations. NUSS	Shipment Date: 4-16.9 Shipment Date: 505-393 35-82AD Tag No./State: AP-8665 I hereby certify that the above named material delivered without incident to the destination libelow. Lam Round 4-16.9	70 ate
according to applicable regulations. NUSS	ture Shipment Di Shipment Di Phone: 505-393 35-82A0 Tag No./State: AP-8665 I hereby certify that the above named material delivered without incident to the destination li	70 ate
according to applicable regulations. 1956 1955 Signal	Shipment Date: 4-16.9 Shipment Date: 505-393 35-82AD Tag No./State: AP-8665 I hereby certify that the above named material delivered without incident to the destination libelow. Lam Roum 4-16.9	70 ate
according to applicable regulations. Signal Signal Signal	Thereby certify that the above named material delivered without incident to the destination libelow. Delivery Date April 1997 Delivery Date April	ation 70 ate 70/4 Cr was isted
according to applicable regulations. Signal Signal	Thereby certify that the above named material delivered without incident to the destination libelow. Driver Signature And	ation 70 ate 70/4 Cr was isted
according to applicable regulations. Signal Signal Signal	Thereby certify that the above named material delivered without incident to the destination libelow. Delivery Date April 1997 Delivery Date April	ate i /o// was isted
according to applicable regulations. Signal	Thereby certify that the above named material delivered without incident to the destination libelow. Driver Signature And	ation 70 ate

NONHAZARDOUS SPECIAL WASTE MANIFEST

NO: <u>CT 6 /</u> TP#2544

Generators SUTHERN UNION GAS JOB Name: SOUTHERN UNION GAS.
Address: P.O. Box 2000, GRAVES, TX Address: P.O. Box 980, Horses NM
Phone: $(409)962-8888$ Phone: $(505)396-5821$
QUANTITY AND DESCRIPTION
Proper Shipping Name: CONTAMINATED SOIL Quantity: 20 Units: Cy.
DOT Hazard Class: NONE
Identification Number: NA
Reportable Quantity: NA
Additional Description: Profice # WMA 02757
REP SAMPLE: 5-CT32
Container(s): TRAILER -/ No.: / Type: East Damp
Special Handling Instructions: CONTAINS ZINC CHROMATE
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. West Dues Hereby CRF Part 260.10
Transporter: TAD TRUCKing
Address: 506 N. ShiPP Hobbs N.M. Phone: 505-393-10/0
Driver: Soft Wozukk Truck No.: 25-84AD Tag No./State: APSIG-48 CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Scott Worrick 416-90 Scott Worrick 1/16/96 Driver Signature Driver Signature Delivery Date
Received at: KIO KAND ANI AM WANCE !!
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
Signed: Print: 12N 1 [201]
Date: 9-16-90 35.500 /375-650
GIVE WHITE CENERATOR CANARY TRANSPORTED BINK LANDERLY COLD COVERNMENT

NO: <u>CT62</u>

Generator: DUTHERN WINN CAS	JOB Name: DOUTHERN UNION GA
Address: V.O. Box 2000 GRAVES X	Address: P.O. BOX 980 HOBBS A
Phone: (401) 962-8888	Phone: (505) 376-5821
QUANTITY AND	DESCRIPTION
Proper Shipping Name: CONTAMINATED SC	DIC Quantity: 21 Units: C4
DOT Hazard Class: NONE	
Identification Number: NA	
Reportable Quantity: NA	
Additional Description: Profice # WMA	102757
REP. SAMPle: 5-CT32	
•	No.: Type: END Dyn
	ZINC CHEOMATE
according to applicable regulations. HUSSL DUSS Generator Authorized Agent Signature	ature Buss 4-16-90 Shipment Date
Transporter: TAD TRUCKing	
· · · · · · · · · · · · · · · · · · ·	
Address: 506 N. Sh. AP Hobbs N. N	1 Phone: <u>505-393-/6/</u>
Address: 506 N. Sh. A. Hobbs N. N. Driver: DAUID MEYERS Truck No.:	
Driver: No.:	1 hereby certify that the above named material was delivered without incident to the destination listed below. AND 4-16-90
Driver: No.: Truck No.: Truck No.: I hereby certify that the above named material was	1 hereby certify that the above named material was delivered without incident to the destination listed
Driver: No.: _ Truck No.: _ I hereby certify that the above named material was picked up at the generator site listed above. A-16-90	1 hereby certify that the above named material was delivered without incident to the destination listed below. AND 4-16-90
Driver: No.:	I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date
Driver: AUID MEYER Truck No.: _ I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Shipment Date Received at:	I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date
Driver: AUID MEYER Truck No.: _ I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Shipment Date Received at:	I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date Automatical School State: BP40856 CA. I hereby certify that the above named material was delivered without incident to the destination listed below. Delivery Date Delivery Date Automatical School State: BP40856 CA.
Driver: AUID MEYER Truck No.: I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Shipment Date Received at:	I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date

NO: <u>CT63</u>

\leq \sim
Generator: Southern Union Gas Job Name: Southern Union Gas
Address: P.O. Box 2000, GRAVES TX Address: P.O. Box 980, HUBBS, NM.
Phone: (409) 962-8888 Phone: (505) 396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: COUTAMINIATED SOIC Quantity: 21 Units: C4
DOT Hazard Class: NONE
Identification Number: NA
Reportable Quantity: NA
Additional Description: Profile # WMA 02757
REP SAMPLE: 5-CT32
Container(s): +QAILER -/ No.: Type: \$1500 Dump Special Handling Instructions: Contains Zinc Gromate Chromate
Special Handling Instructions: Coutains Zinc Gromat Chromage
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Transporter: TAD TRUKing
Address: 506 N. Shipp Hobbs N.M. Phone: 505-393-1010
Driver: Jdy Mitchell Truck No.: 21-74AD Tag No./State: AP 86654CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date Driver Signature Delivery Date
Received at: RIV RANGE CAVITAGE LANGETT
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print:
Date: 5579, 13
OTHER TOTAL STATE OF THE STATE

NO: <u>CT64</u>

Generator: DOUTHERN UNION GAS JOB Name: SOUTHERN UNION GAS
Address: PO. Box 2000 GRAVES, TX, Address: PO. Box 980 Hobbs, N.M.
Phone: (409) 962-8888 Phone: (505) 396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: DUTAMINATED Soic Quantity: 22 Units: CH
DOT Hazard Class: NOVE
Identification Number: NA
Reportable Quantity: NA
Additional Description: PROFICE & WMA 02757
Kep Sample: 5-CT32
Container(s): +RAILER -/ No.: Type: END LUMP
Special Handling Instructions: Contains Zinc Chromate
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state law has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Transporter: TAO TRUCKing
Address: 506 N. Sh. Pp. Hobbs N. M. Phone: 505-373-10/0
Driver: Bob Scott Truck No.: 44-86A0 Tag No./State: BP-40858CA.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Driver Signature Delivery Date
Received at: KIO HAN MO SANTAML AND FILL
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct.
Signed: TEN TENTER.
Date: 1690 ElEV5519,13
6rie Brusse 1550- 05/1500

NO: <u>CT</u> 72

Generator: So. Union Gas Jo	Name: Lea Refinery
Address: Port Arthur, Texas 77642 Ad	dress: 5 miles so, of Luxington Huy 18, 14.605 NAT
Phone: 409-962-8888 Ph	one: <u>505-396-5821</u>
QUANTITY AND DES	
Proper Shipping Name: <u>Confaminated Soil</u>	
DOT Hazard Class: \[\lambda A \]	
Identification Number: <u>NA</u>	
Reportable Quantity:	
Additional Description: <u>Confains</u> Zinc Chrom	ale
Container(s): Trailer	No.: _ /Type: _END Dump
Special Handling Instructions: <u>In case of spil</u>	Contains Zine Chromate
or any applicable state law, is not a hazardous waste as defined has been properly described, classified and packaged, a according to applicable regulations. Russelbuss Generator Authorized Agent Transporter: TAD TRUCKING	nd is in proper condition for transportation 10/9/90 Shipment Date
Address: 814 W. MARLANd Hobbs, N.	
Driver: Dennis Cosby Truck No.: 34-10	
ploked up at the generator site listed above. delivered by 10/9/90	reby certify that the above named material was vered without incident to the destination listed w. Per Signature Delivery Date Hardi Towy Laubfill
I hereby certify that the above name material has been acceptode is true and correct. Signed: 9-9-90	Print: TEN HECK EAST GRIBBETUREN 375.450/275.450 JOHN GRIB BETWEEN 550/200/275.450
. WHITE GENERATOR CANARY - TRANSPORTER PINK	ELEVISSS9, 13 -LANDFILL GOLD - GOVERNMENT

NO: CT->3

Generator: So. Union Gas Job Name: Lea Re Sinery
Address: 4/73 39th St. Port Action 7x5 Address: 5 miles 50 of Louington Huy10 Hob
Phone: 401 - 962 - 8888 Phone: 505 - 396 - 5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: Contaminated Soil Quantity: Units: YDS
DOT Hazard Class: NoNE
Identification Number: 1/A
Reportable Quantity: NONE
Additional Description: <u>Confains</u> Zinc Chroniste
Container(s): Trailer No.: Type: END Dump
Special Handling Instructions: <u>Confains Zinc Chromate in case of Spil</u>
has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Russel Buss 10/9/90 Generator Authorized Agent Signature Shipment Date Transporter: TAD TRUCKing
Addréss: 814 W. MARLAND Hobbs N.M. Phone: 505-393-1018
Driver: Tommy Coshy Truck No.: 46-75AD Tag No./State: 013884 UT.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Tommy Cooley 10/9/90 Tommy Cooley 10/10/91 Driver Signature Delivery Date Driver Signature Delivery Date
Received at: No KANCKO SANITARY (JANGFIL)
I hereby certify that the above name material has been accepted and to the best of my knowledge, the above is true and correct. Signed: Print: KEN HECK Date:
GTHE BETWEEN 375. 460/375.450 BORTH GOLD RETWEEN 1559.50 /1557.100

NONHAZARDOUS SPECIAL WASTE MANIFEST

Generator: So. Union GAS Job Name: Lea Refinery
Address: 4173 39th St. PORt Apthur Ty. 77642 Address: 5 miles So of Lovington Huy. 18. Hob
Phone: 409-962-8889 ' Phone: 505-396-5821
QUANTITY AND DESCRIPTION
Proper Shipping Name: Contaminated Soil Quantity: 19 Units: Yds
DOT Hazard Class:
Identification Number: N/A
Reportable Quantity:
Additional Description: Contains Zinc Chromate
Container(s): TRAINER No.: 1 Type: end dump
Special Handling Instructions: Centains Zinc Chamate in case of SAIL
has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Russel Buss Generator Authorized Agent Signature Signature Shipment Date
Transporter: TAO TRUCKing
Address: 814 W. MARLAND Hobbs N.M. Phone: 505-393-1016
Driver: Robert Hawkins Truck No.: 43-83AD Tag No./State: 014814 UT.
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date Driver Signature Delivery Date
Received at: R'o Koncho Son'i Tany LANE:11
I hereby certify that the above name material has been accepted and to the best of my knowledge, the
Signed:
Date: 10-10-90 EAST GRIED BETWEEN 375, 400/375, 450 WORTH Gride BETWEEN 1557, 50/1557, 100
411. 5559.13 WORTH Grid BETWEEN 1557,50/1559, 100

WHITE-GENERATOR CANARY-TRANSPORTER PINK-LANDFILL GOLD-GOVERNMENT

NO: <u>CT-</u>75

QUANTITY AND DESCRIPTION Proper Shipping Name: CONTAINING SOLD Quantity: SUMBOT Hazard Class: NA Identification Number: NA Reportable Quantity: NA Additional Description: CONTAINS ZINC Chromate Container(s): TRAILER No.: Type: End do Special Handling instructions: In CASE of Spill Contains Zinc Chromate I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state has been properly described, classified and packaged, and is in proper condition for transporta according to applicable regulations. Russel Buss Russel Buss Signature Phone: Total Truck No.: 34-101A Tag No./State: O214(2) to the destination list power is the above named material was picked up at the generator site listed above. Proper Signature Signature Proper S		Job Name: Lea Retineit
Phone: 409-9(2-8888 Phone: 505-37(a 583) QUANTITY AND DESCRIPTION Proper Shipping Name: Containing to South Quantity: 8 Units: CY DOT Hazard Class: NA Identification Number: NA Reportable Quantity: NA Additional Description: Contains Zinc Chrown at e Container(s): TRALER No.: 1 Type: End do Special Handling Instructions: In Case of spill Contains Zinc Chrown at e Or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state has been properly described, classified and packaged, and is in proper condition for transportae according to applicable regulations. Au Sel Buss Recording to applicable regulations. Au Sel Buss Recording to applicable regulations. Audress: 814 W MARLAND Holds IV M Phone: 505-393 Driver: Pennis Costu Truck No.: 34-101A Tag No./State: 0314(2) I hereby certify that the above named material was ploked up at the generator site listed above. Physical Signature Delivery Date Received at: 10/10/90 Driver Signature Delivery Date Received at: 10/10	ross: Port Arthur, Tx 17642	Address: 5 miles so of Louiston Hwyll
Proper Shipping Name: CONTAINING SOLD Quantity: QS Units: CY DOT Hazard Class: NA Identification Number: NA Reportable Quantity: NA Additional Description: Contains Zinc Chromate Container(s): TRAILER No.: Type: End d, Special Handling Instructions: In CASE of Spill Contains Zinc Chromate I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state has been properly described, classified and packaged, and is in proper condition for transporta according to applicable regulations. Russel Bussel Bussel Generator Authorized Agent Signature Signature Transporter: TAd Trucking Cc Address: S14 W IMARLAND Holds IV M Phone: Total 293 Oriver: DEAN S Cosby Truck No.: 34 - 101 A Tag No./State: 0314(2) Thereby certify that the above named material was picked up at the generator site listed above. Prover Signature Delivery Date Received at: P10 HANCAD AM TOM Application is below. Prover Signature Delivery Date Received at: P10 HANCAD AM TOM Application is below. Prover Signature Delivery Date Received at: P10 HANCAD AM TOM Application is true and correct.	ne: <u>409-962-8888</u>	Phone: 505-396-5821
DOT Hazard Class: NA Identification Number: NA Reportable Quantity: NA Additional Description: Contains Zinc Chromate Container(s): TRALER No: Type: End dy Special Handling Instructions: In Case of spill Contains Zinc Chromate I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state has been properly described, classified and packaged, and is in proper condition for transporta according to applicable regulations. Aussel Buss Sanature Signature Transporter: TAd Trucking Co Address: 214 W MARLAND Holys: WM Phone: 50, 293 Driver: Panis Coby Truck No: 34-101A Tag No./State: 031467 Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was picked up at the generator stellisted above. Thereby certify that the above named material was		
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Container(s): TRAILER No.: Type: End dispersion of the property described and packaged, and is in proper condition for transportal according to applicable regulations. Russel Buss Received at: Truck No.: 34-101A Tag No./State: 021467 (All Parch of Signature) Thereby certify that the above named material was picked up at the generator site listed above. No.: Type: End dispersion dispersion of the property described of Spirit Contains of the part 260 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state has been properly described, classified and packaged, and is in proper condition for transportal according to applicable regulations. Russel Buss Russel Buss In proper condition for transportal according to applicable regulations. Russel Bussel Bussel 10/10/90 Shipment Date Transporter: Tad Truck No.: 34-101A Tag No./State: 021467 (Contains) and the property described without incident to the destination list below. Thereby certify that the above named material was picked up at the generator site listed above. Thereby certify that the above name material has been accepted and to the best of my knowledge, above is true and correct. Thereby certify that the above name material has been accepted and to the best of my knowledge, above is true and correct.		,
I hereby certify that the above named material does not contain free liquid as defined by 40 CRF Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CRF 261 or any applicable state has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Russel Buss Russel Buss Russel Buss Replaced Recording to applicable regulations. Russel Buss Russel R		
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Address: 814 W. MARLAND Holds IV M. Phone: 505 393 Driver: DEAN, S. Coshy Truck No.: 34-101A Tag No./State: 021467 (Thereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination list below. Total Tag No./State: 021467 (Thereby certify that the above name material has been accepted and to the best of my knowledge, above is true and correct.	noning to approvate togethere.	•
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hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination ils below. O O Q O O O O O O O O	erator Authorized Agent Signature: TAd Trucking Co.	
Received at: The thank of San Terry Landfill I hereby certify that the above name material has been accepted and to the best of my knowledge, above is true and correct. Print: San Hereby Correct.	erator Authorized Agent sporter: TAd Trucking Co. ress: 814 W. MARLAND Helps:	5 N M Phone: 505 393-10
hereby certify that the above name material has been accepted and to the best of my knowledge, above is true and correct.	erator Authorized Agent sporter: TAd TRUCKING Co. ress: 814 W. MARLAND Helps: er: DENNIS Cosby Truck No.: eby certify that the above named material was	Phone: 505 393-10. 34-101A Tag No./State: 021467 UT. I hereby certify that the above named material was delivered without incident to the destination listed
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Signed: Print: PEU HCL F	erator Authorized Agent sporter: TAd TRUCKING Co. ress: 814 W. MARLAND Helph: er: DEANIS Coshy Truck No.: eby certify that the above named material was edup at the generator site listed above. 10/10/90 Shipment/Date	Phone: 505 393-10. 34-101A Tag No./State: 021467 UT. I hereby certify that the above named material was delivered without incident to the destination listed below.
111 111 (11)	erator Authorized Agent sporter: TAd TRUCKING Co. ress: 814 W. MARLAND Holbs er: DENNIS Coby Truck No.: eby certify that the above named material was edup at the generator site listed above. or Signature elived at: 10 FANCE SALE eby certify that the above name material has edup at the generator site listed above.	Phone: 505393-10. 34-101A Tag No./State: 021467 UT. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date V. TAM LANGE: been accepted and to the best of my knowledge, the
Date: 10+10-90 EAST Grid BETWEEN 315.19 5559.13 North Grid Between 154750/	erator Authorized Agent sporter: TAd TRUCKING Co. ress: 814 W WARLAND Holds er: DENNIS Coby Truck No.: reby certify that the above named material was edup at the generator site listed above. For Signature Signat	Print: Phone: 505393-10. Phone: 505393-10. Phone: 505393-10. 34-101A Tag No./State: 031467 UT. I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date Print: 470 HCCK

WASTE PROFILES

Witheak this box if additional information is attached.



Waste Management of North America GENERATOR'S SPECIAL WASTE PROFILE SHEET

TYPE A Waste

PLEASE PRINT IN INK OR TYPE

			WM	A 060058
INSTRUCTIONS FOR COMPLETING THIS F	ORM ARE ATTACHED		Waste Profile	Sheet Code
•	(Shaded Areas For WAINA	Jse Only)		
Renewal Date of Service Agreement:			WMNA Sales	Rep#:
A. WHERE IS THE WASTE GENERATED?		·	,	
1. Generator Name: Southern Ur	ion Gas Company		····	
2. Facility Address (site of waste generation):				
3. Generator City, State/Province:	Hobbs, New Mexico		4. Zip/Postal (Code: <u>88240</u>
5. Generator USEPA/Federal ID:				
6. Generator State/Province ID:				A 4
7. Technical Contact:	Russel A. Buss		8. Phone: (40	9) 962-8888
B. WHERE ARE WASTE MANAGEMENT, IN 1. Generating Facility (A, above), or 2. Company Name: Southern Union G			3. Phone: f ⁴⁰	9 <u> </u>
4. Address: <u>Post Office Box</u>	2000			
5. Generator City, State/Province: Groves.	Texas		6. Zip/Postal C	ode: <u>77619</u>
Process Generating Waste:Remediat Special Handling Instructions: _Avoid_du Avoid_du Does the waste have a 6.	st			
strong incidental odor? Brown	⊠kSolid ☐ Semi-Solid ☐ Powder Ther:	☐ Multi-layered ☐ Bi-layered	Range 2,200 - 2,600	☐ Yes
			1b./cu. yd.	
10. pH: □ ≤ 2 □ > 2-4 □ 4-7 □	7 🖾 7-10 🗋 10- < 12	2.5 □ ≥ 12.5	☐ Range	□ NA
11. Flash Point: 🔯 None 🔲 <140°F/60°	C 140°-199°F/60°-83°C	C	C Closed Cu	p 🔲 Open Cup
				

Turn Page and Complete Side 2



Waste Management of North America GENERATOR'S SPECIAL WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

E. CHEMICAL COMPOSITION 1.	RANGE MIN,-MAX.		te contain any of th ntration if known):	no following
Soil		(β.Φ		
Metals - see attached analysis	- %	МО	or LESS THAN	N or ACTUAL
	- %	PCB's 🔀	<50 ppn	
		Cyanides 🔀	☐ <50 ppn	
		Sulfides 🔀	<50ppm	
		Phenolics 🔯	<50 ppn	
		T Heridik's [2]	[] (200 bbi)	
•				
	%			
Please note: The chemical composition total in the maximu	%			
nn must be greater than or equal to 100%.	Total: 100 %		,	
F. METALS				
Does this waste contain any of the following metals (prov	ride concentration if known)	:		
Chromium ☑ <5 or ppm Lead ☑	<100 or ppm <5 or ppm <5 or ppm	Mercury	1	ppm
2. Indicate method used to determine concentration (if provi	ided): 🗆 EP TOX	М тс	CLP, or	☐ Total
G. GENERATOR CERTIFICATION				
By signing this profile sheet, the generator certifies that unle 1. This waste is not a "Hazardous Waste" as defined by US 2. This waste does not contain regulated quantities of PCB's 3. This sheet and its attachments contain true and accurate suspected hazards in the possession of the generator ha 4. The Contractor's Definition of Special Waste (Form WMN gnature)	EPA or Canadian Federal r s (Polychlorinated Biphenyls descriptions of the waste n s been disclosed.	egulation and/or th s). naterial. All releva	nt information rega	irding known or
5	5. Tide			
Russel A. Buss		09-07-90		
7. Name (Type or Print)	8. Date			



Waste Management of North America GENERATOR'S SPECIAL WASTE: PROFILE SHEET

TYPE A Waste

PLEASE PRINT IN INK OR TYPE

	WMA	02	<u>757</u>
Wasta	Dealle Cha	-A Code	

ISTRUCTIONS FOR	COMPLETING	THIS FORM ARE	ATTACHED
-----------------	------------	---------------	----------

NSTRUCTION	NS FOR COMPLETING THIS	5 FORM ARE ATTACHED			
Renewal Date	of Service / Service				
		Halleston and the Control of Cont			
A. WHERE IS	THE WASTE GENERATED	97			age to be the same of
Generator I	Name:	Southern Union Compan	y		
2. Facility Add	dress (site of waste generation	n): Lea Refinery 4 miles	SE of Lovingto	n, NM	*** ***
	City, State/Province:	P.O. Box 980, Hobbs,	NM	4. Zip/Postal (Code: 88241
5. Generator (USEPA/Federal ID:				
6. Generator S	State/Province ID:			-	The same ages of the same of t
7. Technical C	Contact:	Russel A. Buss		8. Phone: (4	.09 <u>. 962.</u> ,- <u>8888</u>
 Genera Company N 	RE WASTE MANAGEMENT ting Facility (A, above), or Name:	CWM-E	ENRAC Tachnology Dnive	3. Phone: (4	15, <u>651-2969</u>
	City, State/Province:	Freme	ont, CA	6. Zio/Postal (Code: 94533
C BHVCICAL	OUADA OTEDISTOS OF W	ACT (Confidential Confidential			
	. CHARACTERISTICS OF Waste:Contaminate				and the same of the same
	enerating Waste: Zinc (
	ndling Instructions: none				
1. Color	5. Does the waste have a		7. Layers	8. Specific Gravity:	9. Free Liquids:
_	strong incidental odor?	Solid Semi-Solid	☐ Multi-layered		Yes 12 No
Brown	☑ No ☐ Yes if so,	☐ Liquid ☐ Powder	☐ Bi-layered	Range	Volume:
	describe:	Other:	Single Phased		0 %
10. pH:□≤2	□ > 2-4 □ 4-7	☑ 7 □ 7-10 □ 10- <	12.5 □ ≥ 12.5	☐ Range	□ NA
11. Flash Poin	t: 🛛 None 🗌 <140°F	F/60°C	3°C	Closed Cu	p 🖾 Open Cup
	RTATION INFORMATION		: . · ·	_	
I. Method of S	' 3	quid 🔲 Bulk Sludge 🚨 Bul	lk Solid 🔲 Drum/	Box Dother	
2. Annual Amo		onhazardous soil will be	chinned to Wast	to Momet Inc	·
o. Supplemen		ous soils will be sent to			
l. Is this a DO	T hazardous material? 🗵 N	No ☐ Yes (If so, complete 5, 6 & 7	7) 5. Hazard C	lass/ID #: None	
	Quantity/ Units (lb/kg): Non				
_					

Turn Page and Complete Side 2

Side 1 of 2 Form WMNA-0089A (2/89) Waste Management Of North America

Check this box if additional information is attached.



CONTRACTOR'S DEFINITION OF SPECIAL WASTE

1. "Special Waste" means Type A or Type B Special wastes as defined below.

- 2. "Type A Special Waste" means any waste, from a commercial or industrial activity meeting any of the following descriptions.
 - a. A containerized waste (e.g., a drum, portable tank, lugger box, roll-off box, pail, bulk tanker, etc.) listed in b.-g. below.
 - b. A waste containing free liquids.
 - c. A sludge waste.
 - d. A waste from an industrial process.
 - . A waste from a pollution control process.
 - (f) Residue and debris from the cleanup of a spill of a chemical substance or commercial product or a waste listed in a.-e. or g.
 - g. Contaminated residuals, or articles from the cleanup of a facility generating, storing, treating, recycling, or disposing of wastes listed in a.-f.

3. Incidental Amounts of Special Waste

The Contractor recognizes that many customers will produce some "Type B:Special Waste," as defined below. Incidental quantities of "Type B Special Waste," do not require a Generator's Type B Special Waste Profile Sheet (Form WMNA-0089B) to be signed by the customer. However, the customer must identify the type and amount of Type B Special Wastes which will be provided to the Contractor in incidental amounts by completing the box in the lower right corner.

4. "Type B Special Waste" means any waste from a commercial or industrial activity meeting the descriptions which follow:

a. Friable asbestos waste from building demodition or cleaning wall board, wall spray coverings, pipe insulation, etc. Nonfriable asbestos is not a special waste unless it has been processed, handled or used in such a way that asbestos fibers may be freely released. Asbestos-bearing industrial process waste is a Type A Special Waste.

b. Commercial products or chemicals which are off-specification, outdated, anused or banned. Out-dated or off-specification, uncontaminated food or beverage products in original consumer containers are not included in this category, however, containers which once held commercial products or chemicals are included unless the container is empty. A container is empty when:

All wastes have been removed that can be removed using the practices: commonly employed to remove materials from the type of container, e.g., pouring, pumping or aspirating, and an end has been removed (for containers in excess of 25 gallons), and no more than 1 inch (2.54 centimeters) of residue remains on the bottom of the container or inner liner, or no more than 3% by weight of the total capacity of the container remains in the container (containers < 110 gallons), or no more than 0.3% by weight of the total capacity of the container remains in the container (containers > 110 gallons.) Containers which once held ACUTELY HAZARDOUS WASTES must be triple rinsed with an appropriate solvent or cleaned by an equivalent method. Containers which once held substances regulated under the Federal Insecticide, Fungicide, and Rodenticide Act must be empty according to label instructions or triple rinsed.

c. Untreated bio-medical waste - Any waste capable of inducing infection due to contamination with infectious agents from a bio-medical source including but not limited to a medical practitioner, hospital, medical clinic, nursing home, wastersity medical laboratory, mortuary, taxidermist, veterinarian, veterinary hospital or animal testing laboratory. Sharps from these sources must be rendered harmless or placed in needle puncture proof containers. Residue from incineration of infectious wastes is a "Type A Special Waste."

d. Treated bio-medical wastes - Any wastes from a bio-medical source including but not limited to a hospital, medical clinic, nursing home, medical practitioner, mortnary, taxidermist, veterinarian hospital, animal testing laboratery, or university medical laboratory which has been autoclaved or otherwise heat treated or sterilized so that it is no longer capable of inducing infection. Any sharps from these sources must be rendered harmless or placed in needle puncture proof containers.

e. Liquids and sludges from septic tanks, food service grease traps, or washwater and wastewaters from commercial laundries, laundromats and car washes unless these wastes are managed at commercial or public treatment works.

Chemical-containing equipment removed from service. Examples: filters, cathode ray tubes, lab equipment, acetylene tanks, fluorescent light tubes, etc.

Waste produced from the demolition or dismantling of industrial process equipment or facilities contaminated with chemicals from the industrial process Chemicals or wastes removed or drained from such equipment or facility are "Type A Special Wastes."

CUSTOMER ACKNOWLEDGES THAT HE HAS READ THE FOREGOING DEFINITION AND HAS IDENTIFIED THE TYPES AND AMOUNTS OF ANY TYPE B WASTE STREAMS PRODUCED IN INCIDENTAL AMOUNTS.

Southern	Union	Company
THORIZED SIG	_	Buss
Feb.	5 199	0
DATE	1.	



SPECIAL WASTE MANAGEMENT DECISION

& Z 75 7
Waste Profile Sheet Code

I. Request For Decision: Initial Renewal
GENERATOR NAME: Southern Union Company ADDRESS: L.D. BOX 180
CITY, STATE/PROVINCE: Hobbs, NM
WASTENAME(S): Zinc Chrografe contaminated Soil
PROPOSED MANAGEMENT FACILITY: Lie Lanche Land fill
PROPOSED INTERMEDIATE TRANSPORTER. CWM
WMNA REQUESTOR: LANCE Robiason SIGNATURE:
II. TECHNICAL MANAGER DECISION: (circle one) APPROYED DISAPPROVED Check if additional information is attached.
If Disapproved, Explain:
If Approved, Complete A, B, C
and D Below:
A Management Method(s): See a Hacked special conditions
B Precautions, Conditions, or See a Harhed special conditions
B Precautions, Conditions, or Limitations on Approval: See a ffunded special conditions
1/1/90
C Decision Expiration Date:
D For Type A Wastes, Laboratory Analysis of a Representative Sample Was: (Check only one)
Waived Supplied By Generator From a WMI-Approved Lab From Both Generator and WMI-Approved Lab
TECH. MGR. SIGNATURE: NAME (Print) Libre Lobinson DATE: 3/5/90
III. WMI MANAGEMENT FACILITY GENERAL MANAGER DECISION: (circle one) Approved, State any Additional Propositions
Additional Precautions, Conditions or Limitations:
The state of the s
GENERAL MGR SIGNATURE: MILLS M NAME: (Print) WILLIAM DI-erry DATE: 3/13/90
IV. WMI INTERMEDIATE TRANSFER FACILITY GENERAL MANAGER DECISION: (circle one) APPROVED DISAPPROVED If Approved, State any
Additional Precautions, Conditions or Limitations:
GENERAL MGR SIGNATURE: NAME (Print) DATE

Chemical Waste Wahagement, Inc. 12

GENERATOR'S WASTE MATERIAL PROFILE SHEET

MISCELLANEOUS SPECIAL WASTE PLEASE PRINT IN INK OR TYPE (EIIIe, 12-pitch).







ENRAC W 12143

Waste Profile Sheet Code

CWM Location of Orig	ginal:	(SHADED AREAS FOR CWM USE	E ONLY)	CWM Sales Rep. #:	057
	COMPLETING THIS FORM AF	·			
				Zip Code:	
A. GENERAL INFOR	MATION			Pa	Boo Hules
1 Generator Name:	Southern Union Company	2 Gen	nerator US	PAID: NM T3 GO	01036
3. Facility Address:	Lea Refinery 4 miles S	E of 4. Gen	nerator Stat	e ID:	
	Lovington, NM				
	P.O. Box 980 Hobbs. N	М		5. Zip Code:88	241
8. Technical Contact:	Russel A. Buss Bob Hulet - CWM- Project	7. Title: <u>Vice Presid</u> ct Manager 5-5-396-	lent -12/	. 8. Phone: (409)962- 801-364-	-8988 -6413
B. MAIL CHEMICAL	WASTE MANAGEMENT, INC. I	NVOICES TO 1. Generati	ing Facility	(A, above), or	
2. Company Name:	CWM-ENRAC 4227 Technology Drive			3. Phone: (415) 65	2964
4. Address:	4227 Technology Drive			·····	
	Fremont, CA 94538				
				. 5. Zip Code:	
			1		
	TE <u>Soil contaminated</u> ERATING WASTE <u>windbo</u>				
2. PHOCESS GEN	LIAING WASIL				
			<u>:</u>		
	on INFORMATION lous Material?			Inits: <u>30~40/yd³ /v</u> e	ar
	ORM-E				
. Additional Description	on: (EPA Toxic for chro	me			
, Method of Shipment	: 🗋 Bulk Liquid 🛭 Bulk Sol	id 🔲 Drum (Type/Size):		Other:	
. CERCLA Reportable	Quantity (RQ):	9. RQ L	Jnits (lb/kg): pound	
0. USEPA Hazardous	Waste? 🛛 Yes 🔲 No 💢 1	11. USEPA Hazardous Waste N			
2. State Hazardous Wa	aste? ☐ Yes ₭ No 1	3, State Hazardous Waste Nun	mber(s): _	None	
This waste is not a "I This waste is not a li This waste is not a 0 This waste does not This waste does not This sheet and its at	theet, the generator certifies that Hazardous 'Waste' as defined by sted solvent waste as defined by loxin listed waste as defined by contain greater than 1000 ppm to contain regulated quantities of tachments contain true and acchazards in the possession of the	r either 40 CFR 261 or the state v 40 CFR 261.31 (F001, F002, F0 40 CFR 261.31 (e.g., F020, F02 nalogenated organic compound PCB's (Polychlorinated Biphen urate descriptions of this waste	in which to 003, F004, 19 21, F022, F0 ds. hyls). e material.	he waste is now located or F005). 23, F026, F027, or F028	3).
7. Signature			8. Title		
R	ussel A. Buss		Marc	h 15, 1990	
3. Name (Type or Pri	nt)	_	10. Date		



SPECIAL WASTE MANAGEMENT DECISION LOCATION OF ORIGINAL LAKE Charles



L REQUEST FOR DECISION: EINITIAL CHEMEWAL	CENERATOR NAME Stathern Union Company
REQUESTOR NAME C. W. KITTO	
which was to themical Waste Management Lake Charles Facility	
LUCATION:	cal Waste Management - Lake Charles Facility
PROPOSED ULTIMATE MANAGEMENT FACILITY: Chem.	Cal hasce hanagement - take chartes facility
PROPOSED INTERMEDIATE TRANSPER FACILITY	r Outside Contractor
TRANSPORTATION TO BE PROVIDED BY	i wildre uniterest
N. TECHNICAL MANAGER AND LABORATORY MANAGER DECISION:	APPROVED C DISAPPROVED
A IF DISAPPROVED, EXPLAIN Schedule (
	2)
	Sur Paris Canada Anna Canada Anna an ann an ann an ann an ann an ann an a
	for Ruels/Landfill drum filling or crushing
	tion of Cyanide or Sulfide by oxidation then
	ith waste water and deep well
	e and landfill
DOESTME ABOVE PRODUCE A WMI SPECIAL WASTE? TYES ENO (IF YES YOU DECISION BY A DATE CERTAIN.)	OF SOLVENT RECOVERY SER OF OSCO OUR APPROVAL SHOULD BE CONDITIONED OBTAINING A WAI SPECIAL WASTE MANAGEMENT
2 PERMIT STATUS WITH RESPECT TO THIS SPECIAL WASTE USING THE APPRI	oved management methodisi
Fully Permitted (A) California List Re	striction (%) Land Ban F-Waste
/	/
1 PRECAUTION CONDITIONS OR LIMITATIONS ON LOGOROVAL	uela Calli) will apply
[No Free Liquids D) Pull salary	6. Long list love to develor rough
	ACT LOAD OF THIS SPECIAL WASTE AT THE TIME DELIVERED TO THE PROPOSED FACILITY IN
ADDITION TO APPLICABLE WASTE ANALYSIS IN AN REQUIREMENTS.	heck [] BTU/CL
[] Solvents	Generator Must Acknowledge
[] Other	Changes to WPS. Sec. D
S LABORATORY ANALYSIS OF A REPRESENTATIVE SPECIAL WASTE SAMPLE W	AS (check only one)
BEWAIVED C SUPPLIED BY GENERATOR C FROM A WMI LAB C FROM BO	OTH GENERATOR AND WMI LAS
8 SPECIAL WASTE CHARACTERIZATION, FOR PURPOSES OF COMPANY PPOLICE	y (check only one)
DARGULATED HAZARDOUS TO NON-REGULATED HAZARDOUS TO NON-HA	
7. PROPER USDOT SHIPPING NAME SPER THE GENERATOR WASTE MATERIAL PROFILE SHEET OR PROPER USD	NOT SHIPPING NAME
BLEU ING BELEVETON MYSTE MYTEUWF LUCKIFF MIRET AV LUCKEU ASE	
HAZARO CLASS	USDOT 10 NO
	•
ADDITIONAL DESCRIPTION	•
-1-1-	
DECISION EXPIRATION DATE 3/20192	
	LAB MGR SIGNATURE DI WOLTEN.
TECH MGR. SIGNATURE	NAME (Prot) G. Grout, D. Walther or R. Rutkowski
NAME (Print) T. A. Kurkjy	
DATE	_ DATE _3 20 90
III. WMI ULTIMATE MANAGEMENT FACILITY GENERAL MANAGER DECISION: \$ APPR	OVED I DISAPPROVED
IF APPROVED, STATE ANY ADDITIONAL PRECAUTIONS, CONDITIONS OR LIMITATIN	
, 0	1 /
The six	3/20/9 A
GENERAL MGR SIGNATURE TRANSPORT	DA*E
NAME (Print) C. W. Kitto or T. A. Rurkjy	
V. WMI INTERMEDIATE TRANSFER FACILITY GENERAL MANAGER DECISION:	. I APPROVED I DISAPPROVED
IF APPROVED STATE ANY ADDITIONAL PRECAUTIONS CONDITIONS OR LIMITATIN	ons ,
•	11 11 10 1
GENERAL MGR SIGNATURE	DATE 400 3/32/98