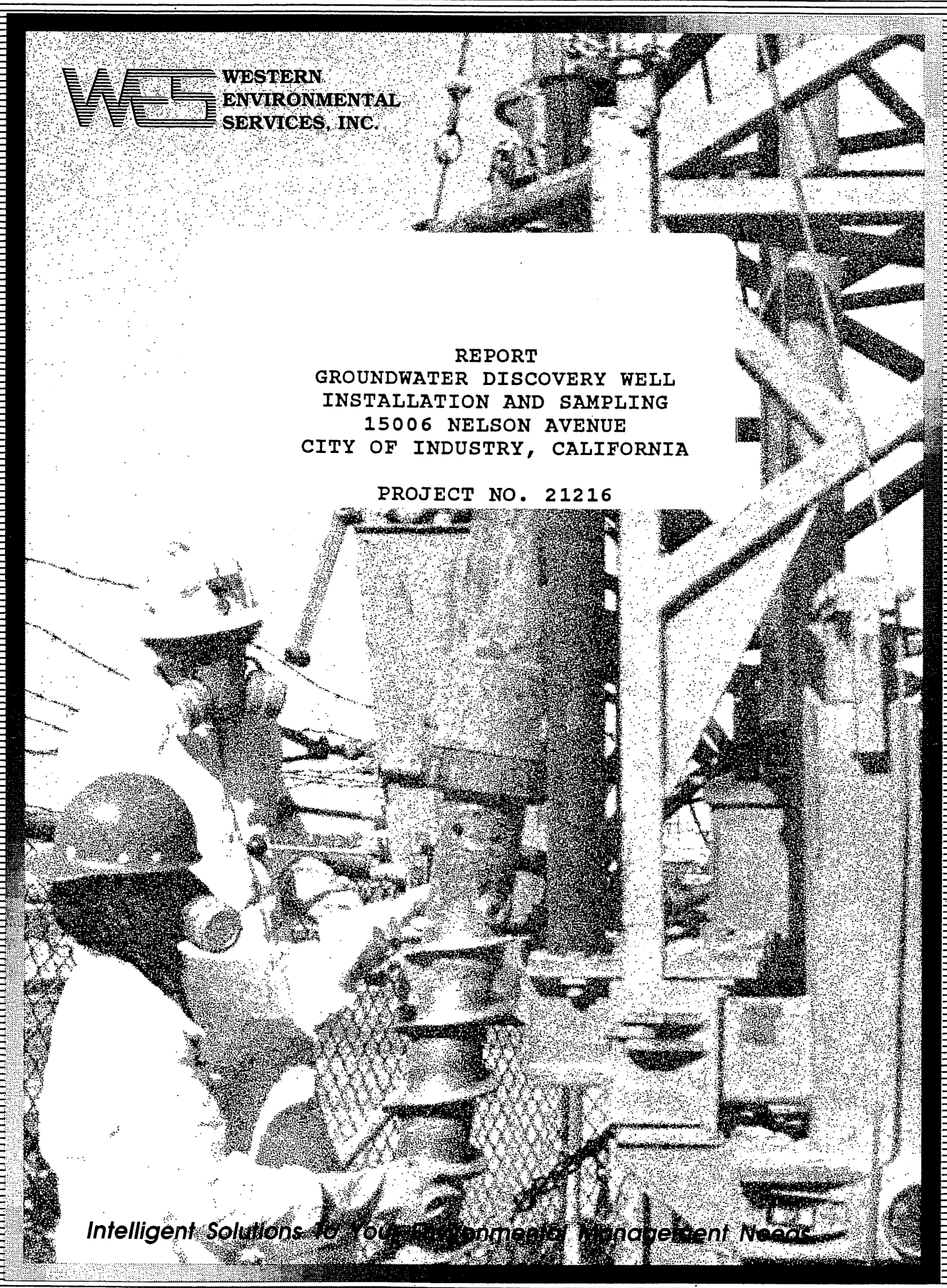
WESTERN ENVIRONMENTAL SERVICES, INC.

REPORT
GROUNDWATER DISCOVERY WELL INSTALLATION AND SAMPLING
15006 NELSON AVENUE
CITY OF INDUSTRY, CALIFORNIA

PROJECT NO. 21216



Intelligent Solutions to Your Environmental Management Needs

REPORT
GROUNDWATER DISCOVERY WELL INSTALLATION AND SAMPLING
15006 NELSON AVENUE
CITY OF INDUSTRY, CALIFORNIA

PROJECT NO. 21216

Prepared for:
TSA
700 Wilshire Boulevard
Los Angeles, California

Prepared By:
WESTERN ENVIRONMENTAL SERVICES INCORPORATED
2113 West Seventeenth Street
Long Beach, California

March 20, 1989

TABLE OF CONTENTS

CONTENTS **PAGE**

List of Figures

List of Tables

1.0 Introduction 1

1.1 Purpose and Scope of Work 1

1.2 Background 1

2.0 Field Procedures 5

2.1 Drill Program 5

2.2 Soil Sampling 5

2.3 Monitoring Well Installation 5

2.4 Well Development 6

2.5 Water Sampling 6

3.0 Geology 7

3.1 Site Stratigraphy and Hydrogeology 7

4.0 Laboratory Analyses and Results 7

4.1 Laboratory Analysis Methods 7

4.2 Laboratory Results 7

5.0 Conclusions and Recommendations 9

Appendix A1; Laboratory Reports - Soil - Tank Removal
Appendix A2; Laboratory Reports - Soil - Drill Program
Appendix A3; Laboratory Reports - Soil - Excavation
Appendix A4; Laboratory Reports - Soil - Waste Removal
Appendix A5; Laboratory Reports - Soil - Sieve Analysis
Appendix A6; Laboratory Reports - Well Installation
Appendix A7; Laboratory Reports - Water
Appendix B1; Chain of Custody Documents- Tank Removal
Appendix B2; Chain of Custody Documents- Drill Program
Appendix B3; Chain of Custody Documents- Excavation
Appendix B4; Chain of Custody Documents- Waste Removal
Appendix B5; Chain of Custody Documents- Well Installation
Appendix B6; Chain of Custody Documents- Water
Appendix C ; Boring Logs
Appendix D1; Manifests - Tank Removal Operations
Appendix D2; Manifests - Hazardous Waste Removal
Appendix E ; Permits - Well Installation

LIST OF FIGURES

FIGURE NUMBER	TITLE
1	Partial Site Plan - Tank Removal and Initial Sample Locations
2	Site Plan and Sample Locations
3	Typical Monitoring Well Construction Diagram
4	Grain Size Distribution

LIST OF TABLES

TABLE NO.	TITLE	PAGE
1	Laboratory Results - Tank Removal Operations	1
2	Laboratory Results - Drill Program	2
3	Laboratory Results - Excavation Operations	3
4	Laboratory Results - Soil Treatment Bed Sampling	4
5	Results of Soil Sampling Monitoring Well Installation	8
6	Results of Water Sampling Monitoring Well Installation	8

REPORT
GROUNDWATER DISCOVERY WELL INSTALLATION
15006 NELSON AVENUE
CITY OF INDUSTRY, CALIFORNIA

1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE OF WORK

This report summarizes work undertaken and results obtained for a groundwater study program at the site located at 15006 Nelson Avenue, Industry, Los Angeles County, California.

The work performed during the period between February 1, 1989 through February 14, 1989 consisted of a drilling and sampling program designed to document subsurface soil and groundwater quality at an area where underground diesel storage tanks were recently removed.

1.2 BACKGROUND

On April 8, 1988, Rudy's Service Station Equipment Maintenance, Inc. (Rudy's), located in South El Monte, under contract to the property owner, removed four underground storage tanks, and a fuel dispenser island at the subject facility. Following the removal operations, WES personnel collected soil samples from beneath the tank inverts and the dispenser island. These samples were analyzed for total petroleum hydrocarbons in accordance with EPA method 418.1. The analyses indicated hydrocarbon concentrations beneath the dispenser pad and diesel storage tanks. A summary of tank removal soil sample data is listed on Table 1 - Laboratory Results, Tank Removal Operations, below. Laboratory certificates are included in Appendix A1, and chain-of-custody documentation is enclosed in Appendix B1. Waste manifests are enclosed in Appendix D1.

TABLE 1
LABORATORY RESULTS
TANK REMOVAL OPERATIONS
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

TANK	LOCATION(1)	RESULTS(2) EPA 418.1
S1	North side of 4000 gal. diesel	45
S2	North side of 3500 gal. diesel	3900
S3	South side of 3500 gal. diesel	ND(1.)(3)
S4	South side of 4000 gal. diesel	2300
S5	West end of 5000 gal. diesel	ND(1.)
S6	East end of 5000 gal. diesel	ND(1.)

TABLE 1 (cont.)
LABORATORY RESULTS
TANK REMOVAL OPERATIONS
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

TANK	LOCATION(1)	RESULTS(2) EPA 418.1(4)
S7	Two feet beneath dispenser island	5400
S8	North end of 2000 gal. waste oil	ND(1.)
S9	South end of 2000 gal. waste oil	1

Notes:
(1) All samples collected two feet below tank invert
(2) All results stated in parts per million (ppm)
(3) ND - Not detected at the detection limit stated in parentheses
(4) EPA test method 418.1-Total Petroleum Hydrocarbons

On May 31 and June 1, 1988, Western Environmental Services (WES) performed a drilling and sampling program to determine the extent and concentration of hydrocarbon contamination in soil in the vicinity of the removed tank and dispenser island. The results of this program indicated that the hydrocarbon contamination was limited to the soil in the immediate vicinity of the excavation. A summary of drill program soil sample data is listed on Table 2 - Laboratory Results, Drill Program, below. Laboratory certificates summarizing soil sample results for samples collected during the drill program are enclosed in Appendix A2, associated chain-of-custody documents are enclosed in Appendix B2.

TABLE 2
LABORATORY RESULTS
DRILL PROGRAM
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

SAMPLE ID	DEPTH	RESULTS(1) (EPA 418.1)(2)
B2A	5	14
B2C	15	19
B2E	25	13
B2F	30	16
B2H	40	60
B2I	45	18
B3B	10	10
B3D	20	11
B3F	30	5

TABLE 2
LABORATORY RESULTS
DRILL PROGRAM
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

SAMPLE ID	DEPTH	RESULTS(1) (EPA 418.1)(2)
B3H	40	18
B310	10	2
B320	20	2
B330	30	3
B340	40	3

Notes:
(1) All results stated in parts per million (ppm)
(2) EPA test method 418.1-Total Petroleum Hydrocarbons

On June 9, 1988, approximately 75 cubic yards of contaminated soil, representing the most contaminated material, was removed by excavation from two areas of the diesel tank pit, transported to the southeast portion of the site, spread in an eight to 12 inch bed, and aerated in an effort to remove the petroleum hydrocarbon contaminants saturating the soils. A summary of results of lab testing for soil samples analyzed during the excavation and subsequent disposal work are shown on Table 3 - Laboratory Results, Excavation Operations. This action was determined to be ineffective due to the character of the toxic material. Consequently the hydrocarbon laden soil was, manifested, loaded and disposed of properly.

TABLE 3
LABORATORY RESULTS
EXCAVATION OPERATIONS
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

SAMPLE ID	LOCATION	RESULTS(1) (EPA 418.1)(2)
10	Bottom of North excavation 12 feet below grade	4160
11	Bottom of North excavation 20 feet below grade	421
12	West wall of North excavation 15 feet below grade	11
13	East wall of North excavation 16 feet below grade	18

TABLE 3 (cont.)
LABORATORY RESULTS
EXCAVATION OPERATIONS
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

SAMPLE ID	LOCATION	RESULTS(1) (EPA 418.1)(2)
14	North wall of North excavation 16 feet below grade	17
15	Bottom of South excavation 16 feet below grade	8
16	Bottom of North excavation 24 feet below grade	6

Notes:
(1) All results stated in parts per million (ppm)
(2) EPA test method 418.1-Total Petroleum Hydrocarbons

TABLE 4
LABORATORY RESULTS
SOIL TREATMENT BED SAMPLING
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

SAMPLE ID	LOCATION	RESULTS(1) (EPA 418.1)(2)
SP-1	Treatment Bed	8900
SP-2	Treatment Bed	4700
SP-3	Treatment Bed	7100
SP-4	Treatment Bed	5900
SP-5	Treatment Bed	3600
SP-6	Treatment Bed	4500

Notes:
(1) All results stated in parts per million (ppm)
(2) EPA test method 418.1-Total Petroleum Hydrocarbons

Laboratory certificates summarizing soil sample results for the excavation and subsequent aeration and disposal work are enclosed in Appendix A3 and A4 respectively, associated chain-of-custody documents are enclosed in Appendix B3 and B4. All waste manifests are contained in Appendix D2.

Prior to final site closure, the California Regional Water Quality Control Board (CRWQCB) required the installation of a monitoring well adjacent to the diesel tank excavation, and testing of groundwater beneath this site for possible hydrocarbon contaminants. WES submitted a workplan summary

for this monitoring well installation and sampling program. Roy R. Sakaida of the California Regional Water Quality Control Board reviewed and conditionally approved the workplan, indicating various requirements that had to be incorporated into the well installation, development, and sampling operations. This report summarizes the field operations, laboratory testing, and results of mandated well work and reports the findings.

2.0 FIELD PROCEDURES

2.1. DRILL PROGRAM

On February 1, 1989, Westech Environmental Drilling installed a four inch diameter PVC monitoring well under direct supervision of a WES geologist. The boring was advanced using a truck mounted drill rig equipped with 6.75 inch inside diameter (I.D.), 10.00 inch outside diameter (O.D.) continuous flight hollow stem auger.

2.2 SOIL SAMPLING

A modified California sampler was utilized in obtaining undisturbed soil samples at five foot intervals to static water level and at 20 feet below SWL (This sample was delivered to a geotechnical laboratory for gradation (sieve) analysis). At each sampling interval, the sampler was driven one foot with blows per foot recorded for evaluating relative density and consistency of the strata. The inner sleeve of the sampler consisted of six inch stainless steel retainers. Prior to obtaining each sample, the sampler, retainers, and Teflon caps were washed with Trisodium Phosphate (TSP) and triple rinsed with deionized water (D.I.). The lower retainer was sealed immediately with Teflon sheeting and Teflon caps, securely taped, labeled and placed on ice pending same day transportation to a state certified laboratory for chemical analysis. The upper retainers in each sample were monitored with a field operated organic vapor analyzer, studied, and characterized by the on site WES geologist for lithologic classification according to the Unified Soil Classification System (USCS).

2.3 MONITORING WELL INSTALLATION

The uppermost groundwater table was encountered at 65 feet below ground surface. The monitoring well was completed at a total depth of 85 feet by installing four inch diameter, schedule 40 PVC casing. Thirty feet of screened casing perforated with machine cut 0.02 inch slots was set from 20 feet below SWL to ten feet above SWL. A soil sample from within the saturated zone was retained and a sieve analysis was performed by a state certified laboratory. Results of the sieve analysis indicate that the casing perforation

should be no larger that 0.02 inches in width. Additionally Monterey #3 size diameter sand would also be acceptable (Figure 4 and Appendix A5 show graphic representation of grain size distribution for tested sample). The annular space surrounding the well space was packed with Montereynumber three sand to three feet above the uppermost point of the screened interval. The filter pack was systematically tremied through the augers as the augers were retracted. A three foot bentonite pellet seal was set above the filter pack and saturated to induce swelling. A 9:1 ratio of Portland Cement to bentonite grout was tremied through the auger from the top of the pellet seal to one foot below surface grade. A locking gate well was set over the casing at approximately one inch above surface grade to facilitate surface runoff. This box is cemented in place with concrete.

2.4 WELL DEVELOPMENT

On February 7, 1989, Westech Environmental Drilling developed the monitoring well by surging and bailing under the direct supervision of a WES geologist. A development drill rig was used to hoist the surge block assembly and stainless steel bailer. The surge block assembly, bailer, and cable were steam cleaned prior to well development to prevent possible contamination. Approximately three bore hole volumes of water and a small amount of clay and silt sediment was removed from the well by bailing and transferred to steel drums for future disposal. The development continued until the well produced clear water and groundwater characteristics; including temperature, Ph, conductivity stabilized.

2.5 WATER SAMPLING

Upon groundwater contact on February 1, 1989, the boring was advanced one foot into the aquifer and an initial water sample was collected with a stainless steel bailer, immediately placed in a one liter glass jar, and stored on ice pending same day transportation to a state certified laboratory for total petroleum hydrocarbon and other mandated parameters. Prior to sampling, the bailer was steam cleaned to prevent cross contamination of the water sample.

On February 14, 1989, a WES geologist recovered three water samples from the monitoring well with a clean Teflon bailer, placed the samples into individual one liter glass jars, and stored the jars on ice pending same day delivery to a state certified analytical laboratory. The first sample was recovered to determine the concentration of suspended solids. The second sample was obtained at the water surface

and the third from ten feet below static water level. These two samples were analyzed to determine the concentrations of possible floating and dissolved hydrocarbon constituents.

3.0 GEOLOGY

3.1 SITE STRATIGRAPHY AND HYDROGEOLOGY

The subject site is located on San Gabriel Valley flood plain deposits derived from the San Gabriel Mountains to the north and Puente Hills to the south. The strata at the well location consist of approximately 40 feet of sandy clay overlying 45 feet of fine to coarse grained sand with some clay and silt (see attached boring log). The surficial regional strata typically consists of up to 200 feet of clay to boulder sized Holocene alluvium, with coarser sediments most abundant deeper in the section (Yerkes and others, 1965). The Holocene strata overlie more than 4000 feet of upper Pliestocene alluvial fan sediments.

4.0 LABORATORY ANALYSES AND RESULTS

4.1 METHODS OF ANALYSIS

The soil samples obtained during the drilling program of February 7, 1989; excluding the one sample analyzed for gradation, were field screened with an organic vapor analyzer and analyzed in the laboratory for total petroleum hydrocarbons (per EPA method 418.1/3550) and aromatic volatile organics (per EPA method 8020). The initial water sample obtained while advancing the boring on February 1, 1989, was analyzed for total petroleum hydrocarbons (per EPA method 418.1).

On February 14, 1989, three water samples were recovered. One was analyzed for total suspended solids (per EPA method 160.2). The two remaining samples (water surface and mid well level) were analyzed for total petroleum hydrocarbons (per EPA method 418.1) and aromatic volatile organics (per EPA method 602).

4.2 LABORATORY RESULTS

Results of laboratory testing for soil and groundwater samples collected during well installation indicated minimal or no soil or groundwater contamination. A complete summary of laboratory test results is included below on Table 5 - Results of Soil Sampling, and on Table 6 - Results of Water Sampling.

TABLE 5
RESULTS OF SOIL SAMPLING
MONITORING WELL INSTALLATION
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

	LABORATORY PARAMETERS/RESULTS[1]				
SAMPLE ID	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE	TPH[2]
MW-05	ND[3]	0.010	ND	0.200	ND
MW-10	ND	0.030	0.010	0.200	ND
MW-15	ND	0.010	ND	0.200	ND
MW-20	ND	0.010	ND	0.200	ND
MW-25	ND	0.020	0.010	0.220	ND
MW-32	ND	0.020	0.010	0.210	ND
MW-35	ND	0.020	0.010	0.180	ND
MW-40	ND	0.040	ND	0.210	ND
MW-45	ND	0.040	0.010	0.210	ND
MW-50	ND	0.020	0.010	0.170	ND
MW-55	ND	0.030	0.010	0.210	ND
MW-60	ND	0.030	0.010	0.210	ND
MW-65	ND	NA[4]	NA	NA	ND
DETECTION LIMIT	.001	.001	.001	.001	1

Notes:
(1) Results are stated in parts per million (ppm).
(2) TPH - Total Petroleum Hydrocarbons
(3) ND - Substance not detected at the detection limit stated.
(4) NA - Not Analyzed

TABLE 6
RESULTS OF WATER SAMPLING
MONITORING WELL INSTALLATION
15006 NELSON AVENUE
INDUSTRY, CALIFORNIA

	LABORATORY RESULTS/PARAMETERS[1]				
SAMPLE ID	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE	TPH[2]
MWTW INITIAL	ND[3]	ND	ND	ND	3.6
WS-2	ND	ND	ND	ND	1.0
WS-3	ND	ND	ND	ND	1.0
DETECTION LIMIT	.001	.001	.001	.001	.1

Notes:
(1) Results stated in parts per million (ppm)
(2) TPH - Total Petroleum Hydrocarbons
(3) ND - Substance no detected at the detection limit stated.

The gradation of the Monterey number three filter pack is summarized on Figure 4. The information on the Monterey filter pack was supplied by the distributor, Roscoe Moss Company of Los Angeles, California.Laboratory certificate and chain of custody records for all samples obtained and analyzed for this project are included in appropriate Appendix A and B sections, respectively.

5.0 CONCLUSIONS AND RECOMMENDATIONS

In accordance with both State and County guidelines for Underground Storage of Hazardous Materials, WES has completed a groundwater monitoring program associated with the recent removal of four underground storage tanks at the subject facility, located in City of Industry, California. The soil samples obtained while advancing the boring contained minor concentrations of some aromatic volatile organics and non-detected total petroleum hydrocarbons. The groundwater samples recovered from the monitoring well contained initially (prior to well development) minor concentrations of total petroleum hydrocarbons and non-detected aromatic volatile organics.

WES appreciates the opportunity to provide environmental management services for TSA. If we can be of further assistance or provide additional information, please feel free to call.

Sincerely,
WESTERN ENVIRONMENTAL SERVICES INCORPORATED

Keith J. Swett
Project Geologist

Reviewed by:

Paul Lipinski
Project Manager
California Registered Geologist #3991

Jack Green, PhD
Project Director
California Registered Geologist #3207

cc: Phil Chandler : California Regional Water Quality Control Board

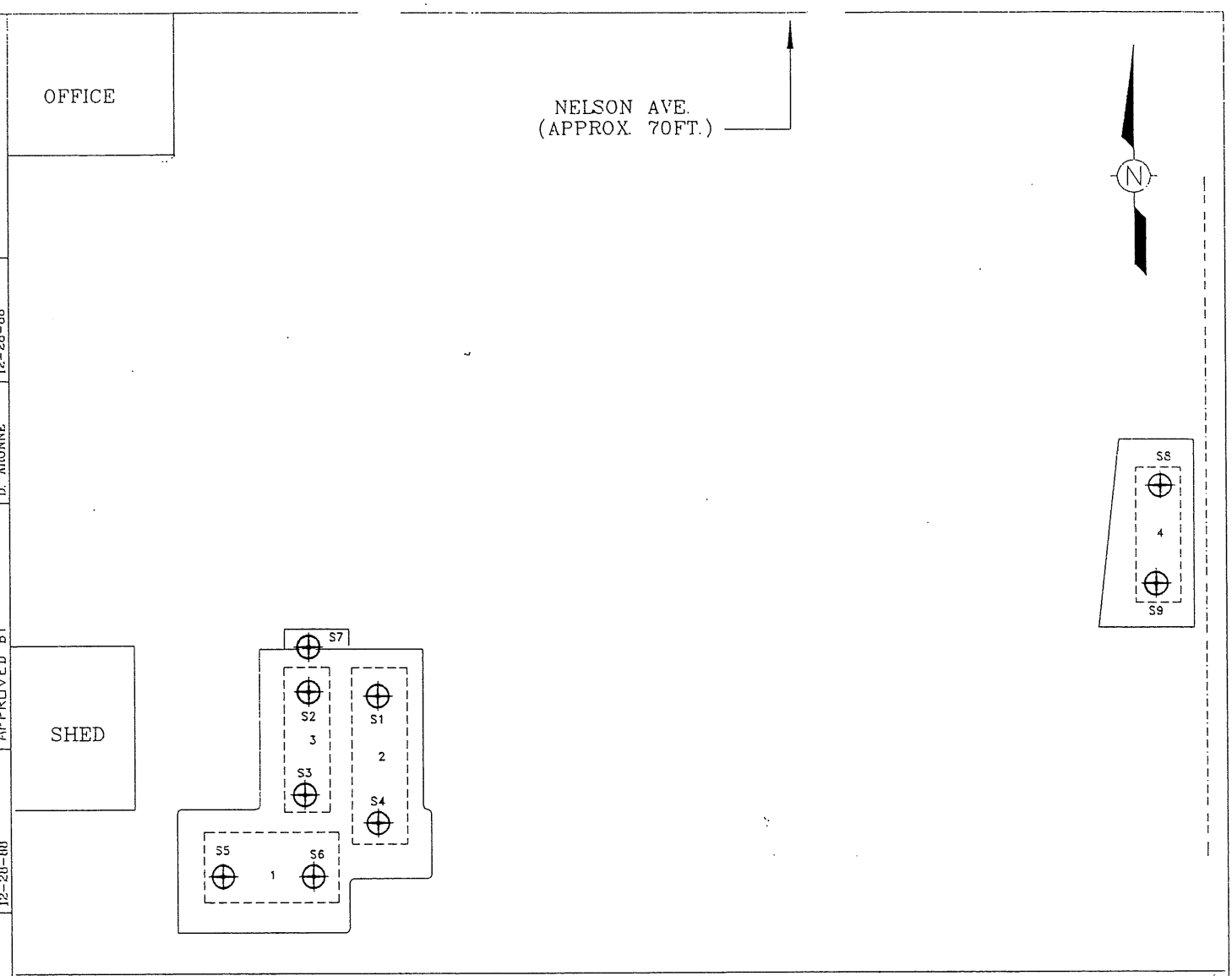
Omar Afori : Los Angeles County Department of Public Works, Waste Management Div.

Mary Ann McKinley: TSA; Pasadena, California

James Center : Grubb & Ellis, Industrial Properties Division, Industry, California

(21216.GDW(RPT))

FIGURES



DRAWN BY R. MORTL 12-28-88
CHECKED BY M. SCHOFIELD 12-28-88
APPROVED BY D. ARONNE 12-28-88
DRAWING N. 1216-02

LEGEND

- - - - - CHAIN LINK FENCE

⊕ LOCATION OF SAMPLES COLLECTED ON APRIL 8, 1988

▭ LOCATION OF UNDERGROUND STORAGE TANKS

TANK DATA

NO.	DESCRIPTION
1	5,000 GALLON DIESEL
2	4,000 GALLON DIESEL
3	3,000 GALLON DIESEL
4	2,000 GALLON WASTE OIL

APPROX. SCALE
0 20 40 FT.

FIGURE 1

PARTIAL SITE PLAN AND
TANK REMOVAL AND
INITIAL SAMPLE LOCATIONS

EDNA INC.

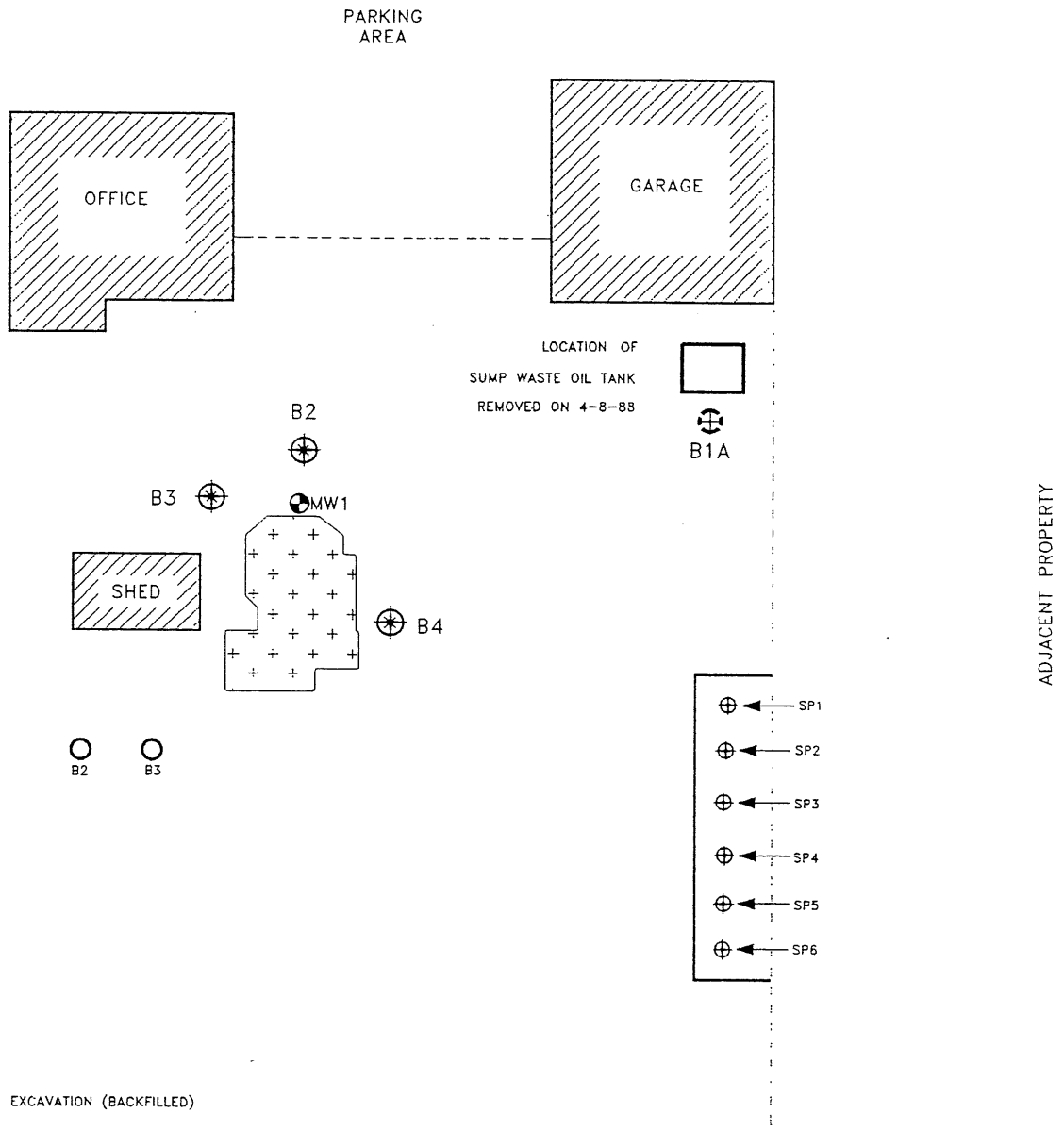
15000 NELSON AVENUE
CITY OF INDUSTRY, CALIFORNIA

PREPARED FOR

TSA

700 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA

WESTERN ENVIRONMENTAL SERVICES, INC.
Intelligent Solutions to your Environmental Management Needs.



LEGEND

- AREA OF PREVIOUS EXCAVATION (BACKFILLED)
- CHAIN LINK FENCE
- LOCATION OF SHALLOW HAND AUGER BORINGS TAKEN ON 5-6-88
- LOCATION OF ANGLE BORING TAKEN ON 11-28-87
- LOCATION OF SOIL BORINGS TAKEN FROM 5-31-88 TO 6-1-88
- LOCATION OF GROUNDWATER MONITORING WELL
- LOCATION OF TREATMENT BED CHARECTERIZED SAMPLES TAKEN ON 9-26-88

FIGURE 2
SITE PLAN AND SAMPLE LOCATIONS
15006 NELSON AVENUE
CITY OF INDUSTRY, CALIFORNIA

PREPARED FOR
TSA
700 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA

SCALE	APPROXIMATE SCALE IN FEET 0 10 25 30 50 75 100		NORTH
DRAWN BY	R. MORTON	1-2-89	
CHECKED BY	M. SCHOFIELD	1-2-89	
APPROVED BY	D. ARONNE	1-2-89	

DRAWING NO. 21216-03

WESTERN ENVIRONMENTAL SERVICES, INC.
Intelligent Solutions to your Environmental Management Needs.

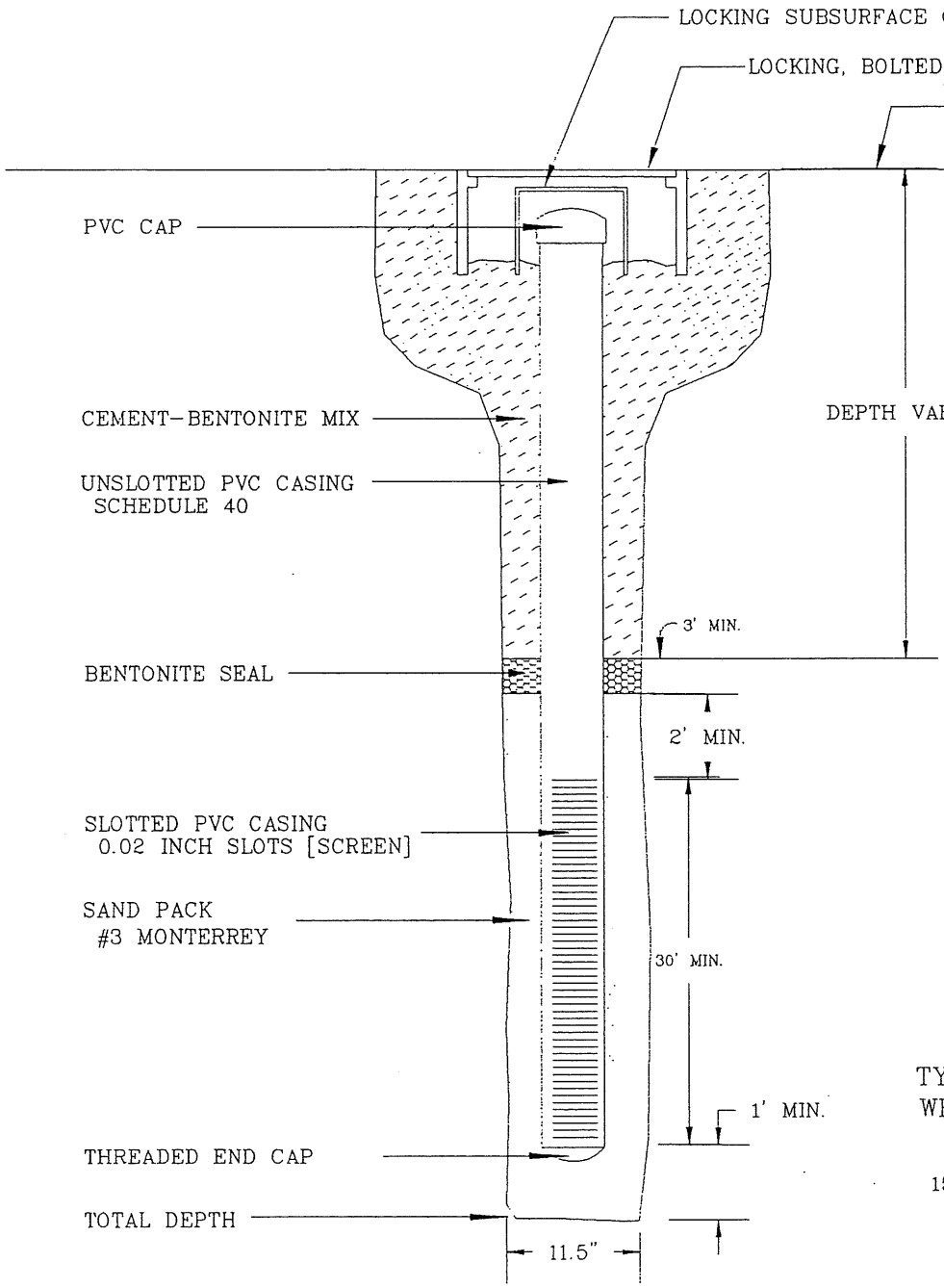


FIGURE 3
TYPICAL MONITORING WELL CONSTRUCTION DIAGRAM

15006 NELSON AVENUE
CITY OF INDUSTRY
CALIFORNIA

PREPARED FOR
TSA
700 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA

DRAWING NO. WELL
9-8-08 9-8-08
M. SCHOFIELD D. ARONNE
CHECKED BY APPROVED BY
R. MORT. 9-8-08
DRAWN BY

WESTERN ENVIRONMENTAL SERVICES, INC.

Intelligent Solutions to your Environmental Management Needs.

GRAIN SIZE DISTRIBUTION

CLAST SIZE (IN mm)	SIEVE MESH	CUMULATIVE PASSING	PHI VALUE	CLASS TERMS
3.35	6	100%	-1 TO -2	GRANULES (FINE GRAVEL)
2.36	8	99-100%	-1 TO -2	VERY COARSE SAND
1.70	12	65-85%	0 TO -1	VERY COARSE SAND
1.18	16	20-45%	0 TO -1	COARSE SAND
CLAST SIZE (IN um)				
850	20	0-8%	3 TO 4	VERY FINE SAND
600	30	0-3%	4 TO 5	SILT

FIGURE 4

GRAIN SIZE DISTRIBUTION
MONTEREY NUMBER 3 SAND

EDNA INCORPORATED

15006 NELSON AVENUE
CITY OF INDUSTRY, CALIFORNIA

APPENDIX A1

LABORATORY REPORTS
SOIL - TANK REMOVAL OPERATIONS

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-4379 • FAX: (714)891-5017 • 1-800-LAB-1081

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
Post Office Box 9806
Long Beach, CA 90810
ATTN: Dave Aronne

ANALYSIS NO.: 809908-001/009
ANALYSES: EPA Method 418.1
DATE SAMPLED: 04/08/88
DATE SAMPLE REC'D: 04/08/88
DATE ANALYZED: 04/14/88
SAMPLE TYPE: Solid
PROJECT: EDNA Inc.
Nelson Street, Industry

SAMPLE IDENTIFICATION	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS EPA METHOD 418.1 (mg/kg)
#1 Tank 2 North End	45.
#2 Tank 3 North End	3900.
#3 Tank 3 South End	ND(1.)
#4 Tank 2 South End	2300.
#5 Tank 1 West End	ND(1.)
#6 Tank 1 East End	ND(1.)
#7 Underneath Dispenser Pad	5400.
#8 Tank 4 North End	ND(1.)
#9 Tank 4 South End	1.

The Report Cover Letter is an integral part of this report.
This report pertains only to the sample as investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the sole use of the client to whom it is addressed. Any reproduction of this report or use of this laboratory's name for advertising or publicity purposes without authorization is prohibited.

APPENDIX A2

LABORATORY REPORTS
SOIL - DRILL PROGRAM

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0453

January 11, 1988

WESTERN ENVIRONMENTAL SERVICES
2113 West 17th Street
Long Beach, CA 90810
ATTN: David Aronne

ANALYSIS NO.: 734806-001
ANALYSES: EPA Method 8240, 8015
DATE SAMPLED: 11/28/87
DATE SAMPLE REC'D: 12/14/87
PROJECT: Edna #21216
15006 East Nelson Street

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 734806-001 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0453

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
2113 West 17th Street
Long Beach, CA 90810
ATTN: David Aronne

ANALYSIS NO.: 734806-001
ANALYSES: EPA Method 8015
DATE SAMPLED: 11/28/87
DATE SAMPLE REC'D: 12/14/87
DATE ANALYZED: 12/16/87
SAMPLE TYPE: Soil
PROJECT: Edna #21216
15006 East Nelson Street

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBONS EPA METHOD 8015 (mg/kg)
1A 5 ft. Below Sump Waste Oil Tank	5.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0453

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
2113 West 17th Street
Long Beach, CA 90810
ATTN: David Aronne

Sample ID: 1A 5 ft. Below Sump
Waste Oil Tank

ANALYSIS NO.: 734806-001
ANALYSES: EPA Method 8240
DATE SAMPLED: 11/28/87
DATE SAMPLE REC'D: 12/14/87
DATE ANALYZED: 01/04/88
SAMPLE TYPE: Soil
PROJECT: Edna #21216
15006 East Nelson Street

EPA METHODS 624/8240 VOLATILE POLLUTANTS DATA SHEET

	(ug/kg)		(ug/kg)
Chloromethane	ND(10.)	1,2-Dichloropropane	ND(5.)
Bromomethane	ND(10.)	Trans-1,3-Dichloropropene	ND(5.)
Vinyl Chloride	ND(10.)	Trichloroethene	ND(5.)
Chloroethane	ND(10.)	Dibromochloromethane	ND(5.)
Methylene Chloride	ND(5.)	1,1,2-Trichloroethane	ND(5.)
Acetone	ND(10.)	Benzene	ND(5.)
Carbon Disulfide	ND(5.)	cis-1,3-Dichloropropene	ND(5.)
1,1-Dichloroethene	ND(5.)	2-Chloroethylvinyl ether	ND(10.)
1,1-Dichloroethane	ND(5.)	Bromoform	ND(5.)
Trans-1,2-Dichloroethene	ND(5.)	4-Methyl-2-Pentanone	ND(10.)
Chloroform	ND(5.)	2-Hexanone	ND(10.)
1,2-Dichloroethane	ND(5.)	Tetrachloroethene	ND(5.)
2-Butanone	ND(10.)	1,1,2,2-Tetrachloroethane	ND(5.)
1,1,1-Trichloroethane	ND(5.)	Toluene	ND(5.)
Carbon Tetrachloride	ND(5.)	Chlorobenzene	ND(5.)
Vinyl Acetate	ND(10.)	Ethylbenzene	ND(5.)
Bromodichloromethane	ND(5.)	Styrene	ND(5.)
		Total Xylenes	ND(5.)

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458

June 1, 1988

WESTERN ENVIRONMENTAL SERVICES
2113 W. 17th Street
Long Beach, CA 90810
ATTN: David Aronne

ANALYSIS NO.: 812718-001/002
ANALYSES: EPA Method 8240/8015
DATE SAMPLED: 5/6/88
DATE SAMPLE REC'D: 5/6/88
PROJECT: #21216 Edna Inc. 21

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 812718-001/002 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached. Sample seals were intact.

Verbals were given on May 27, 1988 at 11:40 A.M. to David Aronne.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

Terol Kimble
REVIEWED

APPROVED

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
2113 W. 17th Street
Long Beach, CA 90810
ATTN: David Aronne

ANALYSIS NO.: 812718-001/002
ANALYSES: EPA Method 8015
DATE SAMPLED: 5/6/88
DATE SAMPLE REC'D: 5/6/88
DATE ANALYZED: 5/12/88
SAMPLE TYPE: Solid
PROJECT: #21216 Edna Inc. 21

SAMPLE IDENTIFICATION	TOTAL VOLATILE PETROLEUM HYDROCARBONS EPA METHOD 8015 (mg/kg)
B2 5 ft. Below Surface	ND(1.)
B3 5 ft. Below Surface	1.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
2113 W. 17th Street
Long Beach, CA 90810
ATTN: David Aronne

SAMPLE ID.: B2 5 ft. Below Surface

ANALYSIS NO.: 812718-001
ANALYSES: EPA Method 8240
DATE SAMPLED: 5/6/88
DATE SAMPLE REC'D: 5/6/88
DATE ANALYZED: 5/20-24/88
SAMPLE TYPE: Solid
PROJECT: #21216 Edna Inc. 21

EPA METHODS 624/8240 VOLATILE ORGANICS

	(ug/kg)		(ug/kg)
Chloromethane	ND(10.)	1,2-Dichloropropane	ND(5.)
Bromomethane	ND(10.)	Trans-1,3-Dichloropropene	ND(5.)
Vinyl Chloride	ND(10.)	Trichloroethene	ND(5.)
Chloroethane	ND(10.)	Dibromochloromethane	ND(5.)
ethylene Chloride	ND(5.)	1,1,2-Trichloroethane	ND(5.)
Acetone	ND(10.)	Benzene	ND(5.)
Carbon Disulfide	ND(5.)	cis-1,3-Dichloropropene	ND(5.)
1,1-Dichloroethene	ND(5.)	2-Chloroethylvinyl ether	ND(10.)
1,1-Dichloroethane	ND(5.)	Bromoform	ND(5.)
Trans-1,2-Dichloroethene	ND(5.)	4-Methyl-2-Pentanone	ND(10.)
Chloroform	ND(5.)	2-Hexanone	ND(10.)
1,2-Dichloroethane	ND(5.)	Tetrachloroethene	ND(5.)
2-Butanone	ND(10.)	1,1,2,2-Tetrachloroethane	ND(5.)
1,1,1-Trichloroethane	ND(5.)	Toluene	ND(5.)
Carbon Tetrachloride	ND(5.)	Chlorobenzene	ND(5.)
Vinyl Acetate	ND(10.)	Ethylbenzene	ND(5.)
Bromodichloromethane	ND(5.)	Styrene	ND(5.)
		Total Xylenes	ND(5.)

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
2113 W. 17th Street
Long Beach, CA 90810
ATTN: David Aronne

SAMPLE ID.: B3 5 ft. Below Surface

ANALYSIS NO.: 812718-002
ANALYSES: EPA Method 8240
DATE SAMPLED: 5/6/88
DATE SAMPLE REC'D: 5/6/88
DATE ANALYZED: 5/20-24/88
SAMPLE TYPE: Solid
PROJECT: #21216 Edna Inc. 21

EPA METHODS 624/8240 VOLATILE ORGANICS

	(ug/kg)		(ug/kg)
Chloromethane	ND(10.)	1,2-Dichloropropane	ND(5.)
Bromomethane	ND(10.)	Trans-1,3-Dichloropropene	ND(5.)
Vinyl Chloride	ND(10.)	Trichloroethene	ND(5.)
Chloroethane	ND(10.)	Dibromochloromethane	ND(5.)
Methylene Chloride	ND(5.)	1,1,2-Trichloroethane	ND(5.)
Acetone	ND(10.)	Benzene	ND(5.)
Carbon Disulfide	ND(5.)	cis-1,3-Dichloropropene	ND(5.)
1,1-Dichloroethene	ND(5.)	2-Chloroethylvinyl ether	ND(10.)
1,1-Dichloroethane	ND(5.)	Bromoform	ND(5.)
Trans-1,2-Dichloroethene	ND(5.)	4-Methyl-2-Pentanone	ND(10.)
Chloroform	ND(5.)	2-Hexanone	ND(10.)
1,2-Dichloroethane	ND(5.)	Tetrachloroethene	ND(5.)
2-Butanone	ND(10.)	1,1,2,2-Tetrachloroethane	ND(5.)
1,1,1-Trichloroethane	ND(5.)	Toluene	ND(5.)
Carbon Tetrachloride	ND(5.)	Chlorobenzene	ND(5.)
Vinyl Acetate	ND(10.)	Ethylbenzene	ND(5.)
Bromodichloromethane	ND(5.)	Styrene	ND(5.)
		Total Xylenes	ND(5.)

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
MOBILE DIVISION
11631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

Western Enviromental Services
P. O. Box 9806
Long Beach, CA 90810
ATTN: Mr. Dave Aronne

BATCH: D-205
ANALYSES: 418.1

PROJECT: Southwest Trucking, 1500 E. Nelson & California, City of Industry

Enclosed with this letter is the report on the analyses performed on samples D-053188-1/15.

The samples were received by CRL in a chilled state, intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	%R[1] Matrix spike dup.		RPD[2]	
5/31	418.1	Oil/grease	101.	97.	pass	4.	pass

[1] %R – percent recovery
[2] RPD – relative percent difference between MS and MSD recoveries.

Walter Bey
REVIEWED AND APPROVED

6-3-88
DATE

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
MOBILE DIVISION
11631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

LABORATORY REPORT

TO:
Western Environmental Services
P. O. Box 9806
Long Beach, CA 90810
ATTN: Mr. Dave Aronne

ANALYSIS NO.: D-053188-1/15
DATE SAMPLED: 5/31/88
DATE REC'D: 5/31/88
BATCH: D-205
MATRIX: Soil

PROJECT:
Southwest Trucking, 1500 E. Nelson & California, City of Industry

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
B-2A @ 5'	1.	14.
B-2C @ 15'	1.	19.
B-2E @ 25'	1.	13.
B-2F @ 30'	1.	16.
B-2H @ 40'	1.	60.
B-2I @ 45'	1.	18.
B-3B @ 10'	1.	10.
B-3D @ 20'	1.	11.
B-3F @ 30'	1.	5.
B-3H @ 40'	1.	18.

GB

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
MOBILE DIVISION
11631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

Western Enviromental Services
P. O. Box 9806
Long Beach, CA 90810
ATTN: Mr. Dave Aronne

BATCH: N-401
ANALYSES: 418.1

PROJECT: 21216

Enclosed with this letter is the report on the analyses performed on samples N060388-30/33.

The samples were received by CRL in a chilled state, intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	%R[1] Matrix spike dup.		RPD[2]	
6/4	418.1	Oil/grease	104.	105.	pass	1.	pass

[1] %R – percent recovery
[2] RPD – relative percent difference between MS and MSD recoveries.

Walter Beyer
REVIEWED AND APPROVED

6-9-88
DATE

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
MOBILE DIVISION
11631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

LABORATORY REPORT

TO:
Western Environmental Services
P. O. Box 9806
Long Beach, CA 90810
ATTN: Mr. Dave Aronne
PROJECT:
21216

ANALYSIS NO.: N060388-30/33
DATE SAMPLED: 6/1/88
DATE REC'D: 6/3/88
BATCH: N-401
MATRIX: Soil

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
21216 - B3 10	1.	2.
21216 - B3 20	1.	2.
21216 - B3 30	1.	3.
21216 - B3 40	1.	3.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

APPENDIX A3
LABORATORY REPORTS

SOIL - EXCAVATION

Chemical Research Laboratories, Inc.
MOBILE DIVISION
11631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

Western Enviromental Services
P. O. Box 9806
Long Beach, CA 90810
ATTN: Mr. Dave Aronne

BATCH: D-207
ANALYSES: 418.1

PROJECT: 21216-01, 15000 E. California & Nelson, City of Industry

Enclosed with this letter is the report on the analyses performed on samples D-060988-1/6.

The samples were received by CRL in a chilled state, intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	%R[1] Matrix spike dup.		RPD[2]	
6/9	418.1	Oil/grease	113.	108.	pass	5.	pass

[1] %R – percent recovery
[2] RPD – relative percent difference between MS and MSD recoveries.

Walter Bey
REVIEWED AND APPROVED

6-14-88
DATE

GD

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
MOBILE DIVISION
11631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

LABORATORY REPORT

TO:
Western Environmental Services
P. O. Box 9806
Long Beach, CA 90810
ATTN: Mr. Dave Aronne

ANALYSIS NO.: D-060988-1/6
DATE SAMPLED: 6/9/88
DATE REC'D: 6/9/88
BATCH: D-207
MATRIX: Soil

PROJECT:
21216091, 15000 E. California & Nelson, City of Industry

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
SP-10 - 20'BG	1.	421.
SP-11 - 12'BG	1.	4160.
SP-12 - 15'BG WW	1.	11.
SP-13 - 16'BG EW	1.	18.
SP-14 - 16'BG NW	1.	17.
SP-15 - 18'BG CTR	1.	8.

GD

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-6370 • FAX: (714)891-5917 • (800)LAB-1CRL

June 23, 1988

WESTERN ENVIRONMENTAL SERVICES
Post Office Box 9806
Long Beach, CA 90810
ATTN: David Aronne

ANALYSIS NO.: 816902-001
ANALYSES: EPA Method 418.1
DATE SAMPLED: 06/15/88
DATE SAMPLE REC'D: 06/17/88
PROJECT: 21216 Edna

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 816902-001 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Jerel Kimble
REVIEWED

APPROVED

The Report Cover Letter is an integral part of this report.
This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-6370 • FAX: (714)891-5917 • (800)LAB-1CRL

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
Post Office Box 9806
Long Beach, CA 90810
ATTN: David Aronne

ANALYSIS NO.: 816902-001
ANALYSES: EPA Method 418.1
DATE SAMPLED: 06/15/88
DATE SAMPLE REC'D: 06/17/88
DATE ANALYZED: 06/23/88
SAMPLE TYPE: Solid
PROJECT: 21216 Edna

SAMPLE IDENTIFICATION	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS EPA METHOD 418.1 (mg/kg)
21216-HA-1 24' BG	8.

The Report Cover Letter is an integral part of this report.
This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

APPENDIX A4

LABORATORY REPORTS
SOIL - WASTE REMOVAL

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9224

Western Environmental
2113 West 17th Street
Long Beach, CA 90810

Attn: David Arrone

October 7, 1988

LABORATORY REPORT

Samples: Six (6) soil samples from Edna, Inc. Project Number 21216-01, received 9/26/88, analyzed 10/6/88.

Sample ID	EPA 418.1
	----mg/kg----
SP-1	8900
SP-2	4700
SP-3	7100
SP-4	5900
SP-5	3600
SP-6	4500

David Sincerbeaux
Chemist

Curtis B. Jenkins
Laboratory Director

wester10.rep

APPENDIX A5

LABORATORY REPORTS
SOIL - SIEVE ANALYSIS

SMITH-EMERY COMPANY
The Full Service Independent Testing Laboratory, Established 1904

781 East Washington Boulevard
Los Angeles, California 90021
(213) 749-3411
Fax (213) 746-7228

Hunters Point Shipyard Bldg. 114
P.O. Box 88[illegible]
San Francisco, California 94[illegible]
(415) 822-8885
Fax (415) 822-8864

4148 Q East La Palma Avenue
Anaheim, California 92806
(714) 630-4910
Fax (714) 632-1741

February 10, 1989

SECo File No. 18824
SECo Report No. G-89-5149

Western Environmental Services Inc.
2113 West 17th Street
Long Beach, California 90810

Attention: Mr. Kieth Swett

Enclosed is the results of the sieve analysis tests labeled as MW-1 21216 Edna.

If you have any question please call.

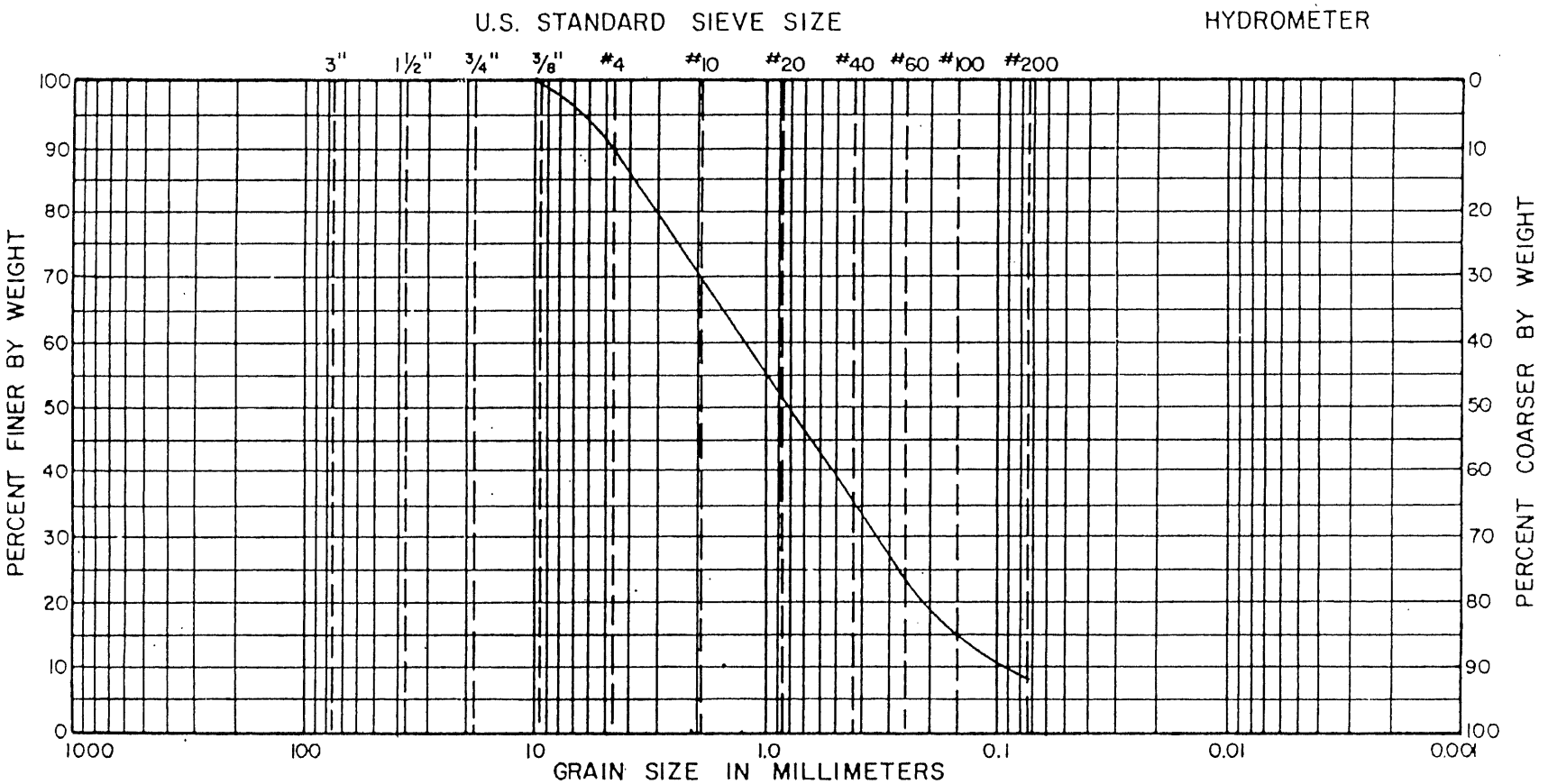
Respectfully submitted,

SMITH - EMERY COMPANY

Lutz Kunze

LUTZ KUNZE, R.G.E. 493
Vice President

DWN. BY: J. CHKD. BY: RH DATE: 2-6-89 PROJECT: Western Environmental Services Inc. FILE: 18824



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

KEY	BORING	DEPTH	CLASSIFICATION
	MW - 1	-	Brown silty fine to coarse SAND (SP/SM)

PLATE

GRAIN SIZE DISTRIBUTION

APPENDIX A6

LABORATORY REPORTS
WELL INSTALLATION

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services		Date Sampled:	02/01/89
2113 West 17th Street		Date Received:	02/02/89
Long Beach, CA 90810		Date Extracted:	02/06/89
		Date Analyzed:	02/07/89
		CEL Batch No.:	89-02-005
Attn: Keith J. Swett			
RE: Edna Incorporated		Method:	EPA 8020

All parameters are reported in mg/kg (ppm).

Sample Type: Soil

	Concentration			Det'n Limit
Sample Number	MW1-05	MW1-10	MW1-15	
Benzene	ND	ND	ND	0.001
Toluene	0.010	0.030	0.010	0.001
Ethylbenzene	ND	0.010	ND	0.001
Chlorobenzene	ND	ND	ND	0.001
Total Xylenes	0.200	0.200	0.200	0.001
1,2-Dichlorobenzene	ND	ND	ND	0.001
1,3-Dichlorobenzene	ND	ND	ND	0.001
1,4-Dichlorobenzene	ND	ND	ND	0.001

Reviewed and Approved H. Alan Hsu on 2/10/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
NA denotes not applicable.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CEL
CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services		Date Sampled:	02/01/89
2113 West 17th Street		Date Received:	02/02/89
Long Beach, CA 90810		Date Extracted:	02/06/89
		Date Analyzed:	02/07/89
		CEL Batch No.:	89-02-005
Attn: Keith J. Swett			
RE: Edna Incorporated		Method:	EPA 8020

All parameters are reported in mg/Kg (ppm).

Sample Type: Soil

	Concentration			Det'n Limit
Sample Number	MW1-20	MW1-25	MW1-32	
Benzene	ND	ND	ND	0.001
Toluene	0.010	0.020	0.020	0.001
Ethylbenzene	ND	0.010	0.010	0.001
Chlorobenzene	ND	ND	ND	0.001
Total Xylenes	0.200	0.220	0.210	0.001
1,2-Dichlorobenzene	ND	ND	ND	0.001
1,3-Dichlorobenzene	ND	ND	ND	0.001
1,4-Dichlorobenzene	ND	ND	ND	0.001

Reviewed and Approved H. Alan Hsu on 2/10/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
NA denotes not applicable.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services	Date Sampled:	02/01/89
2113 West 17th Street	Date Received:	02/02/89
Long Beach, CA 90810	Date Extracted:	02/06/89
	Date Analyzed:	02/07/89
	CEL Batch No.:	89-02-005

Attn: Keith J. Swett
RE: Edna Incorporated — Method: EPA 8020

All parameters are reported in mg/Kg (ppm).

Sample Type: Soil

Sample Number	Concentration MW1-35	MW1-40	MW1-45	Det'n Limit
Benzene	ND	ND	ND	0.001
Toluene	0.020	0.040	0.040	0.001
Ethylbenzene	0.010	ND	0.010	0.001
Chlorobenzene	ND	ND	ND	0.001
Total Xylenes	0.180	0.210	0.210	0.001
1,2-Dichlorobenzene	ND	ND	ND	0.001
1,3-Dichlorobenzene	ND	ND	ND	0.001
1,4-Dichlorobenzene	ND	ND	ND	0.001

Reviewed and Approved H. Alan Hsu on 2/10/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
NA denotes not applicable.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CEL
CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services	Date Sampled:	02/01/89
2113 West 17th Street	Date Received:	02/02/89
Long Beach, CA 90810	Date Extracted:	02/06/89
	Date Analyzed:	02/07/89
	CEL Batch No.:	89-02-005

Attn: Keith J. Swett
RE: Edna Incorporated — Method: EPA 8020

All parameters are reported in mg/kg (ppm).

Sample Type: Soil

	Concentration			Det'n Limit
Sample Number	MW1-50	MW1-55	MW1-60	
Benzene	ND	ND	ND	0.001
Toluene	0.020	0.030	0.030	0.001
Ethylbenzene	0.010	0.010	0.010	0.001
Chlorobenzene	ND	ND	ND	0.001
Total Xylenes	0.170	0.210	0.210	0.001
1,2-Dichlorobenzene	ND	ND	ND	0.001
1,3-Dichlorobenzene	ND	ND	ND	0.001
1,4-Dichlorobenzene	ND	ND	ND	0.001

Reviewed and Approved H. Alan Hsu on 2/10/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
NA denotes not applicable.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services	Date Sampled: 02/01/89
2113 West 17th Street	Date Received: 02/02/89
Long Beach, CA 90810	Date Extracted: 02/02/89
	Date Analyzed: 02/03/89
	CEL Batch No.: 89-02-005
Attn: Keith J. Swett	
RE: Edna Incorporated	Method: EPA 418.1

All parameters are reported in mg/kg (ppm).

Sample Type: Soil

Sample Number	Concentration	Det'n Limit
MW1-05	ND	1
MW1-10	ND	1
MW1-15	ND	1
MW1-20	ND	1
MW1-25	ND	1
MW1-32	ND	1
MW1-35	ND	1

Reviewed and Approved H. Alan Hsu on 2/10/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
NA denotes not applicable.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services	Date Sampled: 02/01/89
2113 West 17th Street	Date Received: 02/02/89
Long Beach, CA 90810	Date Extracted: 02/02/89
	Date Analyzed: 02/03/89
	CEL Batch No.: 89-02-005
Attn: Keith J. Swett	
RE: Edna Incorporated	Method: EPA 418.1

All parameters are reported in mg/Kg (ppm).

Sample Type: Soil

Sample Number	Concentration	Det'n Limit
MW1-40	ND	1
MW1-45	ND	1
MW1-50	ND	1
MW1-55	ND	1
MW1-60	ND	1
MW1-65	ND	1

Reviewed and Approved H. Alan Hsu on 2/10/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
NA denotes not applicable.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

APPENDIX A7

LABORATORY REPORTS
WATER

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services	Date Sampled: 02/01/89
2113 West 17th Street	Date Received: 02/02/89
Long Beach, CA 90810	Date Extracted: 02/02/89
	Date Analyzed: 02/03/89
	CEL Batch No.: 89-02-005
Attn: Keith J. Swett	
RE: Edna Incorporated	Method: EPA 418.1

All parameters are reported in mg/l (ppm).

Sample Type: Water

Sample Number	Concentration	Det'n Limit
MWTW INITIAL	3.6	0.1

Reviewed and Approved H. Alan Hsu on 2/10/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
NA denotes not applicable.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services	Date Sampled: NA
2113 West 17th Street	Date Received: 02/15/89
Long Beach, CA 90810	Date Extracted: NA
	Date Analyzed: 02/15/89
	CEL Batch No.: 89-02-024
Attn: Keith J. Swett	Method: EPA 160.2
RE: EDNA Inc. / 21216	(Suspended Solids)

All parameters are reported in mg/L (ppm).

Sample Number	Concentration	Det'n Limit
WS-1	185	1

Reviewed and Approved H. Alan Hsu on 2/21/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Services	Date Sampled: NA
2113 West 17th Street	Date Received: 02/15/89
Long Beach, CA 90810	Date Extracted: NA
	Date Analyzed: 02/16/89
	CEL Batch No.: 89-02-024
Attn: Keith J. Swett	
RE: EDNA Inc. / 21216	Method: EPA 418.1

All parameters are reported in mg/L (ppm).

Sample Number	Concentration	Det'n Limit
WS-2	1.0	0.1
WS-3	1.0	0.1

Reviewed and Approved H. Alan Hsu on 2/21/1989.

H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ENVIRONMENTAL ANALYTICAL SERVICES

LABORATORY REPORT

Western Environmental Serivces		Date Sampled:	NA
2113 West 17th Street		Date Received:	02/15/89
Long Beach, CA 90810		Date Extracted:	02/17/89
		Date Analyzed:	02/20/89
		CEL Batch No.:	89-02-024
Attn: Keith J. Swett			
RE: EDMA Inc. / 21215		Method:	EPA 602

All concentrations are reported in ug/L (ppb).

	Concentration	Det'n Limit
Sample Number: WS-2		
Benzene	ND	1
Toluene	ND	1
Chlorobenzene	ND	1
Total Xylenes	ND	1
Ethylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Sample Number: WS-3		
Benzene	ND	1
Toluene	ND	1
Chlorobenzene	ND	1
Total Xylenes	ND	1
Ethylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1

Reviewed and Approved H. Alan Hsu on 2/21/1989.
H. Alan Hsu
Laboratory Director

ND denotes not detected at indicated detection limit.
Each sample was received by CEL in a chilled state, intact and with chain-of-custody attached.

11631 SEABOARD CIRCLE, STANTON, CALIFORNIA 90680 • TEL: (714) 895-5494 • FAX: (714) 894-7501

APPENDIX B1

CHAIN OF CUSTODY DOCUMENTS
TANK REMOVAL OPERATIONS

7440 Lincoln Way • Garden Grove, CA 92641
898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

• SANTA MARIA
• BAKERSFIELD
• LOS ANGELES COUNTY
• MOBILE LAB

Date 4/8/88 Page 1 of 2

CLIENT WESTERN ENVIRONMENTAL SERVICES

ADDRESS P.O. Box 9806 LONG BEACH 90810

PROJECT MANAGER DAVE ARONNE

PHONE NUMBER (213) 495-1334

PROJECT NAME EONA, INC. Nelson St, Industry

SAMPLERS: (Signature) Paul Lyamski

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1	TANK 2 North end	4/8	11:50				SOIL	1	418.1
2	TANK 3 Northend		11:55					1	
3	TANK 3 South end		12:10					1	
4	TANK 2 Southend		12:12					1	
5	TANK 1 Westend		12:20					1	
6	TANK 1 East end		12:25					1	
7	UNDERNEATH DISPENSER PAD		12:40					1	

Relinquished by: (Signature) Paul Lyamski — Received by: (Signature) — Date/Time 4/8/88 2:35

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: [signature] — Date/Time 4/08/88 2:35

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work.

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

DISTRIBUTION: White with report, Yellow to CRL, Pink to Source, Gold to Sample Control

7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

Date 4/8/88 Page 2 of 2

CLIENT: WESTERN ENVIRON. SERVICES

ADDRESS: P.O. Box 9806 Long Beach 90810

PROJECT MANAGER: DAVE ARONNE

PHONE NUMBER: (213) 495-1334

PROJECT NAME: EDNA, Inc. City of Industry

SAMPLERS: (Signature) Paul Kyanski

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
8	TANK 4 - North end	4/8	12:55				SOIL	1	418.1
9	TANK 4 - South end	4/8	1:00P				"	1	418.1

Relinquished by: (Signature) Paul Kyanski — Received by: (Signature) — Date/Time 4/8 2:35

Relinquished by: (Signature) — Received by: (Signature) — Date/Tim

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: [signature] — Date/Time 4/8/88 2:35PM

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

APPENDIX B2

CHAIN OF CUSTODY DOCUMENTS
DRILL PROGRAM

CHEMICAL RESEARCH LABORATORIES, INC.
1 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date Dec 1 Page 1 of 1

CLIENT Western Environmental Services
ADDRESS 9806 Long Beach, CA 90810

PROJECT MANAGER David Arenne
PHONE NUMBER 213-445-1334

PROJECT NAME EDNA #21216
15006 East Nelson Street

SAMPLERS: (Signature) David Arenne

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1A	5 feet below sump/ waste oil tank	11-28-87					V	1	E.P.A 8015, E.P.A 8240

Relinquished by: (Signature) David Arenne	Received by: (Signature) [signature]	Date/Time 12/14/87 10:00 AM
Relinquished by: (Signature) [signature]	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	Date/Time
Dispatched by: (Signature) / Date/Time	Received for Laboratory by: [signature]	Date/Time 12/14/87 11:00 AM

Method of Shipment:

Special Instructions:

CHEMICAL RESEARCH LABORATORIES, INC.
1631 Seaboard Circle • Stanton, CA 90680
(714) [illegible]-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

- VENTURA
- SAN [illegible]ARIA
- BAKE[illegible]SFIELD
- L.A. COUNTY
- MOBILE LAB

Date 5/31/88 Page 1 of 5

CLIENT WESTERN ENVIRONMENTAL SERVICES

ADDRESS

PROJECT MANAGER DAVE ATKINSONS

PHONE NUMBER

PROJECT NAME 15000 E. NELSON

SAMPLERS: (Signature) [illegible]

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
5-053165-1	B-2A @ 5'	5/31/88	10:00 AM				X	1	418.1
-2	B-2B @ 10'		10:30						* (NOT ANALIZED)
-3	B-2C @ 15'		10:45						
-4	B-2D @ 20'		10:55						* (NOT ANALYZED)
-5	B-2E @ 25'		11:10						
-6	B-2F @ 30'		11:25						
-7	B-2G @ 35'		11:45						* NOT ANALYZED

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

Relinquished by: (Signature) [illegible] | ~~Received by Mobile Laboratory for field analysis: (Signature)~~ | Date/Time 5/31/88 10:00 AM

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Dispatched by: (Signature) | Date/Time | Received for Laboratory by: | Date/Time

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work

[illegible]

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

CHEMICAL RESEARCH LABORATORIES, INC.
1631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 5/31/88 Page 1 of 3

CLIENT: WESTERN ENV. SVCS.

ADDRESS:

PROJECT MANAGER: DAVE ARDONE

PHONE NUMBER:

PROJECT NAME: 15000 E. NELSON

SAMPLERS: (Signature) David D. Brown

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	(SOLID)	NO. OF CNTNRS	TESTS REQUIRED
5518 8-8	B-2H @ 40'	5/31/88	1215				X	1	418.1
-9	B-2I @ 45'		1245						418.1
-10	B-3A @ 5'		1350						NOT ANALYZED
-11	B-3B @ 10'		14:00						418.1
-12	B-3C @ 15'		1410						NOT ANALYZED
-13	B-3D @ 20'		1420						418.1
-14	B-3F @ 30'		1440						418.1

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

Relinquished by: (Signature) David D. Brown | Received by Mobile Laboratory for field analysis: (Signature) | Date/Time 5/31/88 1215

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Dispatched by: (Signature) | Date/Time | Received for Laboratory by: | Date/Time

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work

David D. Brown

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

11631 Seaboard Circle • Stanton, CA 90680
(714) 893-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

Date 5/31/88 Page 1 of 3

CLIENT: WESTERN ENV. SVCS

ADDRESS:

PROJECT MANAGER: DAVE ARCIONE

PHONE NUMBER:

PROJECT NAME: 15000 E. NELSON

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
053188-15	B-3 H @ 40'	5/31/88	1450				X	1	418.1

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time 5/31/88 1450

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Dispatched by: (Signature)

Date/Time

Received for Laboratory by:

Date/Time

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

CHEMICAL RESEARCH LABORATORIES, INC.

7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 6/1/88 Page 1 of 1

CLIENT: Western Environmental Services, Inc.

ADDRESS: 2113 W 17TH ST. Long Beach 90810

PROJECT MANAGER: D. Aronoff

PHONE NUMBER: 213 495 1334

PROJECT NAME: 21216

SAMPLERS: (Signature) M. Schroeder

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
	21216-B3-10	6/1/88	1028				X	1	418.1
	21216-B3-20		1100				X	1	
	21216-B3-30		1110				X	1	
	21216-B3-40		1140				X	1	

Relinquished by: (Signature) M. Schroeder

Received by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: Renée A. Santoni

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Date/Time

Date/Time 6/3/88 11:01

Date/Time

Date/Time 6/4/88 12:00

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work.

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

APPENDIX B3

CHAIN OF CUSTODY DOCUMENTS
EXCAVATION

1631 Seaboard Circle • Stanton, CA 90680
(714) 0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

• VENTURA
• SANTA MARIA
• BAKERSFIELD
• L.A. COUNTY
• MOBILE LAB

Date 6-9-88 Page 1 of 1

CLIENT: WESTERN ENVIRONMENTAL SERVICES

ADDRESS: PO BOX 4806
LONG BEACH CA 90810

PROJECT MANAGER: DAVE BRONNE

PHONE NUMBER: (213) 495-1334

PROJECT NAME: 21216

SAMPLERS: (Signature) Richard Mata

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
0988-1	SP-10-20'BG	6/9/88	9:45				X	1	418.1
-2	SP-11-12'BG		10:05				X	1	
-3	SP-12-15'BG WW		11:10				X	1	
-4	SP-13-16'BG EW		12:05				X	1	
-5	SP-14-16'BG NW		1230				X	1	
-6	SP-15-18'BG CTR		1245				X	1	

Relinquished by: (Signature) Richard Mata

Received by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time 6/9/88 1:15 pm

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by:

Date/Time

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work

X Richard Mata

SOURCE: Adapted from U.S. EPA, 1985

CCR 100

7440 Lincoln Way • Garden Grove, CA 92641
) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

• SANTA MARIA
• BAKERSFIELD
• LOS ANGELES COUNTY
• MOBILE LAB

Date 6-15-88 Page ___ of 1

CLIENT WES

ADDRESS PO BOX 9806
L.B. CA, 90810

PROJECT MANAGER
DAVE ARONNE

PHONE NUMBER
213-495-1334

PROJECT NAME
21216 EDNA

SAMPLERS: (Signature)
Richard Morton

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
21216-HA-4	25' BG (BELOW GRADE)	6-15-88	5:00 pm				X	1	418.1

Relinquished by: (Signature) Richard Morton — Received by: (Signature) — Date/Time 6/17

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved ___ by ___
2. Lab Disposal ___ by ___
3. Store for ___ days. by ___
4. Other ___ by ___

Dispatched by: ~~(Signature)~~ — Date/Time — Received for Laboratory by: [signature] — Date/Time 6/17/88 9:05 am

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work

Richard Morton

SOURCE Adapted from U.S. EPA, 1985

CCR-100

DISTRIBUTION: White with report, Yellow to CRL, Pink to Courier, Gold to Sample Control

APPENDIX A4

CHAIN OF CUSTODY DOCUMENTS
WASTE REMOVAL

Fo[illegible]in Valley, California 92708
Te[illegible]one: (714) 848-0807

Date: [illegible] Pa[illegible] of [illegible]

Project Name & Address: Edna, Inc 15010 Nelson St Industry, Ca.
21216-01

Samplers (signature): [illegible]

Sample #	Date	Time	Location	416.1							Number of Containers	Remarks
SP1	9-23-88	1420	treatment bed	✓							✓	
SP2	↓	1430	↓	✓							✓	
SP3		1442		✓							✓	
SP4		1455		✓							✓	
SP5		1457		✓							✓	
SP6		1510		✓							✓	

Analysis Requested

1) Relinquished By: (signature) [illegible]	Date: 9/28/88	2) Received By: (signature) [illegible]	Date:
Company:	Time:	Company:	Time:
3) Relinquished By: (signature)	Date:	4) Received By: (laboratory)	Date:
Company:	Time:	Company:	Time:

Total Number of Containers

Special Instructions:

APPENDIX B5

CHAIN OF CUSTODY DOCUMENTS
WELL INSTALLATION

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
11631 SEABOARD CIRCLE
STANTON, CA 90680
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 2-2-89

Page 1 of 2

CLIENT: Western Environmental Services

ADDRESS: 2113 West 17th St.

CITY: Long Beach STATE: CA ZIP: 90810

TEL: 213-495-1334 FAX:

PROJECT NAME / NUMBER: Edna Incorporated / ~~21676~~ 21216

PROJECT MANAGER: Keith J. Swett

SAMPLERS: (SIGNATURE)

SAMPLE NUMBER	LOCATION DESCRIPTION	SAMPLING DATE	SAMPLING TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR Comp.	AIR Grab.	SOLID/SOIL	NO. OF CONTAINERS	TESTS REQUIRED
MW1-05	Monitoring Well 1	2-1-89	8:30am					soil	1	418.1, 8020
MW1-10	"							"	1	418.1, 8020
MW1-15	"							"	1	418.1, 8020
MW1-20	"							"	1	418.1, 8020
MW1-25	"							"	1	418.1, 8020
MW1-32	"							"	1	418.1, 8020
MW1-35	"							"	1	418.1, 8020
MW1-40	"							"	1	418.1, 8020
MW1-45	"							"	1	418.1, 8020
MW1-50	"		12 noon					"	1	418.1, 8020

Relinquished by: (Signature)	Received by: (Signature)	Date: 2-2-89	Time: 8:[illegible]
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Dispatched to Laboratory by: (Signature) / Date:	Time: / Received for Laboratory by:	Date: 2-2-89	Time: 1:20
Shipment Method:	After Analysis, Samples to be: [ ] Disposed of [X] Saved for Storage (90 days max.)		

Special Instructions:

CALSCIEN ENVIRONMENTAL LABORATORIES, INC.
11631 SEABOARD CIRCLE
STANTON, CA 90680
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 2-2-89

CLIENT: Western Environmental Services

ADDRESS: 2113 West 17th St

CITY: Long Beach STATE: CA ZIP: 90810

TEL: 213-495-1334 FAX:

PROJECT NAME / NUMBER: Edna Incorporated / 21216

PROJECT MANAGER: Keith J. Swett

SAMPLERS: (SIGNATURE)

SAMPLE NUMBER	LOCATION DESCRIPTION	SAMPLING DATE	SAMPLING TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR Comp.	SAMPLE TYPE AIR Grab.	SOLID/ SOIL	NO. OF CONTAINERS	TESTS REQUIRED
MW1-55	Monitoring Well 1	2-1-89	12:30pm					Soil	1	418.1, 8020
MW1-60	"	"	↓					"	1	418.1, 8020
MW1-65	"	"	1:00pm					"	1	418.1, 8020
MW1 Initial	"	"	6:00pm		✓				1	418.1, 602

Relinquished by: (Signature)	Received by: (Signature)	Date: 2-2-89	Time: 8:00
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Dispatched to Laboratory by: (Signature) / Date:	Time: / Received for Laboratory by:	Date: 2-2-89	Time: 1800
Shipment Method:	After Analysis, Samples to be: [ ] Disposed of [X] Saved for Storage (90 days max.)		

Special Instructions:

DISTRIBUTION: White with report, Yellow to CEL, Pink to Courier

SOURCE: Adapted from U.S. EPA 1985

APPENDIX B6

CHAIN OF CUSTODY DOCUMENTS
WATER

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
11631 SEABOARD CIRCLE
STANTON, CA 90680
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 2-14-89

Page 1 of 1

CLIENT: Western Environmental Services

ADDRESS: 2113 West 17th St.

CITY: Long Beach STATE: CA ZIP: 90810

TEL: 213-495-1334 FAX: 213-495-3138

PROJECT NAME / NUMBER: EDWA Inc. / 21216

PROJECT MANAGER: Keith J. Swett

SAMPLERS: (SIGNATURE)

SAMPLE NUMBER	LOCATION DESCRIPTION	SAMPLING DATE	SAMPLING TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR Comp.	SAMPLE TYPE AIR Grab.	SOLID/ SOIL	NO. OF CONTAINERS	TESTS REQUIRED
WS-1	64 FT, MW-1				✓				1	160.2 (suspended solids)
WS-2	64 FT, MW-1				✓				1	418.1, 602
WS-3	74 FT, MW-1				✓				1	418.1, 602

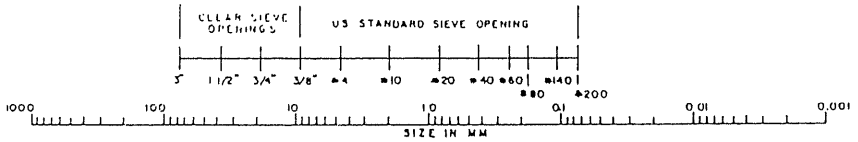
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/15/89	Time: 11:30
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Dispatched to Laboratory by: (Signature) / Date:	Time: / Received for Laboratory by:	Date: 2/15/89	Time: 11:30
Shipment Method:	After Analysis, Samples to be: Disposed of / Saved for Storage (90 days max.)		
Special Instructions:			

SOURCE: Adapted from U.S. EPA 1985

APPENDIX C

BORING LOGS

USCS CLASSIFICATION OF COARSE GRAINED MATERIALS

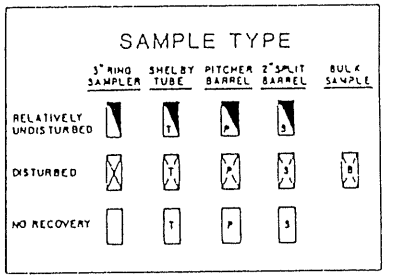


USCS CLASSIFICATION FOR SOILS

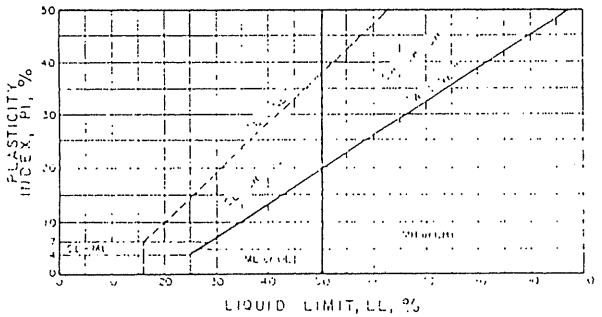
ABBREVIATIONS FOR LABORATORY TESTS.

COMP — COMPACTION TEST
PI — ATTERBERG LIMITS
SA — SIEVE ANALYSIS
MA — MECHANICAL ANALYSIS
HYD — HYDROMETER ANALYSIS
CONS — CONSOLIDATION TEST

SAMPLE TYPE



USCS CLASSIFICATION OF FINE GRAINED MATERIALS



DENSITY OF GRANULAR SOILS

DESIGNATION	SPT BLOWS PER FOOT
VERY LOOSE	0 — 4
LOOSE	5 — 10
MEDIUM DENSITY	11 — 30
DENSE	31 — 50
VERY DENSE	OVER 50

CONSISTENCY OF COHESIVE SOIL

CONSISTENCY	FIELD IDENTIFICATION	UNCONFINED COMPRESSIVE STRENGTH qu (TONS/SQ.FT.)
VERY SOFT	EASILY PENETRATED SEVERAL INCHES BY FIST	LESS THAN 0.25
SOFT	EASILY PENETRATED SEVERAL INCHES BY THUMB	0.25 — 0.5
MEDIUM STIFF	PENETRATED SEVERAL INCHES BY THUMB WITH MODERATE PRESSURE	0.5 — 1.0
STIFF	READILY INDENTED BY THUMB BUT PENETRATED WITH GREAT EFFORT	1.0 — 2.0
VERY STIFF	READILY INDENTED BY THUMBNAIL	2.0 — 4.0
HARD	INDENTED WITH DIFFICULTY BY THUMBNAIL	OVER 4.0

UNIFIED SOIL CLASSIFICATION SYSTEM (USCS)

MAJOR DIVISIONS			CAPITAL SYMBOLS	GRAPHIC SYMBOLS	TYPICAL NAMES
COARSE-GRAINED SOILS MORE THAN 50% RETAINED ON NO. 200 SIEVE*	GRAVELS * 50% or More of Coarse Fraction Retained on No. 4 Sieve	CLEAN GRAVELS	GW		Well-graded gravels and gravel-sand mixtures, little or no fines
			GP		Poorly graded gravels and gravel-sand mixtures, little or no fines
		GRAVELS WITH FINES	GM		Silty gravels, gravel-sand-silt mixtures
			GC		Clayey gravels, gravel-sand-clay mixtures
	SANDS More Than 50% of Coarse Fraction Passes No. 4 Sieve	CLEAN SANDS	SW		Well-graded sands and gravelly sands, little or no fines
			SP		Poorly graded sands and gravelly sands, little or no fines
		SANDS WITH FINES	SM		Silty sands, sand-silt mixtures
			SC		Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS 50% OR MORE PASSES NO. 200 SIEVE*	SILTS AND CLAYS Liquid Limit 50% or Less		ML		Inorganic silts, very fine sands, rock flour, silty or clayey fine sands
			CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL		Organic silts or organic clays of low plasticity
	SILTS AND CLAYS Liquid Limit Greater Than 50%		MH		Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts
			CH		Inorganic clays of high plasticity, fat clay
			OH		Organic clays or organic silts of medium to high plasticity
HIGHLY ORGANIC SOILS			PT		Peat, muck and other highly organic soils

* BASED ON THE MATERIAL PASSING THE 3-INCH (75-mm) SIEVE.
REFERENCE: ASTM STANDARD D2487

NOTES:

(1) UPPER CASE USED FOR LABORATORY VERIFIED USCS CLASSIFICATIONS.

(2) LOWER CASE USED FOR FIELD USCS CLASSIFICATIONS.

(3) DUAL USCS SYMBOL, SUCH AS (SP-SM) DENOTES 5 TO 12% OF MINOR CONSTITUENT.

(4) HYPHEN (-) SYMBOL, SUCH AS (CL/CH) DENOTES SOIL HAVING PROPERTIES THAT DO NOT DISTINCTLY PLACE THE SOIL IN A SPECIFIC GROUP.

(5) SUBSURFACE INFORMATION FROM BORING AND TEST PIT LOGS REPRESENT CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS AT THESE LOCATIONS. ALSO THE CONDITIONS AT THESE LOCATIONS MAY CHANGE WITH TIME.

(6) BLOW COUNTS ON LOGS ARE THE NUMBER OF BLOWS TO DRIVE THE SAMPLER 12 INCHES WITH A 140 POUND HAMMER FALLING 30 INCHES.

GROUND WATER FIRST ENCOUNTERED

I.E.N.E. WATER LEVEL AND DATE MEASURED

LEGEND FOR LOG OF BORINGS AND TEST PITS

DRAWING NUMBER

CHECKED BY

APPROVED BY

DATE

122293

Do Not Scale This Drawing

BORING NO. MW1

SHEET 1 OF 2

FIELD ENGINEER K. Swett
EDITED BY D. Aronne
CHECKED BY P. Lipinski

DATE BEGAN 2-1-89
DATE FINISHED 2-1-89
GROUND SURFACE EL. NA
CASING ELEVATION NA

DEPTH IN FEET	WELL DETAILS/ BACKFILL	PENETRATION RESISTANCE (BLOWS PER FOOT)	SAMPLE	U.S.C.S.	PROFILE	DESCRIPTION	
0				cl		Dark Brown, Fine, Sandy, CLAY, Medium Stiff, Moist No Hydrocarbon Odor, Logged from Auger Cuttings, (OVA Reading – ND)	5'
		19	◥	cl		Dark Brown, Fine, Sandy, CLAY, Medium Stiff, Moist No Hydrocarbon Odor, Logged from Split Spoon Sampler (OVA Reading – ND)	10'
10		20	◥	cl		Dark Brown, Fine, Sandy, CLAY, Medium Stiff, Moist No Hydrocarbon Odor, Logged from Split Spoon Sampler (OVA Reading – ND)	15'
		18	◥	sc		Brown, CLAY and SAND, Fine Grained, Medium Stiff, Moist No Hydrocarbon Odor, Logged from Split Spoon Sampler (OVA Reading – ND)	20'
20		14	◥	sc		Brown, CLAY and SAND, Fine Grained, Medium Stiff, Moist No Hydrocarbon Odor, Logged from Split Spoon Sampler (OVA Reading – ND)	25'
		38	◥	sc		Brown, CLAY and SAND, Fine Grained, Stiff, Moist No Hydrocarbon Odor, Logged from Split Spoon Sampler (OVA Reading – ND)	32'
30		24	◥	sc		Brown, Clayey, SAND, Fine to Coarse Grained, Some Small Gravel Medium Dense, Slightly Moist, (OVA Reading – ND)	35'
		18	◥	cl		Olive, Fine to Medium Sandy, CLAY, Medium Stiff No Hydrocarbon Odor, Logged from Split Spoon Sampler (OVA Reading – ND)	40'
40		31	◥	sc		Brown, Clayey, SAND, Fine to Coarse Grained, Some Small Gravel Dense, Slightly Moist, No Hydrocarbon Odor, Logged from Split Spoon Sampler, (OVA Reading – ND)	45'
		53	◥	sm		Olive to Reddish Brown, SAND, Fine Grained, Some Clay, Mottled Very Dense, Moist, No Hydrocarbon Odor, Logged from Split Spoon Sampler, (OVA Reading – ND)	50'
50							

CLIENT Edna Incorporated
PROJECT NO. 21216
LOCATION 15006 Nelson Avenue

BORING NO. MW1

SHEET 2 OF 2

FIELD ENGINEER K. Swett
EDITED BY D. Aronne
CHECKED BY P. Lipinski

DATE BEGAN 2-1-89
DATE FINISHED 2-1-89
GROUND SURFACE EL. NA
CASING ELEVATION NA

DEPTH IN FEET	WELL DETAILS/ BACKFILL	PENETRATION RESISTANCE (BLOWS PER FOOT)	SAMPLE	U.S.C.S.	PROFILE	DESCRIPTION	
50		55		sc		Olive to Reddish Brown, SAND, Fine Grained, Trace Clay and Silt, Mottled, Very Dense, No Hydrocarbon Odor, Logged from Split Spoon Sampler, (OVA Reading – ND)	55'
55		56		sm		Brown to Light Gray, SAND, Fine Grained, Some Clay and Silt Mottled, Very Dense, Moist, No Hydrocarbon Odor, Logged from Split Spoon Sampler, (OVA Reading – ND)	60'
60		42		sm		Brown, SAND, Fine Grained, Some Clay and Silt, Dense Very Moist, No Hydrocarbon Odor, Logged from Split Spoon Sampler, (OVA Reading – ND)	65'
65		35		sm		Brown, SAND, Fine to Coarse Grained, Some Clay and Silt Dense, Very Moist, No Hydrocarbon Odor, Logged from Split Spoon Sampler, (OVA Reading – ND)	84'
70							
75							
80							
85		17		sm		Brown, SAND, Fine to Coarse Grained, (OVA Reading – ND)	85'

TOTAL DEPTH = 85 FEET

Edna Incorporated
ROJECT NO. 21216
OCATION 15006 Nelson Avenue

APPENDIX D1

MANIFESTS - TANK REMOVAL OPERATIONS

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 02248

TANK DISPOSAL FORM

Date: 4-6 ,19 88
Job #
P.O. #

CONTRACTOR: Rudy's service
ADDRESS: 2017 Seaman Av. S. El Monte, CA 91733
JOB SITE: Edna Corp.
ADDRESS: 15000 E. Nelson Av. Industry, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
4-8-88	10:30	1-5,000 1-4,000 1-3,000 1-7,000	Ron Moff	4

SPECIAL INSTRUCTIONS:
Time In: 10:30
Time out: 12:00

COMMODITY (SPECIFY)

✓	Services Rendered	Cost
✓	Disposal Fee	100.00
	Extensive Loading Time	150.00
	Disposal Fee with Permit	250.00
	Fiberglass Tank Disposal Fee Per Tank	200.00
	Cancellation Fee	250.00
	Other Specify	
	TOTAL CHARGES	$ 100.00

All fees incurred are per load unless specified.
Terms are net 30 days from date of invoice.

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.15	
	500	☐	☐	.22	
	550	☐	☐	.25	
	1000 - 12ft.	☐	☐	.46	
	1000 - 6ft.	☐	☐	.63	
	1500	☐	☐	.90	
	2000	☐	☐	1.00	
	2500	☐	☐	1.18	
	3000	☐	☐	1.36	1.64
2	4000	☐	☐	~~1.70~~	1.64
1	5000	☐	☐	~~2.50~~	2.42
	6000	☐	☐	2.92	
	7500	☐	☐	3.36	
	8000	☐	☐	3.55	
	9000	☐	☐	3.94	
	10000	☐	☐	4.47	

NO. OF TANKS: 3 TOTAL NET TONS: 5.70

*F = FIBERGLASS *S = STEEL 105

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

M. Lewell — AUTHORIZED REP.

GENERATOR COPY

4-8-88 — DATE

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 02294

TANK DISPOSAL FORM

Date: 4-8 ,19 88
Job #
P.O. #

CONTRACTOR: Rudy's Service
ADDRESS: 2017 Seamans Av. S. El Monte, CA 91733
JOB SITE: Edna Corp
ADDRESS: 15000 E. Nelson Av. Industry, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.

SPECIAL INSTRUCTIONS:

COMMODITY (SPECIFY)

✓	Services Rendered	Cost
___	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
___	Other Specify Delivered	

TOTAL CHARGES $ 0

All fees incurred are per load unless specified.
Terms are net 30 days from date of invoice.

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.15	
	500	☐	☐	.22	
	550	☐	☐	.25	
	1000 - 12ft.	☐	☐	.46	
	1000 - 6ft.	☐	☐	.63	
	1500	☐	☐	.90	
1	2000	☐	☑	~~1.00~~	.97
	2500	☐	☐	1.18	
	3000	☐	☐	1.36	
	4000	☐	☐	1.70	
	5000	☐	☐	2.50	
	6000	☐	☐	2.92	
	7500	☐	☐	3.36	
	8000	☐	☐	3.55	
	9000	☐	☐	3.94	
	10000	☐	☐	4.47	

NO. OF TANKS: 1 TOTAL NET TONS: .97

*F = FIBERGLASS *S = STEEL 105

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP. OFFICE COPY DATE 4-8-88

FORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C D0007518815 Manifest Document No. 00000

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: 87983506

B. State Generator's ID

C. State Transporter's ID: 90768S

D. Transporter's Phone: (714) 625-6645

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

3. Generator's Name and Mailing Address
Dooley Forst
15000 E. Nelson Industry, CA

4. Generator's Phone (818) 443-0181

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
P.R.C.
1835 E. 29th
Signal Hill, CA 90806
10. US EPA ID Number: CAT080011058

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Combustible Liquid NOS Combustible Liquid NA1993	001	TT	01400	G	State 221 / EPA/Other CA only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.A: Diesel 8 %
Oil 2 %
Water 90 %

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and Goggles

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: Mack Alexandona
Signature: Mack Alexandona
Month Day Year: 04 07 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Tom Anderson
Signature
Month Day Year: 04 07 8

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-86) Previous editions are obsolete.

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95802

INSTRUCTIONS ON THE BACK

APPENDIX D2

MANIFESTS - HAZARDOUS WASTE REMOVAL

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12) typewriter). Instructions on the D

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000975885 | Manifest Document No. 00005

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Edna, Inc.
P.O. Box 3922
City of Industry, CA 91744
SITE: 15006 Nelson Ave.
City of Industry, CA 91744

4. Generator's Phone (818)336-6789

A. State Manifest Document Number 88547181

B. State Generator's ID

5. Transporter 1 Company Name: Ward-Barker, Inc.
6. US EPA ID Number: CAD981577177

C. State Transporter's ID

D. Transporter's Phone (213)595-0959

7. Transporter 2 Company Name: LUTTEL TRUCKING
8. US EPA ID Number: CAD018300369

E. State Transporter's ID 904062463

F. Transporter's Phone (805)834-5986

9. Designated Facility Name and Site Address
Petroleum Waste Inc.
Low Kern Road
Buttonwillow, CA 93206
10. US EPA ID Number: CAD980675276

G. State Facility's ID CAD980675276

H. Facility's Phone 805-325-5355 762-7341

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste Only (Contaminated Soil)	002	DT	00018	Y	State 611 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Soil contaminated with Petroleum Hydrocarbons <=8900PPM

K. Handling Codes for Wastes Listed Above
a. 06
b.
c.
d.

15. Special Handling Instructions and Additional Information
Avoid prolonged contact, wear proper protective clothing
WASTE STREAM D-233

16.
GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Francis Richards | Signature: Bernard A. DeKay (REP) | Month Day Year 1/10/1988

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: B.A. DEKAY JR. | Signature: B.A. DeKay Jr. | Month Day Year 1/10/1988

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard Grimm | Signature: Richard Grimm | Month Day Year 1/10/1988

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: V. PARD | Signature: V. Pard | Month Day Year 1/10/1988

Do Not Write Below This Line

S 8022 A (1/88)
A 8700—22
(Rev. 9-86) Previous editions are obsolete.

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DA
To: P.O. Box 3000, Sacramento, CA 95812

Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12 ... n typewriter).

Instructions on the B...

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC000975885 | Manifest Document No.: 00006

Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Edna, Inc.
P.O. Box 3922
City of Industry, CA 91744
SITE: 15006 Nelson Ave.
Sity of Industry, CA 91744

4. Generator's Phone (818)336-6789

A. State Manifest Document Number: 88547182

B. State Generator's ID

5. Transporter 1 Company Name: Ward-Barker, Inc.
6. US EPA ID Number: CAD981157177

C. State Transporter's ID

D. Transporter's Phone (213)595-0959

7. Transporter 2 Company Name: LUTREL TRUCKING
8. US EPA ID Number: CAD981301936919

E. State Transporter's ID 904067468

F. Transporter's Phone (805)834-5986

9. Designated Facility Name and Site Address
Petroleum Waste Inc.
Low Kern Road
Buttonwillow, CA 93206
10. US EPA ID Number: CAD981675276

G. State Facility's ID CAD981675276

H. Facility's Phone 805-325-5355 762-7341

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste Only (Contaminated Soil)	002	DT	00018	Y	State 611 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Soil contaminated with Petroleum Hydrocarbons <=8900PPM

K. Handling Codes for Wastes Listed Above
a. 06. b. c. d.

15. Special Handling Instructions and Additional Information
Avoid prolonged contact, wear proper protective clothing
WASTE STREAM D-233

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: FRANCIS RICHARDS — Signature: [signature] — Month Day Year: 1 10 1988

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: B.A. DEKAYLE — Signature: [signature] — Month Day Year: 1 10 1988

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: RON SINCLAIR — Signature: [signature] — Month Day Year: 1 10 1988

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: V. PAZO — Signature: [signature] — Month Day Year: 1 10 1988

Do Not Write Below This Line

8022 A (1/88)
8700—22
(9-86) Previous editions are obsolete.

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12 ch typewriter).

Instructions on the r

Department of Health Services
Toxic Substances Control Divisio
Sacramento, Californ

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000997885 — Manifest Document No. 00007
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Edna, Inc.
P.O. Box 3922
City of Industry, CA 91744
SITE: 15006 Nelson Ave.
City of Industry, CA 91744
4. Generator's Phone (818)336-6789

A. State Manifest Document Number 88547183
B. State Generator's ID

5. Transporter 1 Company Name: Ward-Barker, Inc.
6. US EPA ID Number: CAD981171117
C. State Transporter's ID
D. Transporter's Phone (213)595-0959
7. Transporter 2 Company Name: KUTREL TRUCKING
8. US EPA ID Number: CAD981301316199
E. State Transporter's ID 904843
F. Transporter's Phone (805)834-5986
9. Designated Facility Name and Site Address
Petroleum Waste Inc.
Low Kern Road
Buttonwillow, CA 93206
10. US EPA ID Number: CAD981806175276
G. State Facility's ID CAD981806175276
H. Facility's Phone ~~805-325-5335~~ 762-7341

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste Only (Contaminated Soil)	001	DT	000016	Y	State 611 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Soil contaminated with Petroleum Hydrocarbons <=8900PPM

K. Handling Codes for Wastes Listed Above
a. 03 b. c. d.

15. Special Handling Instructions and Additional Information
Avoid prolonged contact, wear proper protective clothing
WASTE STREAM D-233

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: FRANCIS RICHARDS — Signature: [signature] — Month Day Year: 1 0 1 9 8 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Francis Richards
Printed/Typed Name: B. A. DEKAY JR — Signature: [signature] — Month Day Year: 1 0 1 9 8 8

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: William P. Bridges — Signature: [signature] — Month Day Year: 1 0 1 9 8 8

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year: 1 0 1 9 8 8

Do Not Write Below This Line

8022 A (1/88)
8700—22
(9-88) Previous editions are obsolete.

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DA
To: P.O. Box 3000, Sacramento, CA 95812

State of California—Health and Welfare Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-88)
Please print or type (Form designed for use on elite (12 typewriter)

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAC000075885
Manifest Document No.: 11125

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Edna, Inc. Site: 15006 Nelson Avenue
P.O. Box 3922 Industry, Ca 91744

4. Generator's Phone (818) 336 6789, Industry, California

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name: WARD-BARKER INC.
6. US EPA ID Number: CAD981577177

C. State Transporter's ID: 907895
D. Transporter's Phone: (213) 595 0959

7. Transporter 2 Company Name: Casmalia Resources
8. US EPA ID Number: CAD981821145

E. State Transporter's ID: 409287
F. Transporter's Phone: 805-937-8449

9. Designated Facility Name and Site Address
CASMALIA RESOURCES
P.O.Box E, NTU Road
Casmalia, Ca 93429

10. US EPA ID Number: CAD020748125

G. State Facility's ID

H. Facility's Phone: (805) 937 8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous Waste Solids, N.O.S. ORM-E N.A. 9189	002	DM	1000	P	State 352; EPA/Other NONE
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
55 gal. drums (overpacked) containing unspecified waste.

See attached Analytical

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
Avoid prolonged contact, wear proper protective clothing.

16.
GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Francis Richards
Signature: [signature]
Month Day Year: 11 21 88

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bennie Barker, Jr.
Signature: [signature]
Month Day Year: 11 21 88

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Paul Leahy
Signature: [signature]
Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: #111023-10 SC 12 Casmalia Resources
Signature: [signature]
Month Day Year: 11 28 88

GENERATOR
TRANSPORTER
FACILITY

Do Not Write Below This Line

8022 A (1/88)
8700-22
(9-88) Previous editions are obsolete.

'PLICATION FOR WELL PERMIT

/IRONMENTAL MANAGEMENT - 2615 S. GRAND AVENUE, LOS ANGELES, CA 90007, ROOM 604

UNTY OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES

DATE: 1-31-89

TYPE OF PERMIT (CHECK)

- [X] NEW WELL CONSTRUCTION
- [ ] RECONSTRUCTION OR RENOVATION
- [ ] DESTRUCTION

TYPE OF WELL

- [ ] PRIVATE DOMESTIC
- [ ] PUBLIC DOMESTIC
- [ ] IRRIGATION
- [X] OBSERVATION/MONITORING
- [ ] CATHODIC
- [ ] INDUSTRIAL
- [ ] GRAVEL PACK
- [ ] TEST

TYPE OF CASING: 4" sch 40 PVC

METHOD OF SEALING OF CASING: 3 to 5 FT Bentonite pellet seal, Bentonite/Cement grout to surface

METHOD OF DESTRUCTION:

ADDRESS (NUMBER, STREET AND NEAREST INTERSECTION): 15006 Nelson Avenue (Nelson Ave and Baldwin Park Blvd)

CITY: City of Industry

DIAGRAM (SHOW PROPERTY LINES, STREET, ADDRESS, WELL SITE, SEWERS, AND PRIVATE SEWAGE DISPOSAL SYSTEMS ALONG WITH LABELS AND DIMENSIONS)

See attached plot plan

NAME OF WELL DRILLER (PRINT): Westech Environmental Drilling Inc.

TRADE NAME: same

BUSINESS ADDRESS: 2113 West 17th St.

CITY: Long Beach

NAME OF WELL OWNER (PRINT): Edna Incorporated

MAILING ADDRESS: 15006 Nelson Avenue

CITY: City of Industry

I hereby agree to comply in every respect with all regulations of the County Preventive/Public Health Services and with all ordinances and laws of the County of Los Angeles and of the State of California pertaining to well construction, reconstruction and destruction. Upon completion of well and within ten days thereafter, I will furnish the County Preventive/Public Health Services with a complete log of the well, giving date drilled, depth of well, all perforations in casing, and any other data deemed necessary by such County Preventive/Public Health Services.

Applicant's Signature

DISPOSITION OF APPLICATION: (For Sanitarians Use Only)

- [X] APPROVED
- [ ] DENIED
- [ ] APPROVED WITH CONDITIONS

If denied or approved with conditions, report reason or conditions here:

DATE: 2/7/89 SANITARIAN:

DATE: 2-8-89 SECTION CHIEF:

When signed by Section Chief, this application is a permit.

76A668 (REV. 12-84)
H-13 - PS 1-86

(APPLICANT)

REFERENCES

Yerkes, R.F., and others, 1965, Geology of the Los Angeles Basin, California - an Introduction: U.S. Geol.Survey Prof. Paper 420-A, p. 45-46.