Geo-Environmental Technology

260 Cristich Lane
Campbell, CA 95008
(408)559-1220

June 15, 1989

Mr. John Tounger
DiSalvo Trucking
660 Mariposa Street
San Francisco, California 94107

Subject: **PRELIMINARY INVESTIGATION**
4919 Tidewater Ave.
Oakland, California 94612

Dear Mr. Tounger:

GEO-ENVIRONMENTAL TECHNOLOGY is presenting to you the results of a preliminary investigation of the subject property located at 4919 Tidewater Avenue in Oakland, California. The technical report presenting the results of the investigation is included with this letter. The report describes the areas of diesel fuel contamination remaining on the subject property. Excavation and examination of a remote fuel line appears to suggest that the remote fuel dispenser system of product lines and hydrants was corroded in several areas releasing diesel fuel onto the surface of the shallow groundwater. Areas of diesel contamination were discovered adjacent to the product lines.

Research into a previous groundwater investigation adjacent to the DiSalvo Trucking site on the PG & E property suggests that the groundwater is moving northeastward at a slow rate. Diesel contamination of the groundwater exists along the western margin of the PG & E site. Recommendations are included in the report for migration control and additional groundwater investigation. Feel free to call at 408-559-1220 about any questions you have with the results or recommendations of this report.

Respectfully submitted,
GEO-ENVIRONMENTAL TECHNOLOGY

Stuart Solomon
Principal

TECHNICAL REPORT

PRELIMINARY INVESTIGATION

DISALVO TRUCKING
4919 TIDEWATER AVENUE
OAKLAND, CALIFORNIA

June 15, 1989

Prepared by:

GEO-ENVIRONMENTAL TECHNOLOGY
260 Cristich Lane
Campbell, California 95008

TECHNICAL REPORT

PRELIMINARY INVESTIGATION

DISALVO TRUCKING
4919 TIDEWATER AVENUE
OAKLAND, CALIFORNIA

INTRODUCTION

During the removal of four underground fuel storage tanks from the DiSalvo Trucking property located at 4919 Tidewater Avenue in Oakland, California, diesel fuel contaminated soil and groundwater was encountered. The purpose of this investigation was to further define the lateral extent of the contamination. The scope of the work included: a limited geophysical survey; additional excavation limit sampling along the northern end of the former tank excavation; nineteen hand-augured soil borings; the collection of eleven soil samples for laboratory analysis; the collection of one water grab sample for laboratory analysis; the removal and inspectio*n of approximately 150 feet of remote product line; and the preparation of this report stating the procedures and results of the investigation.

SITE HISTORY AND BACKGROUND

The site is located in an industrialized area of Oakland, California near the intersection of Tidewater Avenue and Lessor Street (see plate 1, Vicinity Map). The site is nearly flat and almost completely covered with an asphalt-concrete surface. Light industrial business is located adjacent to the site on the north, west, and east boundaries. San Leandro Bay is situated immediately adjacent to the site on the south. It was reported to G.E.T. that DiSalvo Trucking built the trucking facility in 1968 with additions to the plaza in 1975. Undocumented reports indicate that the site had been previously used as a sawmill-lumber yard and a housing subdivision.

It was reported to G.E.T. that three underground tanks had been installed in 1968. The tanks were used continuously until March of 1989. A buried fourth tank was discovered during the excavation of contaminated soil on March 23, 1989. The history and last usage of the discovered fourth tank is unknown. The underground tanks removed from the property were of the following estimated capacities: Tank 1 was an approximately 10,000 gallon, metal tank. Tank 2 was an approximately 5,000 gallon, metal tank. Both tank 1 and 2 were used to store diesel fuel. Tank 3 was an approximately 280 gallon, metal tank used to store waste crankcase oil. Tank 4 (the discovered tank) was an approximately 550 gallon, metal tank apparently used to store petroleum fuel.?

What's this mean

Also installed in 1968 was a remote dispenser system for diesel fuel. The system consisted of four remote hydrants in two separate lines on each side of the truck plaza. Two pressurized, single-wall, 2" metal product lines were connected to the red jacket pump on the 10,000 gallon diesel tank. The 2" product line was connected to the first remote hydrant on each side of the building. A 1-1/2", single-wall, metal product line connected the first remote hydrant to the second remote hydrant in each line. The lines were located approximately 24" below grade in native soil backfill. A portable cart containing a dispenser and related hoses was employed to fuel trucks from the remote hydrants.

INITIAL TANK SAMPLING AND LABORATORY ANALYSIS

On March 16, 1989, G.E.T. recovered three soil samples from beneath the former locations of tanks 1, 2 & 3 during the removal and disposal of the tanks. One sample was recovered from beneath the east end of the 10,000 gallon tank (designated as DST-1), one sample from the west end of the 5,000 gallon tank (designated as DST-2), and one from beneath the center of the 550 gallon waste oil tank (designated DST-3). The samples were recovered two feet below the bottom of the former tanks.

On March 27, 1989, one soil sample (designated as sample DST-1) was recovered from beneath the center of the former location of the discovered 550 gallon tank number 4 during the removal and disposal of the tank. The sample was collected from two feet below the bottom of the tank.

The sample results indicate that there was no detectable BTXE in the samples. Sample DST-1, taken at a depth of 9 feet below grade at the northeast side of tank 1, had 240 parts per million (ppm) of TPH as diesel. Sample DST-2, taken at a depth of 8 feet below grade at the northwest side of tank 2, had 110 ppm of TPH as diesel. Sample DST-3 taken at a depth of 29" on the west side of tank 3 had 110 ppm TPH as diesel, 15 ppm of oil and grease, and no detectable volatile organic compounds. The sample from beneath tank 4 (DST-1 from March 27), had no detectable concentrations of TPH as diesel. The laboratory analysis result sheets were included in the tank removal closure report submitted to DiSalvo Trucking dated April 27, 1989.

EXCAVATION OF CONTAMINATED SOIL

[redacted]product was observed in the backfill surrounding the tanks and floating in the tank pit after the removal of the tanks. Approximately 2400 gallons of free product and 20,000 gallons of water was pumped out of the tank pit by H & H Ship Service and

Waste Oil Recovery Systems, Inc. Excavation of diesel contaminated soil commenced immediately following tank removal from around the former location of the underground storage tanks. Approximately 1800 cubic yards of backfill material and native clay was removed from the area underlying and surrounding the tank pit. When the excavation of contaminated soil had finished, water with floating petroleum product was observed flowing into the pit from the fill layer (4 foot depth) at the northeastern corner of the excavation.

PREVIOUS EXCAVATION LIMIT SAMPLING

On March 24, 1989, six soil samples (designated DS-1 to DS-6), were taken from the south, west, and eastern limits of the excavation prior to backfilling (see plate 2, Excavation Limit Map). The sample results indicate that there was no detectable BTXE in any of the excavation limit soil samples. Samples DS-1, DS-2, DS-3, DS-5, and DS-6 had no detectable concentrations of TPH as diesel. Soil sample DS-4, taken at a depth of 84" in the south end sidewall had 64 parts per million (ppm) of TPH as diesel. (7 ft)

Petroleum oil and grease analysis results indicate that sample DS-2, taken at a depth of 72" on the east sidewall, had a concentration of 59 ppm oil and grease. Soil sample DS-1, taken at a depth of 72" on the south sidewall, had a concentration of 29 ppm oil and grease. The northern limit of the excavation was not sampled due to obvious petroleum contamination of the excavation sidewalls from floating diesel product.

EXCAVATION LIMIT SAMPLING DURING THIS PRELIMINARY INVESTIGATION

On May 3, 1989, two soil samples (designated LS-9 from borehole number 10 and LS-10 from borehole number 11) were recovered from boreholes at the northern and northwestern limits of the former excavation created by the removal of contaminated soil surrounding the four underground storage tanks. Borehole number 9 located at the northeastern limit of the excavation had obvious evidence of petroleum product at the soil-water interface, therefore no soil sample was collected. The remainder of the former excavation was previously sampled on March 24, 1989 as discussed above.

Sample LS-9 recovered at a depth of 51" in borehole number 10 at the northern end of the former excavation had a concentration of 460 ppm of TPH as diesel. Sample LS-10, taken at a depth of 62" on the northwest side of the excavation from borehole number 11, had a concentration of 46,000 ppm TPH as diesel and 27,000 ppm oil and grease. Both of these samples were recovered from the saturated zone below the groundwater interface. !!! We're talking percent.

FUEL FINGERPRINTING

A sample of the floating petroleum product entering the former tank excavation from groundwater at the northeastern corner of the pit was submitted to a State licensed environmental laboratory, Curtis & Tompkins, LTD. of Berkeley, California, for fuel fingerprinting. The analysis indicates that the unknown fuel product is greater than 95% diesel fuel (EPA 8015 modified) containing no detectable concentrations of polychlorinated biphenyls (EPA method 8080) or phenols (EPA method 604).

GEOPHYSICAL SURVEY

A limited geophysical survey was conducted on selected portions of the site from the existing truck plaza southward to the property fence. Hand held metal detectors were used to locate the location of shallow metal piping. The location of remote dispenser product lines was traced out. An eight inch cast iron pipe of unknown origin is also located adjacent to the remote fill product line on the south part of the property.

SUBSURFACE INVESTIGATION

Nineteen hand-augured boreholes were drilled across the property as indicated on plate 3, Sampling Map. Floating diesel product had been observed entering the former tank pit excavation from a depth of four feet below grade along the northeastern margin of the excavation. The subsurface investigation was concentrated along the northern and eastern portions of the property to further define the source of the contamination. The initial boreholes were located adjacent to the excavation and along the southern remote dispenser line. As diesel product was encountered in the boreholes, additional boreholes were located in an attempt to define the limit of the contamination.

Groundwater was observed on the property at a depth of three to four feet below grade. Boreholes number 1, 5, 6, 8, 9, 11, 12, 15, 17, 19, and 20 had obvious petroleum product in the soils or water at the soil-water interface. Plate 4, Map of Diesel Contamination, outlines the approximate areas where petroleum product was detected. In general no soil contamination was observed above the groundwater interface except along portions of the southern remote product line.

Soil samples were collected from selected boreholes where petroleum product was not obvious. Eleven soil samples were collected for laboratory chemical analysis from boreholes 3, 4, 6, 7, 10, 13, 14, 16, 18, 21, and 22 at depths of 3 to 6 feet below grade. Additionally, one groundwater grab sample was

collected from borehole number 2 in the northeastern portion of the property.

SUBSURFACE LABORATORY ANALYSIS RESULTS

The samples collected from the boreholes were laboratory analyzed for total petroleum hydrocarbons (TPH) as high boiling point hydrocarbons-diesel (LUFT Manual) and one sample LS-10 was analyzed for petroleum oil and grease (SM 503). The groundwater grab sample WS-1 was analyzed for TPH as diesel (LUFT Manual).

The results of the chemical analysis of the samples indicate the following:

6'

Soil sample LS-1 recovered from a depth of 72 inches below grade in borehole number 4 near the northeastern property margin had no detectable concentrations of TPH as diesel.

Soil sample LS-2 recovered from a depth of 72 inches below grade in borehole number 3 near the northeastern property margin had no detectable concentrations of TPH as diesel.

Soil sample LS-4 recovered from a depth of 42 inches below grade in borehole number 6 located along the remote product hydrant had a concentration of 3,000 ppm of TPH as diesel.

Soil sample LS-6 recovered from a depth of 72 inches below grade in borehole number 7 located along the remote product line had a concentration of 40 ppm of TPH as diesel.

Soil sample LS-9 recovered from a depth of 51 inches below grade in borehole number 10 located approximately 15 feet from the northern limit of the former excavation had a concentration of 460 ppm of TPH as diesel.

Soil sample LS-11 recovered from a depth of 48 inches below grade in borehole number 13 located approximately 50 feet from the northeastern limit of the former excavation had a concentration of 420 ppm of TPH as diesel.

Soil sample LS-12 recovered from a depth of 54 inches below grade in borehole number 14 had a concentration of 260 ppm of TPH as diesel.

Soil sample LS-16 recovered from a depth of 37 inches below grade in borehole number 16 had no detectable concentration of TPh as diesel.

Soil sample LS-18 recovered from a depth of 46 inches below grade

in borehole number 18 had no detectable concentration of TPh as diesel.

Soil sample LS-21 recovered from a depth of 51 inches below grade in borehole number 21 had no detectable concentration of TPh as diesel.

Soil sample LS-22 recovered from a depth of 51 inches below grade in borehole number 22 had no detectable concentration of TPh as diesel.

Water sample WS-1 recovered from a depth of 35 inches below grade in borehole number 2 at the northeastern fence margin had no detectable concentration of TPH as diesel.

PRODUCT LINE EXCAVATION

Boreholes along the estimated location of the eastern remote fuel dispenser line encountered floating diesel product or obvious soil contamination. The eastern remote fill line and two remote hydrants were excavated and inspected. The line was located approximately 24 inches below grade. The line was first drained of fuel product into a 55-gallon barrel. The single wall metal piping was observed to be wrapped with tape. Two areas of corroded pipe were observed during the removal of the piping. The first corroded area containing numerous corrosion holes was located approximately 8 feet from the remote hydrant at the end of the line. The corroded second area containing a large crack was located at the elbow joint at the bend in the line between the hydrants. Diesel product was observed in the soil beneath the corroded areas of piping.

MIGRATION CONTROL

In the former tank excavation pit, floating diesel product and groundwater was observed flowing into the excavation from the northeastern corner of the excavation from fill soil material at a depth of four feet below grade. During the backfilling of the excavation a product recovery sump was installed within the backfill of the excavation at the northeastern corner of the former excavation. Within the sump a specific gravity skimmer was installed to remove floating product into 55 gallon barrels. Periodically the barrels are pumped empty by a fuel transporter-recycler. Approximately 2400 gallons of diesel product has been recovered from the excavation area to date. No groundwater is pumped from the recovery sump.

PREVIOUS INVESTIGATIONS

A review of reports on file with the Regional Water Quality Control Board, Fuel Leaks Section, located in Oakland, California indicates the adjacent PG & E property has a documented history of fuel contamination of soil and groundwater. The PG & E property is located adjacent to the DiSalvo Trucking property on the northeast. On the PG & E property, underground fuel storage tanks were excavated, removed, and contaminated soil was excavated. A groundwater investigation of the property indicated small plumes of diesel contamination existing on the PG & E property. No floating product was encountered in the PG & E test holes. Total petroleum hydrocarbon concentrations as diesel of 1 ppm were detected in the groundwater near the DiSalvo property boundary.

Measurements of the groundwater gradient across the PG & E property indicate that the direction of water movement appears to be variable, but is generally in a northern to northeastern direction. The groundwater gradient is relatively small across the site suggesting the slow movement of groundwater. It does not appear from this preliminary investigation that the diesel contamination on the DiSalvo property originates from the PG & E property.

INVESTIGATION RESULTS

The following statements summarize the results of the preliminary investigation of the soil and groundwater contamination on the DiSalvo Trucking property:

* Floating petroleum product is present on the groundwater of the property as observed in shallow boreholes (see plate 5, Map of Apparent Diesel Plume).

* The floating petroleum product on the site is predominantly diesel fuel as identified by laboratory analysis.

* Groundwater was observed at a depth of 3-4 feet below grade across the site.

* Soil contamination does not appear to occur above the surface of the groundwater except along sections of the easetern remote fuel dispenser line.

* Excavation and inspection of the eastern remote fuel dispenser lines indicate corrosion holes are present in the single wall metal lines. The location of the remote fuel lines appears to generally correspond with the location of observed diesel product.

* Petroleum oil and grease contamination was observed in one borehole outside of the northwestern limit of the previous tank excavation in a layer of wood, sawdust, and fill at a depth of 48 inches below grade. The contamination occurs below the groundwater interface.

* Documented investigation on the PG & E property indicates that the groundwater gradient is low with the direction of flow being variable but generally north-northeastward. Floating product appears to be contained within the DiSalvo Trucking property.

RECOMMENDATIONS

Based upon the results of the underground tank removal and this preliminary investigation, the following recommendations are proposed:

* The remaining remote fuel dispenser line and hydrants be excavated and examined for areas of corrosion. That shallow soil contamination associated with the lines be excavated in the area between the line at 24 inches below grade and the groundwater surface at a depth of approximately 36 inches below grade.

* Migration control measures to contain the spread of product and remove the floating product from the groundwater be expanded to include areas along the locations of the remote product lines. An interceptor drain pit and/or additional recovery sump located along the former course of the southern product line is recommended.

* Additional shallow borings be located along the course of the western remote fuel line to detect the presence of diesel product. Additional borings to the southwest of the former excavation to define diesel and oil & grease contamination in the area of no data. The collection and analysis of soil samples from selected borings be accomplished.

* That 5 shallow groundwater monitoring wells be installed across the property to define the lateral extent of groundwater contamination. Monitoring of the groundwater quality would be accomplished from the groundwater monitoring wells by the collection and analysis of quarterly water samples. The wells would also be used to conduct groundwater testing required to propose a groundwater reclamation program to the Regional Water Quality Control Board if required.

Need to do immed.

LIMITATIONS

The conclusions and professional opinions presented herein were developed in accordance with generally accepted practice as outlined in the guidelines of the California Regional Water Quality Control Board for addressing fuel leaks from underground tanks. The chemical analysis results are based on data collected at the sampling locations only, therefore G.E.T. cannot have complete knowledge of the underlying conditions. Conditions at the project site will change with time due to natural processes or the works of man. Accordingly, the findings of this report apply to the present conditions only; the opinions expressed herein are subject to revisions in light of new information, and no warranties are expressed or implied.

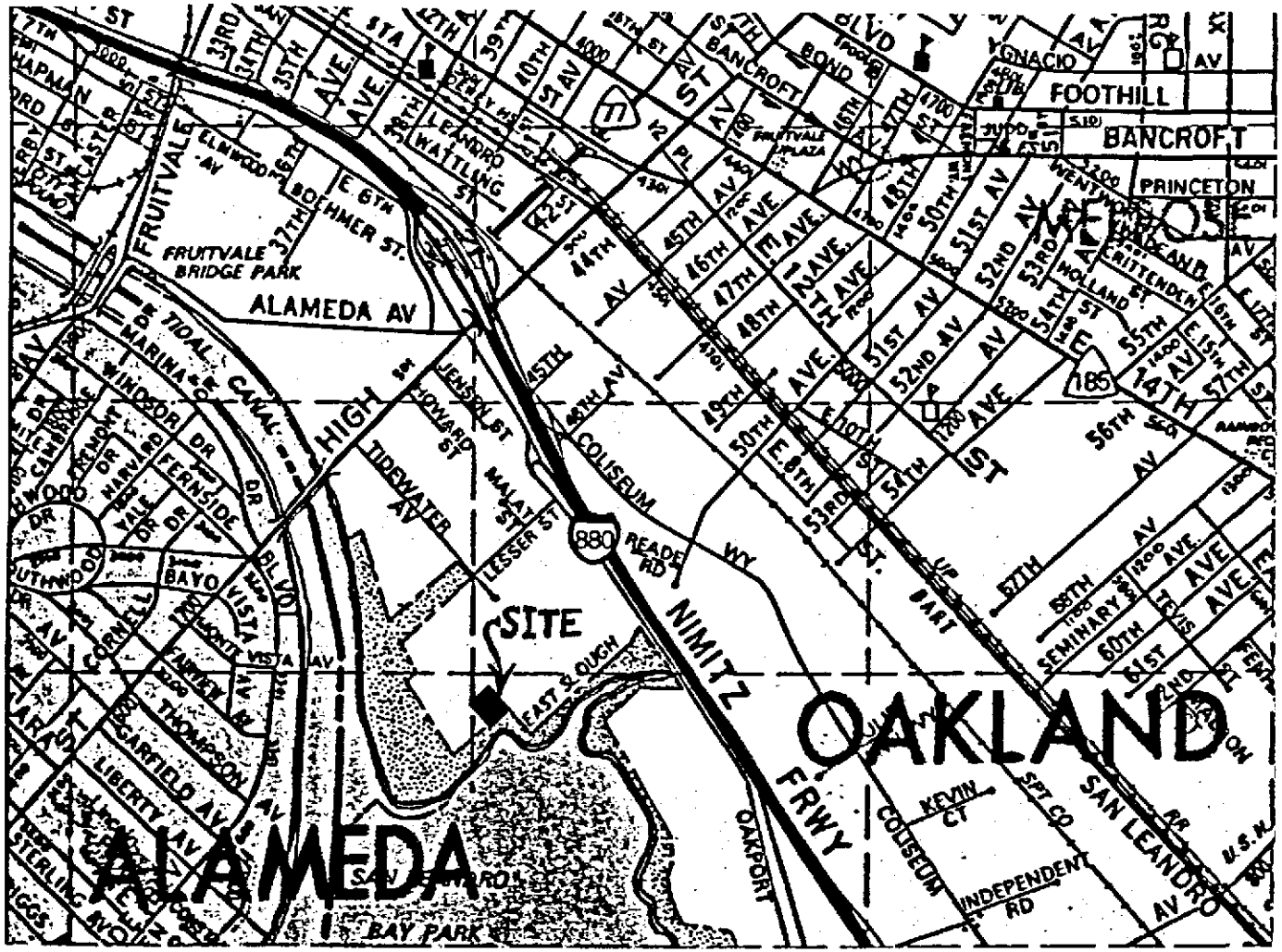
G.E.T. is pleased to have been of service to you on this project. To comply with State and local environmental laws, G.E.T. recommends that a copy of this report be forwarded to the Alameda County Department of Environmental Health and the Regional Water Quality Control Board in Oakland, California, as soon as possible for review. If you have any questions, please feel free to give me a call at (408) 559-1220. Thank you.

Respectfully submitted,
GEO-ENVIRONMENTAL TECHNOLOGY

Mark Youngkin
Engineering Geologist

Attachments: Laboratory Result Sheets, Chain of Custody forms

copies: addressee (3)



N

Base map from Thomas Bros. Map Series

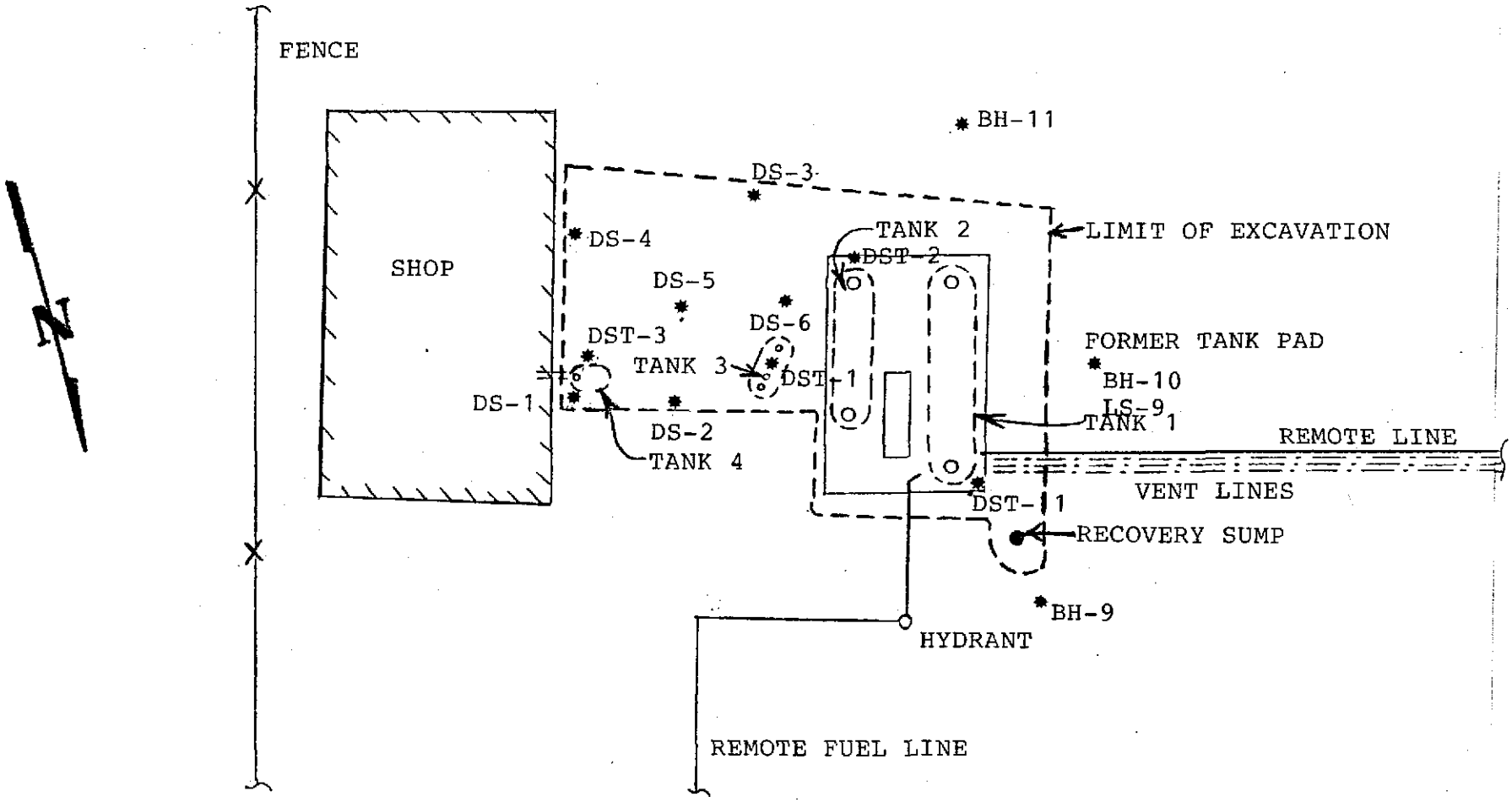
Environmental Technology

SCALE: 1"=2200'	VICINITY MAP	DRAWN BY
DATE: 6-10-89		REVISED

DISALVO TRUCKING
4919 TIDEWATER AVENUE
OAKLAND, CALIFORNIA

260 Cristich Lane
Campbell, CA 95008 (408) 559-1220

PLATE 1



Tidewater Ave

* - EXCAVATION LIMIT AND TANK REMOVAL SAMPLES
BH-1 borehole number
LS-1 sample number
DS-1 sample number

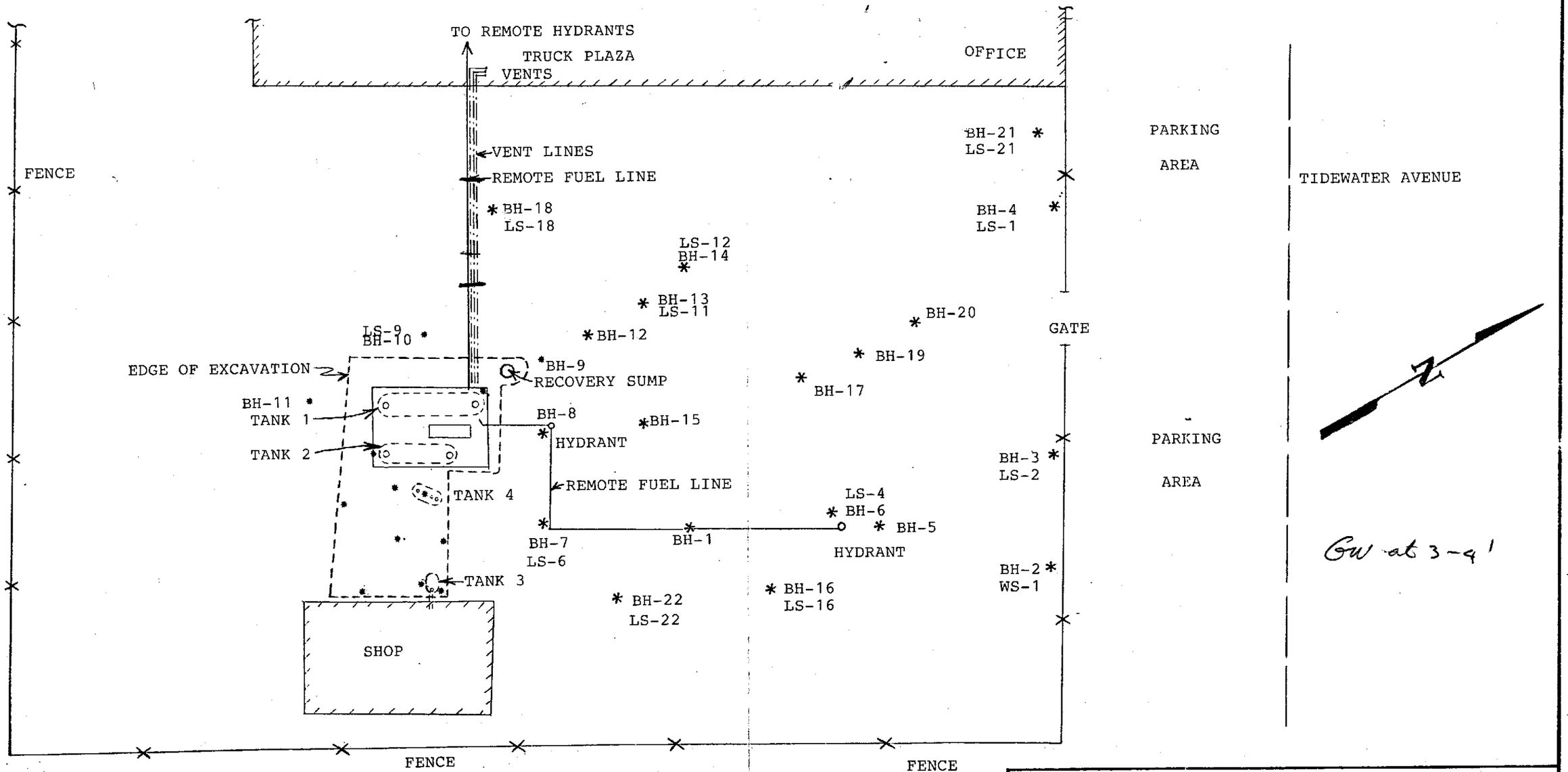
Environmental Technology

SCALE: 1'=40'	EXCAVATION LIMIT MAP	DRAWN BY MY
DATE: 6-10-89		REVISED

DISALVO TRUCKING
4919 TIDEWATER AVENUE
OAKLAND, CALIFORNIA

260 Cristich Lane
Campbell, CA 95008 (408) 559-1220

PLATE 2



* - SAMPLE LOCATIONS WITH SAMPLE NUMBER

* - EXCAVATION SAMPLE LOCATION

BH-1 Borehole number
LS-1 Sample number

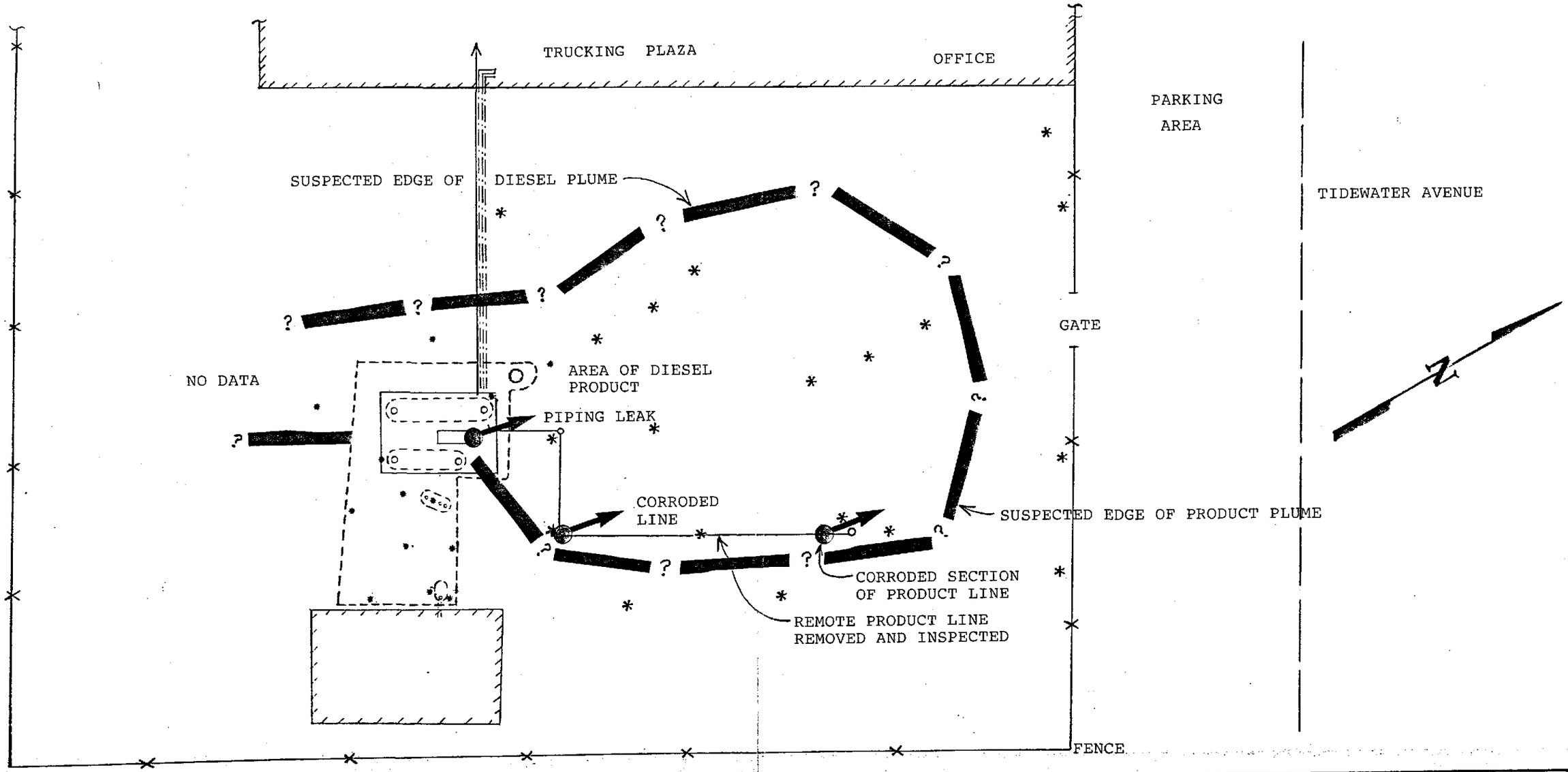
GEO-ENVIRONMENTAL TECHNOLOGY

SCALE: 1"=40'	APPROVED BY: SAMPLING MAP	DRAWN BY MK
DATE: 6-10-89		REVISED

DISALVO TRUCKING
4919 TIDEWATER AVENUE
OAKLAND, CALIFORNIA

260 Cristich Lane
Campbell, California 95008

DRAWING NUMBER
Plate 3



- SUSPECTED EDGE OF DIESEL PLUME

- SUSPECTED GENERATOR WITH ESTIMATED DIRECTION OF GROUND WATER FLOW

- ESTIMATED DIRECTION GROUND WATER FLOW

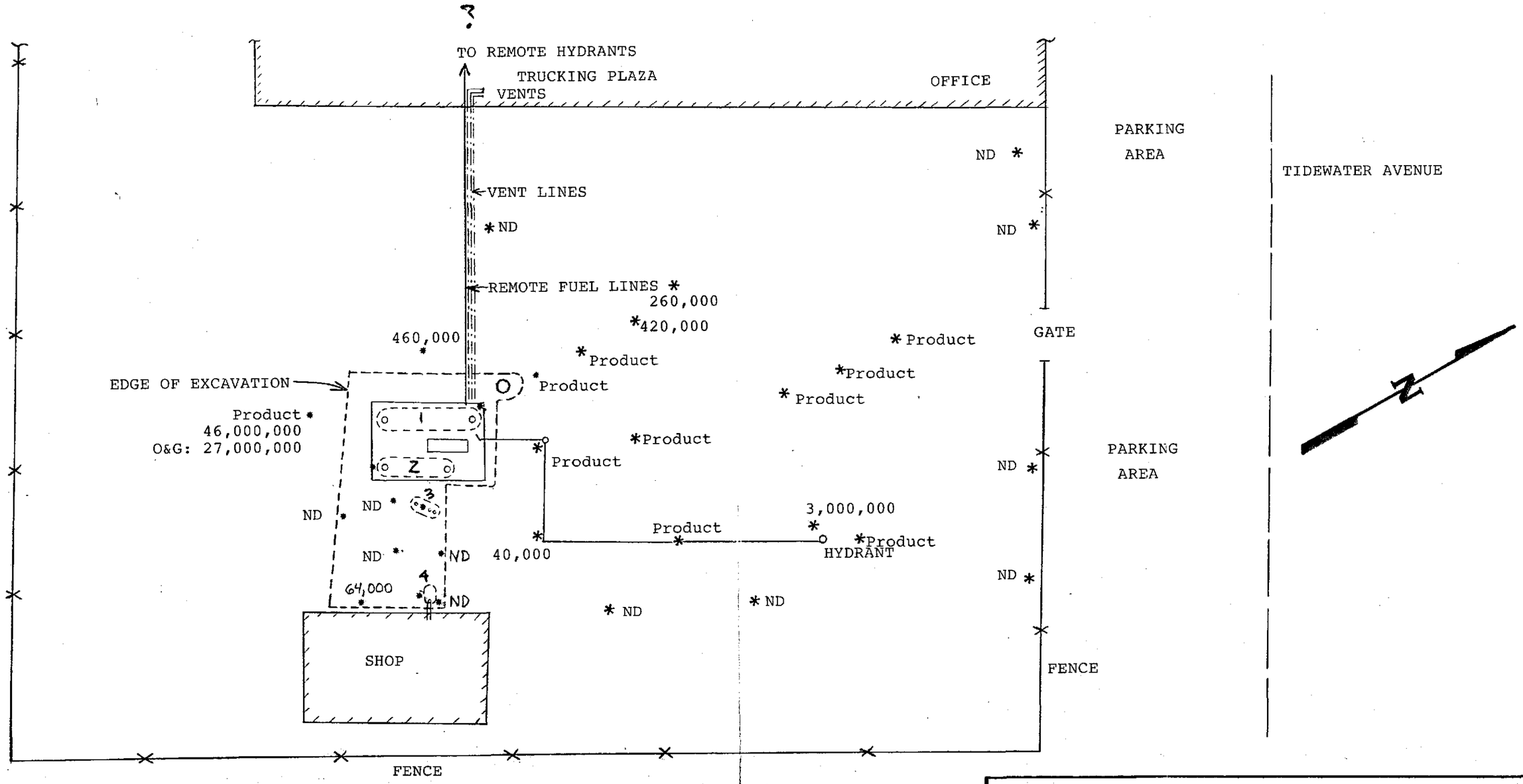
GEO-ENVIRONMENTAL TECHNOLOGY

SCALE: 1"=40'	APPROVED BY: APPARENT DIESEL PLUME	DRAWN BY MY
DATE: 6-10-89		REVISED

DISALVO TRUCKING
4919 TIDEWATER AVENUE
OAKLAND, CALIFORNIA

260 CRISTICH LANE
Campbell, California 95008

DRAWING NUMBER
PLATE 5



* - SAMPLE LOCATIONS WITH TPH AS DIESEL CONCENTRATIONS IN PPB

GEO-ENVIRONMENTAL TECHNOLOGY

SCALE: 1"=40'	APPROVED BY: DIESEL CONTAMINATION	DRAWN BY mg
DATE: 6-10-89		REVISED

DISALVO TRUCKING
4919 TIDEWATER AVENUE
OAKLAND, CALIFORNIA

260 Cristich Lane
Campbell, California 95008

DRAWING NUMBER
PLATE 4

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

LABORATORY NUMBER: 17260
CLIENT: ENVIRONMENTAL TECHNOLOGY
PROJECT ID: DISALVO TRUCKING
LOCATION: 4919 TIDEWATER AVE, OAKLAND

DATE RECEIVED: 04/10/89
DATE ANALYZED: 04/25/89
DATE REPORTED: 05/01/89

Extractable Petroleum Hydrocarbons
EPA 8015 (Modified)

LAB ID	CLIENT ID	DIESEL
17260-1	UNKNOWN FUEL	>95%

ND = Not Detected; Limit of detection in parentheses.

QA/QC SUMMARY

RPD, %	8
Spike: % Recovery	104

LABORATORY DIRECTOR

Curtis & Tompkins, Ltd.

LAB NUMBER: 17260
CLIENT: ENVIRONMENTAL TECHNOLOGY
PROJECT ID: DISALVO TRUCKING
LOCATION: 4919 TIDEWATER AVE, OAKLAND

DATE RECEIVED: 04/10/89
DATE ANALYZED: 04/26/89
DATE REPORTED: 05/01/89

POLYCHLORINATED BIPHENYLS (PCBs)
METHOD: EPA 8080

LAB ID	CLIENT ID	AROCLOR	CONCENTRATION (mg/Kg)	MDL (mg/Kg)
17260-1	UNKNOWN FUEL	---	ND	1.0

ND = NONE DETECTED; LIMIT OF DETECTION IS INDICATED IN LAST COLUMN.

QA/QC SUMMARY

%RPD	3
%RECOVERY	102

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 17260
CLIENT: ENVIRONMENTAL TECHNOLOGY
PROJECT ID: DISALVO TRUCKING
SAMPLE ID: UNKOWN FUEL

DATE RECEIVED: 04/10/89
DATE ANALYZED: 04/25/89
DATE REPORTED: 05/01/89

EPA 604: PHENOLS

Compoud	Results (mg/L)	Detection Limit (mg/L)
Phenol	ND	100
2-Chlorophenol	ND	100
2-Nitrophenol	ND	100
2,4-Dimethylphenol	ND	100
2,4-Dichlorophenol	ND	100
4-Chloro-3-methylphenol	ND	100
2,4,6-Trichlorophenol	ND	100
2,4-Dinitrophenol	ND	100
4-Nitrophenol	ND	100
2-Methyl-4,6-dinitrophenol	ND	100
Pentachlorophenol	ND	100

ND = NONE DETECTED

P.O. NUMBER: 7605 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM 17260 PAGE 1 OF 1

COMPANY: ENVIRONMENTAL TECHNOLOGY, 260 CRISTICH LANE, CAMPBELL, CA PHONE: 408-559-1220

PROJECT NAME: DiSalvo Trucking	LOCATION: 4919 Tidewater Ave., Oakland, CA
PROJECT CONTACT: Gary DellaVeccia	TURNAROUND TIME: WORK DAYS / DATE DUE:

SAMPLE I.D.	DATE	TIME	CONTAINER	MATRIX	DEPTH	LOCATION	ANALYSIS
UNKNOWN FUEL	4/6/89	2:45pm	2-one liter plastic wide	liquid	excavation	Northeast corner of pit-product in water	Fuel fingerprinting PCB, PCP, Creosote
							8270?
							8040 - (PCP & ~~Creosote~~)
							8080 - (PCB's only)

PRESERVATIVE: None SAMPLER: Ron Ross

WITNESS: Gary Della Vechia

SAMPLING PLAN

CHAIN OF POSSESSION

	AFFILIATION	DATE	TIME
RELINQUISHED BY SAMPLER: Ron Ross		4-10-89	12:00
RECEIVED BY: Todd Muma		4-10-89	12:00 pm
RELINQUISHED BY: Todd Muma		4-10-89	12:40 pm
RECEIVED BY LABORATORY: Stephen L. Jones		4-10-89	12:40

LAB NAME: CURTIS AND THOMPKINS CONTACT: JOHN

ADDRESS: 2323 FIFTH STREET, BERKELEY, CA

REMARKS: Diesel #2 stored in underground tanks

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545 *(415) 783-6960*

TAL

DATE: 5/24/89

LOG NO.: 7334

DATE SAMPLED: 5/2/89 and 5/3/89

DATE RECEIVED: 5/3/89

CUSTOMER: Geo Environmental Technology

REQUESTER: Mark Youngkin

PROJECT: DiSalvo Trucking

Sample Type: Soil

Method and Constituent	Units	LS-1 Concentration	LS-1 Detection Limit	LS-2 Concentration	LS-2 Detection Limit	LS-4 Concentration	LS-4 Detection Limit
DHS Method:							
Total Petroleum Hydrocarbons as Diesel	ug/kg	< 3,000	3,000	< 3,000	3,000	3,000,000	9,000

Method and Constituent	Units	LS-6 Concentration	LS-6 Detection Limit	LS-9 Concentration	LS-9 Detection Limit	LS-10 Concentration	LS-10 Detection Limit
DHS Method:							
Total Petroleum Hydrocarbons as Diesel	ug/kg	40,000	3,000	460,000	3,000	46,000,000	80,000
Standard Method 503E, Hydrocarbons:							
Oil and Grease	ug/kg					27,000,000	10,000

Method and Constituent	Units	LS-11 Concentration	LS-11 Detection Limit	LS-12 Concentration	LS-12 Detection Limit
DHS Method:					
Total Petroleum Hydrocarbons as Diesel	ug/kg	420,000	3,000	260,000	3,000

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545 *(415) 783-6960*

TAL

DATE: 5/31/89

LOG NO.: 7351

DATE SAMPLED: 5/4/89 and 5/5/89

DATE RECEIVED: 5/8/89

CUSTOMER: Geo Environmental Technology

REQUESTER: Mark Youngkin

PROJECT: DiSalvo Trucking

Sample Type: Soil

Method and Constituent	Units	LS-16 Concentration	LS-16 Detection Limit	LS-18 Concentration	LS-18 Detection Limit	LS-21 Concentration	LS-21 Detection Limit
DHS Method:							
Total Petroleum Hydrocarbons as Diesel	ug/kg	< 3,000	3,000	< 3,000	3,000	< 3,000	3,000

Method and Constituent	Units	LS-22 Concentration	LS-22 Detection Limit
DHS Method:			
Total Petroleum Hydrocarbons as Diesel	ug/kg	< 3,000	3,000

Dan Farah

Dan Farah, Ph.D.
Supervisory Chemist

DF:vs

DATE: 5/24/89
LOG NO.: 7334
DATE SAMPLED: 5/2/89 and 5/3/89
DATE RECEIVED: 5/3/89
PAGE: Two

Sample Type: Water

Method and Constituent	Units	WS-1 Concentration	WS-1 Detection Limit
DHS Method:			
Total Petroleum Hydrocarbons as Diesel	ug/l	< 80	80

Dan Farah

Dan Farah, Ph.D.
Supervisory Chemist

DF:mln

P.O. NUMBER: _____ CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

COMPANY: ENVIRONMENTAL TECHNOLOGY, 260 CRISTICH LANE, CAMPBELL, CA PHONE: 408-559-1220

PROJECT NAME: DiSalvo Trucking	LOCATION: 4919 Tidewater Ave.	
PROJECT CONTACT: Gary Della Vecchia	TURNAROUND TIME: 10 WORK DAYS	DATE DUE: 5-17-89

SAMPLE I.D.	DATE	TIME	CONTAINER	MATRIX	DEPTH	LOCATION	ANALYSIS
LS-1	5/1/89	11:30 AM	2"x3" brass liner	Soil	6'	Hole #4. N.E. corner of lot	TPH as diesel with BTEX
LS-2	5/1/89	1:00 pm	2"x3" brass liner	Soil	6'	Hole #3 near fence	TPH as diesel with BTEX
~~LS-3~~	~~5/1/89~~	~~1:45 pm~~	~~2"x3" brass liner~~	~~Soil~~	~~6'~~	~~Hole #5 near remote fill~~	← Delete
LS-4	5/1/89	2:15 pm	2"x3" brass liner	Soil	36"	Hole #6 near remote fill	TPH as diesel with BTEX
~~LS-5~~	~~5/1/89~~	~~2:25 pm~~	~~2"x3" brass liner~~	~~Soil~~	~~6'~~	~~Hole #6 near remote fill~~	← DELETE
LS-6	5/2/89	9:50 AM	2"x3" brass liner	Soil	6'	Hole #7 at bend	TPH as diesel with BTEX
~~LS-7~~	~~5/2/89~~	~~10:25 AM~~	~~2"x3" brass liner~~	~~Soil~~	~~6'~~	~~Hole # 8 at bend~~	← Delete reg TAT
~~LS-8~~	~~5/2/89~~		~~2"x3" brass liner~~	~~Soil~~	~~5'6"~~	~~Hole #9 at N.E. Corner outside lot~~	← Delete

PRESERVATIVE: None SAMPLER: Todd Murray

WITNESS: Kevin Ogle

SAMPLING PLAN

CHAIN OF POSSESSION

RELINQUISHED BY SAMPLER	AFFILIATION	DATE	TIME
Todd Murray		5-3-89	3:05 pm
RECEIVED BY	AFFILIATION	DATE	TIME
RELINQUISHED BY		DATE	TIME
RECEIVED BY LABORATORY		DATE	TIME
Shaye Chalk		5/3/89	3057

LAB NAME: Trace Analysis Laboratory CONTACT:

ADDRESS: 3423 Investment Blvd., Hayward, CA

REMARKS:

P.O. NUMBER: _____ CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

COMPANY: ENVIRONMENTAL TECHNOLOGY, 260 CRISTICH LANE, CAMPBELL, CA PHONE: 408-559-1220

PROJECT NAME: DiSalvo Trucking	LOCATION: 4919 Tidewater Ave.	
PROJECT CONTACT: Gary Della Vecchia	TURNAROUND TIME: 10 WORK DAYS	DATE DUE: 5-17-89

SAMPLE I.D.	DATE	TIME	CONTAINER	MATRIX	DEPTH	LOCATION	ANALYSIS
LS-9	5/3/89	10:10 AM	2" x 3" liner	Soil	4'3"	Hole #10	TPH as diesel with BTEX
LS-10	5/3/89	11:20 AM	2" x 3" liner	Soil	5'2"	Hole # 11	TPH as diesel with BTEX, O&G, 5C3E
LS-11	5/3/89	1:15 pm	2" x 3" liner	Soil	4'	Hole # 13	TPH as diesel with BTEX
LS-12	5/3/89	2:00 pm	2" x 3" liner	Soil	4'6"	Hole # 14	TPH as diesel with BTEX
WS-1	5/3/89	1:00 pm	1 liter glass bottle	Water	35"	Hole #2	(1-lite) TPH as diesel ~~with BTEX~~
							reg TAT

PRESERVATIVE: None SAMPLER: Todd Murray

WITNESS: Kevin Ogle

CHAIN OF POSSESSION

		DATE	TIME
RELINQUISHED BY SAMPLER	Todd Murray	5-3-89	3:05 pm
RECEIVED BY	AFFILIATION	DATE	TIME
RELINQUISHED BY		DATE	TIME
RECEIVED BY LABORATORY	Shaquel Hall	5/3/89	3:05

LAB NAME: Trace Analysis Laboratory CONTACT:

ADDRESS: 3423 Investment Blvd., Hayward, CA

REMARKS:

SAMPLING PLAN

P.O. NUMBER: _____ CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM PAGE 1 OF 1

COMPANY: ENVIRONMENTAL TECHNOLOGY, 260 CRISTICH LANE, CAMPBELL, CA PHONE: 408-559-1220

PROJECT NAME: DiSalvo Trucking	LOCATION: 4919 Tidewater Ave., Oakland, CA
PROJECT CONTACT: Guy Della Vecchia	TURNAROUND TIME: 10 WORK DAYS / DATE DUE: 5-19-89

SAMPLE I.D.	DATE	TIME	CONTAINER	MATRIX	DEPTH	LOCATION	ANALYSIS
LS-16	5/4/89	11:15AM	2"x3" liner	Soil	37"	Hole #16	TPH as diesel
LS-18	↓	1:20pm	↓	↓	46"	Hole #18	TPH as diesel
LS-21	5/5/89	11:45AM	↓	↓	51"	Hole # 21	TPH as diesel
LS-22	↓	1:20pm	↓	↓	40"	Hole # 22	TPH as diesel
							Reg TAT.

PRESERVATIVE: None SAMPLER: Todd Murray

WITNESS: Mark Vigesaa

SAMPLING PLAN

CHAIN OF POSSESSION

	AFFILIATION	DATE	TIME
RELINQUISHED BY SAMPLER: Todd Murray		5-8-89	7:30AM
RECEIVED BY: Donna G. Wong		5-8-89	7:31 PM
RELINQUISHED BY: Donna G. Wong		5-8-89	9:20AM
RECEIVED BY LABORATORY: Shaque Khalil		5/8/89	9:20AM

LAB NAME: Trace Analysis Laboratory CONTACT:

ADDRESS: 3423 Investment Blvd., Hayward, CA

REMARKS:

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-[illegible]-91)
Please print or type. *(Form designed for use on (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL[illegible] Manifest Document No. 2 [illegible]
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: DISALVO TRUCKIN, 4919 TIDEWATER AVE, Oakland CA
4. Generator's Phone ( ) 415-533-1220

A. State Manifest Document Number: 88227622
B. State Generator's ID

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: CA[illegible]
C. State Transporter's ID: 003766
D. Transporter's Phone: (415) 542-4[illegible]

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: [illegible] Service Co., [illegible] Basin St., San Francisco [illegible]
10. US EPA ID Number: CA[illegible]
G. State Facility's ID: CA[illegible]
H. Facility's Phone: (415) 54[illegible]

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 EMPTY DIESEL TANK, COMBUSTIBLE LIQUID NA 1993	[illegible]	TP	1	550 G.	State 512; EPA/Other
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above: EMPTY UNDERGROUND DIESEL STORAGE TANK WITH LESS THAN ONE GALLON RESIDUAL LIQUID IN ~~[illegible]~~ TANK.

K. Handling Codes for Wastes Listed Above: a. 01 b. c. d.

15. Special Handling Instructions and Additional Information: PROTECTIVE GEAR AND CLOTHING AS REQUIRED

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 — Signature [signature] — Month Day Year 03 27 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JAMES P. MORGAN — Signature: [signature] — Month Day Year 03 27 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: TODD MURRAY FOR DISALVO TRUCKING — Signature: Todd Murray for DISALVO — Month Day Year 03 27 89

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] Valley — Signature: [signature] — Month Day Year 03 2[illegible] 89

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

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

Side margin: GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88227622

Job #9947

State of California—Health and Welfare Agency
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA0981670511 — Manifest Document No. 62715010

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
DiSalvo Trucking
4919 Tidewater Ave. Oakland, CA. 94601

4. Generator's Phone (415) 533-1201

A. State Manifest Document Number 88227500

B. State Generator's ID

5. Transporter 1 Company Name: H+H Ship Service Co — 6. US EPA ID Number: CAD004771168

C. State Transporter's ID 003754

D. Transporter's Phone (415)543-4835

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

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
H+H Ship Service Co
220 China Basin St.
San Francisco, CA 94107 — 10. US EPA ID Number: CAD004771168

G. State Facility's ID

H. Facility's Phone (415) 543-4835

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, N.O.S. NA 1993	001	TT	01225	G	State 135 / EPA/Other N/A
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
80% WATER
10% DIESEL
10% SOLIDS

K. Handling Codes for Wastes Listed Above
a. 01 — b. — c. — d.

15. Special Handling Instructions and Additional Information

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: Jim Bello — Signature — Month Day Year: 10 23 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Robert L Carsey — Signature — Month Day Year: 10 23 89

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: Charles Walker — Signature — Month Day Year: 10 23 89

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/88)
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981167015 | Manifest Document No. 62175710
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
~~R&C ENVIRONMENTAL TECHNOLOGY~~
D. SALVO TRUCKING
4919 TIDEWATER AVE
OAKLAND, CA. 94601

A. State Manifest Document Number 88227570
B. State Generator's ID

4. Generator's Phone (415) 533-1201

5. Transporter 1 Company Name: H+H SHIP SERVICE CO
6. US EPA ID Number: CAD004771168
C. State Transporter's ID 003754
D. Transporter's Phone (415)543-4835

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
H+H SHIP SERVICE CO.
220 CHINA BASIN ST.
SAN FRANCISCO, CA 94107
10. US EPA ID Number: CAD004771168
G. State Facility's ID
H. Facility's Phone (415) 543-4835

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. N.A.1993	001	TT	038150	G	State 135 / EPA/Other N/A
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
80% WATER
10% DIESEL
10% SOLIDS

K. Handling Codes for Wastes Listed Above
a. 01
b.
c.
d.

15. Special Handling Instructions and Additional Information
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.

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Printed/Typed Name	Signature	Month Day Year
		10 31 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
ROBERT L CARSEY	Robert L Carsey	10 31 89

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
Richard Valle		11 3 89

GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88227570 106#9923

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. Manifest Document No. CAD981670511631 2HS	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address		A. State Manifest Document Number 88231245
		B. State Generator's ID
4. Generator's Phone ( )		
5. Transporter 1 Company Name H+H Ship Service CO	6. US EPA ID Number CAD004771168	C. State Transporter's ID 003757
		D. Transporter's Phone 415-543-4836
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address H+H ShipService CO 220 China Basin St San Francisco, CA 94107	10. US EPA ID Number CAD004771168	G. State Facility's ID
		H. Facility's Phone 415-543-0906

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 n.o.s NA1993	001	TT	5000	G	State 133 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Diesel 2%
water 98%

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

15. Special Handling Instructions and Additional Information
Protective Gear and 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	Signature	Month Day Year
Bello	[signature]	03 22 87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Donald D Baskerville	[signature]	03 22 87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	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	Signature	Month Day Year

GENERATOR / TRANSPORTER / FACILITY

8 8231245

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

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EPA 8700—22
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981670516 Manifest Document No. 2
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: DI SALVO TRUCKING, 4919 TIDEWATER OAKLAND CA 94612
4. Generator's Phone (415) 861-1029

A. State Manifest Document Number 88227495
B. State Generator's ID

5. Transporter 1 Company Name: H & H SHIP SERVICE
6. US EPA ID Number: CAD004771168
C. State Transporter's ID 00371
D. Transporter's Phone 543-4855

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: H & H SHIP SERVICE, 220 CHINA BASIN, SAN FRANCISCO, CA 94107 CAD004771168
10. US EPA ID Number
G. State Facility's ID CAD004771168
H. Facility's Phone 543-0906

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 HAZARDOUS LIQUID NOS ORM-E NA9189	001	TT	4500	G	State 135 EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above: 90% WATER, 5% MUD, 1% DIESEL

K. Handling Codes for Wastes Listed Above: a. 01 b. c. d.

15. Special Handling Instructions and Additional Information: GLOVES

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.

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Printed/Typed Name: [illegible] Della Vecchia | Signature: [signature] | Month Day Year 03 21 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE MESQUITE | Signature: [signature] | Month Day Year 03 21 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | 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: Kevin Smallell | Signature: [signature] | Month Day Year 03 21 89

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88227495

DHS 8022 A (1/88)
EPA 8700—22
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA0981670516 — Manifest Document No. 27498

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENVIRONMENTAL TECHNOLOGY (See 19. below)
260 CRISTICH LANE, CAMPBELL, CA. 95008

4. Generator's Phone (408) 723-3837

A. State Manifest Document Number: 88227498

B. State Generator's ID:

5. Transporter 1 Company Name: H+H SHIP SERVICE Co — 6. US EPA ID Number: CAD004771168

C. State Transporter's ID: 003755

D. Transporter's Phone: (415) 543-4835

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

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
H+H SHIP SERVICE Co
220 CHINA BASIN ST
SAN FRANCISCO, CA 94107 — 10. US EPA ID Number: CAD004771168

G. State Facility's ID:

H. Facility's Phone: (415) 543-4835

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 UN 1993	001	TT	95000	G	State 135 / EPA/Other N/A
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
WATER 85%
DIESEL 10%
SOLIDS 5%

K. Handling Codes for Wastes Listed Above
a. 01 — b. — c. — d.

15. Special Handling Instructions and Additional Information

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.

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Printed/Typed Name — Signature — Month Day Year: 10 32289

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: ROBERT L. CARSEY — Signature — Month Day Year: 10 32289

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space
Generator's Name and Mailing Address should be: DI SALVO TRUCKING
4919 Tidewater Avenue
Oakland, California 94612 (415) 533-120

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: 10 31 89

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88227498 10/31/89

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

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Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. CAD961670516 | Manifest Document No. | 2. Page 1 of | Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address
DI SALVO TRUCKING, CO.
4919 TIDEWATER AVE OAKLAND CA 94601
4. Generator's Phone (415 533-1020

A. State Manifest Document Number: 87601380
B. State Generator's ID: CAD961670516

5. Transporter 1 Company Name: WASTE OIL RECOVERY SYSTEMS INC | 6. US EPA ID Number: CAD000626515
C. State Transporter's ID: 401256
D. Transporter's Phone: 533-0750

7. Transporter 2 Company Name: W-H TANK | 8. US EPA ID Number: CAD041037061/5
E. State Transporter's ID: 908215
F. Transporter's Phone: 213 4273109

9. Designated Facility Name and Site Address
DENENNO KERDOON
2000 N ALAMEDA
COMPTON CA
10. US EPA ID Number: CAT080013352
G. State Facility's ID: CAT080013352
H. Facility's Phone: 213 537-7100

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. PETROLEUM OIL, N.O.S. (WASTE OIL) COMBUSTIBLE LIQUID N.A. 1270	01	TT	2600	G	State 221 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
H O & WASTE OIL
2

K. Handling Codes for Wastes Listed Above
a. 01-X | b.
c. | d.

15. Special Handling Instructions and Additional Information
WEAR GLOVES

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: JAMES D PUGH | Signature: James D Pugh | Month Day Year: 10/10/89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID A FRENCH | Signature: David A French | Month Day Year: 10/10/89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jimmy M. ROLAND | Signature: Jimmy M Roland | Month Day Year: 10/10/89

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: TONY SALVAGGIO | Signature: | Month Day Year: 10/10/89

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

INSTRUCTIONS ON THE BACK

D10 8305

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

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-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: C A D 9 6 1 6 7 0 5 1 6 — Manifest Document No.:

2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
DI SALVO TRUCKING, CO.
4919 TIDEWATER AVE OAKLAND CA 94601

4. Generator's Phone (415) 533-1020

A. State Manifest Document Number: 87601381

B. State Generator's ID: C A D 9 6 1 6 7 0 5 1 6

5. Transporter 1 Company Name: WASTE OIL RECOVERY SYSTEMS, INC — 6. US EPA ID Number: C A D 0 0 0 6 2 6 5 1 5

C. State Transporter's ID: 401257

D. Transporter's Phone: 533-0750

7. Transporter 2 Company Name: W+H TANK — 8. US EPA ID Number: CAD040370645

E. State Transporter's ID: 908215

F. Transporter's Phone: 209 943 3109

9. Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N ALAMEDA
COMPTON CA — 10. US EPA ID Number: C A T 0 8 0 0 1 3 3 5 2

G. State Facility's ID: C A T 0 8 0 0 1 3 3 5 2

H. Facility's Phone: 213 537-7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. PETROLEUM OIL, NOS (WASTE OIL) COMBUSTIBLE LIQUID N.A. 1270	0 1	T T	1 7 5 0	G	State 221 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.	1 5 1				State / EPA/Other

J. Additional Descriptions for Materials Listed Above
H O 2 WASTE OIL

K. Handling Codes for Wastes Listed Above
a. 01-R b. c. d.

15. Special Handling Instructions and Additional Information
WEAR GLOVES

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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JAMES D PUGH	James D Pugh	10	05	89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
W+H TANK	[illegible]	10	05	89

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TIMMY M. ROLAND	Timmy M. Roland	10	04	89

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
TONY SOLIMAN	[illegible]	10	05	89

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-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981679514 — Manifest Document No.

2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: DISALVO TRUCKING
415 5331201 419 TIDEWATER OAKLAND CALIF

4. Generator's Phone ( ).

A. State Manifest Document Number: 87601363
B. State Generator's ID: CAD981870 EXEMPT

5. Transporter 1 Company Name: WASTE OIL RECOVERY — 6. US EPA ID Number: CAD000626515
C. State Transporter's ID: 901257
D. Transporter's Phone: 415 5330750

7. Transporter 2 Company Name: ODYSSEY — 8. US EPA ID Number: CAD087210019
E. State Transporter's ID: 901177
F. Transporter's Phone: 213 926 3901

9. Designated Facility Name and Site Address: DEMENNO KERDOON
2000 N ALAMEDA
COMPTON CALIF — 10. US EPA ID Number: CAT080013352
G. State Facility's ID: CA7080013352
H. Facility's Phone: 213 537 7100

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. PETROLEUM OILS NOS (WASTE OILS) COMBUSTIBLE LIQUID NA 1270	01	VT	1550	G	State 221 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
H2O
WASTE OILS, FUEL

K. Handling Codes for Wastes Listed Above
a. 01-R — b. — c. — d.

15. Special Handling Instructions and Additional Information

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Printed/Typed Name: JOE ROBERTS — Signature: [signature] — Month Day Year: 05 30 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: A FALCON — Signature: [signature] — Month Day Year: 05 30 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: RICHARD DUNNIGAN — Signature: [signature] — Month Day Year: 05 30 89

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] SALVAGNO — Signature: [signature] — Month Day Year: 06 01 89

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

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

INSTRUCTIONS ON THE BACK

8742D

IN CASE OF AN EMERGENCY

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

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

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

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name — 6. US EPA ID Number

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

9. Designated Facility Name and Site Address — 10. US EPA ID Number

A. State Manifest Document Number: 88227622
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone

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.					State / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

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

15. Special Handling Instructions and Additional Information

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.

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Printed/Typed Name — Signature — Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

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

GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88227622

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

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS