Soil and Groundwater Investigation

Site at

4919 Tidewater Avenue Oakland, CA

prepared by

Gen Tech Environmental, Inc. 1936 Camden Avenue, Suite 1 San Jose, California 95124



1936 Camden Ave., Suite 1 San Jose, CA 95124 Contractor's Lic. #615869

Tel. (408) 559-1220 • Fax (408) 559-1228 • 1-800-499-1220

May 17, 1994 Project No. 9344

DiSalvo Trucking 660 Mariposa Street San Francisco, California 94107

Attn: Mr. Charles Lawler

Re: Soil and Groundwater Investigation

Site at 4919 Tidewater Avenue, Oakland, CA

Dear Mr. Lawler,

Gen Tech Environmental, Inc. has completed the Soil and Groundwater Investigation for the above referenced site. Please call if you have any questions.

Sincerely,

Gen Tech Environmental, Inc.

Stuart Solomon

Principal

Christopher M. Palmer

C. E. G. 1262

attachments

DiSalvo Oakland

Project No. 9344

Page 1

№ 1262 Certified Engineering

GEOLOGIST

OF CALLED

TABLE OF CONTENTS

		•	Page
Introduction			3
Field Methods	•	atory Soil Borings ring Well Construction	3
Well Head Surve Table 1.		Elevation Data	4 4
Monitoring Well	Developmen	ıt	4
Borehole Ground	dwater and M	Ionitoring Well Sampling	4
Subsurface Cond	ditions		5
Chemical Analys	is and Result	es .	5
		Chemical Data r Chemical Data	6 6
Discussion			7
Conclusions and	Recommend	ations	7
Limitations			8
F F F	Figure 2. Site Figure 3. Ex Figure 4. So Figure 5. Gr	e Location Map e Plan Tank Location and Previous Excavation Map ploratory Boring and Monitoring Well Map il Chemical Results roundwater Elevation Contour Map, April 14, 1994 PH Diesel Concentration Map, April 14, 1994	
	Appendix A. Appendix B. Appendix C. Appendix D.	GTE Sampling Protocols Exploratory Boring Logs and Monitoring Well De and Elevation Survey Data Well Development and Groundwater Sampling In Chemical Analytical Reports and Chains-of-Cust	formation Sheets

Introduction

Four underground storage tanks and product line piping were removed in 1989 by Gen Tech Environmental, Inc. (GTE) (see Figures 1 and 2). At that time, significant diesel fuel contamination (both dissolved and separate phase) was observed and an interim cleanup of soil and groundwater was performed. Also, a previously unknown pipeline (suspected to be a petroleum refinery line) was discovered, which leaked petroleum into the open excavation. Excavated soil was treated by biologic degradation techniques, and left on-site. Due to financial distress, further site investigation was not performed until this study. A summary report of the previous work was prepared and submitted to the Alameda County Health Services, Department of Environmental Health by GTE (1994).

Field Activities and Methods

Fourteen exploratory borings were drilled at the locations shown on Figure 2. Three boreholes were converted to groundwater monitoring wells. The boreholes were drilled with truck mounted hollowstem auger drilling equipment. All drilling equipment and sampling tools were cleaned prior to arriving, and before leaving the site. The augers were advanced to the desired sampling depth interval, and a drive split spoon sampler driven ahead of the drill bit. The sampler was then retrieved and dissembled, and the soil filled brass liner was sealed with Teflon® paper and plastic endcaps, labeled, logged onto chain-of-custody forms and place in a chilled ice chest.

The boreholes were logged using the Unified Soil Classification System under the supervision of a registered geologist using the attached GTE Sampling Protocol (see Appendix A and B). Additional lithologic information was collected to describe the subsurface geology. Soil samples were field tested using a modified Handy Field Analytical Laboratory Test, which is a quantitative colormetric test for the presence of hydrocarbons. Upon completion of the borehole drilling and collection of information, the boreholes not converted to monitoring wells were backfilled with cement grout, placed from the bottom to top of the borehole.

Monitoring Well Installation

DiSalvo Oakland

Three monitoring wells were installed using the attached GTE Protocol. The wells were cased with Sch. 40 PVC casing threaded together; glues were not used. The slotted interval was a 0.020 inch slot and the annular space around the slots backfilled with a 2/12 size sand. Previous experience has shown this to be a reliable well design in fine grained and stratified depositional environments. Final well design was modified to the site specific conditions encountered in the borehole during drilling. Once the aquifer strata was defined, the casing was lowered to the bottom of the borehole, leaving only a minimal slotted interval above the occurrence of groundwater to observe for floating product. Since groundwater occurs very near the surface at this site, a design compromise was necessary for Alameda County Flood Control and Water Conservation District permit requirements for minimum well annular seals.

The sand pack was placed to a point about two feet above the slots. A bentonite seal was placed atop the sand pack, and a cement grout seal placed atop the bentonite using a tremie line, filling from the bottom to top of the borehole. A traffic rated well head access box and security device completed each well.

Well Head Survey

All wells were surveyed to mean sea level using a known datum to allow accurate measurements and groundwater gradient to be calculated. The elevation data and groundwater elevation data are presented in Table 1 below and the survey data is attached in Appendix B.

Table 1. Groundwater Elevation Data

Well No.	Depth to Grdwtr. (ft)	Casing Elev. (ft.) MSL	Groundwater Elev. ft. MSL
M W - 1	1.26	2.68	1.42
MW-2	1.92	3.50	1.58
MW-2 3	1.33	3.15	1.82
Recovery Well	no reading	3.15	no measurement

MSL - Mean Sea Level

Monitoring Well Development

All monitoring wells were developed to remove the drilling muck, grade the sand pack and provide a more complete hydraulic connection to the aquifer. The well volume was calculated and a number of those volumes will be removed until the water became clear and the amount of sand pumped was minimal. The well will be allowed to recover for at least 72 hours prior to sampling. A log of the development was kept for each well (see Appendix C).

Borehole Groundwater and Monitoring Well Sampling

Each exploratory boring and monitoring well was sampled. The ground water samples collected from the boreholes were used for a reconnaissance of the size and location of the contaminant plume. The boreholes and wells were sampled using the attached GTE Sampling Protocol. A brief summary of these procedures follows: Each borehole was advanced into the aquifer and temporarily cased. The groundwater entering the borehole was sampled using a clean bailer, and carefully poured into the appropriate laboratory prepared container with minimum cavitation.

Each monitoring well was purged using calculated well volumes based upon the depth to water in each casing. Depth to groundwater measurements were made to the nearest one-one hundredth of one foot, and each well checked for the presence of separate phase product. As each purge

volume was removed, measurements of pH, electrical conductivity and temperature were taken until those parameters stabilize, which is interpreted as aquifer water entering the casing. The sample was carefully collected with a clean baller and poured into the appropriate laboratory prepared container with minimum cavitation (see Appendix C).

Each groundwater sample was labeled, logged onto a chain-of-custody form, and placed in a chilled ice chest. Upon completion of the borehole sampling, the borehole will be sealed. Upon completion of well sampling, the well was closed and locked and the sampler will move to the next sampling point.

Subsurface Conditions

Fourteen exploratory soil borings were advanced on-site at the locations shown on Figure 2. The site is located at the fringe of the San Francisco Bay, and the region appears to have been filled to create land and lift the surface roughly 5 feet above the high tide line. The site is underlain by artificial fill, silty clay, silt, clayey sand and peat (in which thin fine grained sand laminae and beds occur). The artificial fill caps the entire site and is assumed to be landfill placed prior to development. The artificial fill may contain concrete, asphalt and gravel and varies from 1- to 3-feet across the site, although locally it may be as thick as 6-feet. Contamination was observed in boreholes EB-1, 2, 3, 4, 6 and 11 and MW-1, 2 and 3. Floating product (1/32nd inch thick) was observed in Well MW-2. A film of locating product underlie the fill and grade into each other laterally and vertically. Reduced vegetation was observed in the underlying clay in rootholes, and may represent the top of the younger Bay Mud.

Groundwater was encountered in each borehole at depths of about 1- to 3.5-feet, and groundwater appeared to be unconfined and to enter the boreholes slowly. The boreholes were advanced to a maximum depth of 12-feet, into a clay strata. Depth to groundwater measurements yielded an estimate of a westerly flow direction, under an estimated gradient of 0.0016. Given the proximity to the bay fringe, tidal changes may affect the site (see Figures 2, 3, 4, 5 and 6).

Chemical Analysis and Results

Six soil and fourteen groundwater samples were analyzed at a State certified analytical laboratory. Selected samples were tested for the following: Tetal Petroleum bydrocarbons as Gasoline (TPHG), Total Petroleum Hydrocarbons as Diesel (TPHD), Benzene (B), Toluene (T), Ethylbenzene (E), Xylene (X), and Oil and Grease (OG) using EPA Methods 3550, 3510/8015, 5030, 5520, 8015, 8020 and 602. The results are attached (see Appendix D) and listed below in Tables 1, 2 and 3.

TABLE 2. SOIL BORING CHEMICAL DATA

Sample No.	TPHG mg/kg	TPHD mg/kg	B 	T all	E ug/kg	X 	OG mg/kg
MW#1@C/F	ND	4.4	ND	ND	ND	ND	ND
MW#2@C/F	ND	29.000	ND	ND	ND	ND	80,000
MW#3@C/F	250	7750	180	ND	2,100	2,000	110
EB-3@C/F	ND	ND	ND	ND	ND	ND	ND
EB-5	ND	ND	ND	ND	ND	ND	180
EB-6	ND	2.5	ND	ND	ND	ND	ND
EB-8	ND	ND	ND	ND	ND	ND	ND
EB-11*	ND	7.5	ND	ND	ND	ND	ND

C/F - Contact between artificial fill and native sediments, see boring logs for depth. *Reported as CB in Oil and grease results by laboratory mg/kg - Milligrams per Kilogram

mg/kg - Milligrams per Kilogram ug/kg - Micrograms per kilogram

TABLE 2. GROUNDWATER CHEMICAL DATA

Sample	TPHG	TPHD	В	Т	E	X	OG
No.	ug/I	ug/l		- ug	/		ug/l
EB-1GWS	ND	240	ND	ND	ND	ND	ND
EB-2GWS	2,500	64,000	ND	1.2	ND	ND	100
EB-3GWS	ND	330	ND .	ND	ND	ND	ND
EB-4GWS	200	73,000	200	ND	0.80	4.4	38
EB-5GWS	ND	ND	ND	ND	ND	ND	ND
EB-6GWS	94	650	ND	ND	ND	ND	ND
EB-7GWS	ND	ND	ND	ND	ND	ND	ND
EB-8GWS	ND	ND	ND	ND	ND	ND	ND
EB-9GWS	ND	ND	ND	ND	ND	ND	ND
EB-10GWS	ND	220	МD	ND	ND	ND	3.4
EB-11GWS	ND	290	ND	ND	ND	ND	ND
M W - 1	ND	ND	ND	ND	ND	ND	ND
MW-2	FP	FP	FP	FP	FP	FP	* * FP 🐉
M W - 3	250	₹ 700	ΝĐ	ND	ND	1.2	1.7

FP - Floating Product, monitoring well sample not collected.

ND - Not Detected

mg/l - milligram per liter

ug/l - microgram per liter

Discussion

The site is located at the fringe of the Bay, and in an area of artificial fill overlying the native bay mud deposits. The diesel was observed to be present on groundwater at a depth of about 3-to 4-feet in 1989 during the initial tank removal and interim site cleanup. Soil excavated and treated at that time is on-site in piles or berms along the front (northeastern corner) and rear (southern fenceline) of the site. Aeration and biological treatment of the soil is discussed in previous reports (see Geo-Environmental June, 1989 and Aqua Terra letter of July, 1989) (see Figure 2).

Exploratory boreholes revealed that diesel is present in boreholes EB-2, EB-4, EB-6, EB-10, MW-2 and MW-3 (see Figures 3 and 4). The diesel appears to have spread laterally since 1989, and is present in the fill porosity. Diesel is also present in the existing recovery well and is assumed to have collected in the recovery trench (although direct observations were not made). These contaminants appear in soil samples at the contact between the fill and native soil (which corresponds to a depth of roughly 3 feet (and the occurrence of groundwater) at most locations. Contaminant migration has occurred toward the truck access gate, but overall migration appears very slow. The presence of peat may tend to retard the diesel movement by absorption onto the carbon-rich deposits. The appearance of the diesel is black and oily and is interpreted to have been undergoing some microbial degradation.

A relatively slow groundwater movement is inferred from the groundwater measurement data. Overall site groundwater movement is westerly under a very flat gradient (see Figures 5 and 6). This probably is the cause of the lateral, yet constricted plume movement. Given the location very near the bay fringe, tidal influences may affect flow. The very clayey aquifer strata and artificial fill, appear to have limited downgradient migration of the plume, however lateral and northerly cross gradient spreading of the plume is apparent when compared to the 1989 data. The plume is currently located within site boundaries, except for the eastern edge which interpreted to be just off-site under Tidewater Avenue.

Conclusions and Recommendations

Previous work has removed the contaminant sources. Diesel contamination occurs in the artificial fill and at the capillary fringe. Native sediment occurs below roughly three feet, and peat strata occur on the western side of the site. The contaminant plume is located under the site, and appears to have spread laterally since the work done in 1989. The groundwater flow gradient is currently westerly and is very flat. The predominant contaminant is diesel fuel, with minor gasoline and benzene contributions. Plume movement is very slow, although the most elevated concentrations have moved north of the pipeline and tank leak sources. The plume is almost entirely on site, with the exception of the eastern plume edge that is interpreted to be just off-site under Tidewater Avenue.

GTE recommends that the existing product recovery well and trench system installed in 1989 be reactivated. This approach should be effective in capture of the plume, as supported by its previous use. The existing wells should be placed on a quarterly monitoring schedule. The recovery well/trench system and its effectiveness would be evaluated after six months of operation, and modified as needed.

Limitations

This report has been prepared for the specifically for the site at 4919 Tidewater Avenue site, and was done according to the State and local agency suggested guidance documents for these investigations. The interpretations, conclusions and recommendations made herein are based on the data and analysis for the soil and water samples collected on-site and should be reviewed in the context of the whole report and previous work at this site. Please note that reports of contamination must be submitted to the agencies in a timely manner. Gen Tech Environmental, Inc. is not responsible for errors in laboratory analysis and reporting, or for information withheld during the course of the study, and no warranty or guarantee is expressed or implied therein.

References

Gen Tech Environmental, Inc. report dated March 23, 1994 entitled, "Summary Report of Previous Site Activity Di Salvo Trucking, 4919 Tidewater Avenue, Oakland, CA," Project No. 9407, 11 pages with attachments.

Letter dated February 24, 1994, File: 01-0495 and 2198.17, to Mr. Charles Lawlor of DiSalvo Trucking Co. 660 Mariposa Street San Francisco, CA 94107 from the California Regional Water Quality Control Board San Francisco Bay Region, re: Legal Request for Submittal of a Technical Report Resulting from the Alameda County Department of Environmental Health's Pre-Enforcement Review Panel Meeting on January 18, 1994.

Gen Tech Environmental, Inc. letter to Charles Lawlor, dated October 11, 1993 Re: 4919 Tidewater, Oakland, CA-Hydrant Piping Leak Evaluation, 2 pages with attached photographs.

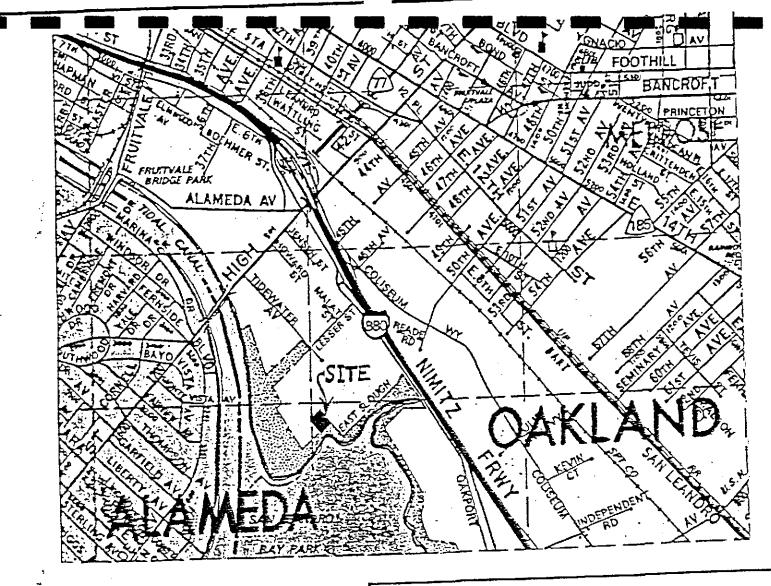
Geo-Environmental Technology Inc., report dated March, 12, 1991, entitled, "Contaminated Site Interim Report."

Aqua Terra Technologies letter to Mr. Stuart Solomon, GET, dated July 7, 1989, re: Stockpiled Soil deSalvo Trucking Oakland, CA, 3 pages with attached chemical data.

Geo-Environmental Technology Inc., report dated June 15, 1989, entitled, "Technical Report Preliminary Investigation."

Geo-Environmental Technology Inc., report dated, "Declassification of Contaminated Soil Report."

Geo-Environmental Technology Inc., report dated April 27, 1989 entitled, "Underground Tank Removal Report," 6 pages with attachments.



Base map from Thomas Bros. Map Series

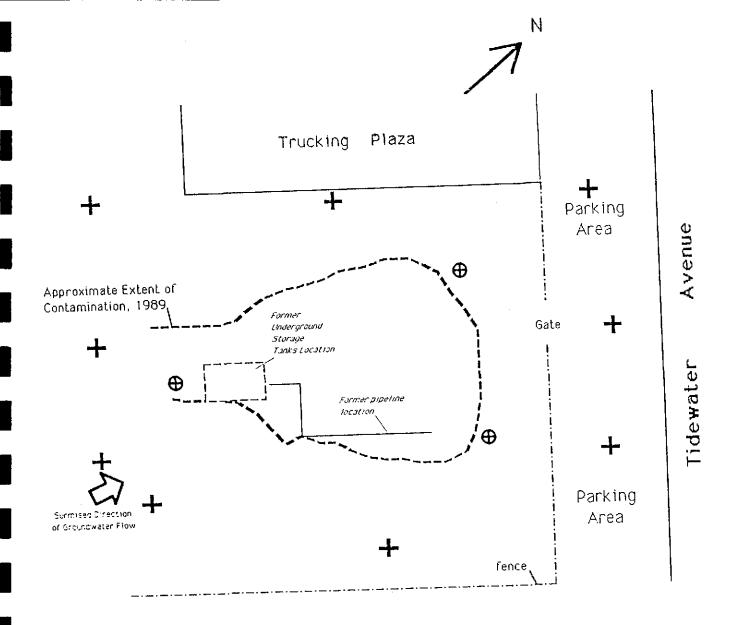
Gen-Tech Environmental

SCALE: 1"=2200' VICINITY MAP

DATE: 6-10-89

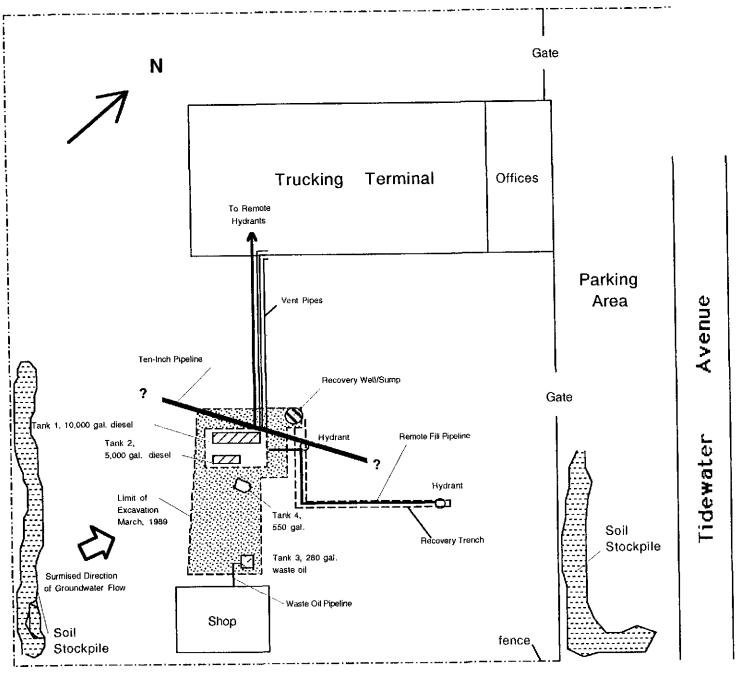
DISALVO TRUCKING

DISALVO TRUCKING 4919 TIDEWATER AVENUE OAKLAND, CALIFORNIA



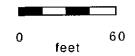
- Proposed Monitoring Well Location
- Proposed Exploratory Boring Location

Proposed Exploratory Boring and Monitoring Well Locations DiSalvo Trucking 4919 Tidewater Avenue Oakland, CA Project No. 9344 Scale: 1" = 50' Date: Mar., 1994 Figure 1



Notes: Information presented taken from Geo-Environmental Technology, Inc. June, 1989.

Tank No. 4 discovered during excavation, apparently used for petroleum storage. Ten-inch pipeline discovered during excavation, possible related to oil refinery use in area, original source unknown.



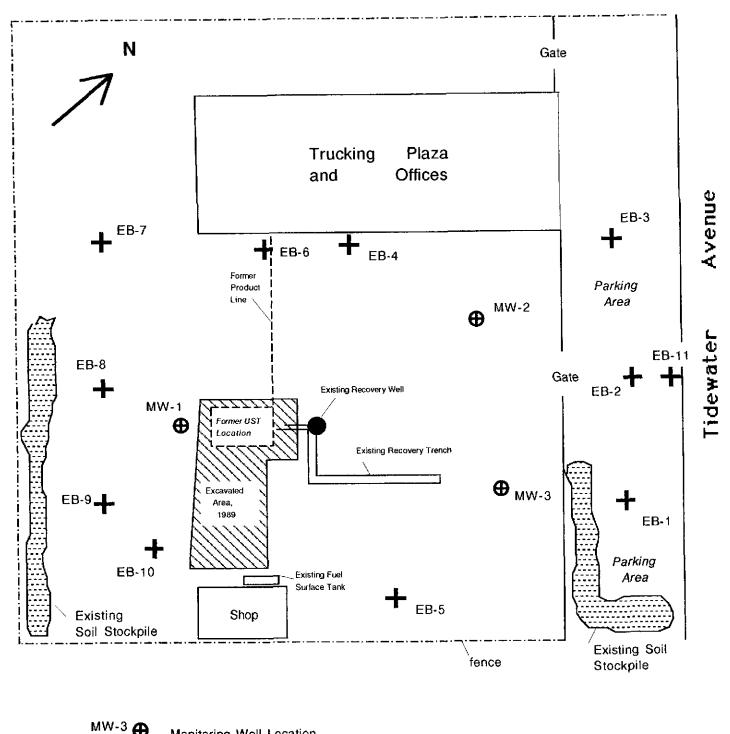
Gen Tech Environmental, Inc. San Jose, CA

Site Plan Tank Location and Previous Excavation Map DiSalvo Trucking

4919 Tidewater Avenue Oakland, CA

Project No. 9344 Scale: 1" = 60' Date: Mar., 1994

Figure 2



MW-3 Monitoring Well Location

EB-5 Exploratory Boring Location

0 feet 60

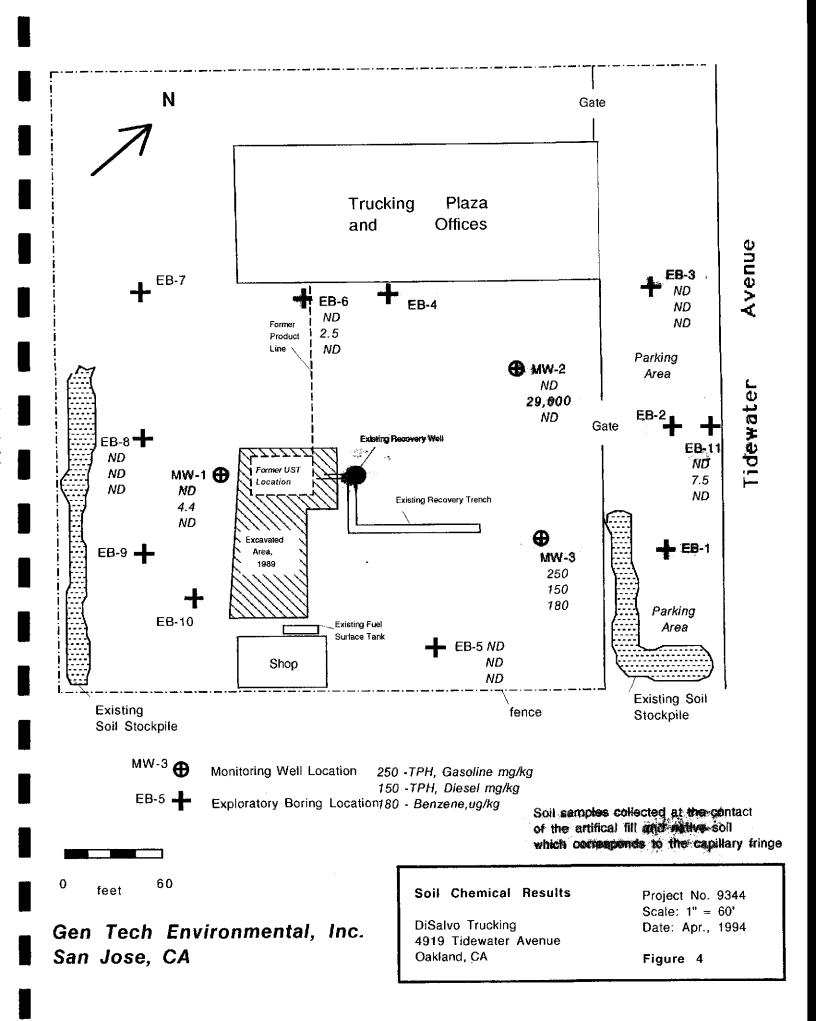
Gen Tech Environmental, Inc. San Jose, CA

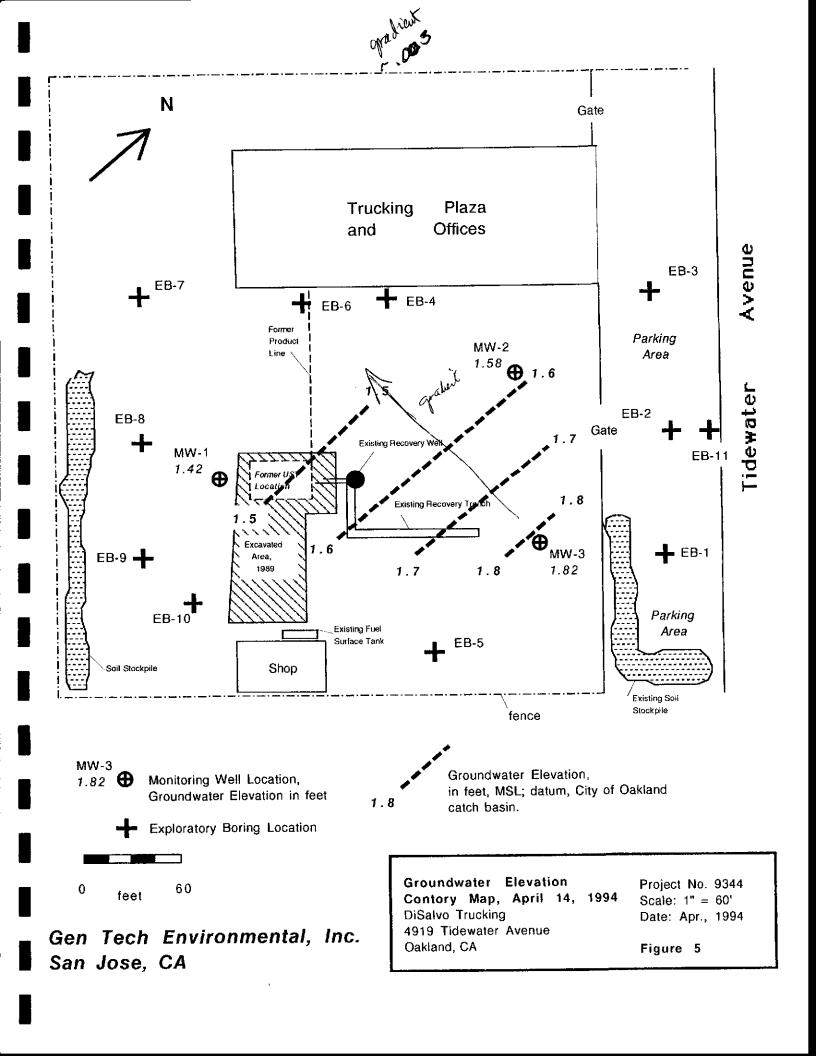
Exploratory Boring and Monitoring Well Locations
DiSalvo Trucking

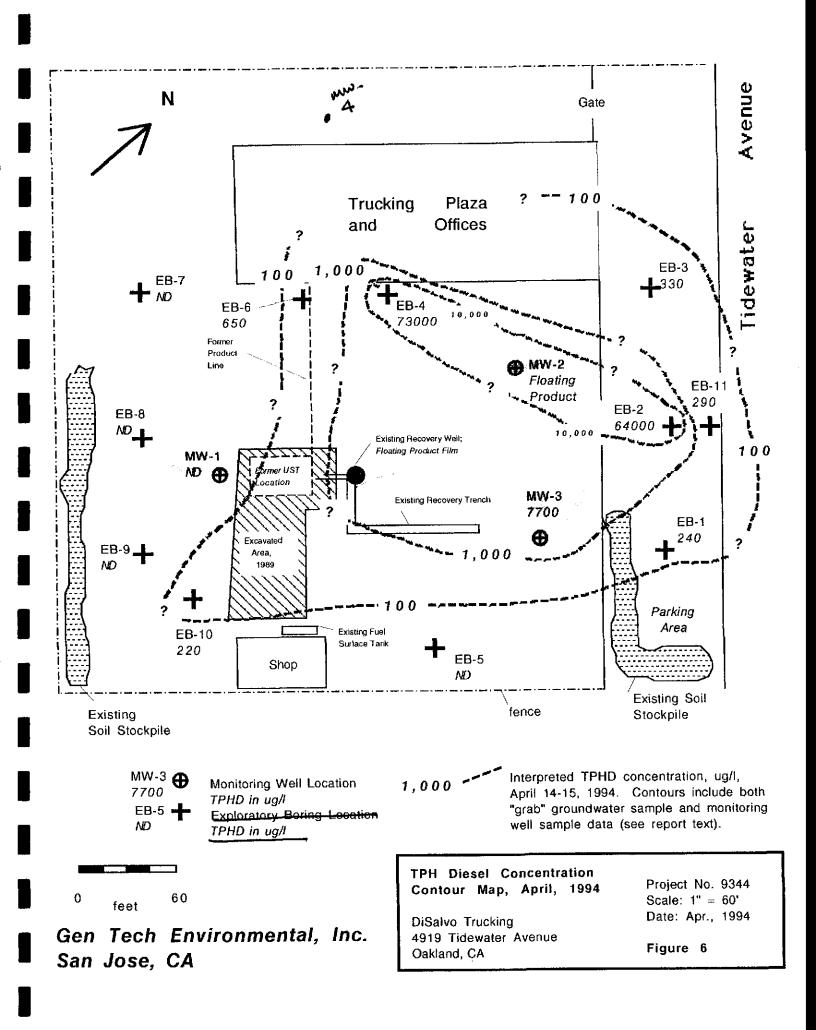
4919 Tidewater Avenue Oakland, CA Project No. 9344 Scale: 1" = 60' Date: Apr., 1994

_. .

Figure 3









Tel. (408) 559-1220 • Fax (408) 559-1228 • 1-800-499-1220

GEN TECH ENVIRONMENTAL, INC. DRILLING, SEALING WELL CONSTRUCTION AND SAMPLING PROTOCOL

Last Rev. 4/5/93 Exploratory Boring Drilling and Sealing

Exploratory boring and well construction, and borehole sealing procedures follow guidelines recommended by the USEPA, California Regional Water Quality Control Board, and modified as required by City, local or water district agencies. Drilling is performed only under approved permits and boreholes are sealed upon completion.

Soil Sampling Procedures

- 1. Drive (or hydraulically push) soil sampling will commence at a depth of 5 feet below surface grade. The samples will be taken at 5 foot increments and at intervals of geologic interest or obvious contamination. Additional sampling and/or continuous coring may be done at the discretion of the supervising geologist. All logging will be done using the Unified Soil Classification System, together with pertinent geologic observations.
- 2. Soil sampling tools (split spoons, cores, etc.) will be disassembled, steam-cleaned or cleaned in soapy (TSP) water, rinsed with clean tap water and finally rinsed with or distilled water, and air-dried prior to taking each sample. The cleaned tools will then be reassembled with similarly cleaned, dry brass sample liners and carefully lowered into the hollow stem augers for the collection of the next sample. The drill rig will be decontaminated as needed and at the discretion of the logging geologist.
- 3. When sampling stockpile soils or during excavations, the soil sample will be collected by the following procedure; a clean brass liner will be pushed into the stockpile or soil in the excavator bucket. About two inches of soil will be brushed away and the liner pushed into the soil. The liner is then removed, sealed, labeled and logged onto chain-of-custody forms and packed in a chilled ice chest.
- 4. The soil samples in the lowermost of brass liners in the sampling tool (if in good condition) will be retained for chemical testing. The samples will be labeled and sealed in the field in their original liners. Sample liners ends will be sealed with aluminum foil, capped with clean cap plugs, and taped.

GTE Protocol Page 2

5. The remaining soil sample will be extruded from the other rings in the field and lithologically logged. Sampler shoe cuttings, drill rig response and bit penetration rate will also be logged. The cuttings and the soils samples not retained for chemical analysis will be placed in 55-gallon drums pending chemical analysis and off-site disposal.

6. All samples retained for chemical analysis will be stored on ice in a clean, covered cooler-box for transport to the Laboratory.

Reconnaissance Groundwater Sampling Procedures

- 1. Reconnaissance groundwater sample, handling, and storage will follow guidance documents of the Environmental Protection Agency and Regional Water Quality Control Board and local agency guidelines for the investigation.
- 2. Reconnaissance groundwater samples will be collected in the field in temporarily cased exploratory boreholes using clean Teflon or disposal bailers. The samples will be collected from temporarily cased exploratory boreholes. All sample containers will be properly prepared, sealed, labeled, and identified. Label information will include the date, sampler name, sampling time, and identification number, and the project name and number.
- 3. The sample will be delivered to a State Certified Laboratory within two days of collection. Samples will be kept on ice and/or refrigerated continuously for shipment to the Laboratory.
- 4. The sealed sample will only be opened by Laboratory personnel who will perform the chemical analysis.
- 5. The samples will be analyzed according to the approved EPA Method and storage for the requested analysis.
- 6. Groundwater sampling will begin 24 hours following well development, following the procedures detailed below for monitoring well sampling. Depth to water measurements are made to the nearest 0.01 foot a surveyed datum (project or known) and wells are checked for separate phase product. Boreholes are sealed following water sampling.

Monitoring Well Construction

- 1. The proper permits will be obtained from the appropriate agency or Water District, using a Well Inspector as required to be present to witness the installation of the annular seal. The soils borings will be drilled with a continuous-flight hollow-stem auger of at least 3 inches Inside Diameter (ID) and 6 to 8 inches Outside Diameter (OD). All augers will be thoroughly steam-cleaned prior to visiting the site. The augers will be steamed cleaned between borings at a location well away from the proposed borings or adequate clean auger will be available to complete all of the wells without reusing auger sections.
- 2. A geologic drilling log will be made of the materials encountered and sample depth for each boring. The soils/sediment lithology will be logged using the Unified Soil Classification System. The log will include field descriptions of the soil lithologic variations, moisture conditions, geologic data, and any unusual characteristics which may indicate the presence of chemical contamination.
- 3. The borings will be advanced to a depth of 45 feet if a saturated zone is not encountered (in absence of other depth specifications). If a saturated zone is encountered, the boring will advance no further than 15 feet below first encountered groundwater or 5 feet into the underlying clay aquitard. A seal will be placed in the overdrilled portion of the aquitard.
- 4. During the drilling operations, 55-gallon drums will be on site to contain potentially contaminated soils and rinse water.
- Where borings are completed as groundwater monitoring wells, 2-inch ID schedule 40 PVC blank pipe will be used. Usual well screen selection will be 2 inch ID Schedule 40 PVC pipe with 0.020 inch machine slot. Sections will be threaded and screwed together; glues will not be used. Screens will extend 3-5 feet above first The annulus of the perforated section encountered groundwater. will be packed with clean #3 or #4 Monterey Sand, or equivalent, to a point about 2-feet above the screen interval. Final well design will be adjusted in the field to site specific subsurface conditions, and will be placed so as not to interconnect two possible aquifers. Screens will extend a nominal length above first encountered groundwater for floating product detection. A 1-2 foot thick bentonite seal will be placed on top of the sandpack. cement annular seal which extends to the surface will be placed by tremie line from the bottom to top of the remaining annular space above the bentonite.

GTE Protocol Page 4

6. The top of the well casing will be locked to prevent contamination and tampering. Above-grade or at-grade well completion will depend upon the final well location. Above-grade completion will require a 6 inch diameter locking, steel protective casing and a Christy, or equivalent, traffic box and concrete pad.

Monitoring Well Development

- 1. Wells will be developed until the water is free of fine-grained sediments and/or until field measurements of pH, and electrical conductivity have stabilized. Approximately 4 to 10 well volumes of water will be removed during development of the well. Duration of development will be specific for each well and continue until the water clears and sand content is minimal or ceases.
- 2. Equipment inserted into the well during development will be decontaminated by washing or steam cleaning prior to and after its use. Development water will be collected in drums.

Monitoring Well Sampling

- 1. Depth to groundwater will be measured to the nearest 0.01 foot, and the well checked for presence of separate phase product. If present, the apparent thickness of the product will be measured. The well will not be sampled if separate phase product is present.
- 2. The standing well volume calculated, and 4 to 10 well volumes will be purged from the well prior to sampling. Measurements of conductivity, temperature and the pH of the water will be taken until parameters have stabilized to indicate that aquifer water is entering the well.
- 3. The groundwater samples will be collected using a Teflon Bailer. A field log will record sampling measurements and observations. Aquifer parameters which will be measured are; pH, temperature and electrical conductivity. Aquifer water is assumed to be entering the well when these parameters are measured within a 10% range. The sample will be collected when the well recovers to within 80% of the original depth to water measurement.
- 4. The bailer will be thoroughly steam-cleaned or cleaned with soapy (TSP) water, rinsed with tap water, and finally rinsed with deionized or distilled water prior to the collection of each sample. A separate clean bailer will be used to sample each individual well.

GTE Protocol Page 5

5. All water retained for chemical analysis will be placed in clean, borosilicate, 40ml VOA vial with a teflon cap, or clean amber glass one-liter bottles and other sample containers as appropriate for water sampling purpose and test parameters. Each sample vial or bottle is topped-off to avoid air space, and will be inverted to check for air bubbles, and filled to minimum headspace. samples will be placed on ice, blue ice, or refrigerated at 4 degrees Centigrade at all times.

- 6. Water samples blanks of distilled water will be poured through the sampling bailer and placed in clean sample collection bottles or vials. One water sample blank will be taken for each set of water samples collected from each boring or well.
- 7. All sampling equipment will be decontaminated following each sampling event, prior to use the next monitoring well.

Sample Records and Chain of Custody

- 1. Sample records for each sample will contain information on sample type and source; Gen-Tech Environmental project number, sampler name, sampling date, location, Laboratory name, sampling method, and any significant conditions that may affect the sampling.
- 2. A signature Chain-of-custody and transference documentation will be strictly maintained at all times.
- 3. A copy of the Laboratory sample results and the completed Chain of Custody will be provided with the technical report.

Quality Control and Quality Assurance Objectives

employed by GTE sampling and analysis procedures groundwater sampling and monitoring follow quality assurance and quality control (QA/QC) guidelines set out in Federal, State and local agencies guidance. Quality assurance objectives have been established to develop and implement procedures for obtaining and evaluating water quality and field data in an accurate, precise and In this way, sampling procedures and field complete manner. comparable is information that provide measurements Quality control is representative of actual field conditions. maintained by site specific field protocols and requiring the analytical laboratory to preform internal and external QC checks. The goal is to provide data that are accurate, precise, complete comparable and representative.

Page 6

The definitions as developed by overseeing federal, state, and local agency guidance documents for accuracy, precision, completeness, comparability and representativeness are:

- o Accuracy the degree of agreement of a measurement with an accepted reference or true value.
- o Precision a measure of agreement among individual measurements under similar conditions. Usually expressed in terms of standard deviation.
- o **Completeness** the amount of valid data obtained from a measurement system compared to the amount that was expected to meet the project data goals.
- o **Comparability** express the confidence with which one data set can be compared to another.
- o Representativeness a sample or group of samples that reflect the characteristics of the media at the sampling point. It also includes how well the sampling point represents the actual parameter variations which are under study.



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

(510) 484-2600

1 April 1994

Gen-Tech Environmental 1936 Camden Avenue, Suite 1 San Jose, CA 95124

Gentlemen:

Enclosed is drilling permit 94193 for a monitoring well construction project at 4919 Tidewater Avenue in Oakland for DiSalvo Trucking.

Please note that permit condition A-2 requires that a well construction report be submitted after completion of the work. The report should include drilling and completion logs, location sketch and permit number.

If you have any questions, please contact Wyman Hong at extension 235 or me at extension 233.

Very truly yours,

Craig A. Mayfield

Water Resources Engineer III

WH:mm Enc.

APR 4 1994
ANSWLRED

ANAGEMENT

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600 FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE	FOR OFFICE USE
Oakland CA (See attached arap)	PERMIT NUMBER 94193 LOCATION NUMBER 94193
Name D. Salvo Trucking Address 660 Maripusa St Voice Son Francisco, CA Zip 94107	PERMIT CONDITIONS Circled Permit Requirements Apply
APPLICANT Nome Gen Tech Environmental, Inc. Fax 409/559-1228 Address 1736 Camdon Ave. Voice 408/559-1226 City Jen Jose, CA 95/18 Zip 95/24 PPE OF PROJECT V' "Construction General Water Supply Contamination Well Destruction ROPOSED WATER SUPPLY WELL USE Maniforms Well Domestic Industrial Other Quality Municipal Irrigation RILLING METHOD: Mud Rotary Air Rotary Auger	A. GENERAL 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date. 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects. 3. Permit is void if project not begun within 90 days of approval date. B. WATER WELLS, INCLUDING PIEZOMETERS 1. Minimum surface seal thickness is two inches of cement grout placed by tremie. 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet. C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or
DRILLER'S LICENSE NO. Bayland Arilling No. # 374152	heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings. D. CATHODIC. Fill hole above anode zone with concrete placed by
FELL PROJECTS Drill Hole Diameter Casing Diameter Surface Seal Depth Th. Min. Number GEOTECHNICAL PROJECTS	comment: Very shallow groundwater, as shallow as 4 feet below surface
Number of Borings N/A Maximum Hole Diameter in. Depth tt. ESTIMATED STARTING DATE ESTIMATED COMPLETION DATE April 10 (994)	Boreholes will be buckfilled nother cement growth.
I make by agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.	Approved Myman Hong Wyman Hong ADD
APPLICANTS CIMPAlmen/GTE on behalf of SIGNATURE Di Salus Trucking Date March 22,	1994 AMSWERED



STANDARD SYMBOLS

Legend		Penetration
	Soil sample location	Sample drive hammer weight - 140 pounds falling 30 inches. Blows required to drive sampler 1 foot are indicated on the logs
2	Soil sample collected for laboratory analysis	Well Construction
\square	No soil recovery	Annular seal
Δ	First encountered groundwater level	Bentonite seal
A	Potentiometric groundwater level	Sand pack
\boxtimes	Disturbed or bag soil sample	Well riser section
2.5 YR 6/2	Soil color according to Munsell Soil Color Charts	Well screen section

UNIFIED SOIL CLASSIFICATION SYSTEM

U	UNIFIED SOIL CLASSIFICATION STSTEM						
		MAJOR DIVISIONS		GROUP SYMBOLS	TYPICAL NAMES		
\vdash				GW	Well-graded gravels, gravel-sand mixtures, little or no fines		
	ILS al is size	GRAVELS More than half of coarse fraction is larger than No. 4 sieve size	Clean Gravels	GP	Poorly graded gravels, gravel-sand mixture, little or no fines		
1	S SO sterië	RAVEL or than he of coarse than is tartion is tar in No. 4 si size	cls F	GM	Silty gravels, gravel-sand-silt mixtures		
	COARSE-GRAINED SOILS More than half of material is arger than No. 200 sieve size	Mor O fracti than	Gravels with Fines	GC	Clayey gravels, gravel-sand-clay mixtures		
1	I	SANDS More than half of coarse fraction is smaller than No. 4 sieve size	Clean Sands	sw	Well-graded sands, gravelly sand, little or no fines		
	SE-C than I			SP	Poorly graded sands, gravelly sands, little or no fines		
	OAR fore i		Sands with Fines	SM	Silty sands, sand-silt mixtures		
	S Z Œ			SC	Clayey sands, sand-clay mixtures		
-	. 8		Low Liquid Limit	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts, with slight plasticity		
	oll.S erial is			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays		
	ED SC of mate 200 si			OL	Organic silts and organic silty clays of low plasticity		
	FINE-GRAINED SOILS More than half of material is maller than No. 200 sieve size		High Liquid Limit	мн	Inorganic silts, micaceous or diatomaceous fine sandy or silt soils, clastic silts		
				CH	Inorganic clays of high plasticity, fat clays		
	FI Mo smal			OH	Organic clays of medium to high plasticity, organic silts		
ŀ				Pt	Peat and other highly organic soils		

NOTES:

- 1. Boundary Classification: Soils possessing characteristics of two groups are designated by combinations of group symbols. For example, GW-GC, well-graded gravel-sand mixture with clay binder.
- 2. All sieve sizes on this chart are U.S. standard.
- 3. The terms "silt" and "clay" are used respectively to distinguish materials exhibiting lower plasticity from those with higher plasticity.
- 4. For a complete description of the Unified Soil Classification System, see "Technical Memorandum No. 3-357," prepared for Office, Chief of Engineers, by Waterways Equipment Station, Vicksburg, Mississippi, March 1953.

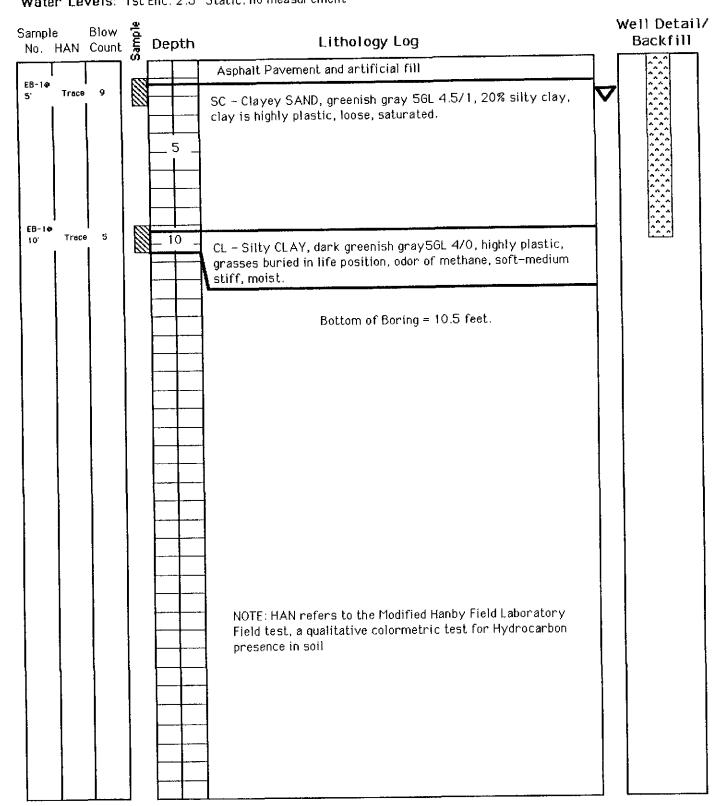
Project No. 9407 Boring/Well No. EB-1

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R Water Levels: 1st Enc: 2.5' Static: no measurement

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal: 10.5 to surface



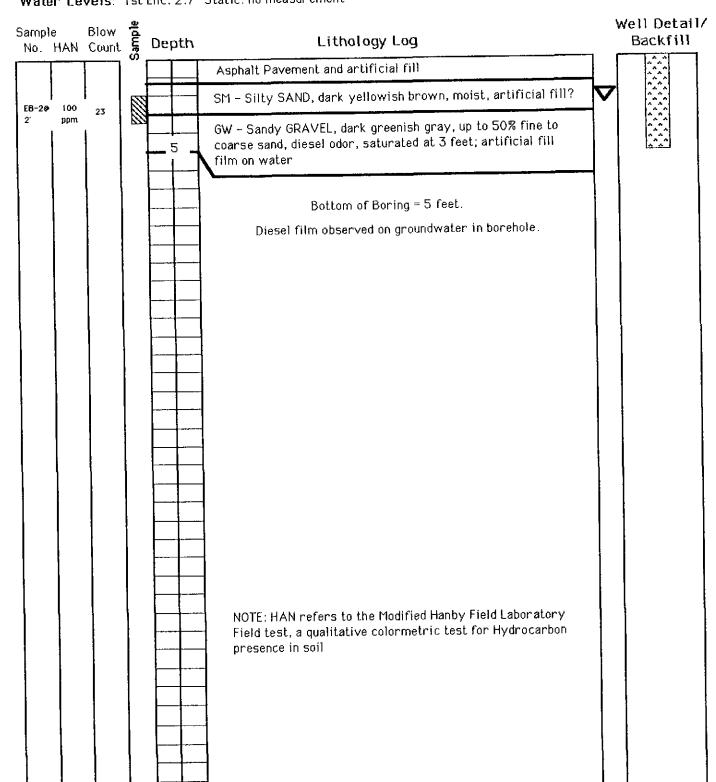
Project No. 9407 Boring/Well No. EB-2

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R Water Levels: 1st Enc: 2.7' Static: no measurement

Exploratory Boring Log

Borehole Completion Well Installed: NO

Cement Grout Seal: 5 'to surface



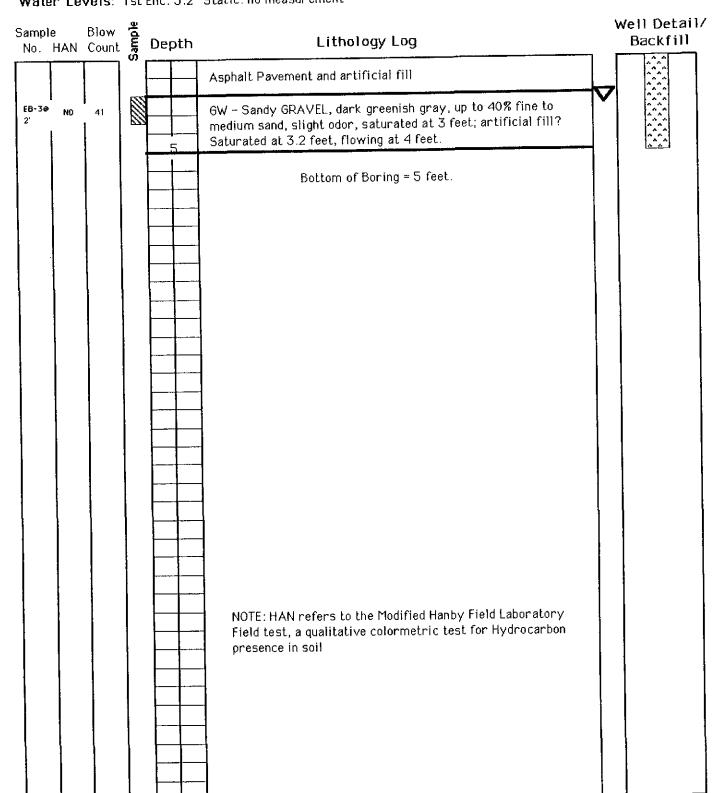
Project No. 9407 Boring/Well No. EB-3

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R Water Levels: 1st Enc: 3.2' Static: no measurement

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal: 5 to surface



Project No. 9407 Boring/Well No. EB-4

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R Water Levels: 1st Enc: 2.8' Static: no measurement Exploratory Boring Log
Borehole Completion

Well Installed: NO

Cement Grout Seal: 5 'to surface

Sample Blow & No. HAN Count Well Detail/ Sample Backfill Lithology Log Depth Asphalt Pavement and and Concrete GW - dark greenish gray 5GY4/1, 40% medium to coarse sand, 10 EB-4@ No loose, moist to saturated, diesel film on water. Test Bottom of Boring = 5 feet. Groundwater entry into borehole, diesel film on water. NOTE: HAN refers to the Modified Hanby Field Laboratory Field test, a qualitative colormetric test for Hydrocarbon presence in soil; test not run if sheen or film on groundwater.

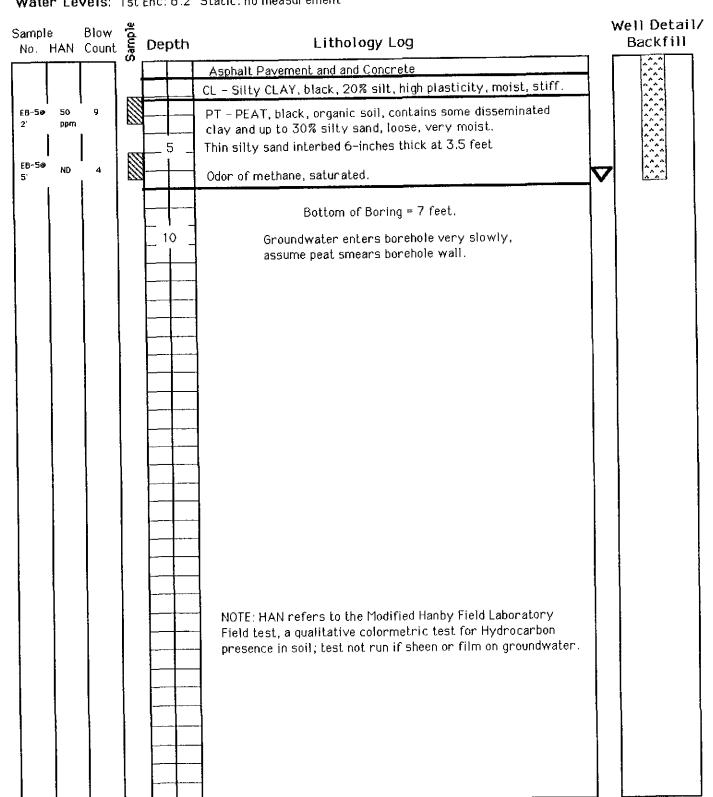
Project No. 9407 Boring/Well No. EB-5

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R Water Levels: 1st Enc: 6.2' Static: no measurement

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal: 7' to surface



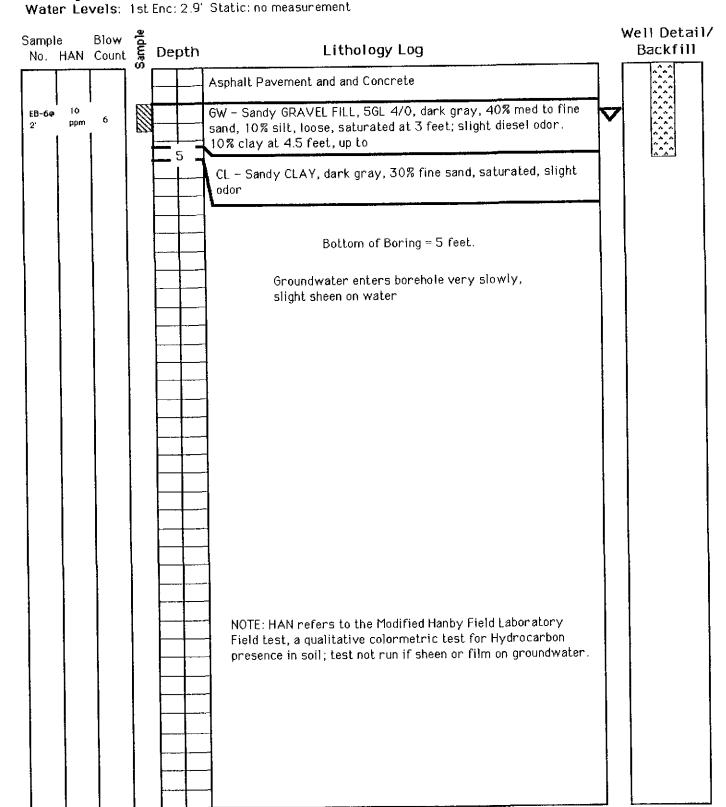
Project No. 9407 Boring/Well No. EB-6

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal: 5' to surface

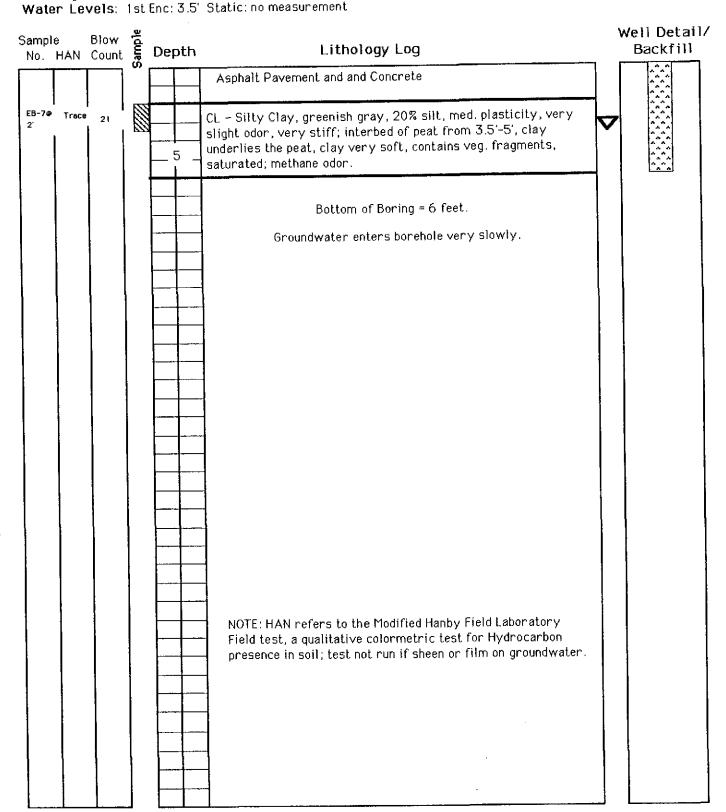


Project No. 9407 Boring/Well No. EB-7

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R

Exploratory Boring Log Borehole Completion Well Installed: NO

Cement Grout Seal: 6' to surface



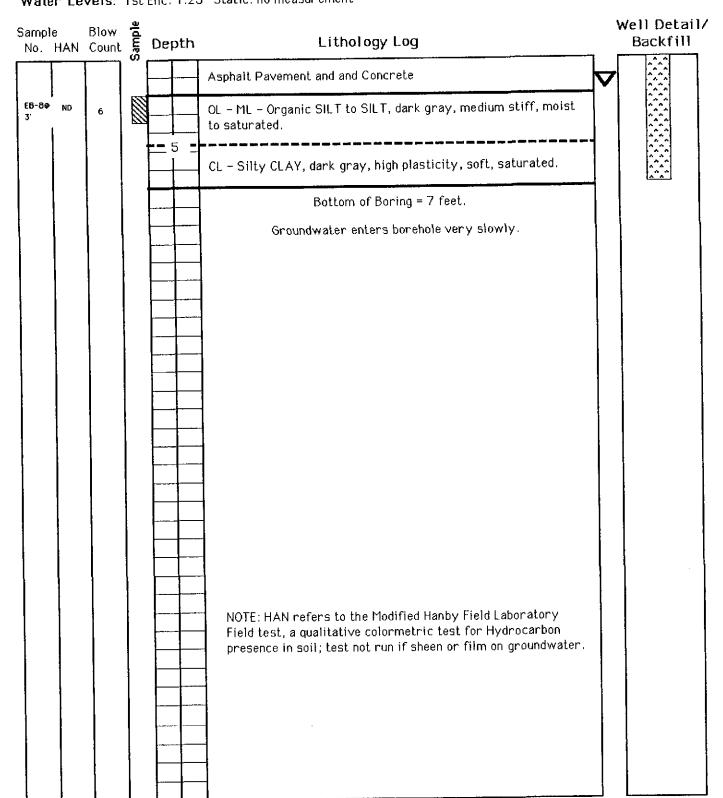
Project No. 9407 Boring/Well No. EB-8

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R Water Levels: 1st Enc: 1.25' Static: no measurement

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal: 7' to surface



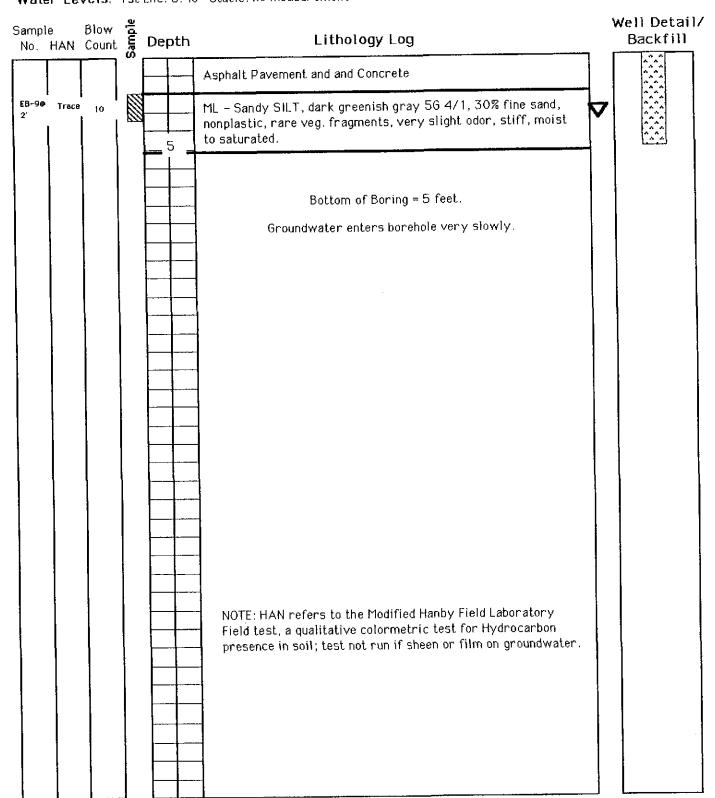
Project No. 9407 Boring/Well No. EB-9

Client: DiSalvo Trucking Date Drilled: April 7, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R Water Levels: 1st Enc: 3.40' Static: no measurement

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal: 5' to surface



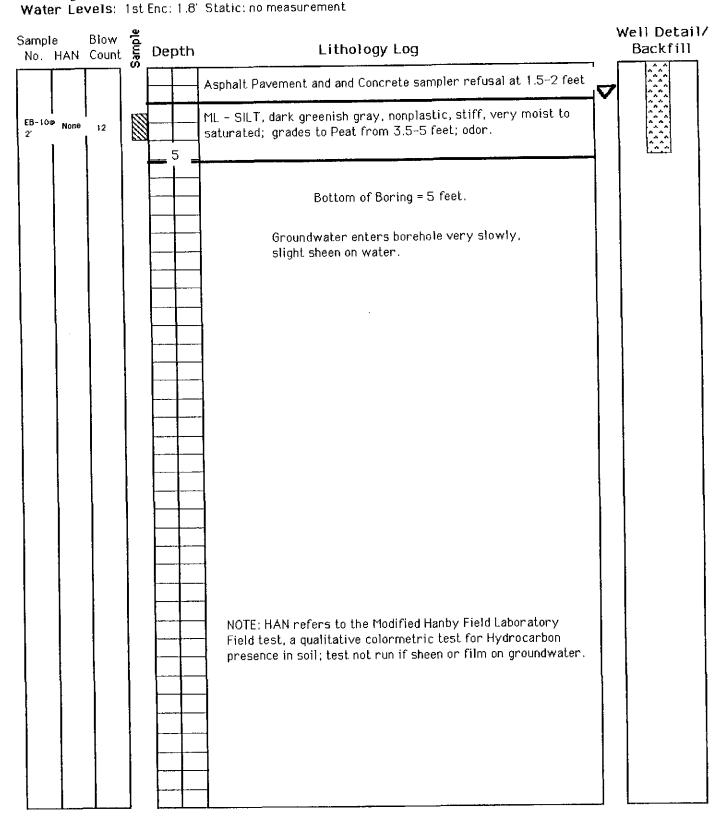
Project No. 9407 Boring/Well No. EB-10

Client: DiSalvo Trucking Date Drilled: April 8, 1994
Location: 4919 Tidewater, Oakland, CA Logged by: EL
Drilling Method: Hollowstem Auger Permit: N/R

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal: 5' to surface



Project No. 9407 Boring/Well No. EB-11

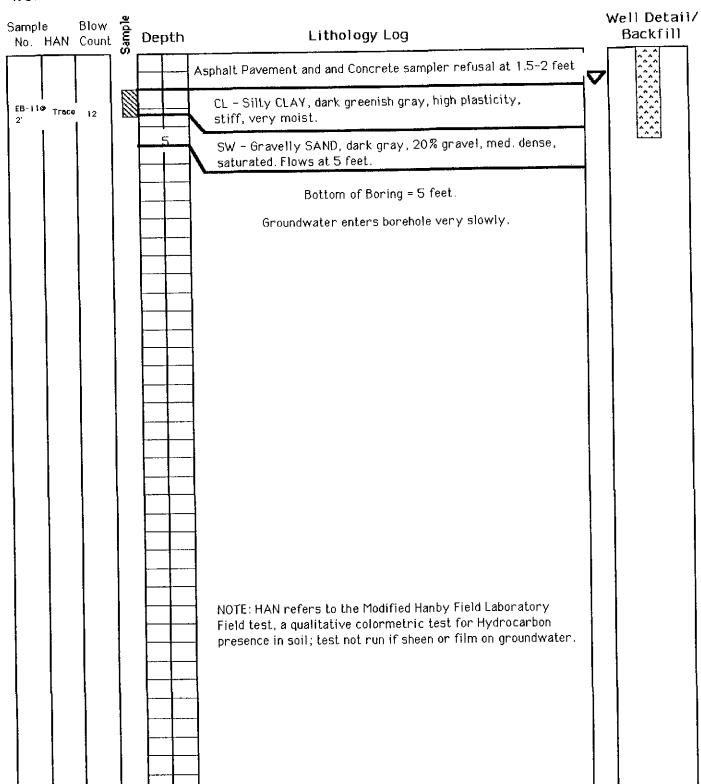
Client: DiSalvo Trucking Date Drilled: April 8, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL Drilling Method: Hollowstem Auger Permit: N/R

Water Levels: 1st Enc: 3.0' Static: 2.57'

Exploratory Boring Log Borehole Completion

Well Installed: NO

Cement Grout Seal; 5' to surface



Gen Tech Environmental, Inc. San Jose, CA

Project No. 9407 Boring/Well No. MW-1

Client: DiSalvo Trucking Date Drilled: April 8, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL

Drilling Method: Hollowstem Auger Permit: ACWCFCD 94193

Water Levels: 1st Enc: 3± Static: no measurement

Exploratory Boring Log

Borehole Completion

Well Installed: 2" dia. PVC sch 40 Total Depth: 8' Casing Depth: 8'

Screen Length: 5' 0.020" Blank Length: 3'

Sand Pack: 2/12 Top Sand: 2.5' Top Bentonite: 2'

Grout Seal: 2' to surface vault box

Sample No. HAI	Blow N Coun	t Sample	Dep	oth	Casing Elev. MSL: 2.68' Lithology Log	Well Detail/ Backfill
MW-1@ Trai		1 📆			Asphalt and Baserock and concrete rubble.	2022
con. fill.	e 66				Artificial FILL, wood, concrete very dense, moist.	22 22
@5' Tes MW-1@ No @7 Tes MW-1@ No @9' Tes	t ; 3		5 5		OM-PT - SILT and PEAT, black, highly plastic, soft, very moist. Same as above. Same as above, thin interbeds of clay in peat.	
			1	0	Bottom of Boring = 8 feet	
				N. 14 N.		
					NOTE: HAN refers to the Modified Hanby Field Laboratory Field test, a qualitative colormetric test for Hydrocarbon presence in soil	

Gen Tech Environmental, Inc. San Jose, CA

Project No. 9407 Boring/Well No. MW-2

Client: DiSalvo Trucking Date Drilled: April 8, 1994

Location: 4919 Tidewater, Oakland, CA Logged by: EL

Drilling Method: Hollowstem Auger Permit: ACWCFCD 94193

Water Levels: 1st Enc: 4.0' Static: 2.5'

Exploratory Boring Log

Borehole Completion

Well Installed: 2" dia. PVC sch 40 Total Depth: 8' Casing Depth: 8'

Screen Length: 5' 0.020" Blank Length: 3' Sand Pack: 2/12 Top Sand: 2.5' Top Bentonite: 2'

Grout Seal: 2' to surface vault box

Sampl No.	le HAN	Blow Count	Sample	Dep	th	Casing Elev. MSL: 3.50' Lithology Log	Well Detai Backfill
	1000	50				Asphalt and Baserock and concrete rubble, diesel saturated base material.	
MW-2@ con. fill. I MW-2@ @5'	ı ppm	for 6"				GW - Sandy GRAVEL, light olive brown, 2.5Y 5/3, 40% sand, strong diesel odor, very dense, saturated at 4', assume contains some artificial fill.	▽
1				5		SM - Silty SAND, dark gray, 50-50% silt and sand, odor, sheen on water in sampler, med. dense, saturated.	
MW-2@ @7' I	No Test	3 I			==	PT - PEAT, black, dissem. clay in peat, very moist.	
				1 () .	Bottom of Boring = 8 feet	
				\			
							:
				-			
						NOTE: HAN refers to the Modified Hanby Field Laboratory	
						Field test, a qualitative colormetric test for Hydrocarbon presence in soil	
						-	

Gen Tech Environmental, Inc. San Jose, CA

Project No. 9407 Boring/Well No. MW-3

Client: DiSalvo Trucking Date Drilled: April 8, 1994 Location: 4919 Tidewater, Oakland, CA Logged by: EL

Drilling Method: Hollowstem Auger Permit: ACWCFCD 94193

Water Levels: 1st Enc: 4.0' Static: 2.0'

Exploratory Boring Log

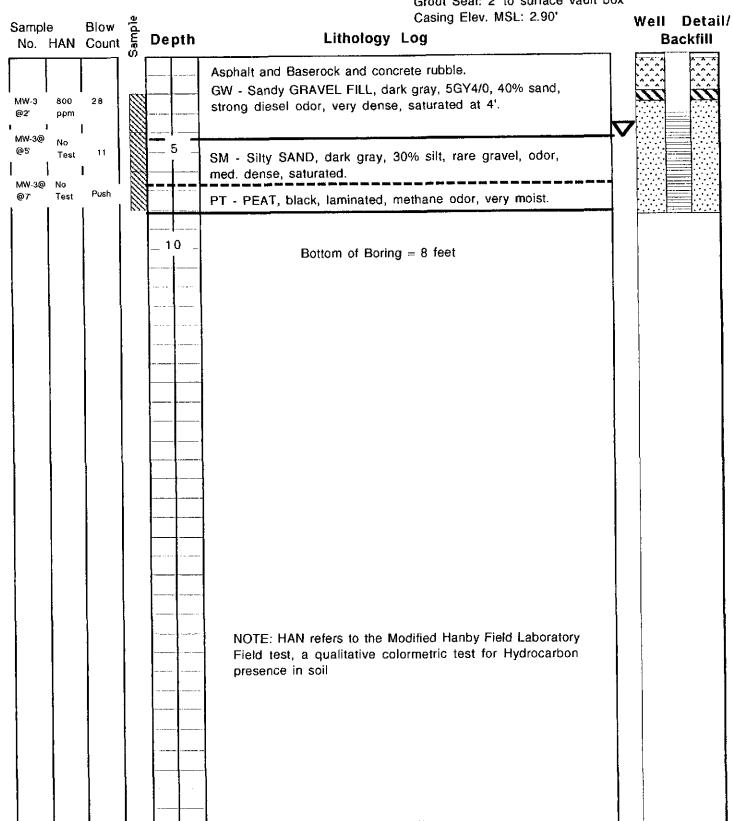
Borehole Completion

Well Installed: 2" dia. PVC sch 40 Total Depth: 8' Casing Depth: 8'

Screen Length: 5' 0.020" Blank Length: 3'

Sand Pack: 2/12 Top Sand: 2.5' Top Bentonite: 2'

Grout Seal: 2' to surface vault box



JAMES RASP P.E. 5134 ELROSE AVENUE SAN JOSE, CALIFORNIA 95124 (408) 448-6768

> Project No. 94041 May 3, 1994

Mr. Chris Palmer Gen-Tech Environmental 1936 Camden Avenue, Suite 1 San Jose, California 95124

Dear Mr. Palmer

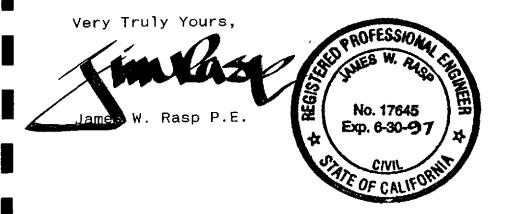
At your direction I determined the locations and elevations of the 3 new monitoring wells and the existing recovery well at the DiSalvo Truck Terminal at 4919 Tidewater Avenue, Oakland, California. The elevations and the distances between the monitoring wells are listed below. This information and the locations of the wells are also shown on the attached sketch.

MW-1	Handhole Lid PVC Well Casing	₹		2.89' 2.68'
MW-2	Handhole Lid PVC Well Casing	9		4.01' 3.50'
MW-3	Handhole Lid PVC Well Casin	9		3.15' 2.90"
Recovery Well	Well Cover PVC Well Casin	9		3.36' 3.15'
MW-1 to M	W-2	224.4	ft.	
MW-1 to M	W-3	242.1	ft.	
MW-2 to M	W-3	109.3	ft.	

The elevation of the flowline of the catch basin at the easterly corner of Lesser Street and Tidewater Avenue, 1.11', obtained from the Oakland Public Works Department was used as a benchmark. The locations on the PVC well casings where the elevations were taken were marked with a black marker. None of the casing caps were locked. The recovery well is a 4" PVC casing and is located in a 4' square concrete vault with an 18"square steel plate cover. It is not secured. There were no abnormal conditions noted during our work on site.

Mr. Chris Palmer Page 2 May 3, 1994

We trust that the above information meets your needs. Should you have any questions or comments please do not hesitate to call me.



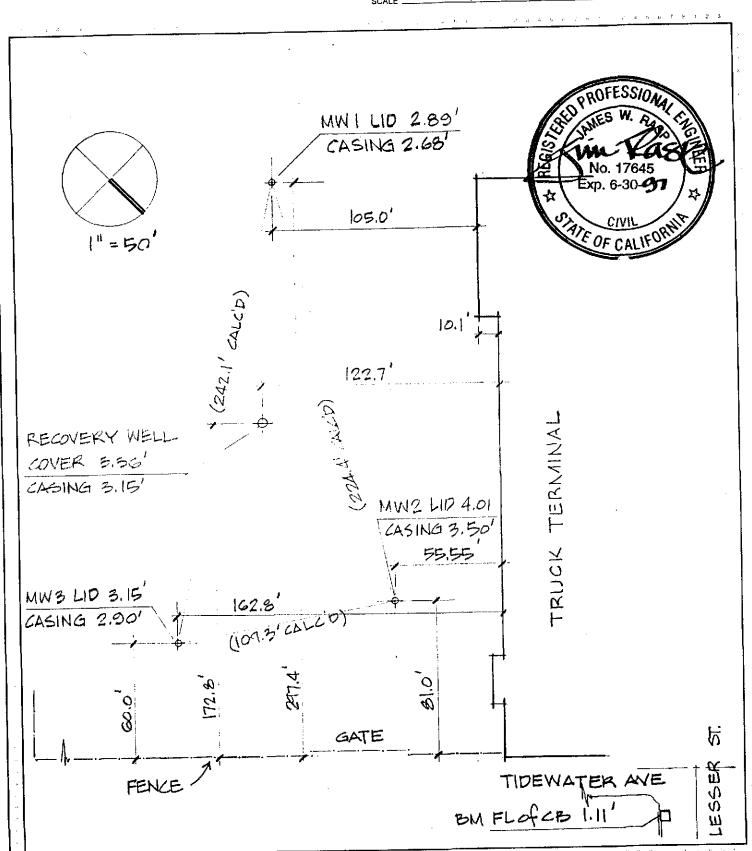
A

JAMES RASP P.E.

Civil and Structural Engineering 5134 Elrose Avenue San Jose, California 95124 (408) 448-6768

JOB 94041 / GENTECH / 1	DISALVO-OAKLAND
CUEST NO	OF
CALCULATED BY JIM RASP	DATE 5/2/94
CHECKED BY	DATE

PRODUCTION Acres of the Manager Transmitted





1936 Camden Ave.. Suite 1 San Jose. CA 95124 (408) 559-1220 (800) 499-1220 Contractor's License No. 615869

WATER-QUALITY SAMPLING INFORMATION

WAI DR-SCHEET			Clibant
Project Name !) 1 GALVO TRUCKETWEE Date		Project No Sample No	MW#I-6WS
DateRMGL ITHE			
Samplers Name MIC LISSOL			
KING WALL DAILY A	VE, OAKUMO CA	1	
Sampling Location 110ema1680 A	1 DISP-	-	337
Sampling Location Outhor & Sampling Method Outhor & Sampling Method	10 4012 - 141 MILLER	-	0,4
Analyses Requested 1.0.61 - 177 VIESE	l supra	a no =	
Number and Types of Sample Bottles used		1,	
Method of Shipment Dackers Is		3	
GROUND WATER	SURFACE WATER	90	
Well No. MW#1 Stream	Width		. 29
Well Diameter (In.) 2' Stream I			20
Depth to Water. 1 26 Stream	Velocity		
Static (RI Rained :	pcently?		
Water in Well Box NOME Other		*	
	ch casing = 0.16 gal/ft		1. DEWHIEN
Height of Water 5,54 4-In	.ch casing = 0.65 gal/ft	LO	CATION MAP
Water Volume in Weil 0,88 9AL 5-In	ich casing = 1.02 gal/ft		-

water voi	ume in Weil.	<u> </u>	6-lnci	n casing =	: 1.47 gal/ft			
TIME	DEPTH TO WATER	VOLUME WITHDRAWN (gallons)	TEMP	pH (S.U.) 7.∞°	COND (mhos/cm) × 1000	OTT	ER VOL	REMARKS
	(feet)	Ø	76.10	6.80	13.95	×	0	NO SHEEN (FIP) NO ODON NO TURBIDITY
11:58	1122	1	72.70	6.80	14.15	×	1	
12:20		2	71.50	6.76	14.22	入	2	-
12:28		3	72.30	6.40	16.79	>-	3	SLOW RECITARSE
12:33		4	11.7°	6.88	18.40	×	4	
12:40	بامد ا	5	71.4°	6.86	17.22	*	5	WANTED FOR RECHANGE
12:45		5,25	11.20	6.86	17.29	<u> </u>		>2" WAYON IN WELL
12:50		5.50	11.20	16.92	1	×	17	
1254		5.75	70.6°	6.94	16.92	×	19	
12:58		6.00	11.00	16.91	16.71	×	19	WATER IS CLEAN
1:02	1 ./	6,25	10.60	6.07	16.55	<u> ^</u> _	10	NO SILT - NOW TURBLU
					<u> </u>	_!		



1936 Camden Ave., Suite 1 San Jose, CA 95124 (408) 559-1220 (800) 499-1220 Contractor's License No. 615869

WATER-QUALITY SAMPLING INFORMATION

Project Name 17. SANJO TRUCKING Date APRIL 14TH 94' Samplers Name CALC USSOL	Project No. 9407 Sample No. WW#2-6w
Name CALL LISSOT	
Sampling Location Sampling Method Deviaure Summer of 01580 process Analyses Requested 1.0.6. 1914 018562 1014 Cars of 97162 Number and Types of Sample Bottles used 2.40 cars of 97162 Method of Shipment process GROUND WATER SURFACE WATER Well No. Mw #2 Stream Width Well Diameter (in.) 2" Stream Depth Depth to Water. 1.92" Stream Velocity Static (ft) Rained recently? Water in Well Box 1/4" which other Well Depth (ft) 7.13' Other Well Depth (ft) 7.13' 4-inch casing = 0.65 gai/ft Ground In Well 5.21' 5-inch casing = 1.02 gal/ft Water Volume in Well 0.83 qal 5-inch casing = 1.47 gal/ft	Si= Si= TIDE WATER LOCATION MAP

				D-111C	- هندخي ۱	- 11-47 Em7, 1-			
TIME	DEPTH WATE	ER :	VOLUME WITHDRAWN (gailons)	TEMP	pH (S.U.) 7.00	COND (minos/cm) × 1000	OT:	ier Vel	REMARKS
<u> </u>	(fee)	2'	0	77.12	7.06	3.71	×	0	JAM PILM 132 PROPU- ON WHICK DOOR WORKPU
1:23pl 1:40p				74.89	<u> </u>	4,41	×	1_	TURBIO (CHEM WHITER)
1.700			2				<u>×</u>	2	TO PLOATING PROPERTY FOULING EQUETING
			3	1			×	3	FOULKE EQUETNER
			4	<u> </u>	<u> </u>	<u> </u>	^ ×	5	
			5		<u> </u>		×	6	
			1 7		<u> </u>		×	7	
			3				1 ×	8	water scienting
	-	1	9			<u> </u>	X	9	TIME OF 10 GAL.
2100	2.5	50'	10			<u> </u>	×	10	FLORTING YROLD.
								<u>!</u>	IND SAMPLE COME



1936 Camden Ave., Suite 1 San Jose, CA 95124 (408) 559-1220 (800) 499-1220 Contractor's License No. 615869

WATER-QUALITY SAMPLING INFORMATION

WAIER-GUADITI		C. 1 (7)
Project Name DI SALVO TR	rupe	Project No. 9407 Sample No. Mw#3-Gw3
Date APRIL 14TH C	4	
Samplers Name GNIC HES	2k	part of the
Troew	INTIM ANG. OAKLAND	, Z.
Secretary of 9	Sample (015085 Fine 1)	ne
Analyses Requested 1.0.6. To	A DIESEL - LPH GRS 1910	
Number and Types of Sample Bottles us	sed 7-40 ml 1000	
Method of Shipment	COO IN ICE	a a
GROUND WATER	SURFACE WATER	- B _C
Well No	_ Stream Width	- 1
Well Diameter (in.) 2"	_ Stream Depth	- mw#3 BB
Depth to Water. 33	Stream Velocity	- 4-75
State (iv	Rained recently?	-
Water in Well Box More	Other	- 🐒
Well Depth (ft)	- 2-Inch casing = 0.16 gal/ft	TIDE WATE
Height of Water 5,62	4-inch casing = 0.63 gal/ft	LOCATION MAP
△ △	AL. 5-inch casing = 1.02 gal/ft	

			6-Inci	a casing =	: 1.47 gal/ft					
тімЕ	DEPTH TO WATER	VOLUME WITHDRAWN (gallons)	TEMP	pH (S.U.) 7.00	COND (mhos/cm) × 1000	OTH ×	VOL		MARKS	
<u> </u>	(feet)	0	76.10	6.95	4.13	×	0	TURBIO(shen worten)	
2.30		1	13.0	6.11	4.07	×	1			
2.42		2	71.3°	6.84	4.15	×	2	: _ <		
2:44	1 1	3	70.6°	6.87	3.78	×	3	SUGAT SHE	AMEGE TEN 685 01014 SYE 1.015205 AMB	1
2.56		4	70.10	6.71	3.06	×	5	المراه المره		-
3:01	1.42/	5	70.3°		1 1	×	16	<u> </u>	<u></u>	
3,06		6	70.00	6.80	1	^ ×	7	<u> </u>	655 TURBIO	
3:08		1	70.3°		1 0 00	×	8	T Jeton To I s		
3:11		3	69,70		2.80	×	CI		2021	-
3:13	1.48/~		69.4		2.90	>	10	SUCHILY SUCHILY	TURBID	-
3:16							<u> </u>			_



1936 Camden Ave., Suite San Jose, CA 95124 Chain of Custody

DATE 4/7/44 PAGE / OF 3 (408) 559-1248 SUBH #: 9404102 CLIENT: GENTECH PURGEABLE HALOCARBONS PROJ. HIGH ENIC LISSON 04/15/94 TPH - Gasoline (5030, 8015) V/BTeX (EPA 602,8020) PURGEABLE AROMATICS BTEX (EPA 602, 8020) BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525) TOTAL RECOVERABLE HYDROCARBONS (EPA COMPANY 6.T.E. REF: 15915 TOTAL OIL & GREASE (EPA 5520 E&F) VOLATILE ORGANICS (EPA 624, 8240, 524.2) ADDRESS 1926 CHILDEN AND #1 PESTICIDES/PCB (EPA 608, 8090) PRIORITY POLL METALS (13) CAM METALS (1 EXTRACTION (TCLP, STLC) SAN JOSE CA 45124 METALS: Cd. (PHONE NO.) SAMPLERS (SIGNATURE) -(400) 559-1248 SAMPLEIA. DATE TIME HOLD 10:00 writer 10:50 12-11-12 Soil 11:40 MATOS 17:00 _ +0 سايلا 12,25 WATCH 12:35 run SOIL RELINQUISHED BY RELINQUISHED BY RELINOUISHED-BY SAMPLERECEIT PROJECT INFORMATION (TIME) (SIGNATURE) WITE TOTAL NO. OF CONTAINERS (SIGNATURE) DI SALVO CHAIN OF CUSTODY SEALS (DATE) (PRINTED NAME) (PRINTED HAME) (PRINTED NAME) PROJECT NUMBER REC'D GOOD CONDITION/COLD (CCMPANY) SHIPPING ID NO CONFORMS TO RECORD (COMPANY) RECEIVED BY (LABORATORY) CCMPARY RECEIVED BY RECEIVED BY VIA: SPECIAL INSTRUCTIONS/COMMENTS: STOWNON 5 DOLY (Bull) (SIGNATURE) (TUAE) GRUTANDIO C/1= sumples taken oft hold per Gri- Cissol 4/11 (PRINTED HAME) (DATE) PRINTED HAME) COMPANY CCMERNY



1936 Camden Ave., Suite San Jose, CA 95124

(408) 559-1248

Ground Chain of Custody

DATE 4/7/94 PAGE 2 OF 3

,				Tar Variation		ANA	YSET	<u> चित्र</u> ीत्म क	1 10 2 2 2	4.00	1	<u> </u>	\	1	! !
63-60 CF 4794 200 CB-60 CF 4794 200 CB-6-6-6-6-6-200 11 200 CB-1-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-	(PHONE NO.) (PHONE NO.) (PHONE NO.) (PHONE NO.) (PHONE NO.) (PHONE NO.) (PHONE NO.)	(EPA 5030, 8015) (EPA 5030, 8015) TPH - Gasoline (5030, 8015) W/BTeX (EPA 602,8020) TPH - Diesel	(EPA 3510/4550, 6015) PURGEABLE AROMATICS BIEX (EPA 602, 8020) PURGEABLE HALOCARBONS	(EPA 601, 8010) VOLATILE ORGANICS (EPA 624, 6240, 524, 2)	D.S.	S/PCB 3080)	PHENOLS (EPA 604, 8040)	HYDROCARBONS (EPA 418.1)	METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	EXTRACTION (TCLP, STLC)			THE THERS
CB-9-6WS 11 8:	.250 WATER											-			4/
10-(0-11-11-11-11-11-11-11-11-11-11-11-11-11	SWL DECE		RELINQUES	IED BY		7 1.	RELINQL	IISHED BY	,		2.	RELINO	WISHED BY	•	3.
PROJECT INFORMATION PROJECT NAME: PROJECT NUMBER CONTROLLED PROJECT NUMBER	TOTAL NO. OF CONTAINERS CHAIN OF CUSTODY SEALS	10	(SIGNATURE) CONC. L (PRINTED NA)	1550 <u> </u>		CINE CINE	ISIGNATU				(DATE)	_	D NAME)		(BLUT)
SHIPPING ID NO	REC'D GOOD CONDITIONIOC		6.T. E				COMPAN	m				(CCIAP)			7
VIÀ:	LAB NO		RECENED			١.	RECEIV					A	Mo	BORATORY TILL	1507 MME
SPECIAL INSTRUCTIONS/COMMENTS: \$	THUDARD SOMY	TION	ISIGNATURE	1		(JIME)	(SIGNAT	URE)			ДІМІТ)	1	Mi	1010W	41-8-94 (DATE)
C/F Sumples	taken ett hor	id	(PRINTED II	AME)		(DATE)	PAINTE	D NAME)			(DAT	E) (PSUIT	ED HAMES	na lah-	
pro G. Cissol	4/11		ICCHAPANT)		<u> </u>		(COMP)	สม] IIVan			



1936 Camden Ave., Suitu San Jose, CA 95124

(408) 559-1248

Chain of Custody

Cham of Gustous

			Maraja (C.) 144 Salah Salah			4540	AN	LYSIS	il≣isi)				7 A 1	جري (در ايم) ا		a (carist-		1
PROJ. MGR. EVIL LIGHTU COMPANY G.T.G. ADDRESS 1930 CHRISTN SAMPLERS (SIGNATURE)	(PHONE NO.)	PA 5030, 8015) PA 5030, 8015) ЭН - Gesoline (5030, 8015) RTeX (EPA 602,8020)	TPH - DIESEI (EPA 3510/3550, 8015) PURGEABLE AROMATICS	SONS		ν	(EPA 5520 E&F) PESTICIDES/PCB (EPA 608, 8080)		TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		b Zn, Ni		LUTANT				2000	NUMBER OF CONTAINERS
SAMPLEIA PATE TIM 635-10-625 4/0/94 8:1	E MULTIN HAIR IN	F W F 3	X	- B A B					102	7.7	71.	_ 	\ -\				1.1.	1/2
MW#1 @CF 4 (1)					-	-		-	دمرا	<u> </u>	0-1-1		_				_	
11 MW # 200F 4 10.	30 SOIL	$++\times$	2		- 		X		202		OW	 	-		-		_	$\frac{1}{1}$
WW 43 0 1 1 1 1:	04 SOIL	X	X				X				rv	iz Pè	+-					4
1/1 612 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1	20 uMae	\rightarrow	入							1		-						
V									_			_		-		 		
			2511	HOUISHED			1.	RELING	DUISHE	D BY			2	. RELI	IQUISHED	BY	!!	3.
PROJECT INFORMATION	SAMPLE RETOTAL NO. OF CONTAIN	ERS 12	\mathbb{Z}_{2}			lu	3:00P	[SIGNA]	เกษย				(TUAE	(SIG)	ATURE)			(JIME)
PROJECT NUMBER CHOT	CHAIN OF CUSTODY SEA	IICOLD		ITED HAVES	<u>د، ب</u>		4/6/44 (DATE)	PRINTE	BMAN O),			(DATE	_	MED HALLE)			(OATE)
SHIPPING IO NO	CONFORMS TO RECORD		(CC)	APANY ENED BY			1.	(COMP	AHY)	,		· 			ENED BY	(LABO	RATORY)	1807
SPECIAL INSTRUCTIONS/COMMENTS. HOLD SOILS UN (/F Sumple	STATIONO 5	DAY		(BFIUTAN			UllYE	[SIGH/	KTUPE)				(III)	IE) ISIG	NATURE)	Kor,	row	(OXTE)
HOLD SOILS UN	s taken of	+ bild	(PN	HITED HAME)			(DATE		PAHY)	<u> </u>			(DA)	유역) (31	Chro	ps a	lah	
per G. Cis	set 4/11		ICC	MENNY				ICOM	, , , , , , ,									

Environmental Services (SDB)

pril 13, 1994

ChromaLab File#: 9404102

GEN-TECH ENVIRONMENTAL

tten: Eric Lissol

Project: DI SALVO TRUCKING

Received: April 8, 1994

Project#: 9407

re: 11 samples for Gasoline and BTEX analysis.

Matrix: WATER

Sampled on: April 7, 1994 Method: EPA 5030/8015/602

Analyzed on: April 11, 1994

Run#: 2629

Method: EPA 5030/8015/6	02		Run#: 20	Ethyl,	Total
"	Gasoline	Benzene	Toluene	Benzene	Xylenes
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Lab # SAMPLE 1D 48542 EB-1-GWS 48543 EB-2-GWS 48544 EB-3-GWS 48545 EB-4-GWS 48546 EB-5-GWS 48547 EB-6-GWS 48548 EB-7-GWS 549 EB-8-GWS 48551 EB-10-GWS 48552 EB-11-GWS	N.D. 2500 N.D. 200 N.D. 94 N.D. N.D. N.D. N.D.	N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	N.D. 1.2 N.D. 0.80 N.D. N.D. N.D. N.D. N.D. N.D.	N.D. N.D. 0.60 N.D. N.D. N.D. N.D. N.D. N.D.	N.D. N.D. 4.4. N.D. N.D. N.D. N.D. N.D.
DETECTION LIMITS BLANK BLANK SPIKE RECOVERY(%)	50	0.5	0.5	0.5	0.5
	N.D.	N.D.	N.D.	N.D.	N.D.
	115	113	114	111	109

ChromaLab, Inc.

Billy Thach

Chemist

Eric Tam

Laboratory Director

TICETYED JPR 2 3 1994 4000000ED__

Environmental Services (SDB)

pril 13, 1994

ChromaLab File#: 9404102

GEN-TECH ENVIRONMENTAL

tten: Eric Lissol

Project: DI SALVO TRUCKING

Received: April 8, 1994

Project#: 9407

rojectm, 210,

re: 8 samples for Gasoline and BTEX analysis.

Matrix: SOIL

Sampled on: April 7, 1994 Method: EPA 5030/8015/8020 Analyzed on: April 11, 1994

Run#: 2628

Method: EPA 5030/8015/80	020		RUII# - ZO	Ethyl'	Total
	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Benzene (ug/Kg)	Xylenes (ug/Kg)
Lab # SAMPLE ID 48554 EB-3 @ C/F 48556 EB-5 @ C/F 48557 EB-6 @ C/F 48559 EB-8 @ C/F 48561 EB-11 @ C/F 48562 MW #1 @ C/F 48563 MW #2 @ C/F	N.D. N.D. N.D. N.D. N.D. N.D. 250	N.D. N.D. N.D. N.D. N.D. N.D.	N.D. N.D. N.D. N.D. N.D. N.D.	N.D. N.D. N.D. N.D. N.D. N.D. 2100	N.D. N.D. N.D. N.D. N.D. N.D. 2000
te: DETECTION LIMIT =	100 UG/KG 13	FOR TOLUEN N.D.	N.D.	5.6	N.D.
DETECTION LIMITS BLANK BLANK SPIKE RECOVERY(%)	1.0 N.D. 119	5.0 N.D. 81	5.0 N.D. 102	5.0 N.D. 100	5.0 N.D. 104

ChromaLab, Inc.

Billy Thach Chemist Fric Tam

Laboratory Director

DESERVED APR 2 8 BA

411711750

Environmental Services (SDB)

April 18, 1994

ChromaLab File No.: 9404102

GEN-TECH ENVIRONMENTAL

Attn: Eric Lissol

RE: Eleven water samples for Diesel analysis

Project Name: DI SALVO TRUCKING

Project Number: 9407

Date Sampled: April 7, 1994 Date Submitted: April 8, 1994 Date Extracted: April 14, 1994 Date Analyzed: April 14, 1994

RESULTS:

Sample I.D.	Diesel (µg/L)
EB-1-GWS EB-2-GWS EB-3-GWS EB-4-GWS EB-5-GWS EB-6-GWS EB-7-GWS EB-8-GWS EB-8-GWS	240 64000 330 73000 N.D. 650 N.D. N.D. N.D.
EB-10-GWS EB-11-GWS	220 290

N.D.BLANK107% BLANK SPIKE RECOVERY 50 DETECTION LIMIT 3510/8015 METHOD OF ANALYSIS

ChromaLab, Inc.

Alex Tam

Analytical Chemist

Eric Tam

Laboratory Director

Environmental Services (SDB)

April 18, 1994

ChromaLab File No.: 9404102

GEN-TECH ENVIRONMENTAL

Attn: Eric Lissol

RE: Eight soil samples for Diesel analysis

Project Name: DI SALVO TRUCKING

Project Number: 9407

Date Sampled: April 7, 1994 Date Submitted: April 8, 1994 Date Extracted: April 13, 1994 Date Analyzed: April 13, 1994

RESULTS:

Sample I.D.	Diesel (mg/Kg)	
EB-3 @ C/F EB-5 @ C/F EB-6 @ C/F EB-8 @ C/F EB-11 @ C/F MW#1 @ C/F MW#2 @ C/F MW#3 @ C/F	N.D. N.D.* 2.5 N.D. 7.5 4.4 29000 150	

* Detection limit equals 5.0 mg/Kg due to matrix interference.

BLANK BLANK SPIKE RECOVERY DETECTION LIMIT METHOD OF ANALYSIS

N.D. 104% 1.0 3550/8015

ChromaLab, Inc.

Analytical Chemist

Eric Tam

Laboratory Director

Environmental Services (SDB)

April 15, 1994

ChromaLab File No.: 9404102

GEN-TECH ENVIRONMENTAL

Attn: Eric Lissol

RE: Eleven water samples for Oil & Grease analysis

Project Name: DI SALVO TRUCKING

9407 Project Number:

Date Submitted: April 8, 1994 April 7, 1994 Date Sampled:

Date Analyzed: April 13, 1994

RESULTS:

Sample	Oil & Grease
I.D	(mg/L)
EB-1-GWS	N.D.
EB-2-GWS	100
EB-3-GWS	N.D.
EB-4-GWS	38
EB-5-GWS	N.D.
EB-6-GWS	N.D.
EB-7-GWS	N.D.
EB-8-GWS	N.D.
EB-9-GWS	N.D.
EB-10-GWS	3.4
EB-11-GWS	N.D.
DD 11 UND	
BLANK	N.D.
DETECTION LIMIT	1.0
METHOD OF ANALYSIS	STD METHOD 5520 B &

ChromaLab, Inc.

Caro∄yn M. House

Analyst

Eric Tam

Laboratory Director

F

CC

LPR 26 1993

Environmental Services (SD8)

April 15, 1994

ChromaLab File No.: 9404102

GEN-TECH ENVIRONMENTAL

Attn: Eric Lissol

RE: Eight soil sample for Oil & Grease analysis

DI SALVO TRUCKING Project Name:

Project Number: 9407

Date Submitted: April 8, 1994 Date Sampled: April 7, 1994

Date Analyzed: April 15, 1994

RESULTS:

Sample	Oil & Grease
	(mg/Kg)
MW #1 @ C/F	N.D.
MW #2 @ C/F	36000
MW #3 @ C/F	N.D.
EB #3 @ C/F	N.D.
EB #5 @ C/F	180
EB #6 @ C/F	N.D.
EB #8 @ C/F	N.D.
CB-11 @ C/F	N.D.
BLANK	N.D.
DETECTION LIMIT	50
METHOD OF ANALYSIS	STD METHOD 5520 E & F

ChromaLab, Inc.

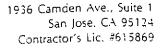
Carolyn M. House

Analyst

Eric Tam

Laboratory Director

CC





Tel. (408) 559-1220 • Fax (408) 559-1228 • 1-860-499-1220

FAX COVER SHEET

	4-15-94
DATE:	$\frac{1}{(2 \wedge i)^2}$
TO:	
COMPANY:	- Chomalat
Fax #:	Al- 1- 1- 1- 1
FROM:	Stuart Socionin_
RE:	Di Jalvo #9407_
	PLUS COVER SHEET .
NO. PAGES:	a 11 the bellowing
MESSAGE:	please de the following
	tests for CHLORIDES, SULFATES,
	BICARBONATES PH and
	RCI for Soil samples.
	mw#1cdF mw#2cdF,
	= 1 = Q = Q C /F
	1 due before noon on Monday 1 due before noon on Monday 194 @ \$64.00 per sample × 100% for 24 hr. 194 @ \$64.00 per sample × 100% for 24 hr. RUSH
risul	lo della per semple. × 100% for 24 hr.
4/18/	94 CONFIDENTIALTY HOTICE RUS IT
The document's acc	companying this telecopy transmission contain confidential information belonging to the sender companying this telecopy transmission contain confidential information belonging to the sender companying this telecopy transmission contain confidential information belonging to the sender companying this telecopy transmission contain confidential information belonging to the sender companying this telecopy transmission contain confidential information belonging to the sender companying this telecopy transmission contain confidential information belonging to the sender companying this telecopy transmission contain confidential information belonging to the sender companying this telecopy transmission contain confidential information belonging to the sender contains the contain contain confidential information belonging to the sender contains the
which is legally p	companying this telecopy transmission contain confidential information betarging the information is intended only for the use of the individual or entity named priviledged. The information is intended only for the use of the individual or entity named usiness dealings with Gen-Tech Environmental Inc
above in direct pr	is mess destrings

If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this telecopied information is strictly prohibited. Distribution of this telecopied information by the recipient to any other party is also expressly forbidden

except with written authorization from Gen-Tech Environmental Inc.

Finironmental

1936 Camden Ave Julie 1 San Jose, CA 95124

(408) 559-1248

CHAIN 07 - -4 569

SU8M #: 9404102 ANALYSIS REPOR CLIENT: GENTECH PURGEABLE HALOCARBONS (EPA 601, 8010) 04/15/94 PROLHER BULL LISSOL DUE: 191E (69A TPH - Gasoline (5030, 8015) W/BTeX (2PA 502,8020) BASEINEUTRALS, ACIDS (EPA 625/627, 8270, 525) REF: 15915 PURGEABLE AROMATICS BIEX (EPA 602, 8020) COMPANY 6.T.E. GREASE VOLATILE ORGANICS (EPA 624, 8240, 524.2) (EPA 3510/3550, 5015) TOTAL RECOVERA HYDROCARBONS (ADDRESS 1936 CAMBEN AND. PESTICIDES/PCA (EPA 608, 8080) PRIORITY POLL METALS (13) EXTRACTION (TCLP, STLC) ដ TOTAL OIL & GA! (EPA 604, B040) SAN JOSE CA 45124 ģ 5030, 8015) NUMBER (Gescline METALS: (PHENOLS (PHONE NO.) TPH - Diese 96/ SAMPLERS (SIGNATURE)---00 (4ae) 559-1248 4 831 MATHIX LABID. TIME DATE TEL:510 WAREN Houp 10,00 594 10:30 13 10:50 writer J 18 11:40 5016 water 4 17:00 40 46 901*L* 6B-4@01F 12:25 1 ruh WATER 12 35 1.6 INC. Soil ı [CHRONALAB. RELINOUISHED BY RELINQUISHED BY WAYER 11 SAMPLE RECEIPT (TIMÉ) . PROJECT INFORMATION ISIGNATURE 3100e (MME) TOTAL NO. OF CONTAINERS ISIG! IA TURE THE PROJECT NAME: (EXCITATIONS) 31401 CHAIN OF CUSTODY SEALS IPPRICED RAME) OI SALUO (DATE) Conce USSER (PFILITED IJAME) PROJECT HUNDER HEC'D GOOD CONOMICOLD PRIMED HAME) :46 COPFRE 6.T.E (CONBYNA) CONFORMS TO RECORD RECEIVED BY (LABORATORY) 80 SHIPPLIIG ID HO CCMPANY RECEIVED BY 011 B CJ (NOM) +6 RECEIVED BY VIA: [[lase] SPECIAL INSTRUCTIONS/COMMENTS: STOMPONO 5 DOM PRINTARIONS UIME) HOLD GORLS UNTIL NOTIFICATION (SIGNATURE) (PRINTED HALLE) CIF sumples when oft hold PRINTED HAME) ber Grit Cissol 4/11 (COMPANY) (CC)/P))(

Finironmental

1936 Caniden Ave., San Jose, CA 95124 DATE 4/7/94 PAGE 2 OF 3

P. 0(Invironmental		(408) 559-1248		17/94	PAGE	
				ANALYSI	SHEPORT		1	
TEL:510 831 8798	SAMPL	1044 115502	Wildlex (2.7. Wildlex (2.7. TPH - Die ed.) (EPA - 3510/3550, 8015)	PURGEABLE ARCMATICS PURGEABLE ARCMATICS BTEX (\$I'A 602, 0020) BTEX (\$I'A 602, 0020) BTEX (\$I'A 602, 0020) CEPA 601, 8010) VOLATILE ORGANICS (EPA 601, 8010) (EPA 624, 8240, 524) (EPA 624, 8240, 525) (EPA 625, 8270, 525) (EPA 625, 8270, 525) (EPA 625, 8200 6AF) (EPA 608, 8080) PHENOLS	TOTAL RECOVERABLE TOTAL RECOVERABLE TOTAL RECOVERABLE TOTAL RECOVERABLE TOTAL RECOVERABLE TOTAL STALS. Cd. Cr. Pb. Zn. Ni	S (17) OLLUTANT)	MOR DES SULTATES SULTATES SICARBONITES	ACI AUMBER OF CONTAINERS
JW	ું તું∷	CAS-2-	X	X				
	. [11 B:254 WATER					SELMOUISHED B	a.
•	्र ज	PROJECT NUMBER PROJECT NUMBER 9407 SHIPPING NO HG TOTAL NO. OF CONTINUE CHAIN OF CUSTOBY SEALS REC'D GOOD CONDITION/COLD CONFORMS TO RECORD	20	RELINCUISHED BY ISOMATUFE GIVE (PRINTED HAME) G.T. E. (CCUPANT) RELINCUISHED BY (SXC	CHACUSHED BY STATURE STATURE	TUNE) (DATE)	GIGHATURE) [PRINTED HAME] [COMPANY) RECEIVED BY (I	(OATE) (OATE) (DARORATORY) (DARORATORY)
;	<u> </u>	VIA: 1AB NO.		RECEIVED BY			(SKHATIJAE)	For Sul 1507
	APR 1.1 94 (MUNI	SPECIAL INSTRUCTIONISICOMMENTS: STIMPARD SPAY HOLD SOILS UNTE NOTIFICATION C/F Shapples taken off hold FIT E. Lissol 4/11	 	(PRINTED NAME) (DATE) IF	DENTED HYNEL	114G)	(SCHAINE)	malab
	<u></u> 호	C/F shapers		COMPAN	COMPAIN)			
	¥	Per C. Cissol 11						

1936 Camden A San Jose, CA 95124 Chain of Justouy

DATE 4/8/94 PAGE 3 OF 3

Δ.			- 4	408) 559-1	1248					DATE _	4/8	130	<u> </u>	PAGE				A
						** ***	19 AN	alysişi										4 \'
				T I			A PARTIE AND A PAR		418.1)	1								1, 1
	PHOJ MGR MIL LISSUR	- I	.	SNO		_	,			"	Zu, Ni		_ \	İ	[\sigma	,	\	
	G- 7 L-	9 601	≈ E) EH	45 87	\$25) \$25) \$6	, '	ĺ ! '	BLE FPA), Zn	Z	À		A THE	4		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	MODES 1936 CHIPEN AVE- TI	330,	B015}	020	NIC.	70 EAS	, ₂₀		NS (<u>g</u> 1	E	4	1	15 12			§ \ '
\	ADDRESS 1936 GAMPEN AVE. #I SAW JOSE CAL 95724	15) 802	350, (ARC	HAL O	AGA 40.	7, 82 7, 82	S/PC 080)	, 유	180 V		0	LS (7 E S	Q 2 0	到到	١		9 /
∞ ₋	SAMPLERS (SIGNATURE) (PHONE NO.)	Gasoline 5030, 8015) Gasoline (5 ex (EPA 60)	9/35 9/E	A 60 B E	щ, 20 %	129.8 129.8 11.8	4 2 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日	1 S 2 S	I S S		٠ ا		ES C	25 6	经是	ē		NUMBER OF CONTAINERS
8798	SAMPLERS (SIGNATURE)	Gasoline Gasoline Fex (EPA)	asi Jasi	(EP)	VOLATILE OPGANICS	BASEINEUTRALS, ACIDS (EPA 625/627, 8270, 525) TOTAL OIL & GREASE	(EPA 5520 E&F) PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604) 8040)	TOTAL RECOVERABLE		METALS: Cd. Cr. Pb.	CAM METALS (17)	PRIORITY POLLUTANT METALS (13) EXTRACTION	(TCLP, STLC)	SULFATES BI CHRES	150	Sel	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
1	(1248) C4-1248	TPH - Gasoline (EPA 5030, 8015) TPH - Gasoline (5030, 8015) w/5TeX (EPA 602,8020) TBH - Olesel	TPH - Diesel (EPA 3510/3550, 8015) PURGEABLE AROMATICS	BTEX (EPA 602, 8020) PURGEABLE HALOCARBOINS (EPA 601, 8010)	스를	8AS (EP.	(EPA 5520 E&F) PESTICIDES/PCB (EPA 608, 8080)	三五百	유토		<u>×</u>	0 '	<u>. Σ μ</u>	1 C 60	V NICE	4		
831	SAMPLEIR. PATE TIME MATRIX LABIR.		7/	1	+		\	T		,		}	,					
01.5	alianti en lin	$X \setminus X$	X_{\perp}	'	<u> </u>	1/		-	-	-+	1			,	7	~ \	×	[7]
TEL:510	10-10-6WS 4/0/94 8:40 WAZE		V		1		\times	B	ا بر ن	1 - 20	احدو				44	<u> </u>		
. ≌ V	MW#1@CF 4 41.15 SOIL	1-1-1	(+)		+				aus	-	ديه	, ,	1		X	X	1X	
1		I X	X			1	\triangle		-	<u> </u>	-	,——	1			1	X	1 1.7
¥ ,	MW * CLECK		8			1	\times	r	RUN	1 1	Foru	 '		1	1-1	*	+	
1 //	Wy # 3@ CF " 12:30 SOIL	1-10-1		. — —	+-	+-+	×		Hai	Ð	أربدا	(, '	1	1	, 1	1		
1 1			X	,		1	, 	-	-		12	ļ <u>. </u>	+	T	1	1		4
11	1 615 11 6 11	1	TY	, —			\times			'	<u> </u>	1	<u></u> '	1	 -		+-+	, - <i></i> "
V	100-11-6WS 11 120 WATER	X	+	<u> </u>	-	+	-				\(\bar{\}\)		'	1	}			,
1/	/	}					1		-	1	-	+	-	+				,
V		+		1	Ì		1	\						'	\ '	4	+	
ı			-	1	-	-				T				,				,
CHROMALAB,				1	\rightarrow	'	1 1	1	CHEC	1		-1	2 1	nelmor	/UISHEر	.O BY	<u>.i.,</u>	J.
THE	SAMPLE RECE	बता	RELIV	HOUISHED		20	1.	AELING	อนเรเษย	E1				í				
	PROJECT INFORMATION SAMPLE RES	1		da		<u> Lu</u>	3,000	ISIGHATI	กเสย				(LINYE)	เกรเมลล	URE)			Unve
13	PROJECT NUMBER			MIUSE			4/8/84	laid	_					& ENLIED		<u>-</u> —		[DAT6
F~-	PROJECT NUMBER		iPPIP!	CIC USS.	14 U		(OVIE)	PENITE	EO HAME)			Ī	(DATE)	PEINIEN) Dome			
737	SHIPPING IO INO CONFORMS TO RECORD		6	S.T.E				(COMPA	· · · · · · ·					(CO)1571				
80	LAB NO.		(CCM	мранη				RECEN					2	RECER	VED BY	/ (LABO	ORATORY	1/1/
	VIA:		RECT	CEMED BA			1_	REUL	460 c.				}	1 /		H.	Las	180 180 1 48-9 108
(NOW) F5	SPECIAL INSTRUCTIONS/COMMENTS: STANDARD 5 G	mark					(TIME)	(SKIM	ATURE				(ILLIE)	(SIGILAT	(URE)	11	<u></u>	1 46.0-6
	11m O SOILS UNTIL WOT IFICATI	on!	ISIGN	SHATUPE)			L =						-OME	IPRITIT	ED HAN	FOL.	LUN	
- 	Hour of the ken with	= 1.1R	गानः	MILEO LIVITE)	,——		(DATE)	1PFIIIT	TED HAME)				(0.4.1.)	1 6	hro	ma	1/06	
١ ٧	SPECIAL INSTRUCTIONS COMMENTS: STANDAMO 5 G HOLD SOILS UNTIL WOT IFICATI C/F Sample C taken off 186 G. Cicsel 4/11	MILLO	1_					- COMP	PAHY)				,	104.0				'
•	120 G. Licsel 4/11		(CD)	DIYENK														,

BK - 11. A4 (MOM) 02:42 CUVOMY PVD' 140.

HROMALAB, INC.

Environmental Laboratory (1094)

FACSIMILE

MESSAGE NO.:

FAX NO.:

TOTAL PAGES: 4

DATE: Ÿ⁻//

FROM:

TO:

Juchie Erie Zusol

SHOULD YOU HAVE PROBLEMS RECEIVING THIS MESSAGE, PLEASE CALL (510)

831-1788 OR FAX NUMBER (510) 831-8798.

MESSAGE:

2239 Omega Road,#1 • San Ramon, California 94583 (510) 831-1788 * Facsimile (510) 831-8798 Federal ID #68-0140157

5 DAYS TURNAROUND

≯D¥ O₩

CLIENT: GENTECH

REF: 16037 ADD 9404102

CHROMALAB, INC.

EB-88C/F

MNHI @C/F

MN#2 @c/F

MW #3 BC/F

Casoline Sold Bots: Casoline Sold Bots: Casoline Sold Bots: Comments: Casoline Sold Bots: Casoline (5030, 8015)

Ex (EPA 602, 8020)

Ex (EPA 602, 8020)

Seasoline (5030, 8015)

Seasoline (5030, 8015

MATRIX, PRESERV.

5	· 0		7	ر -	\	/ \	- 10 - 10 - 10 - 10
1	, by	XIXIX Biahmites.	\times	\geq	\times	<u>×</u>	<u> </u>
· 	ys E	X Globe Sultate		<u>×</u> ×	\times	× -	
M.	her Raj	EXTRACTION (TCLP, STLC)					
745. 7400 24° 7		TOTAL LEAD					
P / C		FRIORITY POLLUTANT METALS (13)					
le Geg		CAM METALS (17)					
:		METALS: Cd, Cr, Pb. Zn, Ni					
)44 44	HT	Kesistada	\times	\times	\times	×	
Due 1	REPL	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)					
0n :	ILVEIE	PESTICIDES (EPA 608, 8080)				,	1
Add	TF_ (PCB (EPA 608, 8080)					
Due	- 124G	TOTAL OIL & GREASE (EPA 5520, 8+f, E+F)				-	
		BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)					
29.	αρισ	VOLATILE ORGANICS (EPA 624, 8240, 524.2)					
5-/6 1.2-	<u> </u>	PURGEABLE HALOCARBONS (EPA 601, 8010)					
1.// K	ea V	PURCEABLE AROMATICS BTEX (EPA 602, 8020)					
	5 (J.A.	TPH - Diesel (EPA 3510/3550, 8015)					
Dat ents		TPM · Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)			,		
Call Comm		TPH - Gasoline (EPA 3030, 8015)					

Environmental Services (SDB)

April 18, 1994

ChromaLab File No.: 9404201

GEN-TECH ENVIRONMENTAL

Attn: Eric Lissol

RE: Four soil samples for pH analysis.

Project Name: DI SALVO TRUCKING

Project Number: 9407

Date Sampled: April 7, 1994

Date Submitted: April 8, 1994

Date Analyzed: April 18, 1994

RESULTS:

Sample I.D. pH Units

EB 8 @ C/F MW #1 @ C/F MW #2 @ C/F MW #3 @ C/F

BLANK METHOD OF ANALYSIS 7.0 EPA 9045

8.4

8.5

8.3

10.9

ChromaLab, Inc.

Carolyn M. House

Analyst

Eric Tam

Laboratory Director

CC



GeoAnalytical Laboratories, Inc.

1031 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 EAX (209) 572-0916

CERTIFICATE OF ANALYSIS

leport# F105-10

ChromaLab 2239 Omega Rd Ste 1 San Ramon CA 94583 Date:

04/18/94

Date Received: Date Started: 04/15/94

Date Completed: 04/18/94

04/15/94

Project Name:

Project#

9404102

Project# 9404102 Sample ID	Lab ID	Detection · Limit	Method	Analyte	Results	
EB-8 @ C/F	F20623	1 1 1 10	120.5/5.0 300 300 310.1/10.0	Resistivity Chloride Sulfate Bicarbonate	1510 136 1 66	µohm-cm mg/Kg mg/Kg mg/Kg
MW#1 @ C/F	F20624	1 1 1 10	120.5/5.0 300 300 310.1/10.0	Resistivity Chloride Sulfate Bicarbonate	3050 48 6 812	μοhm-cm mg/Kg mg/Kg mg/Kg
MW#2 @ C/F	F20625	1 1 1 10	120.5/5.0 300 300 310.1/10.0	Resistivity Chloride Sulfate Bicarbonate	2320 10 36 ND	µohm-cm mg/Kg mg/Kg mg/Kg
MW#3 @ C/F	F20626	1 1 1 10	120.5/5.0 300 300 310.1/10.0	Resistivity Chloride Sulfate Bicarbonate	1290 5 1 21	µohm-cm mg/Kg mg/Kg mg/Kg

Ramiro Salgado Chemist

Donna Allsup A Laboratory Director

Certification # E757

Fivironmental

1936 Camden Ave., Suite 7 San Jose, CA 95724

DATE 4/7/94 PAGE / OF 3

FINITO	JIIIICI II		(4	408) 559-12	1248				DATE_	_4/_7	7/94_	PAG	it	<u>/</u> 0/ .	
MB -							AHALY	YSIS (PEPO) िन्	SUB	3H #: +⊏u1:	940410 GENTE	02 CH			
PROJ. MGR. BRIL LISSOL COMPANY 6.T.E. ADDRESS 1936 CHUPEN AN SAN JOSE CA. 4	Q #I	30, 8015)	9015) MATICS 020)	ETEX (EPA 602, 8020) PURGEABLE HALOCARBONS (EPA 601, 8010)	GANICS 10, 524.2)	GREASE GREASE 8F)	/PCB)80)	PHENOLS (EPA 604, 8040) TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	DUE	SE: SF: 159	04/15. 5915	5/94	\		NUMBER OF GO
SAMPLERS (SIGNATURE)	(PHONE NO.)	TPH - Gaeolina (EPA 5030, 8015) TPH - Gaeolina (5030, 8015) v/BTeX (EPA 502,8020)	TPH Dissel (EPA 3510/3550, 8015) PURGEABLE ARDMATICS	PURGEABLE HA PURGEABLE HA (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2) HASEINEUTRALS, ACI	BASEINEUI HALS, ACID (EPA 625/627, 6270, 625) TOTAL OIL A GREASE (EPA 5520 E&F)	PESTICIDES/PCB (EPA 508, 6080) DUENOLS	(EPA 604, 8040) TOTAL RECOV		METALS: Cd, Cr.	CAM METALS (1 PRIORITY POLI METALS (13)	EXTRACTION (TCLP, STLC)			NUMBER
0 47 44 1015	SOL STATE	1	图		+	关	+	Hoz	20			+			1
1 103-2-Gws 11 10:	:50 win	TX	M			1	1	He	010						5
= CB-3-GWS "1 17:	1.00 motor 275 soil	1	区		1	1	+-	+•	0.0	-					
UB-4-6W3 " 17	2:15 WATER					1	<u> </u>	1110	010	,	+				
PHOJECT INFORMATION	SAMPLE HEGE FOTAL NO. OF CONTAINERS	PS 2		RHOUISMED 8	87			RELINGUISHE			ว		NOUISHED (ATURE)	BY	
PROJECT NUMBER 9467	CHAIN OF CUSTODY SEALS	LS VCOLD	CAL PRINT	OR LE MANS OR LE MANS OR LE MANS	5500_		PONTE! IP	(PRHYED, HAM			(DATI	- C-12	(TED NAME)		
WA:	CONFORMS TO RECORD		(CCM	CENED BY			; A	RECEIVED B			্য	2 RECE	ENED BY (Werra	AY
SPECIAL INSTRUCTIONS/COMMENTS: S	Throwno STA	7		KNATURE)	,		CLATE)	PRINTED NA	wel		101	ALEACH COLV	NTED NAME:	Victo	lake
			\ <u></u>	CHE NY		·		COMPAIN							-

-nvironmental San Jose, CA 95124 PAGE 2 OF 3 (408) 559-1248 ANALYSIS REPORT P04 418.1) NUMBER OF CONTAINERS Zn, 74 PURGEABLE HALOCARBOMS 45500 PRIORITY POLLUTAINT METALS (13) 8015) PROJ. MGR. TOTAL RECOVERABLE HYDROCARBONS (EPA PURGEABLE ARCHATICS BTEX (#PA 602, B020) BASE/NEUTRALS, ACIDS (EPA 625/827, 8270, 625) GIE METALS: Cd, Cr, Pb. TOTAL OIL & GREASE (EPA 5520 E&F) VOLATILE ORGANICS (EPA 624, 8240, 524.2) TPH - Gasoline (5030, 80 w/81eX (EPA 502,8020) COMPANY TPH. Diesel (EPA 3510/3650, 8015) CAM METALS (17) comoon ove PESTICIDES/PCB (EPA 608, 6080) 1934 EXTRACTION (TOLP, STLC) SAN 1085 CA - 61/27 ADDRESS _ (EPA 604, 8040) TPH - Gasolina IEPA 5030, 8015) (EPA 801, 8010) PHENOLS IPHONE NO.) SAMPLERS (SIGNATURE) FAX NO:510/831-8798 0(400)559-1248 TAH ID. MATRIX HOLD TIME 2110 1+01-F LUMBER ч 5010 2.45 7 e df 3:,010 WITTER Hþ Soul 2 -3 edf Hd WATER ID: CHROMALAB 5014 300 8:254 WHITE RELINCUISHED BY RELINQUISHED SY RELINOUSHED SAMPLERECEIRT THE (SAGNATURE) PROJECT INFORMATION TME 20 TOTAL NO. OF CONTAINERS (SIGNATURE) PROJECT NAME: (SIGNATURE) (DJ.TE) STALLO TRUCICATE PRINTEDIME CHAIN OF CUSTODY SEALS Cour Usson DATE (PREITED NAME) PROJECT NUMBER REC'D GOOD CONDITION/COLD (PRINCED HAME) COWNY (COMPANY) CONFORMS TO RECORD RECENED BY (LABORATORY SHIPPING ID NO CONSAU RECEIVED BY LAB NO.

RECEIVED BY

SIGNATUFE

COMPANY.

PRINTED HAVE)

(Jue)

(DATE)

(SIGNATURE)

COMPANY

PRINTED NAME

(TILE)

(STAGE

3<u>□□V</u> | <u>E</u>C APR-18-"

VIA;

SPECIAL INSTRUCTIONS/COMMENTS: STRUCTION

HOLD SOILS UNTE NOTIFICATION

Finironmental

#114 P05

FAX NO:510/831-8798

TO: GEN-TECH APR-18-794 MON 13:42 ID:CHROMALAB INC 1936 Camden Ave., Juite 1 San Jose, CA 95124 Chain or Justous

一个	-my	POI	men	iai					8) 559-1	1748	4					DATE	4/4	<u> 5/4</u>	14_	P	PAGE	<u> </u>	OF		_
	<u></u>			_				(400)						a vere	REPOR				É						
									1		1		<u> ang</u> v	1500	418.1)	ļ		_ }	1 1	·					ا وي
J. MGR GRILL	1 4502					- I	1	1_1	NO	1	1	1	i I				코	, 1	1= 1	1	1 }	i }		1	NUMBER OF CONTAINERS
6 (16)					į į	100 (S)	, e	100	AHB(0.56	C105	w	1	}	ABLE (EP		METALS: Cd. Cr. Pb. Zn. NI	1 - 1	PRIGHITY POLLUTANT METALS (13)	1	1	1		}	, ¥ 1
	wor	N AND		1	4	2,802	100	OMA BD20	100	ANIC 524	15. A	HEA!	19 =	اج اِ	SER ONS	,	6	3 (17	ון מוני	120		1 }	1		1 K
ODRESS 1930 JOS	3E U	4- 75			1 e g'	ne (5	1550	* AR(H 60	12.40	THA!	2 4	ES/P 6008	\$040)	ARB	, }	8	TALE	7 P.	110 110 1110	. 1	1			JEH C
PLERS (SIGNATURE)		The same of the sa	(PHO	ONE NO.)	asolir 30.8	A B A	Alesed 5100	ABLE	ABLE 11, Br	EE C	NEC.	1889 1889	1010 508.	2 S	100 H	, 1	ALS	CAM METALB (17)	TATE OF THE PERSON NAMED IN COLUMN 1	EXTRACTION (TCLP, STLC)	ال	1 1	1	, 1	ECMB.
ALERS (STATE OF THE STATE OF TH)	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasolina (\$030, 8015) W/B1eX (EPA \$02,8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE ARCMATICS BTEX (EPA 602, B020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ONGANICS (EPA 624, 8240, 524.2)	BASENEUTRALS, ACIDS (EPA 625/627, 8270, 525)	(EPA 5220EX), UT. TOTAL OIL & GREASE (EPA 5520 E&F)	PESTICIDES/PCB (EPA 508, 8080)	PHENOLS (EPA 604,	TOTAL RECOVERABLE HYDROCARBONS (EPA	\mathfrak{t}	Ket 1	CAN	표	EX L	<u>-</u>	11	1 !	لــــ	┼
1 Mille		(488)31	NATRIX	多	를 함	五五	上里	F. P.	[]	- × ==	- A E	<u>-\</u> ="	10-	1	+	 			1		Ī	į '	[<u></u>	· .]	4
- (4.1)(1 4 f.,-		h."	ī	حسنتانگ ا	-	TX	不	1				X			<u> </u>	1 '	 '	+-	+-	+-	+-	1	-	,	17
13-10-GW3 4	110/94	10:40	WATER			+	*	+	+	+-	+	X	1	7 1	نو ب	100	سمح	/		1			!		+
m-10-0-1	131.1-4-	اسس ورا	1 1	1	_	\geq	丛	1		-		+	十	-	RUN	1	6 m	٦	7		1		<u>'</u> '	1	\perp
1w#1e#		41.5	501-	1		TX	$\langle \overline{\ } \rangle$					X	-}		1	+ "	+	+-	+	1		1	T '		1
W # 20clF	<u> </u>	10:30	501L	-	+-	+	元	7	1	1		$\neg \mid \times$	7		Run	<u>, </u>	A - 5w	-		+	-	+-	+-		-
MODE	N.C	12:30	3 Soil				4		-		-	X	亣	1	10	مها								1	
w #304F	R					\ >	$\times \times$	红				}-			+	+-		+		1					4
13-11 CUF		1:09	'	+	1	×	1	X				<u> </u>	仁					-	-	-+-	+			1	1
08-11-6WS	11	1:00	DWME	4		+		1	+	-	_		T)							+	+	+
70. (. 5	1		1	1		1			_				-	-	+	1		T			1	_			1
		-	+	 	\neg	_	_						1			1		+	-	+				1	١
	1			-	-	-				I	_		{				1			1 75	LINOUIS				1
	\					1		75) INC	SUISHED	-	///			RELIN	NOUISHE	D BY	-		2	2 FIEL	JI Uum-	150			
PHOJECT INFORM	MATION			APLE RES					1/4		the	1/3	مصح						(TRAE	IB IST	GALTURE)	4			
ROJECT NAME:		ATOT	TAL NO. OF CO				1	ESC! ATU	UPE)				BUE	SCH	นาบคล	-	_			_ _					
POJECT NUMBER:	1141	CHA'	MIN OF CUSTO					isce	C LIST EDHALLED	<u> </u>			(DLTE)	PRINT	TEDHINE	a			(DATE	ā P#	APITEO NA	Me			
9407		REC	CD 0000 CD			-		G.	T.E					1001	aPANY)					-	CNPART				
SHIPPING ID, NO.		1	ONFORMS TO	RECONG			1	COMPA	W(T)						ENED BY	ir .				2 RF	ECENED	AN YE.	ABORATO:	/AY)	1
WA:		1						RECEN	NED BY				••								SCHARLES		Jac	MIL	
SPECIAL INSTRUCTIONSICO	COMMENT	15: SI	HAND BANK	0 51	enem	1	1.	CONAT	TUPE				MMB	न् हिस्स	HATUREI				II IA	Æ F	K.	M	orros	W	4
Horp '	Series	بالآكامال و	- PRET 15	FICAT	1000	,	- 1	1					(DATE)	क कि	SUTED NAME	MEJ			Ox.	ITE IP	PONTEDN	NAME VO M	-/4	1	
)	PERMIT	LED WYNE	1	-		J								1.81	12/14	0400	2	
							•	1°-20497	7.460					(530)	אאגיענו									_	-

MARKEDI



1936 Camden Ave., Suit San Jose, CA 95124

(408) 559-1248

Chain of Custody

	ROJ. MGR	6.T. 1936 SAN	JOSE	CA .	VZ: 井丁 95124 (PHC 59-124 MATTIX	DNE NO.)	TPH - Gasoline [EPA 5030, 8015]	(5030, 8015) 02.8020)	ļ		BONS		S (6	SE	PESTICIDES/PCB (EPA 608, 8080)		COVERABLE ABONS (EPA 418	SUBM CLIE DUE: REF:	NT: . 1.60	GEN 04/)35	22/9	4				1	NUMBER OF CO.
V		- Cus	नीमित्न	1:408	water			X	$\stackrel{\wedge}{\times}$																		4
" \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	u w	GW 2	11	3:25	WATER			\searrow				-		X		_	_					<u> </u> 	1				7
$ \cdot ^{\frac{1}{2}}$	MWH3	5-GWS			-					_	\ \	-		\ \	 	_	-		 	<u> </u>			 				
-				 			_		-	-	-	<u> </u>	_	-							_ 	_	-	 - 			
					_	\	-		_			_				_		-	-		_	-	_	-		. !	
											-			_	_		_			_	_	+		-	_		
						PLE REC	131.20		RI	ELINOU	SHED.	BY				REVILY) DIJJSHE	0 8Y	1:	10	2.	RELI	і ПОПІЗН	ED BY			3.
	PROJECT N	OJECT INFO		10.	TAL NO. OF C	ONTAINES	RS	<u> 8</u>		IGNATUE	E)	A			TuyE)	ISIGNA	TUAE)	_		<u>er</u>	203€ 13MD 13MD	(SIGH	ATURÉ)				മ്പാല
	PROJECT	D, SALW NUMBER 940		1 -	AIN OF CLIST				<u>2</u>	PRINTED	HAME)	son		4/1:	CATE	(PRINT	ED HAM	TRI	<u>u</u>		IDATE		ITEO HAI	(E)			(OATE)
	SHIPPING ID NO CONFORMS TO RECORD LAB NO							L.	G.TE.						ICOMPANY) RECEIVED BY 2.					RECEIVED BY (LABORATORY)							
	SPECIAL INSTRUCTIONISICOMMENTS: 5-DAY WORMAL.							RECEIVED BY SIGNATURE) TIME!						(TIME)						1 8 Morrout 9-15-95							
		5-2	DAY	NOR	MAC	•			4	PRINTEC	PYL.	TR	KLO	4	IOVIE	1	TED 11AA	(E)			(DATI	E) (PAI	111	MEI NN CC	106		(DÁTE)
									- }-	(9-/ (CCMPAI	M _					ICOM	PAHY										

Environmental Services (SDB)

bril 19, 1994

ChromaLab File#: 9404199

GEN-TECH ENVIRONMENTAL

tten: Eric Lissol

roject: DISALVO TRUCKING

eceived: April 15, 1994

Project#: 9407

re: 2 samples for Gasoline and BTEX analysis.

atrix: WATER

Sampled on: April 14, 1994 ethod: EPA 5030/8015/602

Analyzed on: April 18, 1994

Sampled on: April 14, 3 Tethod: EPA 5030/8015/60	1994 02	Analy		79 Ethyl.	Total		
Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Benzene (ug/L)	Xylenes (ug/L) N.D.		
9294 MW #1-GWS	N.D.	N.D.	N.D.	N.D.	1.2		
9295 MW #3-GWS	250	N.D.	N.D.	N.D.			
ETECTION LIMITS	50	0.5	0.5	0.5	0.5 /		
LANK	N.D.	N.D.	N.D.	N.D.	N.D.		
BLANK SPIKE RECOVERY(%)	84	105	107	103	106		

.romaLab, Inc.

Chemist

Eric Tam

Laboratory Director

Environmental Services (SDB)

April 22, 1994

ChromaLab File No.: 9404199

GEN-TECH ENVIRONMENTAL

Attn: Eric Lissol

RE: Two water samples for Diesel analysis

Project Name: DISALVO TRUCKING

Project Number: 9407

Date Sampled: April 14, 1994 Date Submitted: April 15, 1994 Date Extracted: April 21, 1994 Date Analyzed: April 21, 1994

RESULTS:

Diesel (@역/나) Sample I.D.

N.D. MW#1-GWS 7700 MW#3-GWS

N.D. BLANK 93% SPIKE RECOVERY 97% DUP SPIKE RECOVERY 50 DETECTION LIMIT 3510/8015 METHOD OF ANALYSIS

ChromaLab, Inc.

Alex Tam

Analytical Chemist

Eric Tam

Laboratory Director -.

Environmental Services (SDB)

April 21, 1994

ChromaLab File No.: 9404199

GEN-TECH ENVIRONMENTAL

Attn: Eric Lissol

RE: Two water samples for Oil & Grease analysis

Project Name: DISALVO TRUCKING

Project Number: 9407

Date Sampled: April 14, 1994 Date Submitted: April 15, 1994 Date Analyzed: April 20, 1994

RESULTS:

oil & Grease Sample (mg/L)___ I.D. N.D. MW #1-GWS

1.7 MW #3-GWS

N.D. BLANK 1.0 DETECTION LIMIT METHOD OF ANALYSIS

STD METHOD 5520 B & F

ChromaLab, Inc.

Carolyn M. House

Analyst

Eric Tam

Laboratory Director

CC