

Lynn A. Worthington

REAL ESTATE BROKER

5942 MACARTHUR BLVD. #8
OAKLAND, CA 94605
TELEPHONE (415) 562-8600

92 MAR 21 1992

MARCH 20, 1992

Paul Smith -

PER your REQUEST -

Lynn

CONSOLIDATED TECHNOLOGIES
RESULTS FOR PRELIMINARY SUBSURFACE
SITE INVESTIGATION

Former Exxon

SUBJECT ADDRESS:

3055 35TH AVE. OAKLAND, CALIFORNIA.

94619 ~~94625~~

PROJECT MANAGERS:

TRACY BENNETT, DAVID HOBBS &
CHRIS MOLINARI.

no seal

*date?
received
3-21-92*

ENVIRONMENTAL SERVICES

BY

CONSOLIDATED TECHNOLOGIES

&

SOILS EXPLORATION SERVICES INC.

GEOLOGICAL AUDIT SERVICES.

(408) 973-9532
1777 SARATOGA AVE. SAN JOSE, CA. 95129

**RESULTS FOR
LIMITED SUBSURFACE INVESTIGATION**

INTRODUCTION

This proposal/work plan describes the work we performed in a preliminary investigation for the extent of petroleum hydrocarbon contamination in the soils at 3055 35th Ave. Oakland, California (hereafter referred to as "site"). See enclosed plate 1; Site Vicinity Map. The contaminated soils at this site are believed to be associated with apparent unauthorized discharges of petroleum hydrocarbons from five underground storage tanks formerly located at the site. These actions are part of the requirements by the California Regional Quality Control Board-San Francisco Bay Region (RWQCB) and the Alameda County Environmental Health, Hazardous Materials Division (ACEH), as this unauthorized discharge may have impacted the soils at the site, and could potentially impact groundwater.

SITE DESCRIPTION

The site is located at the Southeast corner of 35th and School streets. Land use of the general area predominantly residential mixed with commercial.

The site is estimated to be one-third acre in size, and is rectangular in shape (see Plate 2, Site Schematic). 35th and School Streets bound the western and northern portions of the site respectively. A private residence borders the sites Northeastern and Southeastern limits.

On July 15, and August 10th, 1991, CT performed two visual inspections of the site and the immediate surrounding area. The site is currently vacant and primarily unpaved. The site's surface appeared relatively flat. Two pits (from the removal of underground storage tanks) were also observed at the site. There were no evidence of existing water wells (domestic or monitoring) at the site. CT believes that depth to ground water is 10 to 12 feet below grade, and flows in a southerly direction. Reportedly, public utilities service the site.

↓
↓
based on what?

SUMMARY OF SITE HISTORY

After reviewing the county records on situs APN # 027-0890-006-02 the following determinations were made; The property was sold to ~~Golden Empire Properties~~ INC. at 5942 Macarthur Bl. Oakland, Ca. 94605. on 02/14/90. The site was reportedly built as a gas station in 1970, prior to our clients occupation of the premises. ~~The station contained four 4000-gallon tanks along with one 500-gallon waste oil tank.~~ It is our understanding that these were installed at the time the site was developed in 1970. The approximate location of these former storage tanks are indicated in Plate 3 Historic Site Schematic. It is the understanding of CT that there is no "as-built plans or diagrams available for the original tanks or related piping, and no tank testing or monitoring records available.

PREVIOUS SITE WORK: (Tank removal)

Information provided to CT reveals that there were five (5) underground storage tanks removed by an unlicensed contractor and there is very little if any reliable information available. The reason CT was hired on this project was to assess the current situation. (It is our understanding that the property owner is currently seeking criminal prosecution against the unlicensed contractor and is currently working with the Alameda County District Attorney.) This assessment is in lieu of the information that was retrieved from the site during the tank removal, because we are unsure of the accuracy of the information in question.

SCOPE OF WORK

The following proposed work was performed to verify and/or investigate the extent of petroleum hydrocarbon soil contamination in the vicinity of the former tanks. the scope of work was as follows:

1. We obtained necessary approval from local agencies by submitting a work plan to the Alameda County Health Dept. This plan was approved by Officer Paul Smith after some minor changes were made.
2. We then drilled ~~twelve soil borings to 35 feet or until we encountered moisture which we interpreted to be either~~ groundwater or perched groundwater. We placed the soil borings in or near the locations indicated on plate 2, Proposed Boring and Sampling Locations. The borings were drilled and the samples were recovered and handled as indicated in the Drilling, Sampling and Sealing protocol. Borings were terminated when water saturated materials were first encountered, approximately 25 to 35 feet below grade. The ground water and drilling equipment (surface of the augers) were examined for sheen and for free petroleum product. The soil borings were placed in strategic areas indicated in plate #2, we feel that by placing the borings in the planned areas we were not only able to determine if there is contamination present on site, but in what direction it has spread.
3. Soil samples were delivered to a state certified laboratory, Chromalab Laboratory, located in San Ramone California.

PURPOSE OF WORK

The purpose of the work outlined above was to verify the presence of petroleum hydrocarbon levels indicated in the tank closure soil samples, and/or investigate the extent of chemical soil contamination in the immediate vicinity of the former underground tanks. ~~It is our understanding that you are planning to excavate the contaminated materials, and remediate these materials on site, if conditions permit.~~ The results of this investigation will be used as guidelines for excavation activities to remove the contaminated soil materials.

We arrived at 3055 35th Ave at 8:00 am. on the 5th of November. Health with Officer Paul Smith. Our Geologist arrived also at the same time and we began walking over the proposed soil boring locations.

At 8:30 am. we commenced drilling. We decided in the interest of saving as much money as possible without changing the quality of the information collected, additionally, our goal was to avoid altering the overall picture by archiving selected samples for field screening. This would preclude some samples being sent to the laboratory for certified analysis. This practice was suggested by our Registered Geologist (PH.D) and proved to be extremely cost effective.

The following is a graph of the overall soil boring depths and individual sampling depths.

B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-12
						F---					
F---	F---					F---					
15---	15---	15---	15---	15---	15---	15---	15---	15---	15---	15---	15---
20---	F---	20---	20---	20---	20---	F---	F---	T	20---	20---	F---
F---	25---	25---	25---	25---	25---	25---	25---	T	25---	25---	25---
30---	F---	T	30---	T	T	30---	F---	T	30---	T	30---
35---	35---	T	35---	T	T	T	F---	T	T	T	F---

#'s on graph = depth for certified analysis, F= field screening samples, T= Boring Terminated.

In soil boring B-1 we took samples every 5 feet from 10 thru the 35 foot depth. We archived the 10' and the 25' sample for field screening. We terminated the drilling in B-1 when we encountered soil changes and moisture at the 35 foot mark. (see plate # 4).

In soil boring B-2 we took samples every 5 feet from the 10 foot depth to the 35 foot depth. We archived the 10', 20' and 30' samples for field screening. We terminated the drilling in B-2 when we encountered soil changes and moisture at the 35 foot mark. (see plate # 4).

In soil boring B-3 we took samples every 5 feet from the 15 foot depth to the 25 foot depth. We archived none of these samples for field screening. We terminated the drilling in B-3 when we encountered minor soil changes and moisture. (see plate # 4).

In soil boring B-4 we took samples every 5 feet starting at the 15 foot depth and terminated at the 35 foot depth after encountering soil changes and moisture. We archived none of these samples for field screening. (see plate # 4).

In soil boring B-5 we took samples every 5 feet starting at the 15 foot depth and terminated at the 25 foot depth after encountering soil changes and moisture. We archived none of these samples for field screening. (see plate # 4).

In soil boring B-6 we took samples every 5 feet starting at the 15 foot depth and terminated at the 25 foot depth after encountering soil changes and moisture. We archived none of these samples for field screening. (see plate # 4).

In soil boring B-7 we took samples every 5 feet starting at the 5 foot depth and terminating at the 30 foot depth after encountering soil changes and moisture. We archived the 5', 10', and 20', samples for field screening. In B-7 at the 15' depth we took a sample and had it analyzed for (CLHC) EPA method 8010 and base neutrals & acid extractables EPA. method 8270. (see plates # 4, 5 and 6).

In soil boring B-8 we took samples every 5 feet starting at the 15 foot level and terminated at the 35 foot depth after encountering soil changes and moisture. We archived samples at the 20', 30', 35' depths for field screening. (see plate # 4).

In soil boring B-9 we took samples every 5 feet starting at the 15 foot level and terminated drilling after deciding to reposition this boring to the new boring logged as B-10. No water was encountered in this boring and the repositioning of this was the recommendation of the project Geologist. (see plate # 4).

In soil boring B-10 we took samples every 5 feet starting at the 15 foot level and terminated at the 30 foot level after encountering soil changes and moisture. We archived none of these samples for field screening. (see plate # 4).

In soil boring B-11 we took samples every 5 feet starting at the 15 foot level and terminated at the 25 foot depth. We archived none of these samples for field screening. (see plate # 4).

In soil boring B-12 we took samples every 5 feet starting at the 15 foot level and terminated at the 35 foot depth after encountering soil changes and moisture. We archived the samples at the 20' and 35' foot depths for field screening. (see plate # 4).

In soil sample WOS taken at the 35' depth of the area marked WOS on the sampling map shown on plate #2. The sample was analyzed for (CLHC) EPA. method 8010 and base neutrals and acid extractables EPA. method 8270. (see plate # 4, 7 and 8).

The geologist made some field changes that we felt gave us a better understanding for what was going on in the subterranean layers of the site. This site has many interesting things going on with it, from apparent perching of water tables to very tight clays and unique lithological changes and barriers. Although the soil boring logs will need careful study to determine any real conclusions. One of the changes the Geologist made was after encountering some odor in some of the planned soil borings. He suggested to add two more soil borings to see if we could get out of the contamination laterally. In some of the soil borings we seemed to get out of the contamination vertically and even laterally.

If the site requires soil remediation we feel we have a great deal of information as to how to deal with this potential problem strategically.

Recommendations

At this time the recommendations for this site would be to continue to investigate the site by installing a minimum of two ground water wells on the site and also to remove any free product that might be present.

A work plan for any additional required work will be submitted to the RWQCB in a timely manner, prior to commencement of work.

DRILLING, SOIL SAMPLING, AND SAMPLE HANDLING PROTOCOL

Drilling

Soil boring procedures followed guidelines recommended by the California Regional Water Quality Control Board and the Alameda County Health, Hazardous Materials Division.

Proper permits were obtained from the zone 7 water District. Although no inspector was present from Zone 7 witness the back filling of the borings, they were invited to the site for this inspection.

Soil borings were drilled with a continuous-flight hollow-stem auger of at least 3-inches ID and 6-8 inches OD. The soil samples were taken with a California Modified Split-Spoon sampler. The sampler, containing 3 2-inch (O.D.) by 6-inch (length) clean brass sample liners, were carefully inserted into the hollow stem of the continuous-flight auger. Using a 140 pound hammer, falling a distance of approx. 30 inches, the sampler was driven at least one foot into undisturbed materials beyond the bottom end of the auger. The number of blows it takes to drive the sampler one foot will be recorded on the boring log.

A geologic drilling log was maintained of the materials encountered and sample locations in each excavation. The log will include field description of the soil properties, lithologic variations, moisture conditions, and any unusual characteristics noted that may indicate the presence of chemical contamination.

All augers were thoroughly steam-cleaned prior to visiting the site. Between borings at the site, the augers were steam cleaned at a location well away from the proposed borings, adequate lengths of clean auger were available to complete all of the borings without reusing auger sections.

All soil spoils were laid on petroleum resistant liners and covered with same to meet the Bay area Air Quality emission requirements.

The materials were variously screened by a Gastector hydrocarbon detection field instrument.

SOIL SAMPLING

All chemical sampling, handling, and storage were conducted in accordance with Environmental Protection Agency and Regional Water quality Control Board guidelines for the investigation of suspected underground storage fuel leaks. An inspector was on site from the Alameda County Environmental Health to witness sampling activities.

Soil sampling commenced at or near the bottom limits of the former tanks; approximately 15 feet below grade. When contamination was encountered at a shallower depth in the soil profile, soil sampling commenced at that depth. Samples were taken at or near lithologic changes, soil-backfill or soil ground water interfaces, and from soils that appear contaminated. But in general all samples were taken in five foot increments as per luft suggests. Some of the samples were archived as field samples as indicated on page #5 by using a "F" for field sample.

Soil samples in the bottom of the three brass liners in the sampling casings were taken as the samples to be tested. All sample containers were properly sealed, labeled and identified, in the field.

The ends of the samples liners were capped with aluminum foil, and sealed with caps and aluminized duct tape. Samples were delivered to the laboratory within two hours of their acquisition. Samples were continuously kept on dry ice during the transport to the laboratory. Sealed samples were only opened by laboratory personnel who performed the chemical analysis.

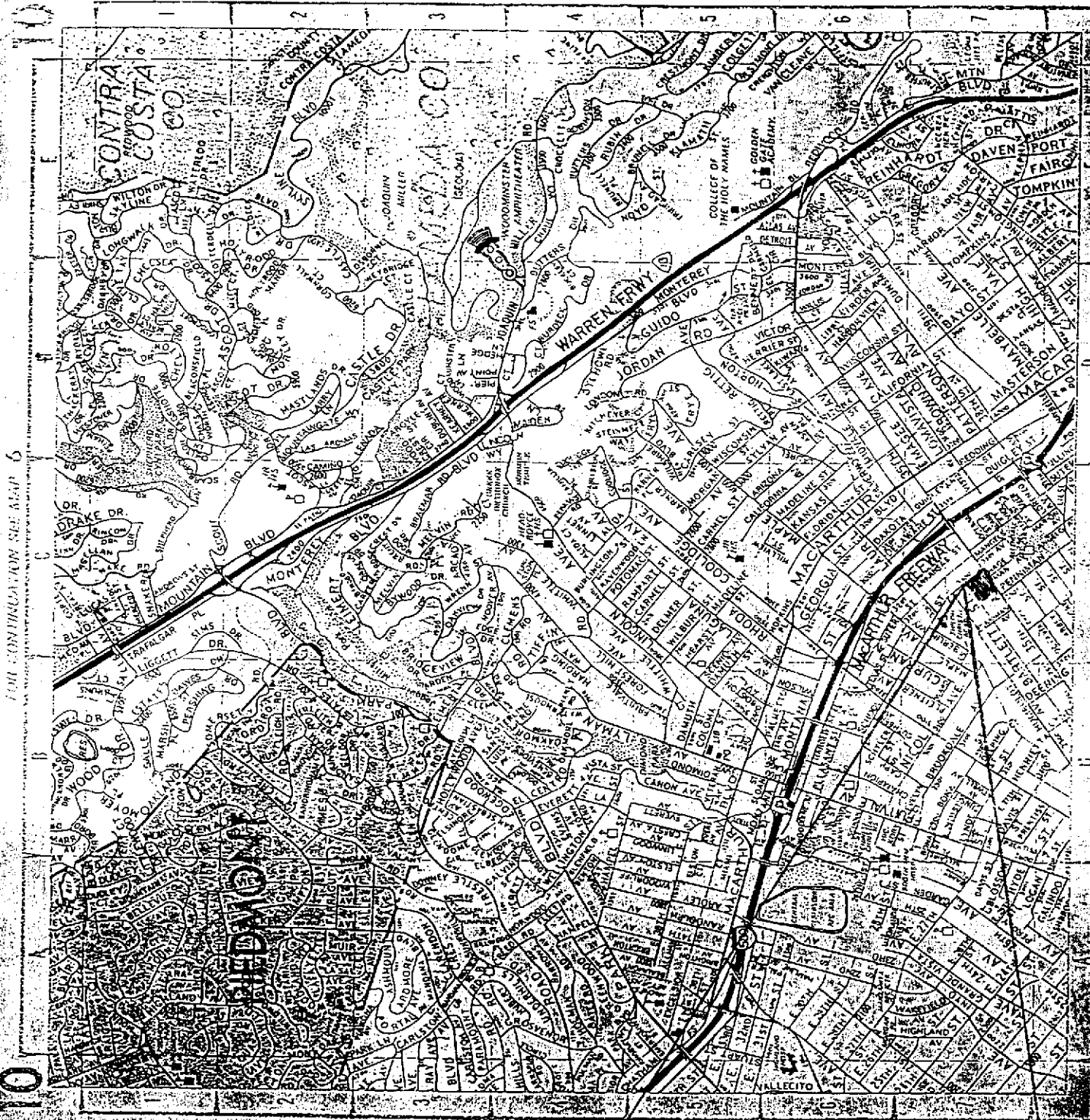
SAMPLE CUSTODY

All samples collected were with the following information: job name, sample number, location, date and time collected, name of collector, and any pertained remarks. Field records of soil samples were maintained on a field log. All field records were written in ink. Copies of all field documentation were maintained in an on-site file and the originals will be kept at the CT offices. Samples were kept in an ice chest cooled to approximately four degrees centigrade, by ice, during the temporary storage and transportation to the laboratory.

Chain of custody forms were filled out by the sample collector before releasing the sample for storage or transportation. The form was then routed with the samples through storage, transportation and laboratory analysis. Copies of the completed chain of custody forms were presented to the laboratory.

When the samples were handed to the laboratory, a laboratory representative signed the chain of custody forms and entered a laboratory identification number on to the sample label and chain of custody form. The identification number was used by the laboratory for it's internal tracking system, thus the status of a particular sample can be determined at any time by referring to the laboratory log books.

All samples collected during this project were analyzed by a State Department of Health Services (DHS)-certified laboratory for the selected parameters in accordance with standard E.P.A. approved methods. All laboratory assurance/quality control (QA/QC) information will be made available in a Summary Report prepared by the laboratory. Laboratory quality control measures included those required by the DHS under their Hazardous Waste Laboratory Certification Program.

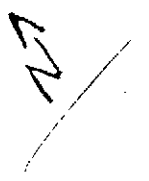


100 CONTINUATION SEE MAP 6

100 CONTINUATION SEE MAP 9

ALAMEDA CO.

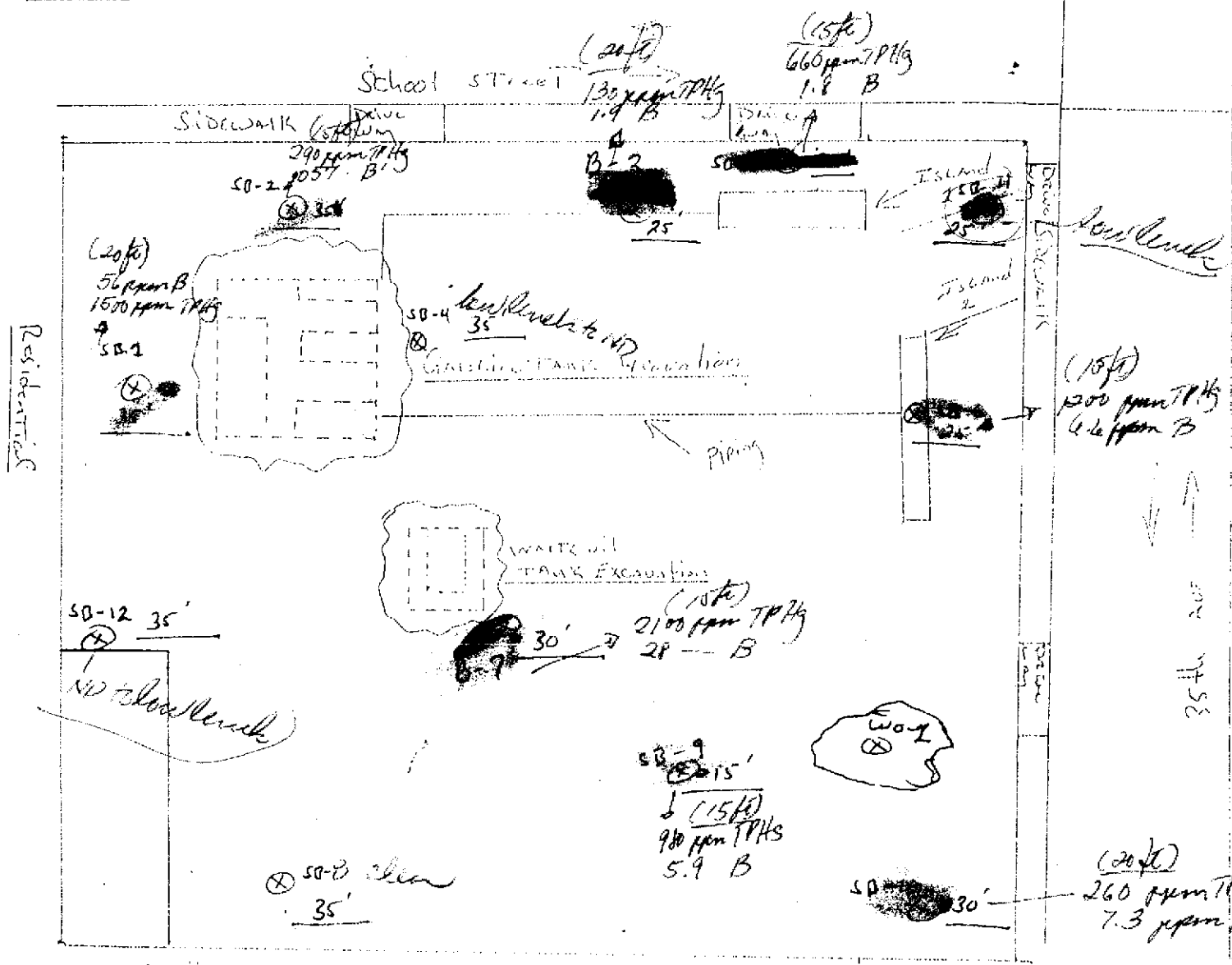
3055 35th Ave
Oakland CA



Commercial

Commercial Line Station

Quick Stop



Commercial - Retail

contaminated

1" = 20' updated version for Soil Boerj

SCALE: NONE
DATE: 8-23-91

APPROVED BY:
DATE # 2

DRAWN BY:
REVISED

Historic site schematic

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 11, 1991

ChromaLab File No.: 1191040

CONSOLIDATED TECHNOLOGIES

Attn: Tracy Bennett

RE: Seven soil samples for Gasoline/BTEX analysis

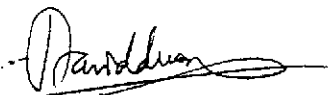
Date Sampled: Nov. 5, 1991
Date Extracted: Nov. 8, 1991

Date Submitted: Nov. 5, 1991
Date Analyzed: Nov. 8, 1991

RESULTS:

Sample I.D.	Gasoline (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl Benzene (µg/kg)	Total Xylenes (µg/kg)
B1-15'	19	150	340	140	1600
B1-20'	1500	56000	44000	24000	140000
B1-30'	N.D.	13	13	13	15
B1-35'	N.D.	15	N.D.	N.D.	26
B2-15'	290	57	1300	3800	17000
B2-25'	4.7	N.D.	N.D.	N.D.	120
B2-35'	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	98.7%	108.8%	103.6%	102.1%	108.0%
DUP SPIKE REC.	98.0%	98.9%	105.4%	106.9%	107.2%
DETECTION LIMIT	1.0	5.0	5.0	5.0	5.0
METHOD OF ANALYSIS	5030/ 8015	8020	8020	8020	8020

ChromaLab, Inc.


David Duong
Chief Chemist

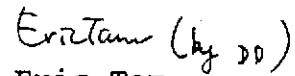

Eric Tam
Laboratory Director

PLATE #3

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 14, 1991

ChromaLab File No.: 1191065

CONSOLIDATED TECHNOLOGIES, INC. Attn: Tracy Bennett
RE: Twenty-nine soil samples for Gasoline/BTEX, Diesel, and Oil
and Grease analyses

Date Sampled: Nov. 6, 1991

Date Submitted: Nov. 6, 1991

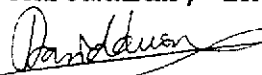
Date Extracted: Nov. 8-13, 1991

Date Analyzed: Nov. 8-13, 1991

RESULTS:

Sample I.D.	Gasoline (mg/kg)	Diesel (mg/kg)	Benzene ($\mu\text{g/kg}$)	Toluene ($\mu\text{g/kg}$)	Ethyl Benzene ($\mu\text{g/kg}$)	Total Xylenes ($\mu\text{g/kg}$)	Oil & Grease (mg/kg)
B3-15	45	----	3400	3600	1200	7500	----
B3-20	130	----	1900	4700	2400	19000	----
B3-25	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B4-25	1.0	----	270	180	18	170	----
B4-30	N.D.	----	N.D.	8.3	N.D.	38	----
B4-35	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B5-15	660	----	1800	4100	8900	29000	----
B5-20	97	----	3200	1200	1700	4600	----
B5-25	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B6-15	1200	----	6600	21000	18000	98000	----
B6-20	7.3	----	1500	1500	360	1800	----
B6-25	1.7	----	130	220	66	430	----
B7-15	2100	N.D.	28000	100000	38000	290000	N.D.
B7-25	1.0	----	30	18	5.8	60	----
B7-30	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B8-15	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B8-25	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B9-15	480	----	5900	23000	8900	72000	----
B10-15	76	----	1700	5100	1300	13000	----
B10-20	260	----	7300	21000	6600	54000	----
B10-25	1.0	----	37	59	8.9	64	----
B10-30	1.0	----	22	17	N.D.	11	----
B11-15	20	----	340	33	550	1000	----
B11-20	11	----	1400	150	680	1800	----
B11-25	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B12-15	5.6	----	1000	750	110	910	----
B12-25	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
B12-30	N.D.	----	N.D.	N.D.	N.D.	N.D.	----
WOS	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE REC.	91.5%	89.1%	85.7%	93.9%	100.8%	106.6%	----
DUP SPIKE REC	94.5%	----	95.6%	99.4%	100.5%	101.4%	----
DET. LIMIT	1.0	1.0	5.0	5.0	5.0	5.0	10
METHOD OF ANALYSIS	5030/ 8015	3550/ 8015	8020	8020	8020	8020	5520 E&F

ChromaLab, Inc.


David Duong
Chief Chemist



Eric Tam
Laboratory Director

Plate # 4

2239 Omega Road, #1 • San Ramon, California 94583

510/831-1788 • Facsimile 510/831-8798

Federal ID #68-0140157

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 15, 1991

ChromaLab File # 1191065 A

Client: Consolidated Technologies, Inc.

Attn: Tracy Bennett

Date Sampled: Nov. 06, 1991

Date Submitted: Nov. 06, 1991

Date Analyzed: Nov. 12, 1991

Sample I.D.: B7-15

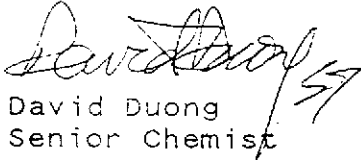
Method of Analysis: 8010

Detection Limit: 100 µg/kg*

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	96.5% 93.2%
1,1-DICHLOROETHENE	N.D.	---
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	92.1% 93.7%
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYL VINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	95.8% 96.7%
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	94.2% 95.0%

*High detection due to presence of high gasoline in sample.

ChromaLab, Inc.


David Duong
Senior Chemist



Eric Tam
Lab Director

Plate #5

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 15, 1991

ChromaLab File # 1191065 A

Client: Consolidated Technologies, inc.

Attn: Tracy Bennett

Date Sampled: Nov. 06, 1991

Date Submitted: Nov. 06, 1991

Date Analyzed: Nov. 12, 1991

Sample I.D.: B7-15

Method of Analysis: EPA 8270

Matrix: soil

COMPOUND NAME	Sample mg/Kg	MDL mg/Kg	Spike Recovery
PHENOL	N.D.	0.05	-----
BIS(2-CHLOROETHYL) ETHER	N.D.	0.05	91.5% 89.2%
2-CHLOROPHENOL	N.D.	0.05	-----
1,3-DICHLOROBENZENE	N.D.	0.05	-----
1,4-DICHLOROBENZENE	N.D.	0.05	-----
BENZYL ALCOHOL	N.D.	0.10	-----
1,2-DICHLOROBENZENE	N.D.	0.05	-----
2-METHYLPHENOL	N.D.	0.05	-----
BIS(2-CHLOROISOPROPYL) ETHER	N.D.	0.05	-----
4-METHYLPHENOL	N.D.	0.05	-----
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.05	-----
HEXACHLOROETHANE	N.D.	0.05	-----
NITROBENZENE	N.D.	0.05	-----
ISOPHORONE	N.D.	0.05	-----
2-NITROPHENOL	N.D.	0.05	-----
2,4-DIMETHYLPHENOL	N.D.	0.05	-----
BENZOIC ACID	N.D.	0.25	-----
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.05	91.5% 93.2%
2,4-DICHLOROPHENOL	N.D.	0.05	-----
1,2,4-TRICHLOROBENZENE	N.D.	0.05	-----
NAPHTHALENE	N.D.	0.05	-----
4-CHLOROANILINE	N.D.	0.10	-----
HEXACHLOROBUTADIENE	N.D.	0.05	-----
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	-----
2-METHYLNAPHTHALENE	N.D.	0.05	-----
HEXACHLOROCYCLOPENTADIENE	N.D.	0.05	-----
2,4,6-TRICHLOROPHENOL	N.D.	0.05	-----
2,4,5-TRICHLOROPHENOL	N.D.	0.05	-----
2-CHLORONAPHTHALENE	N.D.	0.05	-----
2-NITROANILINE	N.D.	0.25	-----
DIMETHYL PHTHALATE	N.D.	0.05	-----
ACENAPHTHYLENE	N.D.	0.05	-----
3-NITROANILINE	N.D.	0.25	-----
ACENAPHTHENE	N.D.	0.05	87.5% 88.2%
2,4-DINITROPHENOL	N.D.	0.25	-----
4-NITROPHENOL	N.D.	0.25	-----
DIBENZOFURAN	N.D.	0.05	-----

(continued on next page)

Plate #6

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Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

Page 2

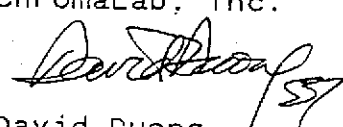
ChromaLab File # 1191065 A

Sample I.D.: B7-15
Method of Analysis: EPA 8270

Matrix: soil

COMPOUND NAME	Sample mg/Kg	MDL mg/Kg	Spike Recovery
2,4-DINITROTOLUENE	N.D.	0.05	-----
2,6-DINITROTOLUENE	N.D.	0.05	89.1% 87.1%
DIETHYL PHTHALATE	N.D.	0.05	-----
4-CHLORO-PHENYL PHENYL ETHER	N.D.	0.05	-----
FLUORENE	N.D.	0.05	-----
4-NITROANILINE	N.D.	0.25	-----
4,6-DINITRO-2-METHYL PHENOL	N.D.	0.25	-----
N-NITROSODIPHENYLAMINE	N.D.	0.05	-----
4-BROMOPHENYL PHENYL ETHER	N.D.	0.05	-----
HEXACHLOROBENZENE	N.D.	0.05	-----
PENTACHLOROPHENOL	N.D.	0.25	-----
PHENANTHRENE	N.D.	0.05	-----
ANTHRACENE	N.D.	0.05	-----
DI-N-BUTYL PHTHALATE	N.D.	0.05	-----
FLUORANTHENE	N.D.	0.05	-----
PYRENE	N.D.	0.05	-----
BUTYLBENZYLPHthalate	N.D.	0.05	-----
3,3'-DICHLOROBENZIDINE	N.D.	0.10	-----
BENZO(A)ANTHRACENE	N.D.	0.05	-----
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.05	-----
CHRYSENE	N.D.	0.05	86.1% 85.1%
DI-N-OCTYLPHthalate	N.D.	0.05	-----
BENZO(B)FLUORANTHENE	N.D.	0.05	-----
BENZO(K)FLUORANTHENE	N.D.	0.05	-----
BENZO(A)PYRENE	N.D.	0.05	-----
INDENO(1,2,3 C,D)PYRENE	N.D.	0.05	-----
DIBENZO(A,H)ANTHRACENE	N.D.	0.05	-----
BENZO(G,H,I)PERYLENE	N.D.	0.05	-----

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Lab Director

Plate #6 cont'd

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 15, 1991

ChromaLab File # 1191065 B

Client: Consolidated Technologies, Inc.

Attn: Tracy Bennett

Date Sampled: Nov. 06, 1991

Date Submitted: Nov. 06, 1991

Date Analyzed: Nov. 12, 1991

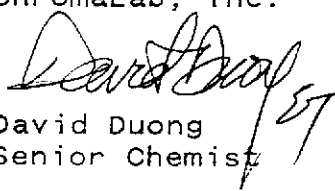
Sample I.D.: WOS

Method of Analysis: 8010

Detection Limit: 5.0 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	96.5%	93.2%
1,1-DICHLOROETHENE	N.D.	---	---
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	92.1%	93.7%
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	---	---
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---	---
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	95.8%	96.7%
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLORO BENZENE	N.D.	---	---
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---	---
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	94.2%	95.0%

ChromaLab, Inc.


David Duong
Senior Chemist



Eric Tam
Lab Director

Plate # 7

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 15, 1991

ChromaLab File # 1191065 B

Client: Consolidated Technologies, Inc.

Attn: Tracy Bennett

Date Sampled: Nov. 06, 1991

Date Submitted: Nov. 06, 1991

Date Analyzed: Nov. 12, 1991

Sample I.D.: WOS

Method of Analysis: EPA 8270

Matrix: soil

COMPOUND NAME	Sample mg/Kg	MDL mg/Kg	Spike Recovery
PHENOL	N.D.	0.05	-----
BIS(2-CHLOROETHYL) ETHER	N.D.	0.05	91.5% 89.2%
2-CHLOROPHENOL	N.D.	0.05	-----
1,3-DICHLOROBENZENE	N.D.	0.05	-----
1,4-DICHLOROBENZENE	N.D.	0.05	-----
BENZYL ALCOHOL	N.D.	0.10	-----
1,2-DICHLOROBENZENE	N.D.	0.05	-----
2-METHYLPHENOL	N.D.	0.05	-----
BIS(2-CHLOROISOPROPYL) ETHER	N.D.	0.05	-----
4-METHYLPHENOL	N.D.	0.05	-----
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.05	-----
HEXACHLOROETHANE	N.D.	0.05	-----
NITROBENZENE	N.D.	0.05	-----
ISOPHORONE	N.D.	0.05	-----
2-NITROPHENOL	N.D.	0.05	-----
2,4-DIMETHYLPHENOL	N.D.	0.05	-----
BENZOIC ACID	N.D.	0.25	-----
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.05	91.5% 93.2%
2,4-DICHLOROPHENOL	N.D.	0.05	-----
1,2,4-TRICHLOROBENZENE	N.D.	0.05	-----
NAPHTHALENE	N.D.	0.05	-----
4-CHLOROANILINE	N.D.	0.10	-----
HEXACHLOROBUTADIENE	N.D.	0.05	-----
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	-----
2-METHYLNAPHTHALENE	N.D.	0.05	-----
HEXACHLOROCYCLOPENTADIENE	N.D.	0.05	-----
2,4,6-TRICHLOROPHENOL	N.D.	0.05	-----
2,4,5-TRICHLOROPHENOL	N.D.	0.05	-----
2-CHLORONAPHTHALENE	N.D.	0.05	-----
2-NITROANILINE	N.D.	0.25	-----
DIMETHYL PHTHALATE	N.D.	0.05	-----
ACENAPHTHYLENE	N.D.	0.05	-----
3-NITROANILINE	N.D.	0.25	-----
ACENAPHTHENE	N.D.	0.05	87.5% 88.2%
2,4-DINITROPHENOL	N.D.	0.25	-----
4-NITROPHENOL	N.D.	0.25	-----
DIBENZOFURAN	N.D.	0.05	-----

(continued on next page)

Plate # 8

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Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

Page 2

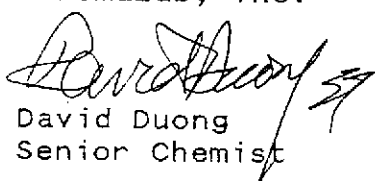
ChromaLab File # 1191065 B

Sample I.D.: WOS
Method of Analysis: EPA 8270

Matrix: soil

COMPOUND NAME	Sample mg/Kg	MDL mg/Kg	Spike Recovery	
2,4-DINITROTOLUENE	N.D.	0.05	-----	-----
2,6-DINITROTOLUENE	N.D.	0.05	89.1%	87.1%
DIETHYL PHTHALATE	N.D.	0.05	-----	-----
4-CHLORO-PHENYL PHENYL ETHER	N.D.	0.05	-----	-----
FLUORENE	N.D.	0.05	-----	-----
4-NITROANILINE	N.D.	0.25	-----	-----
4,6-DINITRO-2-METHYL PHENOL	N.D.	0.25	-----	-----
N-NITROSODIPHENYLAMINE	N.D.	0.05	-----	-----
4-BROMOPHENYL PHENYL ETHER	N.D.	0.05	-----	-----
HEXACHLOROBENZENE	N.D.	0.05	-----	-----
PENTACHLOROPHENOL	N.D.	0.25	-----	-----
PHENANTHRENE	N.D.	0.05	-----	-----
ANTHRACENE	N.D.	0.05	-----	-----
DI-N-BUTYL PHTHALATE	N.D.	0.05	-----	-----
FLUORANTHENE	N.D.	0.05	-----	-----
PYRENE	N.D.	0.05	-----	-----
BUTYLBENZYLPHTHALATE	N.D.	0.05	-----	-----
3,3'-DICHLOROBENZIDINE	N.D.	0.10	-----	-----
BENZO(A)ANTHRACENE	N.D.	0.05	-----	-----
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.05	-----	-----
CHRYSENE	N.D.	0.05	86.1%	85.1%
DI-N-OCTYLPHTHALATE	N.D.	0.05	-----	-----
BENZO(B)FLUORANTHENE	N.D.	0.05	-----	-----
BENZO(K)FLUORANTHENE	N.D.	0.05	-----	-----
BENZO(A)PYRENE	N.D.	0.05	-----	-----
INDENO(1,2,3 C,D)PYRENE	N.D.	0.05	-----	-----
DIBENZO(A,H)ANTHRACENE	N.D.	0.05	-----	-----
BENZO(G,H,I)PERYLENE	N.D.	0.05	-----	-----

ChromaLab, Inc.


David Duong
Senior Chemist



Eric Tam
Lab Director

Plate # 8 cont'd

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 18, 1991

ChromaLab File No.: 1191065

CONSOLIDATED TECHNOLOGIES, INC.

Attn: Tracy Bennett

RE: Two soil samples for Cadmium, Chromium, Lead, Nickel and Zinc analyses

Date Sampled: Nov. 6, 1991
Date Extracted: Nov. 15, 1991

Date Submitted: Nov. 6, 1991
Date Analyzed: Nov. 15, 1991

RESULTS:

Sample No.	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Zinc (mg/Kg)	Nickel (mg/Kg)
B7-15	3.51	25.1	3.19	47.7	34.3
WOS - <i>3/15/91</i>	3.42	31.2	1.76	23.9	30.9
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	125%	75%	85%	88%	58%
DUP SPIKE REC	88%	101%	84%	98%	60%
DETECTION LIMIT	0.25	0.25	0.10	0.25	0.50
METHOD OF ANALYSIS	6010	6010	6010	6010	6010

ChromaLab, Inc.

Refaat A. Mankarious
Refaat A. Mankarious
Inorganics Supervisor


Eric Tam
Laboratory Director

✓ STL

CHROMALAB, INC.

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CHROMALAB FILE # _____
ORDER # **4052**

DATE **11/5/91** PAGE **1** OF **2**

PROJ. MGR. <u>Vic CHERVEN/Tracy Bonet</u>					ANALYSIS REPORT													NUMBER OF CONTAINERS	
COMPANY <u>Consolidated Technologies</u>					TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 802, 8020)	TPH - Diesel (EPA 3510, 3550, 8075)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 824, 8240)	BASE/NEUTRALS, ACIDS (EPA 825/827, 8270)	TOTAL OIL & GREASE (EPA 5520 D&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)		
ADDRESS <u>1777 Saratoga Blvd San Jose</u>																			
SAMPLERS (SIGNATURE) <u>V. Cherven</u> (PHONE NO.) _____																			
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 802, 8020)	TPH - Diesel (EPA 3510, 3550, 8075)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 824, 8240)	BASE/NEUTRALS, ACIDS (EPA 825/827, 8270)	TOTAL OIL & GREASE (EPA 5520 D&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)	NUMBER OF CONTAINERS	
B1-15	11/5/91	-	soil		✓	✓													
B1-20	11/5/91	-	"			✓													
B1-30	11/5/91		"			✓													
B1-35	"		"			✓													
B2-15	"		"			✓													
B2-25	"		"			✓													
B2-35	"		"			✓													

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY 1.		RELINQUISHED BY 2.		RELINQUISHED BY 3.	
PROJECT NAME:	TOTAL NO. OF CONTAINERS			<u>V. Cherven</u> 3:30 pm					
PROJECT NUMBER:	CHAIN OF CUSTODY SEALS			(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD			(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)
VIA:	CONFORMS TO RECORD			(COMPANY)		(COMPANY)		(COMPANY)	
SPECIAL INSTRUCTIONS/COMMENTS:		LAB NO.		RECEIVED BY 1.		RECEIVED BY 2.		RECEIVED BY (LABORATORY) 3.	
STAT				<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u> 3:30	
				(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)
				<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u> 11:5	
				(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)
				(COMPANY)		(COMPANY)		(LAB)	

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FILE # 1191065

Chain of Custody

41078

11/6/91

PAGE 1 OF 6

PROJECT INFORMATION					ANALYSIS REPORT													NUMBER OF CONTAINERS	
PROJECT INFORMATION					TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 502, 8020)	TPH - Diesel (EPA 3570, 3550, 8015)	PURGEABLE AROMATICS BTX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270)	TOTAL OIL & GREASE (EPA 5520 D&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)		
SAMPLE RECEIPT																			
PROJECT NAME:	TOTAL NO. OF CONTAINERS				RELINQUISHED BY			RECEIVED BY			RECEIVED BY (LABORATORY)								
TRACY BENNETT	4/00				V. Cheram														
PROJECT NUMBER:	CHAIN OF CUSTODY SEALS				(SIGNATURE)			(TIME)			(SIGNATURE)			(TIME)					
SHIPPING ID. NO.	RECEIVED IN GOOD CONDITION/NO. OF				(PRINTED NAME)			(DATE)			(PRINTED NAME)			(DATE)					
VIA:	CONFORMS TO RECORD				(COMPANY)			(COMPANY)			(COMPANY)								
SPECIAL INSTRUCTIONS/COMMENTS:																			
STAT																			
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 502, 8020)	TPH - Diesel (EPA 3570, 3550, 8015)	PURGEABLE AROMATICS BTX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270)	TOTAL OIL & GREASE (EPA 5520 D&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)	NUMBER OF CONTAINERS	
B3-15	11/6/91		Soil		✓														
B3-20																			
B3-25																			
B4-15																			
B4-20																			
B4-25																			
B4-30																			
B4-35																			

MISSING
MISSING

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Chain of Custody

DATE 11/6/91 PAGE 2 OF 6

1191065

PROJECT INFORMATION					ANALYSIS REPORT													NUMBER OF CONTAINERS
PROJECT NAME:		SAMPLE RECEIPT			TPH - Gasoline (EPA 8030)	TPH - Gasoline (5030, 8018) w/BTEX (EPA 802, 8020)	TPH - Diesel (EPA 3510, 3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270)	TOTAL OIL & GREASE (EPA 5520 D&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)	
PROJ. MGR. <u>JACOBY BENNETT</u>					COMPANY <u>CONSULTANTS TECHNOLOGISTS</u>													✓
ADDRESS _____					ADDRESS _____													
SAMPLE(S) (SIGNATURE) <u>V. Churn</u>					(PHONE NO.) _____													✓
SAMPLE ID.					DATE													
TIME					MATRIX													✓
LAB ID.																		
<u>B5-15</u>					<u>11/6/91</u>													✓
<u>B5-20</u>																		
<u>B5-25</u>																		✓
<u>B6-15</u>																		
<u>B6-20</u>																		✓
<u>B6-25</u>																		
PROJECT NAME:					TOTAL NO. OF CONTAINERS			RELINQUISHED BY 1.			RELINQUISHED BY 2.			RELINQUISHED BY 3.				
PROJECT NUMBER					CHAIN OF CUSTODY SEALS			<u>V. Churn</u> 4:00										
SHIPPING ID NO					REC'D GOOD CONDITION/COLD			(SIGNATURE)			(SIGNATURE)			(SIGNATURE)				
VIA					CONFORMS TO RECORD LAB NO			(PRINTED NAME)			(PRINTED NAME)			(PRINTED NAME)				
SPECIAL INSTRUCTIONS/COMMENTS:								(DATE)			(DATE)			(DATE)				
								(COMPANY)			(COMPANY)			(COMPANY)				
								RECEIVED BY 1.			RECEIVED BY 2.			RECEIVED BY (LABORATORY) 3.				
								(SIGNATURE)			(SIGNATURE)			(SIGNATURE)				
								(PRINTED NAME)			(PRINTED NAME)			(PRINTED NAME)				
								(DATE)			(DATE)			(DATE)				
								(COMPANY)			(COMPANY)			(LAB)				

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1191061

Chain of Custody

DATE 11/6/91 PAGE 1 OF 1

PROJ. MGR. <u>TARA DENNETT</u> COMPANY <u>GEN. SOLENTANIS TECHNOLOGY</u> ADDRESS _____ SAMPLERS (SIGNATURE) <u>V. Churran</u> (PHONE NO.) _____					ANALYSIS REPORT														
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030, 8015) w/STEX (EPA 502, 8020)	TPH - Diesel (EPA 3510, 3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 502, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270)	TOTAL OIL & GREASE (EPA 5520 D&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)	NUMBER OF CONTAINERS	
B8-15	11/6/91		Soil		✓														
B8-20	↓		↓		ARCHIVE														
B8-25	↓		↓		✓														
B8-30	↓		↓		ARCHIVE														
B8-35	↓		↓		↓														
B9-15	↓		↓		✓														
PROJECT INFORMATION					SAMPLE RECEIPT					RELINQUISHED BY 1. <u>V. Churran 4/22</u> (SIGNATURE) (TIME)			RELINQUISHED BY 2. _____ (SIGNATURE) (TIME)			RELINQUISHED BY 3. _____ (SIGNATURE) (TIME)			
PROJECT NAME:					TOTAL NO. OF CONTAINERS					(PRINTED NAME) (DATE)			(PRINTED NAME) (DATE)			(PRINTED NAME) (DATE)			
PROJECT NUMBER:					CHAIN OF CUSTODY SEALS					(PRINTED NAME) (DATE)			(PRINTED NAME) (DATE)			(PRINTED NAME) (DATE)			
SHIPPING ID NO.					RECD GOOD CONDITION					(COMPANY)			(COMPANY)			(COMPANY)			
VIA:					CONFORMS TO RECORD					RECEIVED BY 1. _____ (SIGNATURE) (TIME)			RECEIVED BY 2. _____ (SIGNATURE) (TIME)			RECEIVED BY (LABORATORY) 3. _____ (SIGNATURE) (TIME)			
SPECIAL INSTRUCTIONS/COMMENTS:					LAB NO.					(PRINTED NAME) (DATE)			(PRINTED NAME) (DATE)			(PRINTED NAME) (DATE)			
										(COMPANY)			(COMPANY)			(LAB)			

CHROMALAB, INC.

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Chain of Custody

DATE 4/6/91 PAGE 3 OF 6

1191045

PROJ. MGR. TRACY DENNETT
 COMPANY CONSOLIDATED REFINARIES
 ADDRESS _____
 SAMPLERS (SIGNATURE) V. Churn (PHONE NO.) _____

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	ANALYSIS REPORT													NUMBER OF CONTAINERS							
					TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510, 3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270)	TOTAL OIL & GREASE (EPA 5520 D&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (12)								
B7-5	4/6/91		Soil	ARCHIVE																					
B7-10				ARCHIVE																					
B7-15					✓	✓		✓		✓	✓						✓								
B7-20				ARCHIVE																					
B7-25					✓																				
B7-30					✓																				

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME:		TOTAL NO. OF CONTAINERS	
PROJECT NUMBER:		CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.		REC'D GOOD CONDITION/COLO.	
VIA:		CONFORMS TO RECORD	
SPECIAL INSTRUCTIONS/COMMENTS:		LAB NO.	
<p style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;">WOP on B7-15</p>			

RELINQUISHED BY 1.		RELINQUISHED BY 2.		RELINQUISHED BY 3.	
<u>V. Churn</u>	4:00				
(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)
	(DATE)	(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)
(COMPANY)		(COMPANY)		(COMPANY)	
RECEIVED BY 1.		RECEIVED BY 2.		RECEIVED BY (LABORATORY) 3.	
(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)
(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)
(COMPANY)		(COMPANY)		(LAB)	

CHROMALAB, INC.

2239 Omega Road, # 1 • San Ramon, California 94583
415/831-1788 • Facsimile 415/831-8798

1191065

Chain of Custody

DATE 11/6/91 PAGE 5 OF 6

PROJ. MGR. <u>TRACY BENNETT</u> COMPANY <u>CO-2 SOLID STATE TECHNOLOGIES</u> ADDRESS _____ SAMPLERS (SIGNATURE) <u>V. Cherven</u> (PHONE NO.) _____					ANALYSIS REPORT													NUMBER OF CONTAINERS	
					TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 502, 8020)	TPH - Diesel (EPA 3510, 3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 502, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 525/627, 8270)	TOTAL OIL & GREASE (EPA 5520 DLF)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	METALS: Cd, Cr, Pb, Zn	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)		
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.															
B10-15	11/6/91		Soil			✓													
B10-20	↓		↓			✓													
B10-25	↓		↓			✓													
B10-30	↓		↓			✓													
B11-15	↓		↓			✓													
B11-20	↓		↓			✓													
B11-25	↓		↓			✓													
PROJECT INFORMATION					SAMPLE RECEIPT					RELINQUISHED BY 1.			RELINQUISHED BY 2.			RELINQUISHED BY 3.			
PROJECT NAME:					TOTAL NO. OF CONTAINERS					V. Cherven 4:00									
PROJECT NUMBER:					CHAIN OF CUSTODY SEALS					(SIGNATURE)			(SIGNATURE)			(SIGNATURE)			
SHIPPING ID. NO.					REC'D GOOD CONDITION/COLD					(TIME)			(TIME)			(TIME)			
VIA:					CONFORMS TO RECORD					(DATE)			(DATE)			(DATE)			
					LAB NO					(PRINTED NAME)			(PRINTED NAME)			(PRINTED NAME)			
										(COMPANY)			(COMPANY)			(COMPANY)			
SPECIAL INSTRUCTIONS/COMMENTS:										RECEIVED BY 1.			RECEIVED BY 2.			RECEIVED BY (LABORATORY) 3.			
										(SIGNATURE)			(SIGNATURE)			(SIGNATURE)			
										(TIME)			(TIME)			(TIME)			
										(DATE)			(DATE)			(DATE)			
										(PRINTED NAME)			(PRINTED NAME)			(PRINTED NAME)			
										(COMPANY)			(COMPANY)			(LAB)			

