

# JOHN CARVER CONSULTING

## ENVIRONMENTAL -- CIVIL -- GEOTECHNICAL

March 22, 2006  
Project 5515

**RECEIVED**

*By lopprojectop at 10:20 am, Mar 22, 2006*

Mr. Jerry Wickham  
Alameda County Health Agency  
Department of Environmental Health

SUBJECT 800 West Grand Avenue  
Oakland, Alameda County, California  
Work Plan

Mr. Wickham,

As required I am uploading a Work Plan for the subject site. the work plan is for activities to continue the work required to close a LUST case at the subject site.

There is a new owner who desires to complete the activities and establish a relationship with the DEH so that a planned residential development can proceed at the site.

If there is anything I or the owner can provide to facilitate your efforts on this project, please contact me.

We look forward to resolving the LUST situation at this site.

Call me with any questions. My contact number is 415 235 4648.

John Carver

670 Vernon Street #401  
Oakland, CA 94610

Phone: 415 235 4648  
FAX: 510 595 6821

# JOHN CARVER CONSULTING

Environmental Consulting ● Civil Engineering

**RECEIVED**

*By loprojectop at 10:20 am, Mar 22, 2006*

WORK PLAN  
FOR  
SOIL REMOVAL

800 West Grand Avenue  
Oakland, California  
RO#00000112\_Workplan\_2006-03-24

Project No. 5515  
March 23, 2006

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John Carver  
CE 23772/ REA 05553

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670 Vernon Street #401  
Oakland, California 94610

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Phone 415 235 4648  
FAX: 510 595 6821

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800 WEST GRAND AVENUE  
WORK PLAN

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## INTRODUCTION

### Purpose

The purpose of this Work Plan is to describe the procedures to be used in the removal of contaminated soil at 800 West Grand Avenue in Oakland, California. The soil removal is part of the continuing work required by the Alameda County Environmental Health (ACEH) to address a Leaking Underground Storage (LUST) case at the site. The most recent request is in the letter of April 23, 1992. A copy of the letter is attached. The work is required as set forth in the State Water Resources Control Board's Leaking Underground Fuel Tank (LUFT) manual and The TRI-Regional Board Staff Recommendation for Preliminary Evaluation and Investigation of Underground Tank Sites when evidence of an unauthorized fuel release from an underground fuel tank has been found. The LUST case was assigned a number of STIC #917 in the 1992 letter. Subsequently the ACEH has assigned the current case number of RO#00000112 to the project. The assigned ACEH case worker on this project is Jerry Wickham (510 567 6791).

The current owner of the property is Mr. Greg Kelisky at 2627 Lombard Street, San Francisco, CA 94123

### Scope

The scope of this work plan includes descriptions of:

- The site and the tank removal activities.
- The approximate limits of the proposed additional soil removal.
- Screening procedures to be used during excavation.
- Required pre-field work activities and permitting.
- Soil and groundwater sampling equipment and techniques.
- Soil and groundwater sample handling and transportation.
- Management of excavated soil and purge water.
- Sample analyses.
- Data interpretation and reporting procedures.
- Scheduling.

### Site Location and Description

The subject site is a roughly triangular shaped parcel located at the southwest corner of the intersections of West Grand Avenue and West Street in Oakland California. There are frontages along both West Grand Avenue and West Street. The general location of the site is shown on the Vicinity Map, Figure 1 of Appendix A. The site boundaries are shown on Figure 2 of Appendix A.

The site is within the three sided city block bounded by West Grand Avenue along the south, West Street on the east and Isabella Street on the northwest.

The property is currently vacant with no structure and no activities being carried out. The property is secured by a chain link fence and locked iron gate.

### Facility Map

The subject site along with the tank locations is shown on the Site Map, Figure 2 of Appendix A. The Site Map also shows the nearby streets.

### Site History

There were three known underground storage tanks which were permitted for removal and were removed in December 20, 1989. The tanks were identified as containing Stoddard Fluid, a common dry cleaning materials. The samples obtained during the tank removal activities were tested for TPH-G and BTEX.

The presumed locations of the 3 tanks are shown on the attached Figure 3.

The three tanks were removed by Semco (no longer in business) during December 1989 under the direction of the Alameda County Department of Environmental Health. Soil samples were taken and it was determined that there had been leaks. There was no over-excavation and the tank removal excavations were backfilled with the overburden soil.

As part of the permitted tank removal operations, four soil samples were taken by Semco. Three of the samples were from below the tanks and one was from a stockpile of excavated soil. The following results from a certified laboratory were found.

Sample #	Gasoline	B/T/E/X
Sample 1N-11'-6"-300	9,000 mg/kg	14/28/4/47 mg/k
Sample 2C-12'-6"-500	1,300 mg/kg	9.2/22/9.9/15 mg/k
Sample 3S-13'-0"-500	970 mg/kg	9.4/20/2.2/11 mg/k
Sample Exc. Soil Stockpile	8,700 mg/kg	1.5/16/6.9/53 mg/k

Additional notes indicated that the excavated soil was replaced in the excavation.

### CHRONOLOGY

The following chronology presents the sequence of significant events at the property.

- 12/20/89 Three tanks removed by Semco. Four soil samples taken, excavation backfilled with over-burden soil
- 03/--/99 Certified Environmental Consulting Inc. published a Proposal for Site Investigations. (No subsequent documentation found of any work which was performed)
- 04/23/92 Alameda County Health Care Services published a letter requiring additional work.

### Site Geology, Soil Conditions and Hydrogeology

Anticipated soil conditions at the site are several feet of fill overlaying alluvial sediments. The sediments are most likely layers of sands, silts and clays. Although no groundwater was reported during the tank removal activities, it is anticipated to be located between 10 and 20 feet deep. The groundwater flow direction is estimated to be toward the west, the direction of the bay and away from the hills to the east.

## PLANNED WORK

### Sequence

The following is the planned sequence of activities at the site:

- Remove the overburden soil from the tank removal area.
- Over-excavate this area to the depths feasible. All attempts will be made to remove all obviously contaminated soil from within the excavation and any contaminated soil which extends beyond the removal area.
- The depth of the excavation will be determined by field screening procedures but will be limited by the digging depth of the backhoe and depth to groundwater. If groundwater is encountered, the excavation will only extend two to three feet below free groundwater. The extent of the excavation will be limited to the east by the West Street pavement.
- If any water accumulates in the excavation, the water will be pumped from the excavation and disposed of as hazardous waste.
- Screen the excavated and exposed soil using visual indications and portable field equipment to estimate if clean soil has been exposed.
- Obtain soil confirmation samples of the excavation.
- Take a water sample from any groundwater entering the excavation.
- Stockpile the excavated soil. Profile and dispose of at an appropriate disposal site.
- Backfill the excavation with import material and restore the surface.
- Prepare a Summary Report documenting all field activities, tabulating all analytical results and presenting conclusions and recommendations for closure or further work.

### Pre-field Activities

This Work Plan will be submitted to the ACEH in electronic format as required. Upon approval of this Work Plan, JCC will obtain all permits which are required by Alameda County and the City of Oakland. The property owners will be notified of all field work dates and the precise locations so access is available. The ACEH will be notified of all field activity dates as soon as possible. Underground Service Alert will be notified at least 72 hours before any excavation so that any utilities are located. JCC will arrange and schedule all excavation, and laboratory subcontractor services.

### Soil Removal

After proper notification and permits have been received, the over-excavation will proceed. A backhoe or excavator will be used for the excavation. All efforts will be made to remove all obviously contaminated soil within the area of the three removed tanks. The approximate anticipated limits of the over-excavation are shown on the attached Figure 3.

The depth of the over-excavation will be about 13 to 15 feet below the sidewalk elevation, depending on utilities, groundwater conditions and backhoe access.

### **Confirmation Sampling**

After the excavation is complete, samples will be obtained from the sidewall of the over-excavation. Samples will also be taken from the bottom of the over-excavation if there is no groundwater.

If water accumulates in the excavation during the work, it will be pumped out and a determination made whether any accumulated water is run-off, seepage or true groundwater.

If accumulated water in the excavation is determined to be groundwater, samples will be taken in accordance with applicable standards. Water samples will be collected in a new disposable bailer and poured directly into laboratory cleaned 40 milliliter volatile organic analysis (VOA) vials to prevent loss of any volatile constituents. The vials will be filled slowly and in such a manner that the meniscus extends above the top of the VOA vial. After the vials are filled and capped, they will be inverted to insure there are no headspaces or entrapped air bubbles. After sealing with a laboratory provided teflon cap, the VOA vials will then be labeled and stored in a cooled ice chest for transportation to the analytical laboratory. Water samples which will be analyzed for non-volatile constituents will be decanted into laboratory cleaned one liter bottles and will be handled the same as the VOA vials.

A Chain-of-Custody form will be initiated by JCC personnel at the time of sampling and will accompany the water samples to a state certified laboratory using Department of Health Services approved methods.

As soil samples are obtained, they will be covered with teflon sheets, capped and sealed with airtight tape. All samples will then be labeled, and stored in a chilled ice chest for transportation to the analytical laboratory.

A Chain-of-Custody form will be initiated by JCC personnel at the time of sampling and will accompany the samples to a state certified laboratory using California Department of Health Services approved methods.

### **Excavation Backfill**

After the excavation is complete, it will be backfilled with clean imported fill.

### **Excavation Waste Management**

All soil as it is removed from the excavation will be placed on plastic sheeting, covered and maintained within the secured, fenced property. Samples will be taken and analyzed in order to determine appropriate methods of disposal.

### **Excavation Schedule**

JCC anticipates beginning the field work described herein within one month of receiving approval of this work plan by ACEH.

### **Soil and groundwater Sample Analyses**

Soil and groundwater samples obtained during the work described in this work plan will be analyzed for the following:

- Total Petroleum Hydrocarbons as Stoddard (TPH-S).
- Total Petroleum Hydrocarbons as Gasoline (TPH-G).
- Volatile Aromatic Hydrocarbons Benzene, Toluene, Ethylbenzene and total Xylenes (BTEX).
- Methyl Tertiary Butyl Ether (MTBE).
- Total Lead

All analyses will be conducted by a laboratory certified by the State of California and will utilize current extraction and analytic methods approved by the Department of Health Services.

### **Data Interpretation and Soil and Groundwater**

Following the completion of the field work, JCC will review the data obtained and prepare a Summary Report. The report will describe the details of the field work, summarize the analytical results, discuss the findings and provide conclusions and recommendations.

Any groundwater contamination will be assessed according to guidelines set forth by the Regional Water Quality Control Board LUFT Field Manual, October 1989 and the TRI-Regional Board Staff Recommendation for Preliminary Evaluation and Investigation of Underground Tank Sites, August 1990.

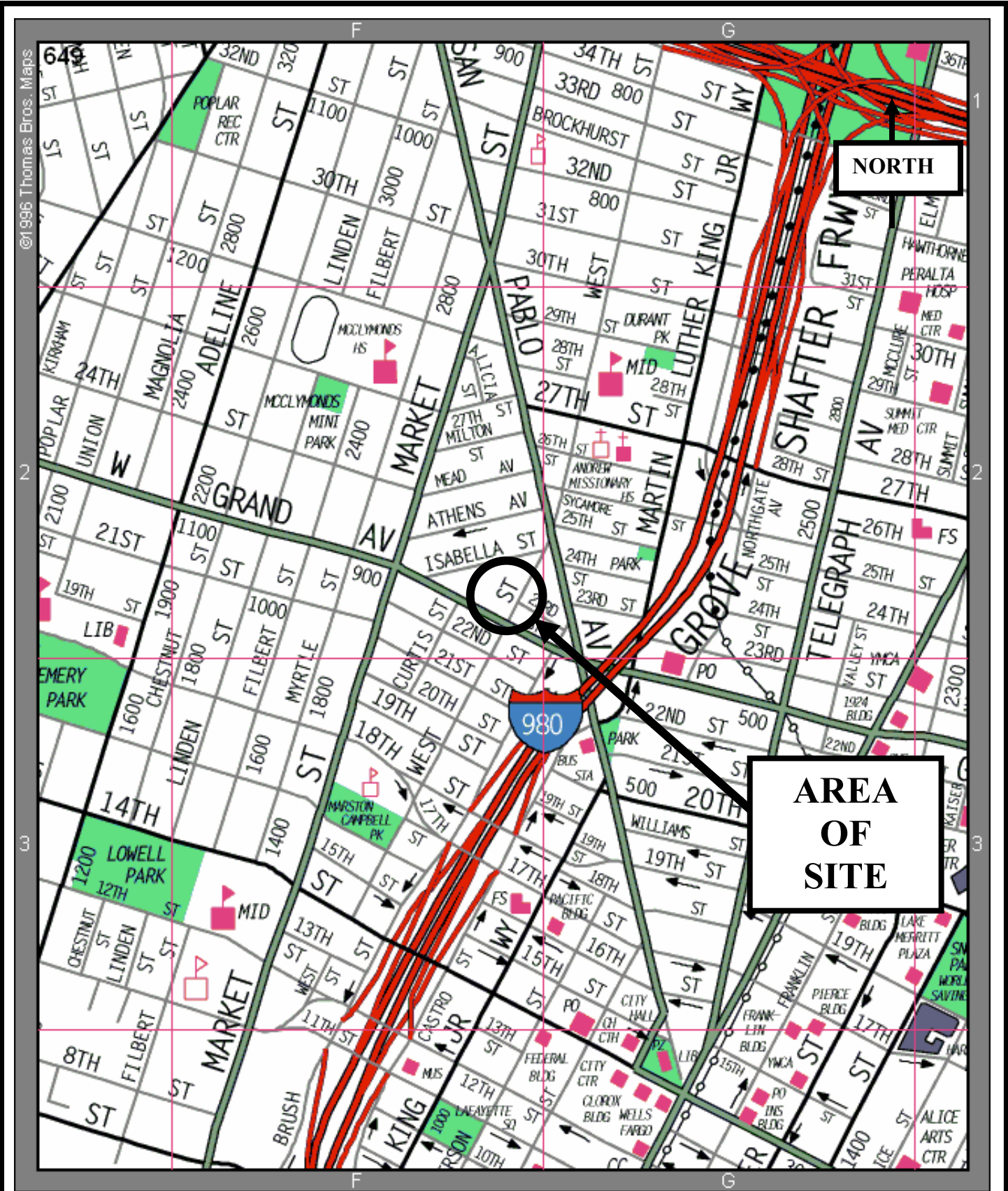


## ATTACHMENTS

### WORK PLAN FOR SOIL REMOVAL

800 West Grand Avenue  
Oakland, California  
RO#00000112\_Workplan\_2006-03-24

Project No. 5515  
March 23, 2006



**JOHN CARVER CONSULTING**

**VICINITY MAP**  
 800 West Grand Avenue  
 Oakland, California

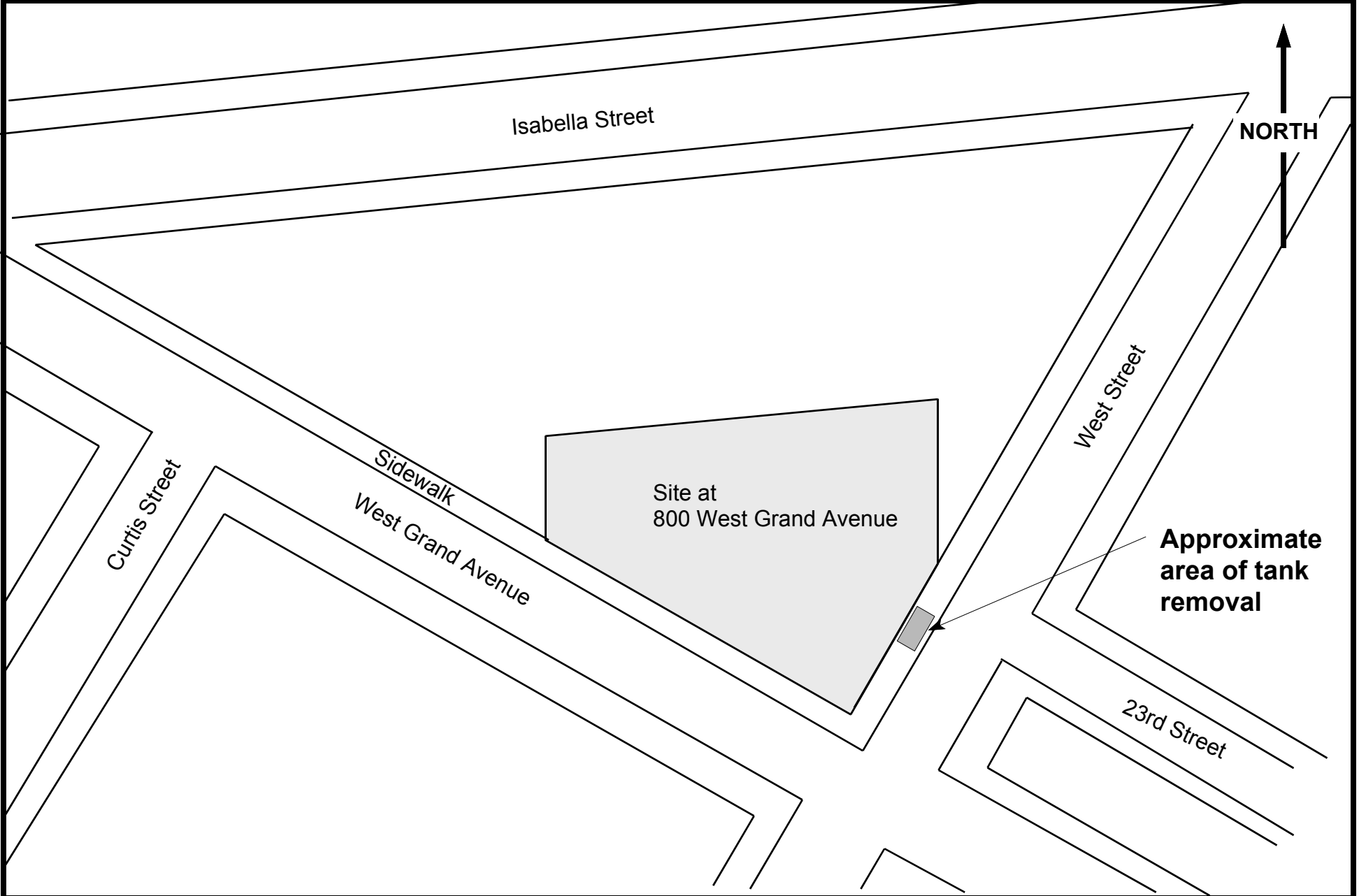
Project 5515

by: jnc

not to scale

March 2006

Figure Number 1



Isabella Street

NORTH

West Street

Site at  
800 West Grand Avenue

Approximate  
area of tank  
removal

Curtis Street

Sidewalk  
West Grand Avenue

23rd Street

**JOHN CARVER CONSULTING**

415 235 4648

**SITE PLAN**

800 West Grand Avenue  
Oakland, CA

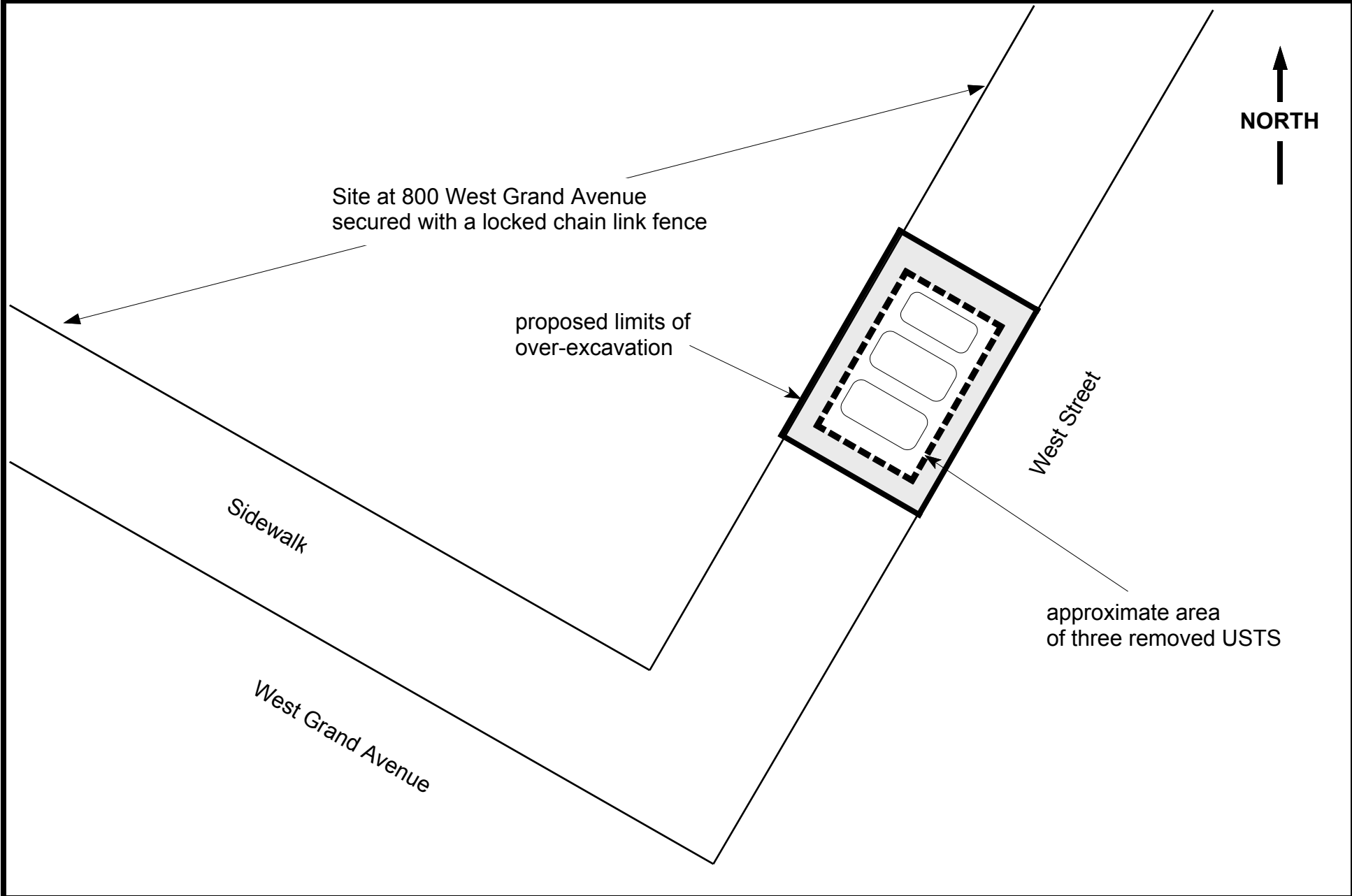
Project No. 5515

By: jnc

Not to scale

March 2006

Figure 2



**JOHN CARVER CONSULTING**

415 235 4648

**TANK LOCATION PLAN**

800 West Grand Avenue  
Oakland, California

Project No. 5515

By: jnc

Scale: 1" = 10'

March 2006

Figure 3

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

April 23, 1992

STID #917

Meaders Dry Cleaning  
800 W. Grand Av.  
Oakland CA 94607  
Attn: Patrick SwaseyDEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

Dear Mr. Swasey,

The case file for your site has recently been reviewed by our staff. The case has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please mail future correspondence to her attention.

The most recent document which we have in our file submitted on your behalf are the laboratory results from soils sampled subsequent to the removal of three underground gasoline storage tanks on 12/20/89. The laboratory results, dated 2/21/90, indicate as much as 9,000 ppm Total Petroleum Hydrocarbons (TPH) as gasoline, and as much as 14 ppm benzene in soils.

According to the Tri-Regional Water Quality Control Board guidelines, when contamination to soil of either TPH or Oil and Grease (O & G) exceeding 1,000 ppm is encountered, the soil is considered hazardous waste and must be over-excavated and subsequently disposed of as hazardous waste. Confirmatory soil samples must be taken to ensure that all heavily contaminated soil has been removed. Likewise, when contamination to soil of either TPH or Oil and Grease (O & G) exceeding 100 ppm is encountered, a groundwater investigation is required. Therefore, you are required to a) over-excavate the soil contaminated with TPH or O & G exceeding 1000 ppm, b) dispose this soil properly and provide our office with the disposal records, c) take confirmatory soil samples, and d) install monitoring wells in order to determine the impact to groundwater and also in order to determine the hydraulic gradient.

Therefore, we request that you submit a proposal within 45 days from the date of this letter, or by June 8th, for a groundwater and soil investigation.

All work must be performed according to the Leaking Underground Fuel Tank Field Manual, (LUFT Manual), revised 10/89, and the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites, revised 8/10/90, as summarized in Appendix A.

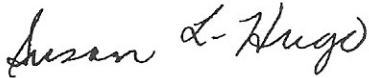
Copies of these documents can be obtained by calling the SFRWQCB data management group at 510-464-1269.

Patrick Swasey  
STID #917  
Page 2 of 2  
April 23, 1992

All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.

If you have any questions, please phone Jennifer Eberle at 510-271-4320.

Sincerely,



Susan Hugo  
Senior Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB  
File

je



ENVIRONMENTAL CONSULTING, INC.

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---

March 12, 1990

REF: PRO-259.90

Mr. Pat Swasey  
Meanders Drapes  
800 West Grand Avenue  
Oakland, CA 94607  
(415) 444-2741

RE: Phase I Site Investigation at 800 West Grand Avenue

Dear Mr. Swasey:

Certified Environmental Consulting, Inc., is pleased to submit a proposal for a Phase I Site Investigation at 800 West Grand Avenue, Oakland.

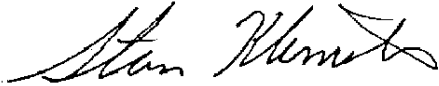
In December 1989, SEMCO removed three small tanks containing Stoddard Solvent. The soil samples collected during the tank removals contained elevated levels of TPH-Gas and BTEX. The County Regulator and the Regional Water Quality Control Board will require a Phase I Site Investigation be completed to determine the lateral and vertical extent of the contamination, and to prepare a site remediation plan. This work is followed by a Phase II Site Remediation.

We are proposing to use a Soil Gas Survey to determine the lateral extent of the contamination around the tank site. This data will be used to determine the quantity of soil affected. Once the contaminated soil has been removed or the lateral limits defined we can install the monitoring wells and determine the water quality. The overall program is discussed in the attached proposal, but the Scope of Work assumes that the extent of the contamination is limited and that the ground water is not impacted. The proposed budgets for one and three well systems are attached.

Mr. Pat Swasey  
REF: PRO-259.90  
March 12, 1990  
Page 2

We are looking forward to working with you on this project. Please let me know if you have any questions.

Very truly yours,



Stanley L. Klemetson, Ph.D., P.E.  
Vice President

Enclosures

cc: Chuck Kiper, SEMCO



## INTRODUCTION

In December 1990, SEMCO removed three small tanks containing Stoddard Solvent. The soil samples collected during the tank removals contained elevated levels of TPH-Gas and BTEX. Copies of the chain of custody and laboratory analysis are included in the appendix.

The County Regulator and the Regional Water Quality Control Board will require a Phase I Site Investigation be completed to determine the lateral and vertical extent of the contamination, and to prepare a site remediation plan. This is followed by a Phase II Site Remediation project. Each step will be discussed below.

## SCOPE OF WORK

We have found that the least cost approach for the client is to first determine the lateral extent of the contamination using a soil gas survey. If the lateral extent of the contamination is relatively small, excavation of the affect soil and on-site treatment is generally recommended. If the extent is large or the contaminated soil is under a building, alternative methods of solving the problem are also investigated. It is recommended that we be present during any soil excavation to measure hydrocarbon levels in the soil and to collect additional soil and water samples. The County Regulator will also be present during some of this work.

Once the soil contamination problem has been solved, the potential effect on the ground water is investigated during the installation of the monitoring wells required by the County Regulator and the Regional Water Quality Control Board. If possible we will install only one well; however, the County Regulator often requires three wells unless we can determine the hydraulic gradient of the ground water from nearby wells. If the ground water is clean, only quarterly monitoring of the ground water for one year is required. If the ground water has been affected, additional investigation and treatment may be required.

The proposed tasks for a small scale project without ground water contamination are summarized below:

#### Task 1 - Soil Gas Survey

We propose to investigate the site by using the soil gas survey to determine the lateral extent of the contamination in soil. This is achieved by driving a hollow probe tube into the soil at a number of locations, drawing a vacuum on the probe, and measuring the extracted vapors. This method of investigation is far less expensive and quicker than collecting samples with a hollow stem auger and analyzing the samples in the laboratory.

Once the soil gas survey has been completed, the remediation plan will be prepared and submitted to the county. The plan will include a proposed outline for the re-excavation of the tank site, if required, and the proposed monitoring well locations.

#### Task 2 - Site Remediation Supervision

After the County Regulator approves the remediation plan, SEMCO can remove any additional soil necessary to obtain a clean excavation. We would <sup>will</sup> like to be present during the excavation to evaluate the soil being removed with an organic vapor meter (OVM). It is assumed that any additional soils that are removed from the excavation will be treated on-site by SEMCO. We <sup>will</sup> can provide any environmental support required for this work.

see table  
2 task 2

#### Task 3 - Monitoring Wells

After the excavation work is complete, monitoring wells are installed. The County Regulator will require one well in the "verified down gradient direction." If we can determine the direction from other nearby well data one well is sufficient. Generally, the County Regulator is requiring that three wells be installed. I have given you a cost estimate

for both 1 and 3 wells systems. If the monitoring wells do not contain any contamination, all that will remain is to collect a water sample every three months for one year.

Task 4 - Quarterly Monitoring

When a monitoring well is installed it is required that quarterly water samples be collected every three months for one year if the samples are clean, and the results submitted to the county. The cost of quarterly monitoring is a function of the number of wells installed. *assume 3 wells*

The estimated budgets for this project are attached. Table 1 is for one monitoring well and Table 2 is for three monitoring wells. It assumes that only the soil is contaminated and not the water. The construction work to be handled by SEMCO is not included in this budget. If the proposal is acceptable to you please sign the attached fee schedule to authorize the work.

*at SEMCO  
\$10K for  
SEMCO*

**ADDITIONAL REMEDIATION WORK**

If it is found during the Phase I Site Investigation that the lateral extent of the contamination is large or that the ground water is contaminated, additional work will be required at the site.

*variable  
variable*

Phase II Site Remediation - Soil

Soil remediation may achieved by soil removal and disposal, soil removal and treatment, or *in-situ* in-situ treatment. The acceptable methods will depend upon the quantity of soil to be treated, the depth to ground water, and the type of contaminate in the soil. This can only be determined after the extend the problem has been defined by the Phase I site investigation.

*variable  
the  
allowed  
\$10K for  
\$1000 SEMCO  
variable  
table 2, table 2*

## Phase II Site Remediation - Water

If the ground water is contaminated, additional wells may be required to required to determine the lateral extent of the ground water contamination. The ground water contamination is generally handled by pumping and treating the water.

COSTLY  
2/18/06

**JAMES C. BATEMAN PETROLEUM SERVICES, INC.** 1385 Fairfax St  
 435 W. Hatch Rd. Modesto, Calif. 95381  
 General & Engineering Contractors  
 (800) 533-8283

**JAMES C. BATEMAN PETROLEUM SERVICES, INC.**  
 1808 Leslie St. San Mateo, Calif. 94402  
 General & Engineering Contractors  
 (800) 533-8283

SDN FRANCISCO  
 L-2190131 ①  
 CHAIN OF CUSTODY RECORD  
 5/5/12

PROJECT NAME:		Station Location.		Number of Containers	REMARKS		
Station Number	Date / Time						
PROJECT NAME: <i>Meadees Deapes 800 W. Grand Av. OAKLAND</i> SAMPLERS (signature): <i>C. A. Kiper - Same</i>					<i>Analysis Requested            BTEXE            AS GAS-MS            5/7/01</i>		
1N	1/17/00 3:10	✓	1N-11'6" - 300	1		✓	<i>Standard</i>
2C	1/20/00 3:15	✓	2C-12'6" 500	1		✓	<i>350</i>
3S	1/20/00 3:20	✓	3S-13'0" 500	1		✓	<i>Solvent</i>
4ES	1/20/00 4:41	✓	Excavated Spills Corp	1		✓	<i>AS GAS</i>
Relinquished by (signature): <i>C. A. Kiper</i> Company or Agency: <i>Same</i>	Date / Time: 12/21 8:58	Received by (signature): <i>Armanda Pineda</i> Company or Agency: <i>ESPECES ET</i>	Relinquished by (signature): <i>ESPECES ET</i> Company or Agency: <i>ESPECES ET</i>	Date / Time: 1/21 9:31	Received by (signature): <i>ESPECES ET</i> Company or Agency: <i>ESPECES ET</i>	Relinquished by (signature): <i>ESPECES ET</i> Company or Agency: <i>ESPECES ET</i>	

Remarks/Shipping Information  
*Normal Tank*

**SUPERIOR ANALYTICAL LABORATORY, INC.**

1385 FAIRFAX ST., STE. D. • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

## C E R T I F I C A T E   O F   A N A L Y S I S

LABORATORY NO.: 51512  
 CLIENT: SEMCO  
 CLIENT JOB NO.: MEADERS DRAP

DATE RECEIVED: 12/22/89  
 DATE REPORTED: 01/04/90

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS  
 by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/kg) Gasoline Range
1	1N-11'6"-300	9000
2	2C-12'6"-500	1300
3	3S-13'0"-500	970
4	4ES EXCAVATED SPOILS COMP.	8700

mg/kg - parts per million (ppm)

Minimum Detection Limit for Gasoline in Soil: 1mg/kg

## QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = <15%  
 MS/MSD Average Recovery = 99%: Duplicate RPD = 8%

Richard Srna, Ph.D.

*Richard Srna*  
 Laboratory Director

OUTSTANDING QUALITY AND SERVICE

**SUPERIOR ANALYTICAL LABORATORY, INC.**

1385 FAIRFAX ST. STE. D. • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

## C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 51512  
 CLIENT: SEMCO  
 CLIENT JOB NO.: MEADERS DRAP

DATE RECEIVED: 12/22/89  
 DATE REPORTED: 01/04/90

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES  
 by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration(ug/kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	1N-11'6"-300	14000	28000	4000	47000
2	2C-12'6"-500	9200	22000	9900	15000
3	3S-13'0"-500	9400	20000	2200	11000
4	4ES EXCAVATED SPOILS COMP.	1600	16000	6900	53000

ug/kg - parts per billion (ppb)

Minimum Detection Limit in Soil: 3.0ug/kg

## QA/QC Summary:

Daily Standard run at 20ug/L: RPD = <15%  
 MS/MSD Average Recovery = 89% ; Duplicate RPD = 8%

Richard Srna, Ph.D.

*Richard Srna*  
 Laboratory Director

OUTSTANDING QUALITY AND SERVICE

State of California Health and Welfare Agency  
Form Approved OMB No. 2060-0028 (Expires 9-30-91)  
Please print or type. (Form designed for use on 8 1/2 pitch typewriter).

Department of Health Services  
Toxic Substances Control Division  
Sacramento, California

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7850

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA 02781580822		Manifest Document No. 11111		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address MEADERS CLEANERS 300 WEST GRAND AVE OAKLAND CALIF						A. State Manifest Document Number 88121624							
4. Generator's Phone 415 444 2741						B. State Generator's ID							
5. Transporter 1 Company Name ERICKSON TRUCKING INC						C. State Transporter's ID 001911							
6. US EPA ID Number CA 02109461392						D. Transporter's Phone (415) 235-1393							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address ERICKSON, INC. 235 PARR BLVD BIRMINGHAM CALIF 94801						G. State Facility's ID							
10. US EPA ID Number CA 02109461392						H. Facility's Phone (415) 235-1393							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		Waste No.	
a. WASTE EMPTY STORAGE TANKS CALIFORNIA REGULATED WASTE ONLY						No. Type		Quantity		Unit Wt/Vol		State 512 EPA/Other None	
b.												State	
c.												State	
d.												State	
J. Additional Descriptions for Materials Listed						K. Handling Codes for Wastes Listed Above							
EMPTY SOLVENT TANKS FILL WITH 90 LB DRY ICE													
15. Special Handling Instructions and Additional Information													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name C.A. Kober-Sanchez						Signature C.A. Kober-Sanchez						Month Day Year 11/21/89	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name THOMAS J. ROTHSTEIN						Signature Thomas J. Rothstein						Month Day Year 11/21/89	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name						Signature						Month Day Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.													
Printed/Typed Name						Signature						Month Day Year	