

# ***DIETZ IRRIGATION***

***Engineers and Contractors***

**Serving Agriculture and Industry**

CA Lic. #638281 WA Lic. DIETZ1\*020MB

**REPORT**

**OF**

**EXCAVATION & TREATMENT**

**OF**

**HYDROCARBON AFFECTED SOIL**

**208 Jackson Street  
Oakland, California**

**November 30, 1998**

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**BACKGROUND**

In early 1998 SNK Realty Group, located at 185 Berry Street, Suite 1200, San Francisco, California 94107-1729, was considering purchase of property located at 208 Jackson Street, Oakland, California, which was being operated as the Wo Lee Food Company. The objective was to redevelop the site which consists of a city block bounded by Jackson Street to the north, Madison Street to the south, Second Street to the west and Third Street to the east. The property was to be demolished and redeveloped for apartments and retail businesses. The legal name of the development is SNK Allegro @ JLS LLC. SNK authorized The San Joaquin Company Inc. to prepare a Remediation Plan for petroleum hydrocarbons (both diesel and gasoline) which existed in the soils and groundwater beneath the south-west corner of the property resulting from underground storage tank or piping leaks. The tanks were removed in 1990 by a former owner of the property, East Bay Packing Company, prior to their bankruptcy. The prior owner of the property, Wo Lee Foods had performed limited characterization of the site and had conducted very limited excavation in the area of the formerly installed storage tanks.

The Remediation Plan, prepared by The San Joaquin Company Inc., was submitted to the Alameda County Environmental Local Oversight Program which is the lead agency for this site. The Remediation Plan was approved with minor revisions requested. The following cleanup standards were established for soils at this site.

**For Excavated Soil Remaining In Situ:**

Total Petroleum hydrocarbons quantified as diesel (TPHd):	1000 mg/Kg
Total Petroleum hydrocarbons quantified as gasoline (TPHg):	100 mg/Kg
Benzene:	0.016 mg/Kg

**For Treated Soil Returned to Remedial Excavation:**

Total Petroleum hydrocarbons quantified as diesel (TPHd):	1000 mg/Kg
Polynuclear Aromatic Compounds (PNAs):	ND
Total Petroleum hydrocarbons quantified as gasoline (TPHg):	100 mg/Kg
Benzene:	ND
Toluene:	ND
Ethylbenzene:	ND
Total Xylene Isomers:	ND

The Remediation Plan was revised by The San Joaquin Company to incorporate the Alameda County comments and was reissued on October 12, 1998. The Remediation Plan is included as Appendix 1. This revised plan was approved by Alameda County (see Appendix 2).

SNK selected Dietz Irrigation, a licensed general engineering contractor (License #638281) with a hazardous waste sub license, to perform the remediation. After close of escrow remediation was started in late August of 1998.

## **PURPOSE**

The purpose of this report is to provide a regulatory status report of the remediation at 208 Jackson Street as requested by Alameda County in Appendix 2. This report documents the results of sampling from the bottom of the excavation and includes the sample data showing that the hydrocarbon affected soil has been excavated and the remaining soil in the site meets the cleanup standards established in the approved Remediation Plan. This report also provides documentation that the hydrocarbon affected soil from the excavation has been successfully treated to achieve the cleanup standards permitting beneficial reuse as backfill on site.

Another purpose of this report is provide the documentation to reach agreement with Alameda County that the on site remediation work has been completed. The hydrocarbon affected soil has been excavated and treated to achieve the site cleanup standards which will then permit site construction to proceed. Monitoring of replacement monitoring wells will continue during the construction phase and will provide the necessary data to justify site closure. This report does not include the results of the monitoring of the replacement monitoring wells. A separate report will be prepared by The San Joaquin Company Inc. when monitoring well data is available to provide adequate documentation and justification to request site closure by Alameda County and the Bay Area Regional Water Quality Control Board.

## **PREPARATION FOR REMEDIATION**

The prior property owner, Wo Lee Food Company had removed a significant amount of obsolete food processing equipment from the site by close of escrow but a considerable amount of debris remained. Approximately 200 to 300 cubic yards of soil previously excavated were stockpiled on the site. Two steel structures were also located in the area to be excavated.

In preparation for the start of remediation, equipment consisting of a Komatsu PC200LC-5 excavator with a 1 ½ yard bucket, a Case Model 821 front loader with a 4 cubic yard bucket, a Case 580 K backhoe and a Landini GE 85 tractor with soil treatment equipment was mobilized to the job site. The trash was removed from the property and shipped to a Class III landfill in debris dumpsters. Concrete and asphalt was shipped to a concrete recycler for beneficial reuse. Permits were obtained for the demolition of the steel structures. Copies of the City of Oakland permits and Air Board permits are included in Appendix 3. A pre-demolition asbestos survey was conducted by The San

Joaquin Company Inc. No asbestos was present in either of the steel structures to be demolished. Once the trash was removed from the site, the previously excavated soil was placed in the open excavation to permit demolition of the steel structure located at the intersection of Madison Street and Second Street. Dumpsters were mobilized to the job site for recycling of the steel following demolition of the building. After demolition of the building and removal of the debris, the asphalt and concrete covering the area to be excavated was removed and shipped to a concrete recycler for beneficial use as aggregate base.

Test pits were excavated and soil samples analyzed to aid in definition of the lateral and vertical extent of the hydrocarbon affected soil. During excavation of these test pits it was discovered that the site contained flowing sands which necessitated the use of a special excavation technique to prevent subsidence of the adjacent streets. This technique consisted of excavation of cells approximately 25 feet by 25 feet up to 7 feet below the water table and immediately backfilled with 6 inch drain rock to maintain stability. The flowing sands had the consistency of wet concrete. It was necessary, once the excavation started, to be ready to immediately backfill with large drain rock to maintain stability of the excavated area.

#### **EXCAVATION AND STABILIZATION**

Prior to the start of excavation the Bay Area Air Quality Management District was notified in accordance with their requirements. The excavation proceeded from the south-west corner of the site which is the intersection of Madison and Second Streets. The excavated soil was shuttled in several steps by the excavator to a location where it could be picked up by the front loader and stockpiled. Soil samples were taken from the excavation bottom on a 25 feet by 25 feet grid pattern. Additional samples were taken when approaching the limits of the hydrocarbon affected soil particularly along the east and north excavation walls. The limits of the excavation and the samples taken are visually presented in Figure 1. Table 1 lists the samples taken and laboratory results in tabular form. The laboratory data including the Chain of Custody is included in its entirety in Appendix 4.

The special 6 inch drain rock used to stabilize the excavation was added periodically to maintain a level just above the water table. Fortunately, the water flowed into the excavation very slowly which permitted the rock to be brought over a several week time period. Over 900 tons of rock were used to stabilize the excavation which was ultimately brought to just above the top of the water table (approximately 5 feet below the level of the sidewalk).

The cleanup standards established prior to the start of this project were achieved in the area excavated in all but one location. In one location the benzene concentration in the soil was 0.17 mg/Kg. The laboratory results trailed the excavation by approximately five days. Rock had already been added to the hole to stabilize the excavation when this concentration of benzene exceeding the cleanup standard was reported. It was not considered appropriate to re-open the excavation because the residual concentration of benzene in this small area was very low and the stability of the street could be adversely affected. Verbal agreement was obtained from the Alameda County representative, Mr. Larry Seto, that re-excavation would not be required.

During the course of the excavation it became evident that the hydrocarbon affected soil extended somewhat beneath the second steel shed which was located on Madison Street between Second and Third. In order to effectively excavate and later treat soil this structure was demolished. The City of Oakland demolition permit is included in Appendix 3.

The soil stockpiles were sampled and analyzed to comply with Bay Area Air Quality Management District requirements to obtain representative concentrations of hydrocarbons in the soil which dictated the rate soil may be moved from the stockpile to the treatment area.

### **SOIL TREATMENT**

The processes used for treatment of hydrocarbon affected soil were aeration of gasoline and benzene, toluene, ethyl benzene and xylene plus natural bio remediation of diesel. The soil was moved from the stockpile and spread in the treatment area 12 to 18 inches deep using the front loader. The quantity of soil which could be spread was regulated by the Bay Area Air Quality Management District specifications. Once the soil was spread using the front loader, a tractor equipped with a 6 foot rotivator was used to aerate and oxygenate the soil. This was conducted, depending on weather conditions, several times a day or at intervals of several days. To complete the treatment of the affected soil three distinct batches which ranged from 500 to 700 cubic yards were required. These were labeled LDS-1, LDS-2 and LDS-3. Treatment was conducted during the period from mid September to early November of 1998. Once the treatment had proceeded until no olfactory indications could be detected from the spread, sampling was conducted. Table 2A shows the results of sampling for LDS-1 which was conducted on September 29, 1998; Table 2B shows the results of analysis of samples taken from LDS-2 on October 15, 1998 and Table 2C shows the sample results of from LDS-3 sampled on November 10, 1998. See Figures 2A, 2B and 2C for the sample locations on each of these spreads.

The samples were taken on a random basis using a random number generator to locate the samples. The complete laboratory data including Chain of Custody is included in Appendix 4.

All sample results showed that the treated soil had achieved the cleanup standards. All of the samples were non detect for gasoline, benzene, toluene, ethyl benzene and xylenes. The highest concentration for Total Petroleum Hydrocarbons as diesel was 270 mg/Kg which is well below the cleanup standard of 1000 mg/Kg. Approval was requested from Alameda County to use this material as backfill on the site. See Appendix 2 for copies of the County approval for use of the treated soil as backfill.

Upon successful treatment of the hydrocarbon affected soil, the soil was stockpiled in separate stockpiles pending use as site backfill.

#### **BACKFILL AND COMPACTION**

The 6 inch drain rock was smoothed and carefully compacted to provide a firm base prior to the start of soil backfill. Some soft areas were encountered during the vibratory compaction and additional rock was imported to stabilize these areas and to bring the top of rock above the water table. A 66 inch pad foot vibratory compactor was used for the compaction.

A representative soil sample was taken to obtain a moisture density curve which is necessary to enable nuclear gauge testing of the compacted soils and verify that the desired compaction level had been achieved. The compaction standard established for this site was 90 percent relative density as measured by nuclear gauge testing. It was necessary to have at least 12 inches of compacted soil in place before testing to avoid interference from the large drain rock underlying the area being backfilled. The soil was moved from the stockpile area and spread in preparation for compaction in approximately 6 to 8 inch lifts. The material was compacted using the vibratory compactor and periodically tested with a nuclear gauge. See Appendix 5 for the moisture density curve and compaction data. The standard of 90 percent relative density was easily achieved using the treated soil. The grade was established at 2 feet below the sidewalk as previously agreed to by the SNK Project Manager, Mr. Scott Johnson. The remaining soil was stockpiled on top of the compacted fill in the area of the excavation until site grading plans are prepared.

#### **MONITORING WELLS**

Five monitoring wells had been previously installed on the site. Monitoring well 1 was destroyed during over excavation in the tank pit several years ago. Monitoring wells 2 and 3 were approved for closure by the Alameda County Public Health prior to purchase

of the property by SNK. In preparation for the site remediation Alameda County permits were obtained for closure of monitoring wells 2 and 3 by grouting and closure of monitoring wells 4 and 5 by over excavation. The permits are included in Appendix 6.

To provide sufficient data to obtain site closure by Alameda County and the Regional Water Quality Control Board, two replacement monitoring wells for monitoring wells 4 and 5 called MW4R and MW5R are to be installed in the parking areas of Second and Madison Streets. The well locations are shown in the Remediation Plan included in Appendix 1.

Monitoring wells 4 and 5 were removed by over excavation during excavation of the hydrocarbon affected soil. Monitoring wells 2 and 3 were grouted by Gregg Drilling on November 23, 1998. At that time it was also planned to install the two replacement monitoring wells and permits were obtained from Alameda County. For installation of the two new monitoring wells a minor encroachment permit and an excavation permit were obtained from the City of Oakland. Copies of these permits for the replacement monitoring wells are included in Appendix 6. USA Alert was requested to identify utilities in the area. Monitoring well installation was initiated but stopped due to thick concrete located beneath the asphalt in the street. It will be necessary to core drill the concrete prior to installation of these monitoring wells. This will be scheduled as soon as a drill rig is available.

#### **REMAINING WORK TO BE COMPLETED**

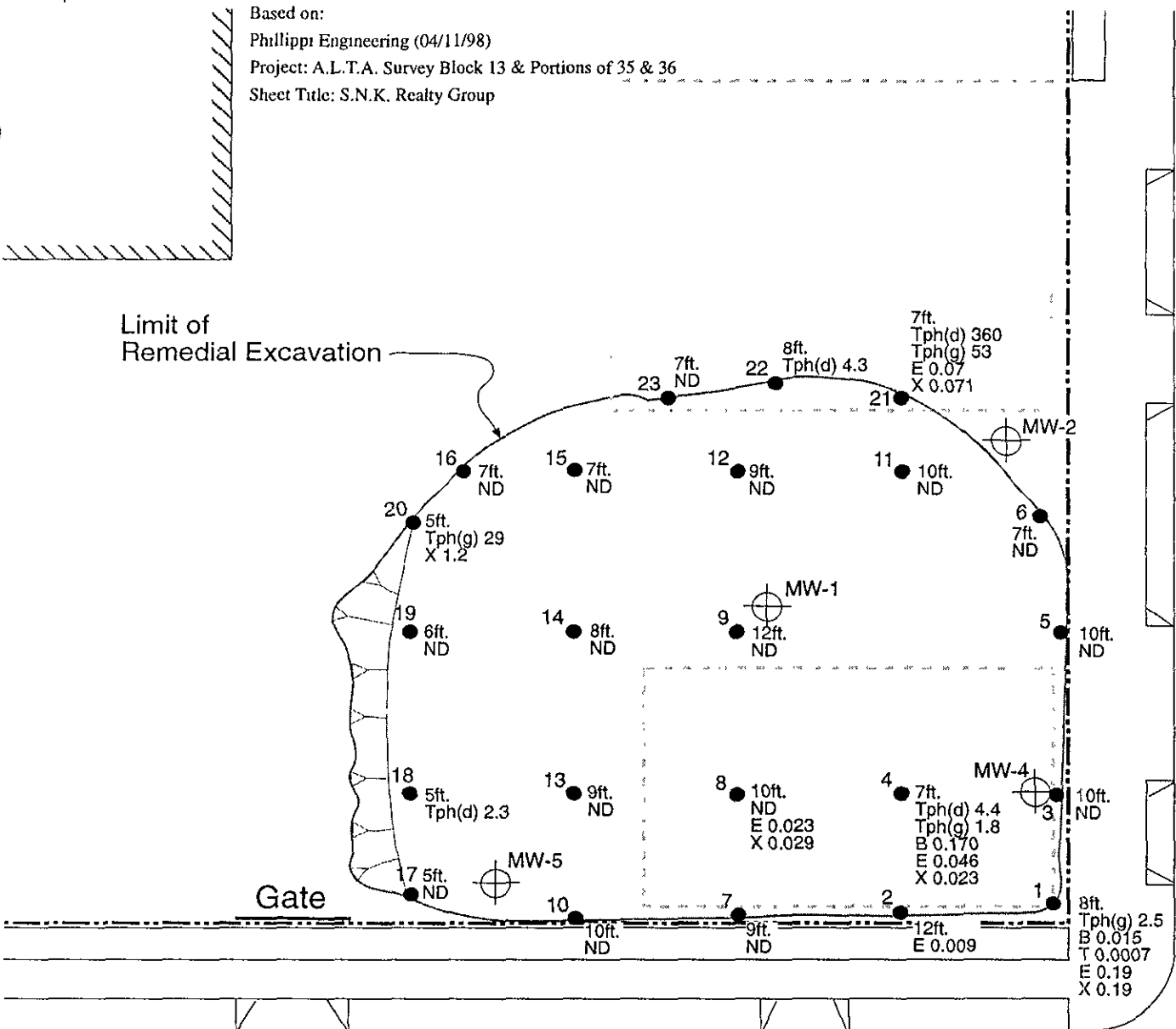
Excavation and treatment of hydrocarbon affected soil has been completed in accordance with the approved Remediation Plan. The remaining work to be done to obtain regulatory closure of this site is:

- Complete the installation of monitoring wells MW4R and MW5R.
- Prepare Remediation Report.
- Sample for four quarters and prepare quarterly reports.
- Prepare a report justifying site closure.

Since the hydrocarbon affected soil has been removed from the site it is expected that the concentrations of hydrocarbons in the groundwater will decrease showing natural attenuation with time.

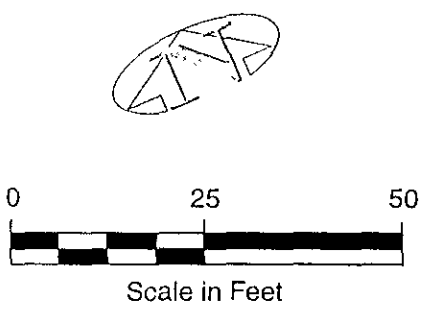


Based on:  
 Phillippi Engineering (04/11/98)  
 Project: A.L.T.A. Survey Block 13 & Portions of 35 & 36  
 Sheet Title: S.N.K. Realty Group



**EXPLANATION**

- MW-2 Monitoring Well Location (closed)
  - 13 ● Sample Location
  - ND No analytes of concern detected above the applicable MDL except as noted
  - 10ft. Depth in feet to bottom of remedial excavation
  - Property Boundary
- Analytes of concern**  
 (All concentrations in mg/kg)
- Tph(d) - diesel
  - Tph(g) - gasoline
  - B - Benzene
  - T - Toluene
  - E - Ethylbenzene
  - X - Xylenes
- NOTE: Refer to Table 1 for complete data results



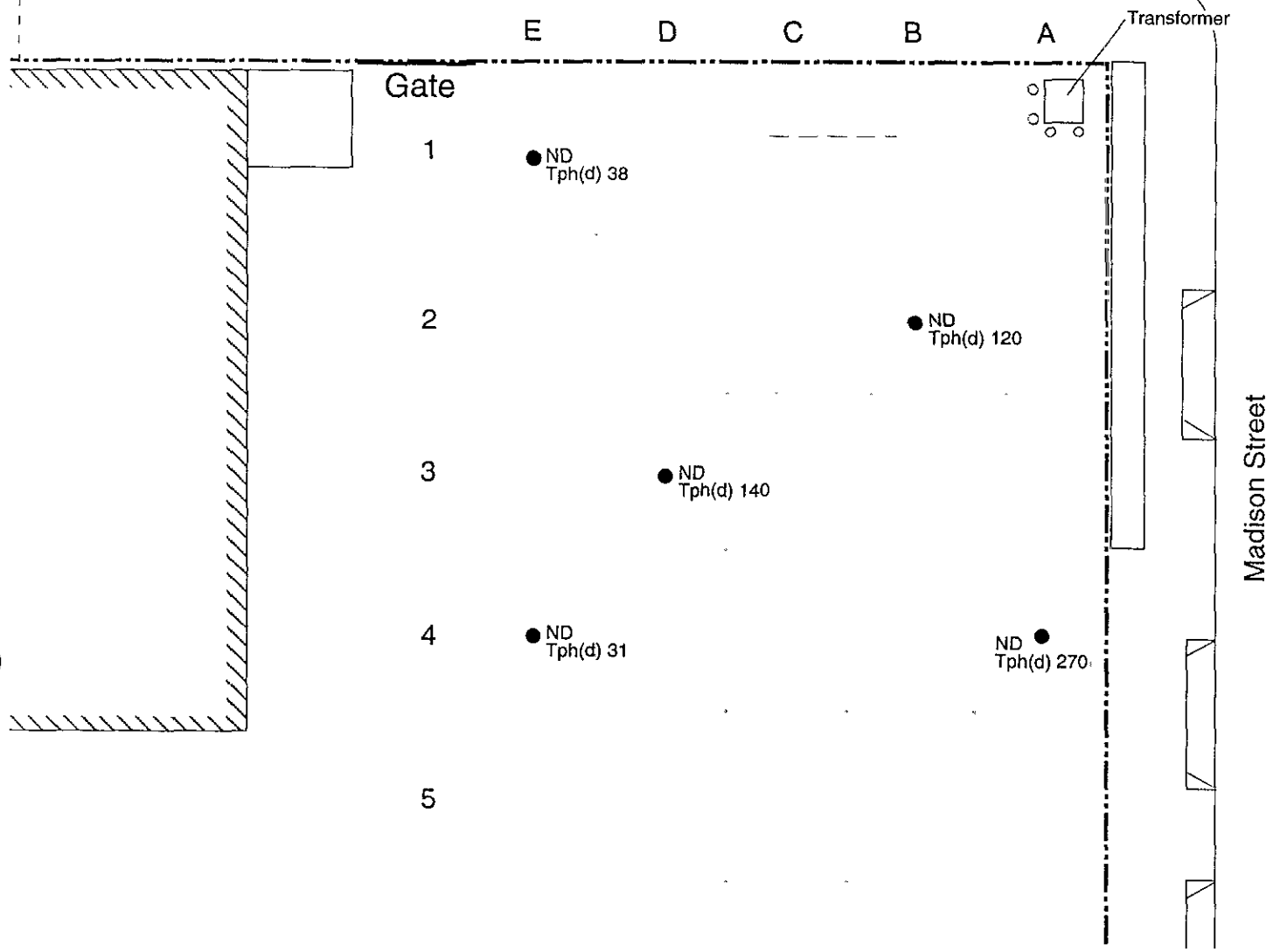
**SAMPLE LOCATIONS IN REMEDIAL EXCAVATION**

208 Jackson Street, Oakland, California

FIG 1	<b>The San Joaquin Company, Inc.</b>	Project Number: 9401.114	
		Drawn by: GNM	Date: 11/25/98

Based on:  
 Phillippi Engineering (04/11/98)  
 Project: A.L.T.A. Survey Block 13 & Portions of 35 & 36  
 Sheet Title: S.N.K. Realty Group

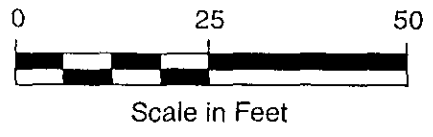
Third Street



**EXPLANATION**

- Sampling Location
  - N.D. No analytes of concern detected above the applicable MDL except as noted
  - Property Boundary
- NOTE: Refer to Table 2a for complete data results

**Analytes of concern**  
 (all concentrations in mg/kg)  
 Tph(d) - diesel  
 Tph(g) - gasoline  
 B - Benzene  
 T - Toluene  
 E - Ethylbenzene  
 X - Xylenes  
 PNA - Polynuclear Aeromatics



**SAMPLE LOCATIONS IN TREATED SOIL SPREAD LDS 1**

208 Jackson Street, Oakland, California

FIG 2a

**The San Joaquin Company, Inc.**

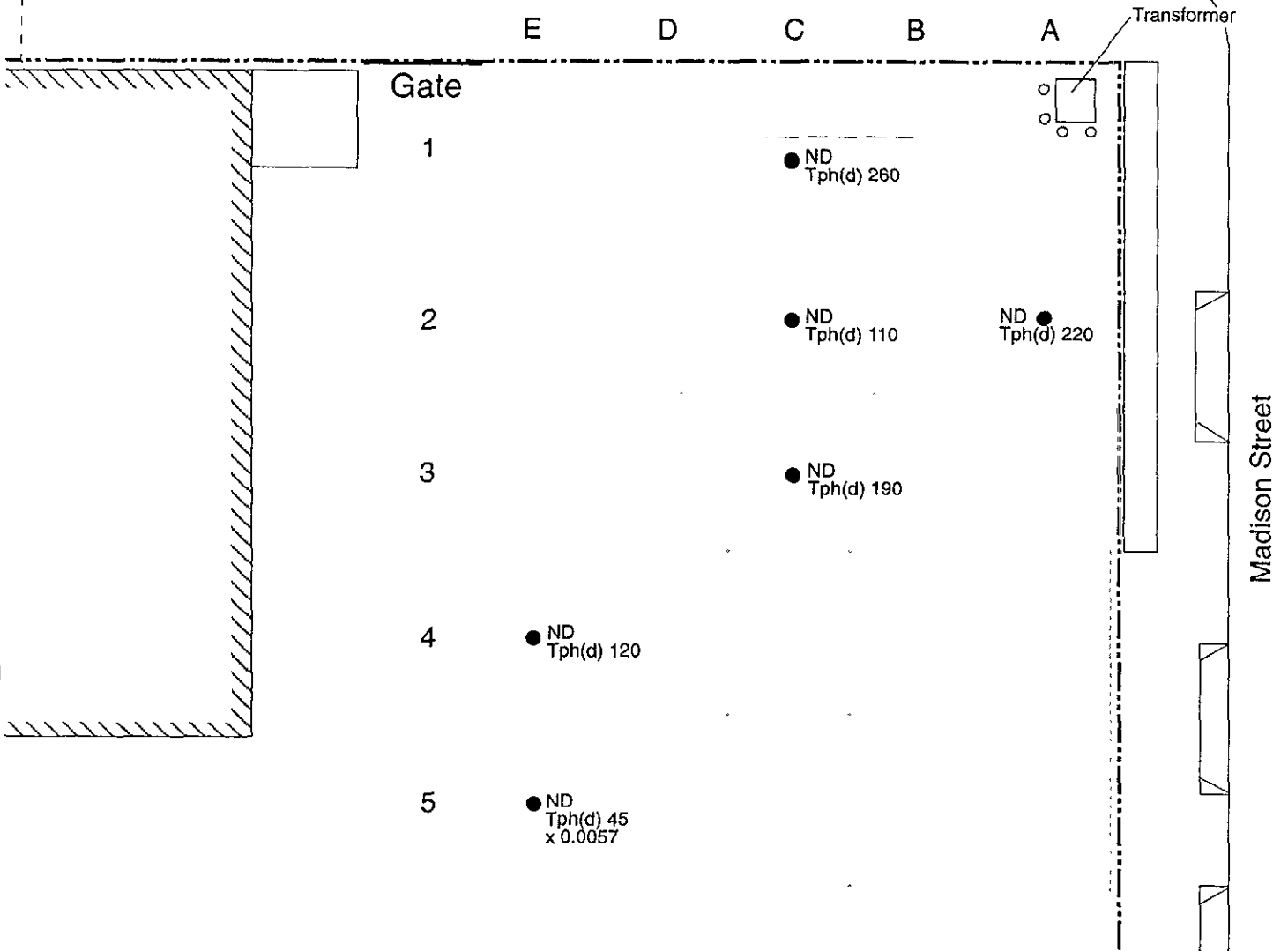
Project Number: 9401.114

Drawn by: GNM

Date: 11/25/98

Based on:  
 Phillippi Engineering (04/11/98)  
 Project: A L.T.A. Survey Block 13 & Portions of 35 & 36  
 Sheet Title: S.N.K. Realty Group

Third Street



**EXPLANATION**

- Sampling Location
- N.D. No analytes of concern detected above the applicable MDL except as noted
- Property Boundary

**Analytes of concern**  
 (all concentrations in mg/kg)  
 Tph(d) - diesel  
 Tph(g) - gasoline  
 B - Benzene  
 T - Tolulene  
 E - Ethylbenzene  
 X - Xylenes  
 PNA - Polynuclear Aeromatics

NOTE: Refer to Table 2b for complete data results



**SAMPLE LOCATIONS IN TREATED SOIL SPREAD LDS 2**

208 Jackson Street, Oakland, California

FIG 2b

**The San Joaquin Company, Inc.**

Project Number: 9401.114

Drawn by: GNM

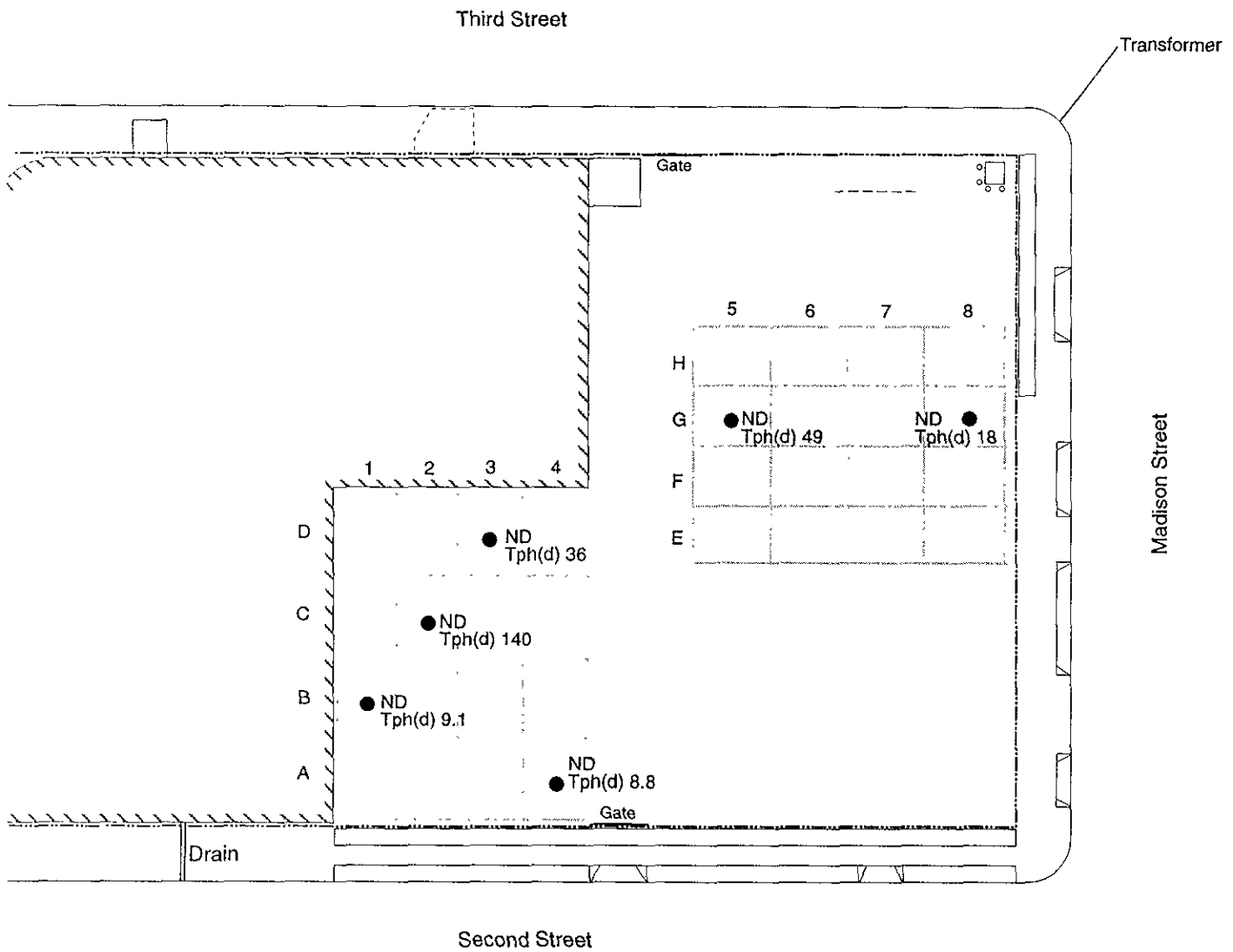
Date: 11/25/98

Based on:

Phillippi Engineering (04/11/98)

Project: A.L.T.A. Survey Block 13 & Portions of 35 & 36

Sheet Title: S.N.K. Realty Group



### EXPLANATION

● Sampling Location

N.D. No analytes of concern detected above the applicable MDL except as noted

--- Property Boundary

NOTE: Refer to Table 2c for complete data results

**Analytes of concern**  
 (all concentrations in mg/kg)

Tph(d) - diesel  
 Tph(g) - gasoline  
 B - Benzene  
 T - Toluene  
 E - Ethylbenzene  
 X - Xylenes  
 PNA - Polynuclear Aeromatics



## SAMPLE LOCATIONS IN TREATED SOIL SPREAD LDS 3

208 Jackson Street, Oakland, California

FIG 2c

**The San Joaquin Company, Inc.**

Project Number: 9401.114

Drawn by: GNM Date: 11/25/98

TABLE 1

RESULTS OF ANALYSES OF SOIL SAMPLES RECOVERED  
FROM THE BOTTOM OF THE REMEDIAL EXCAVATION

Location Number (on Figure 1)	Sample Number	Sample Depth ft	Date Sampled	TPHd (Diesel) mg/Kg	TPHg Gasoline) mg/Kg	Benzen mg/Kg	Toluene mg/Kg	Ethyl- benzene mg/Kg	Total Xylenes mg/Kg
1	CON 00	8	8-Sep-98	N.D.	2.5	0.015	0.0067	0.19	0.98
2	CON W25	12	8-Sep-98	N.D.	N.D.	N.D.	N.D.	0.0087	N.D.
3	CON S25	10	8-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4	CON S25-W25	7	8-Sep-98	4.4	1.8	0.17	N.D.	0.46	0.023
5	CON S50	10	8-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6	CON S60	7	8-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7	CON W50	9	10-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8	CON W50-S25	10	10-Sep-98	N.D.	N.D.	N.D.	N.D.	0.023	0.029
9	CON W50-S50	12	10-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
10	CON W75(10)	10	10-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
11	CON S75 W25	10	14-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
12	CON S75 W50	9	14-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
13	CON W75-S25	9	14-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
14	CON W75-S50	8	14-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15	CON W75-S75	7	14-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
16	CON S75-W100	7	14-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
17	CON W100	5	15-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
18	CON W100-S25	5	15-Sep-98	2.3	N.D.	N.D.	N.D.	N.D.	N.D.
19	CON S50-W100	6	15-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
20	CON S70-W100	5	15-Sep-98	N.D.	29	N.D.	N.D.	N.D.	12
21	CON E25-S80	7	18-Sep-98	360	N.D.	N.D.	N.D.	0.0074	0.072
22	CON E45-S80	8	18-Sep-98	4.3	N.D.	N.D.	N.D.	N.D.	N.D.
23	CON E60-S80	7	18-Sep-98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Notes: (1) N D = Not Detected above the Method Detection Limit (MDL).

TABLE 2A

RESULTS OF ANALYSES OF SAMPLES  
FROM TREATED SOIL SPREAD LDS-1

Sample No.	Date Sampled	TPHd mg/Kg	TPHg mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl- benzene mg/Kg	Total Xylenes mg/Kg
A4	09/29/98	38	ND	ND	ND	ND	ND
B2	09/29/98	120	ND	ND	ND	ND	ND
D3	09/29/98	140	ND	ND	ND	ND	ND
E1	09/29/98	270	ND	ND	ND	ND	ND
E4	09/29/98	31	ND	ND	ND	ND	ND

- Notes:
- (1) A composite of all 5 soil samples listed above was tested for Polynuclear Aromatic Hydrocarbons (PNAs). None were detected
  - (2) ND = Not Detected above the Method Detection Limit (MDL).

TABLE 2B

RESULTS OF ANALYSES OF SAMPLES  
FROM TREATED SOIL SPREAD LDS-2

Sample No.	Date Sampled	TPHd (diesel) mg/Kg	TPHg (gasoline) mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl-benzene mg/Kg	Total Xylenes mg/Kg
A-2	10/15/98	220	ND	ND	ND	ND	ND
C-1	10/15/98	260	ND	ND	ND	ND	ND
C-2	10/15/98	110	ND	ND	ND	ND	ND
C-3	10/15/98	190	ND	ND	ND	ND	ND
E-4	10/15/98	120	ND	ND	ND	ND	ND
E-5	10/15/98	45	ND	ND	ND	ND	0.0057

- Notes:
- (1) A composite of all 6 soil samples listed above was tested for Polynuclear Aromatic Hydrocarbons (PNAs). None were detected.
  - (2) ND = Not Detected above the Method Detection Limit (MDL).

TABLE 2C

RESULTS OF ANALYSES OF SAMPLES  
FROM TREATED SOIL SPREAD LDS-3

Sample No.	Date Sampled	TPHd (diesel) mg/Kg	TPHg (gasoline) mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethylbenzene mg/Kg	Total Xylenes mg/Kg
A-4	11/10/98	8.8	N.D.	N.D.	N.D.	N.D.	N.D.
B-1	11/10/98	9.1	N.D.	N.D.	N.D.	N.D.	N.D.
C-2	11/10/98	140	N.D.	N.D.	N.D.	N.D.	N.D.
D-3	11/10/98	36	N.D.	N.D.	N.D.	N.D.	N.D.
G-8	11/10/98	18	N.D.	N.D.	N.D.	N.D.	N.D.
G-5	11/10/98	49	N.D.	N.D.	N.D.	N.D.	N.D.

- Notes: (1) ND = Not Detected above the Method Detection Limit (MDL).  
(2) A composite of all 6 soil samples listed above was tested for Polynuclear Aromatic Hydrocarbons (PNAs). None were detected.



THE SAN JOAQUIN COMPANY INC.

8617 ETCHEVERRY DRIVE, TRACY, CALIFORNIA 95376

October 12, 1998

Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Attention: Mr. Larry Seto

**Subject: Remediation at 208 Jackson Street, Oakland, California**

Dear Mr. Seto:

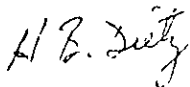
Attached is a revised Remediation Plan incorporating the following:

- o Revisions to clean-up standards directed in your letter to Mr. Johnson dated August 3, 1998 and
- o The location of replacement wells for monitoring wells 4 and 5 destroyed during the excavation which we agreed upon at our site meeting on October 8, 1998. This is per your request in your letter of September 17, 1998.

This plan is submitted for documentation purposes only.

If you have any questions please contact me at (209) 832-2910 or on my mobile at (209) 482-7769.

Sincerely,



H. B. Dietz

HBD/gwd

cc: Scott Johnson, SNK

THE SAN JOAQUIN COMPANY INC.  
8617 ETCHEVERRY DRIVE, TRACY, CALIFORNIA 95376

**REMEDIATION PLAN**  
**208 JACKSON STREET**  
**OAKLAND, CALIFORNIA**

**Prepared for:**

**SNK Development Inc.**  
**185 Berry Street, Suite 1200**  
**San Francisco, California 94107**

**June 1998**

**Revision 1 - October 1998**

**Project No. 9401.112**

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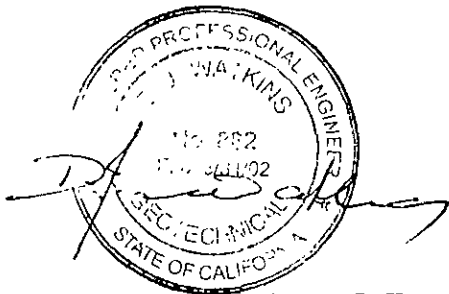
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### PROFESSIONAL CERTIFICATION AND LIMITATIONS

This plan was prepared under the direction of the engineers whose seals and signatures appear below. The work was performed in accordance with generally accepted standards of engineering practice based on information available to us at the time of its preparation and within the limits of the scope of work directed by the client. No other representation, express or implied, and no warranty or guarantee is included or intended as to professional opinions, recommendations, or field or laboratory data provided.



D. J. Watkins, Ph.D., P.E.  
Geotechnical Engineer  
The San Joaquin Company Inc.



H. B. Dietz  
REA  
The San Joaquin Company Inc.

## INTRODUCTION

Extensive investigation, characterization and remediation planning has been conducted by a variety of consultants on the site at 208 Jackson Street, Oakland, California (See Figure 1 for location). The work was of good quality and has formed the basis for development of this remediation plan. Key information has been extracted from that prior work for preparation of this plan and its source has been referenced. These reports have been previously sent to the regulatory agencies. It would serve no useful purpose to redo the work which has already been done. Since the site is scheduled for redevelopment it is now time to cease the studies, investigations and characterization work and immediately proceed with remediation to achieve site closure.

## BACKGROUND

### Site History

The site (See Figure 2) which incorporates the block between 2nd and 3rd Streets and Jackson and Madison Street was originally developed in the early 1890's for residential housing. The neighborhood remained residential until about 1911 at which time the Union Pacific Railroad began acquiring the area for use as a rail yard. The residential nature of the neighborhood rapidly changed to a rail yard and industrial area by 1930. A trucking company occupied the south-west corner of the site. A meat packing facility was constructed on the remainder of the property. Earliest maps available show residential housing in 1911 and the trucking company and meat packing plant present in 1950. It is not known when the four tanks previously located on the site, (See Figure 2) were installed. Sometime after 1945 the John Morrell and Company built a meat packing plant occupying the majority of the site. In 1990 the site owner, East Bay Packing Company, who by this time occupied the entire block, sold the property and just prior to the sale removed four underground storage tanks, two diesel and two gasoline tanks. The tank sizes are as follows: 8,000 gallon, 2,000 gallon, 10,000 gallon and 10,000 gallon. At the time of tank removal, the site was identified as a site of leaking underground storage tanks. The San Francisco Bay Regional Water Quality Control Board file number for this site is 01-0533.

### Planned Use For The Site

SNK Development Inc intends to demolish the present structures and construct a multi story office building on the site.

## GEOLOGY AND HYDROLOGY

The site is situated on the eastern side of San Francisco Bay in the California Coast Ranges section of the Pacific Border physiographic province. Immediately beneath the man made surface is the Pleistocene-age Merritt sand, which has an estimated thickness of approximately 50 feet. The Merritt sand is composed of fine-grained, silty, clayey sand with lenses of sandy clay and clay.

The water table at the site is encountered at 4 to 6 feet beneath the ground surface and below the top of the Merritt sands. The general down gradient flow direction is south toward the Oakland estuary. Soils with the grain size and gradational properties of the fine Merritt sands commonly have hydraulic conductivities in the range of  $10^{-5}$  -  $10^{-6}$  cm/sec. It is likely that the hydraulic conductivity of the natural soils beneath the site may be as low as  $10^{-6}$  cm/sec.

## **SITE CHARACTERIZATION RESULTS**

At the time of underground storage tank removal in 1990, soil samples from beneath the tanks revealed the presence of Total Petroleum Hydrocarbon (TPH) as gasoline and TPH as diesel in the soil and in a grab sample of the groundwater. In May of 1990 three groundwater monitoring wells and in June 1994 two additional monitoring wells were installed. See Figure 2. The results from the groundwater monitoring well sampling are reproduced in Table 1.

These monitoring wells also provided the ability to determine the groundwater gradient. See Table 2 and Figure 3. In 1995 soil borings were performed to further characterize the site. The location of these soil borings are shown in Figure 4. The sample results from the soil borings are shown in Tables 3 and 4. Based on the results of the soil borings and groundwater monitoring, estimated contours for concentrations of components of fuel hydrocarbons affecting groundwater were developed. These are reproduced in Figures 5, 6 and 7.

The results of the site characterization indicate the presence of hydrocarbon affected soil in the south-west corner of the site which is providing a source for hydrocarbons in groundwater. Since the depth to groundwater from the surface varies between 4 to 6 feet (See Table 5) the principal zone of hydrocarbon affected soil generally would not be deeper than 7 feet.

## **PLAN FOR REMEDIATION**

### **Install Replacement Monitoring Wells**

Two replacement monitoring wells will be installed in the street pending City of Oakland approval (encroachment permit) and their exact location will be dependent upon the presence of underground utilities. These new wells which replace MW4 and MW5 will be used to monitor improvements to the groundwater quality achieved by removal of the source term. See Figure 8 for location of proposed new monitoring wells. It is anticipated that these wells would be monitored for four quarters and then formally closed.

### **Close Existing Monitoring Wells**

The Alameda County Public Health Services Department (ACPHSD) has approved closure of two (MW2 and MW3) of the existing upgradient monitoring wells (see Reference 1) because they have been monitored for a significant period of time and have shown no impact from the previously identified hydrocarbon release from the leaking underground storage tanks. These two wells will be closed by grouting. One well (MW-1) which was originally installed was

destroyed during over excavation of the tank pit. The remaining two wells (MW-4 and MW-5) will be destroyed during excavation of the hydrocarbon affected soil and, therefore, must be formally closed prior to the start of excavation.

### **Demolition of Steel Buildings on South-west Corner of Site**

A demolition permit will be obtained from the City of Oakland prior to demolition of the metal buildings located on the south-west corner of the site. These buildings are steel frame covered with galvanized siding. A pre-demolition asbestos survey performed in April 1998 (see Reference 2) determined that there is no asbestos present in these buildings. Removal is necessary to permit excavation of the soil beneath the buildings which has been affected by hydrocarbons from the previously installed gasoline and diesel underground storage tanks. The demolition debris will be removed from the site.

### **Site Paving Removal**

The concrete floor and footings from the steel building to be demolished, the reinforced concrete located in the yard, the asphalt paving and any other debris in the yard will be removed prior to the start of soil remediation. The clean concrete and asphalt will be shipped off site for recycling.

### **Excavate Clean and Hydrocarbon Affected Soil**

The anticipated area to be excavated is shown on Figure 9. The procedure will be as follows: 1) Excavate the clean soil and stockpile in one area of the site. 2) Excavate hydrocarbon affected soil, which is expected to be present up to 7 feet beneath the surface, and 3) stockpile in preparation for aeration and bioremediation soil treatment on site. The cleanup standard with respect to soil remaining in the excavation will be 100mg/Kg (parts per million - ppm) for TPH as gasoline, 1000 ppm TPH as diesel and 0.016 mg/Kg for benzene.

Sampling will proceed in conjunction with excavation, and when the in situ soil remaining in the excavation meets the cleanup standards, excavation in the area will cease. The depth of the excavation will also be limited if, in the opinion of the professional engineer in charge of the work, further deepening of the remediation pit would pose a threat of bottom heave, sand liquifaction or other geotechnical phenomenon that might render the site or adjacent streets unstable. It is expected that the walls of the excavation will not approach closer than 5 feet to the back of the sidewalks on Madison and Second Streets.

### **Soil Treatment**

Prior to the start of soil treatment, the San Francisco Bay Area Air Quality Management District (SFBAQMD) will be notified. The hydrocarbon affected soil containing TPH as gasoline and TPH as diesel will be treated by a combination of aeration and bioremediation. Based on



SFBAAQMD permitted concentrations in the stockpile, the soil will be spread on the site to a thickness of approximately 12 to 18 inches.

A farm tractor equipped with a large rotivator will be used for soil conditioning during the aeration and bioremediation. Depending on the concentration of diesel in the affected soil a sprinkler system using micro sprinklers may be installed for moisture control. The naturally occurring biota in the soil will be used for the bioremediation. The proper amounts of moisture and fertilizer will be added. Oxygen will be supplied by aeration using the soil treatment equipment. If moisture is required water will be pumped from the excavation and stored in a 20,000 gallon Baker tank which will be maintained on the site. This will also assist in reducing the hydrocarbon concentration in the groundwater by actually using hydrocarbon affected groundwater for moisture control during bioremediation. Based on the concentrations, temperature and aggressiveness of the treatment samples will be periodically taken. The clean up standard for soil will be less than 100 ppm TPH as gasoline, 1000 ppm TPH as diesel and non detectable for benzene, toluene, ethyl benzene or xylene.

When the treated soil is free of visual or olfactory indicators of fuel hydrocarbons, samples will be recovered from randomly selected locations in the spread material and analyzed for TPHg, TPHd, benzene, toluene, ethylbenzene and total xylene isomers. Computation of the number of samples required, the procedures for selecting the random sampling locations, and the statistical methods employed to demonstrate that the aeration and bioremediation has reduced the concentrations of fuel hydrocarbons to less than the proposed cleanup levels will adhere to the guidelines published in the technical document: *Methods of Evaluating the Attainment of cleanup standards, Vol. 1: Soils and Solid Media*, published by the United States Environmental Protection Agency. (Ref. 3)

If the results from the first sampling of the aerated and bioremediated soil show that the concentration of any analyte of concern exceeds the established cleanup criteria, the spread soil will be further bioremediated and re-sampled until sampling demonstrates that the cleanup criteria have been met.

### Site Restoration

Once the soil removed for treatment has attained the clean up standard and approved by Alameda County, the excavation will be readied for soil placement. To insure stability in the excavation, rock will be added to stabilize the hole to the water line. The rock will be compacted to provide a firm base for soil compaction. The soil removed from the surface will be conditioned to achieve proper moisture content, placed in the hole and compacted to achieve an 90 percent relative density. Compaction test results will be included in the final report. The final grade will be determined by the new building foundation design.

### Request for Closure

A report documenting the results of the site remediation that will include a Risk Based Correction Action Assessment in accordance with American Society of Testing and Materials (ASTM E 1739-95) will be prepared for submittal to Alameda County Health Care Services, the responsible regulatory authority. This report together with the results of a round of sampling in the newly installed monitoring wells will provide the basis for site closure.

### RELEASE FOR CONSTRUCTION

The site will be released for construction following completion of the removal of the hydrocarbon source, the treatment of the soil and restoration of the site. Additional groundwater monitoring in the relocated monitoring wells may be required for four quarters to verify continuing natural attenuation due to removal of the hydrocarbon source.

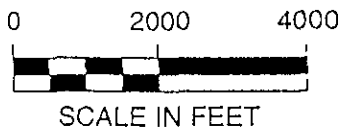
### HEALTH AND SAFETY PLAN

Work will be performed in accordance with the Site Specific Health and Safety Plan attached.

### REFERENCES

1. Letter from Alameda County Health Care Services Agency, Environmental Protection Division (ACHCSA) *Former East Bay Packing Site, cka Wo Lee Foods, 208 Jackson Street, Oakland, California 94607* dated September 24, 1997.
2. M. F. Lundeen Company *Asbestos Material Survey, 208 Jackson Street, Oakland, California*, prepared for The San Joaquin Company, April, 1998.
3. United States Environmental Protection Agency (1989): *Methods of Evaluating the Attainment of Cleanup Standards, Vol. 1: Soils and Solid Media*. Report No. EPA 230/02-89-042, February, 1989.
4. ACC Environmental Consultants *Corrective Action Plan Wo Lee Food 208 Jackson Street, Oakland, California* dated July 9, 1996.
5. ACC Environmental Consultants *Biannual Groundwater Monitoring Report* dated October 24, 1997.
6. Letter from Alameda County Health Care Services Agency, Environmental Protection Division (ACHCSA) *Former East Bay Packing Site, cka Wo Lee Foods, 208 Jackson Street, Oakland, California 94607* dated March 17, 1997.
7. Subsurface Consultants, Inc. *Additional Recommendations Environmental Engineering Services 208 Jackson Street, Oakland, California* dated January 13, 1994.

8. ACC Environmental Consultants *Stockpiled Soil Sampling Wo Lee Food Company 208 Jackson Street, Oakland, California* dated April 4, 1997.
9. American Society for Testing and Materials (ASTM). November 1995. *Standard Guide for Risk Based Corrective Action Applied at Petroleum Release Sites*. Designation: E 1739-95. ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428.
10. Subsurface Consultants, Inc. July 12, 1994. *Groundwater Contamination Assessment, 208 Jackson Street, Oakland, California*. Project Number 886.001.
11. ACC Environmental Consultants, Inc. May 22, 1995. *Subsurface Environmental Investigation, 208 Jackson Street, Oakland, California*. Project Number 95-6238-1.0. Prepared for Wo Lee Foods.



Basemap: AAA; Oakland-Berkeley-Alameda (2/91)

**SITE LOCATION**

208 Jackson Street, Oakland, California

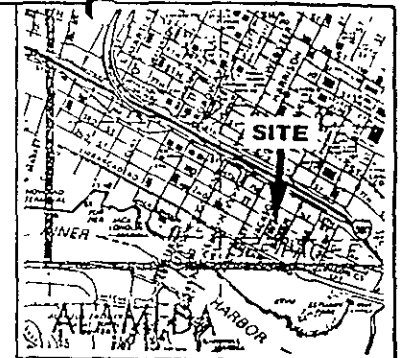
FIG 1

**The San Joaquin Company, Inc.**

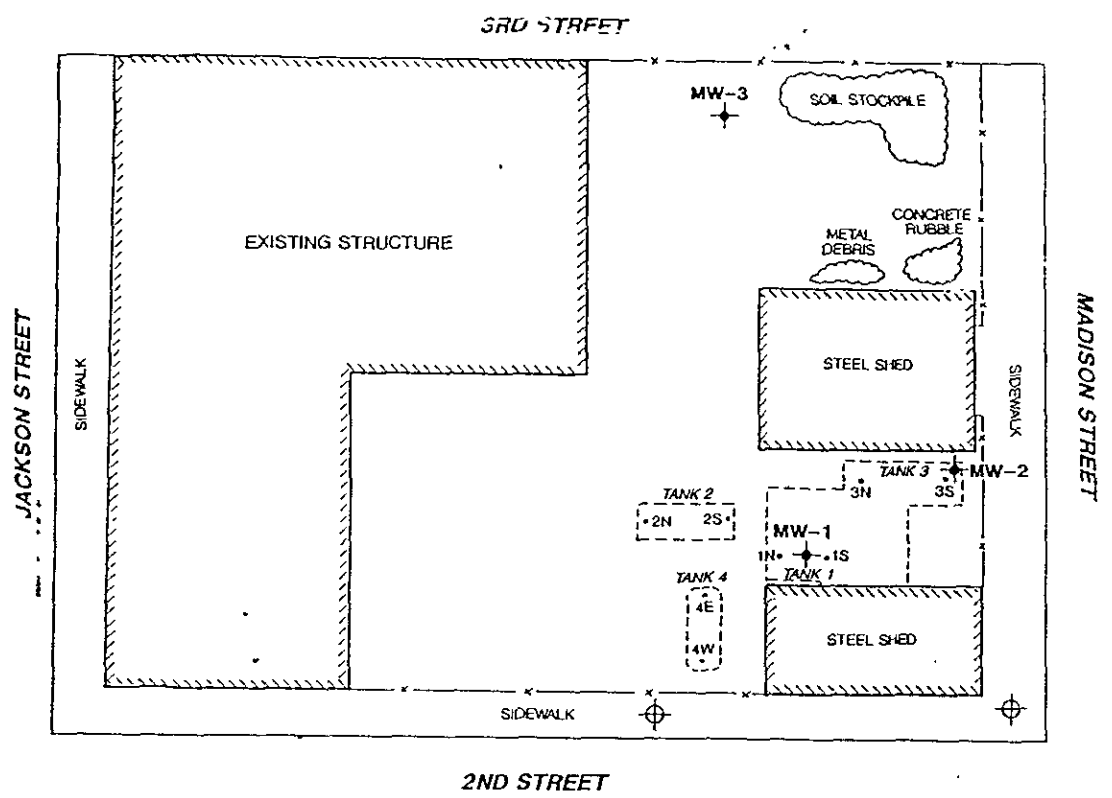
Project Number: 9401.112

Drawn by: GNM

Date: 05/20/98

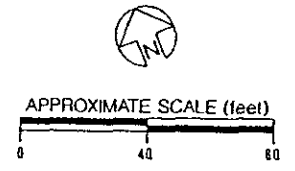


VICINITY MAP



- APPROXIMATE LOCATION OF MONITORING WELLS INSTALLED BY OTHERS (NOTE WELL MW-1 WAS NOT LOCATED)
- APPROXIMATE LOCATION OF SOIL SAMPLE RECOVERED DURING TANK REMOVAL
- LOCATION OF REMOVED CONCRETE PAVEMENT
- PROPOSED LOCATION OF ADDITIONAL GROUNDWATER MONITORING WELLS

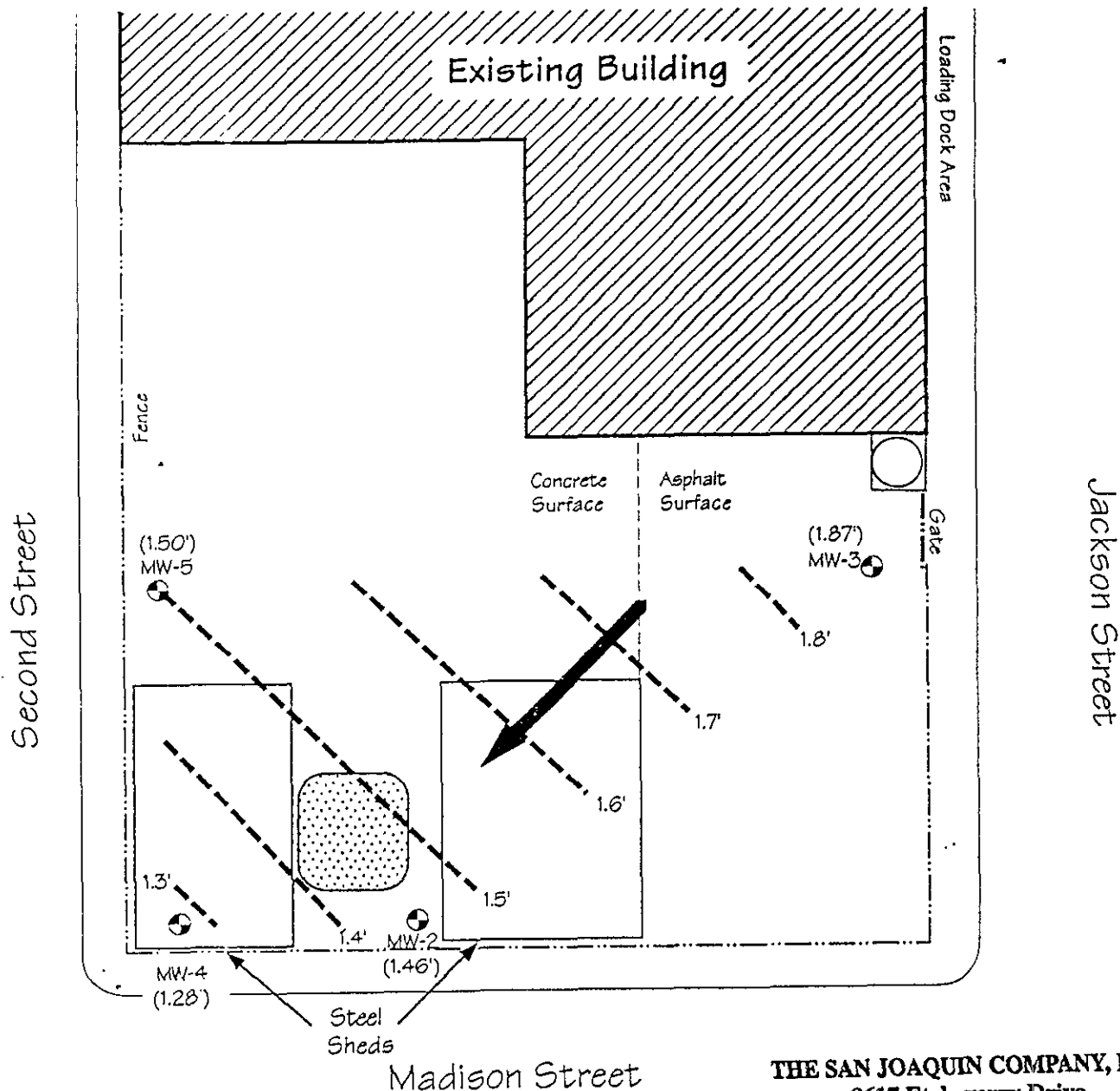
Tank 1	10,000 gallon
Tank 2	8,000 gallon
Tank 3	10,000 gallon
Tank 4	2,000 gallon



<b>SITE PLAN</b>		
208 JACKSON STREET - OAKLAND, CA		
JOB NUMBER 885 001	DATE 1/5/94	APPROVED SL
<b>Subsurface Consultants</b>		PLATE <b>1A</b>

Figure 2

**THE SAN JOAQUIN COMPANY, INC.**  
 8617 Etcheverry Drive  
 Tracy, CA 95376



**THE SAN JOAQUIN COMPANY, INC.**  
 8617 Etcheverry Drive  
 Tracy, CA 95376

**Legend**

- MW-2 - Existing Groundwater Monitoring Well
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- Open Excavation

Groundwater levels measured on October 1, 1997

Title: Gradient Map Wo Lee Food 208 Jackson Street Oakland, California	
Figure No: 3	Scale: 1" = 40'
Drawn By: JVC/DRD	Date: 10/20/97
Project No: 6238-001.02	
ACC Environmental Consultants, Inc. 7977 Capwell Drive, Suite 100 Oakland, CA 94621 (510)638-8400 Fax (510)638-8404	

Figure 3  
Groundwater Gradient

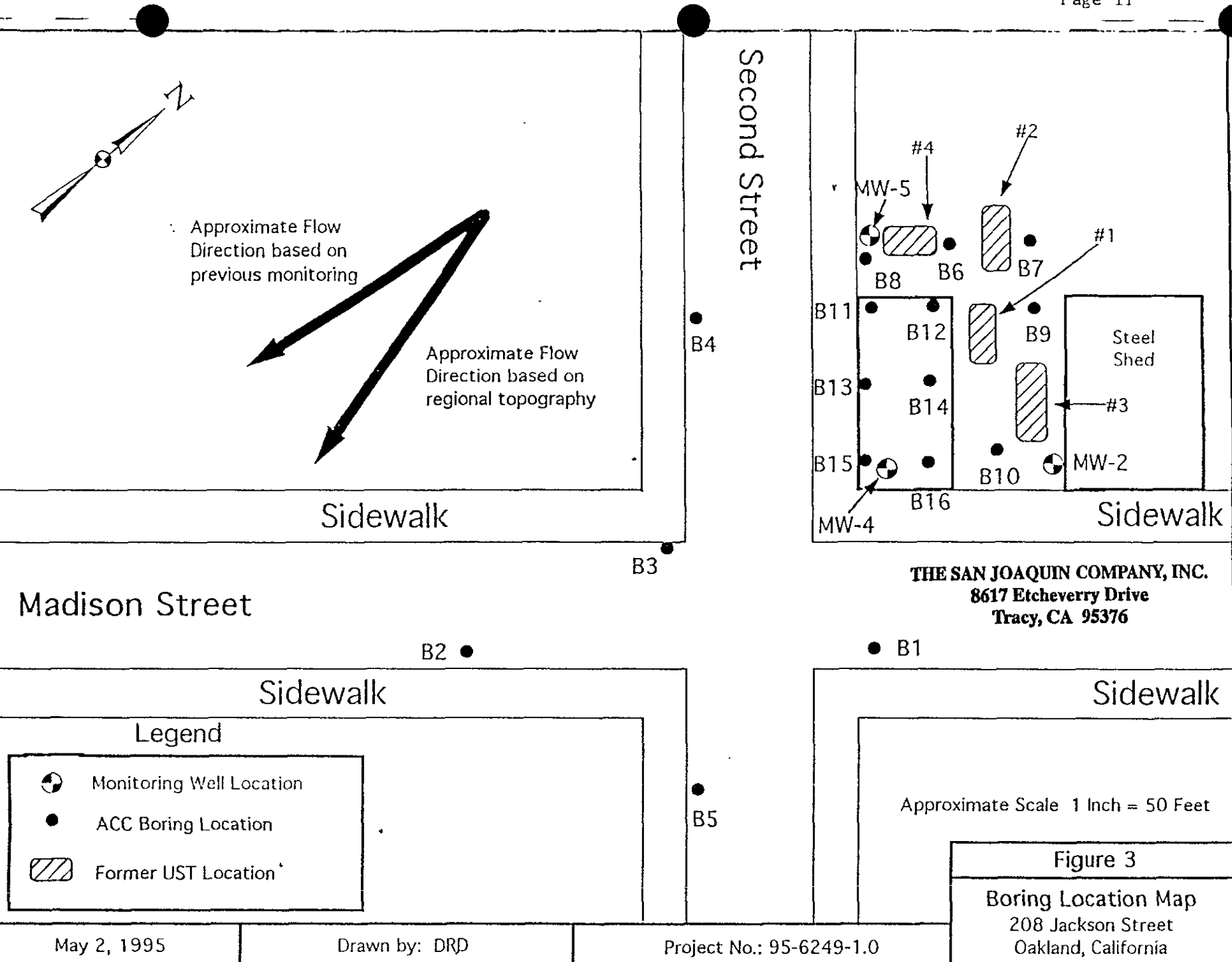


Figure 4  
Location of Soil Borings

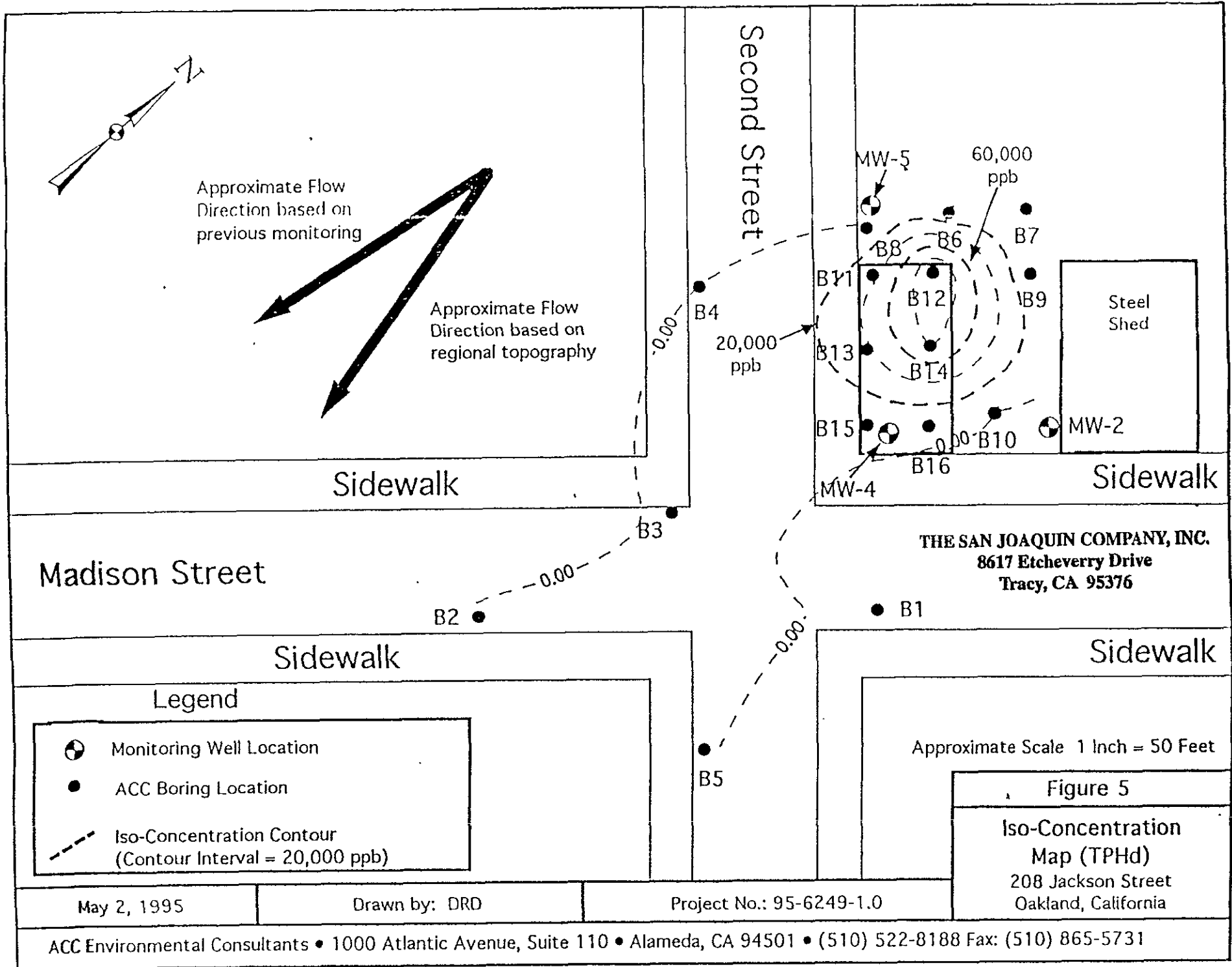


Figure 5



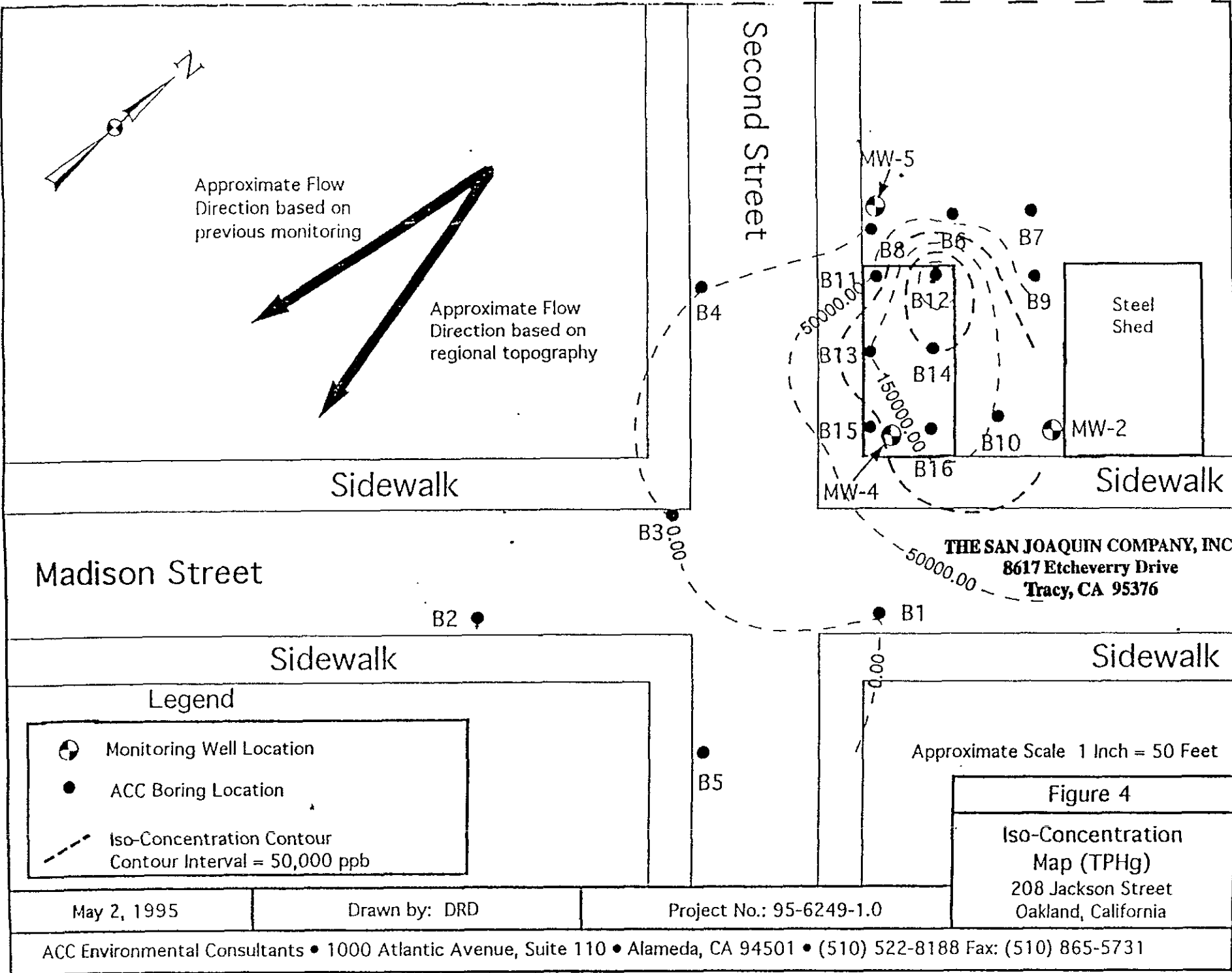


Figure 6

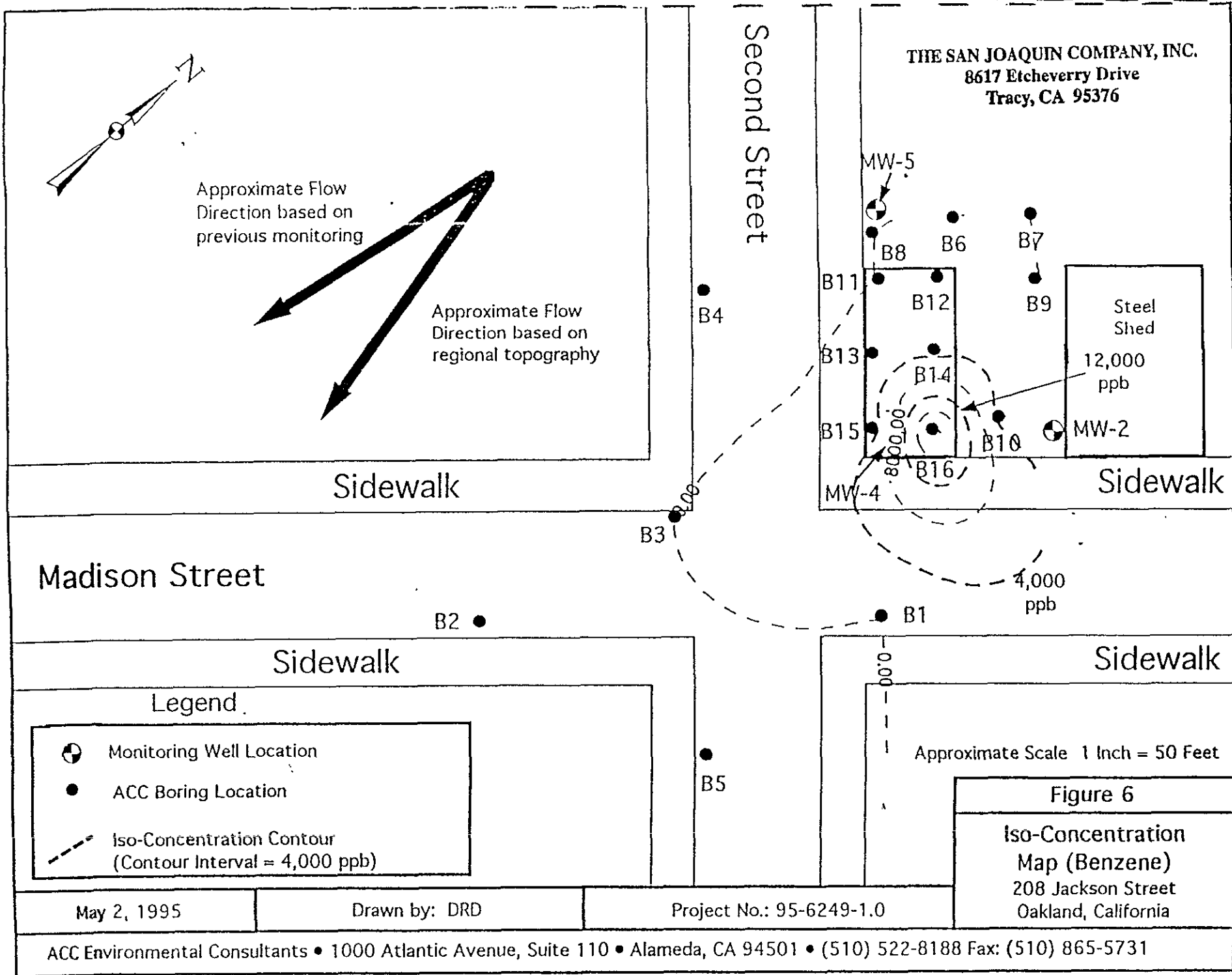
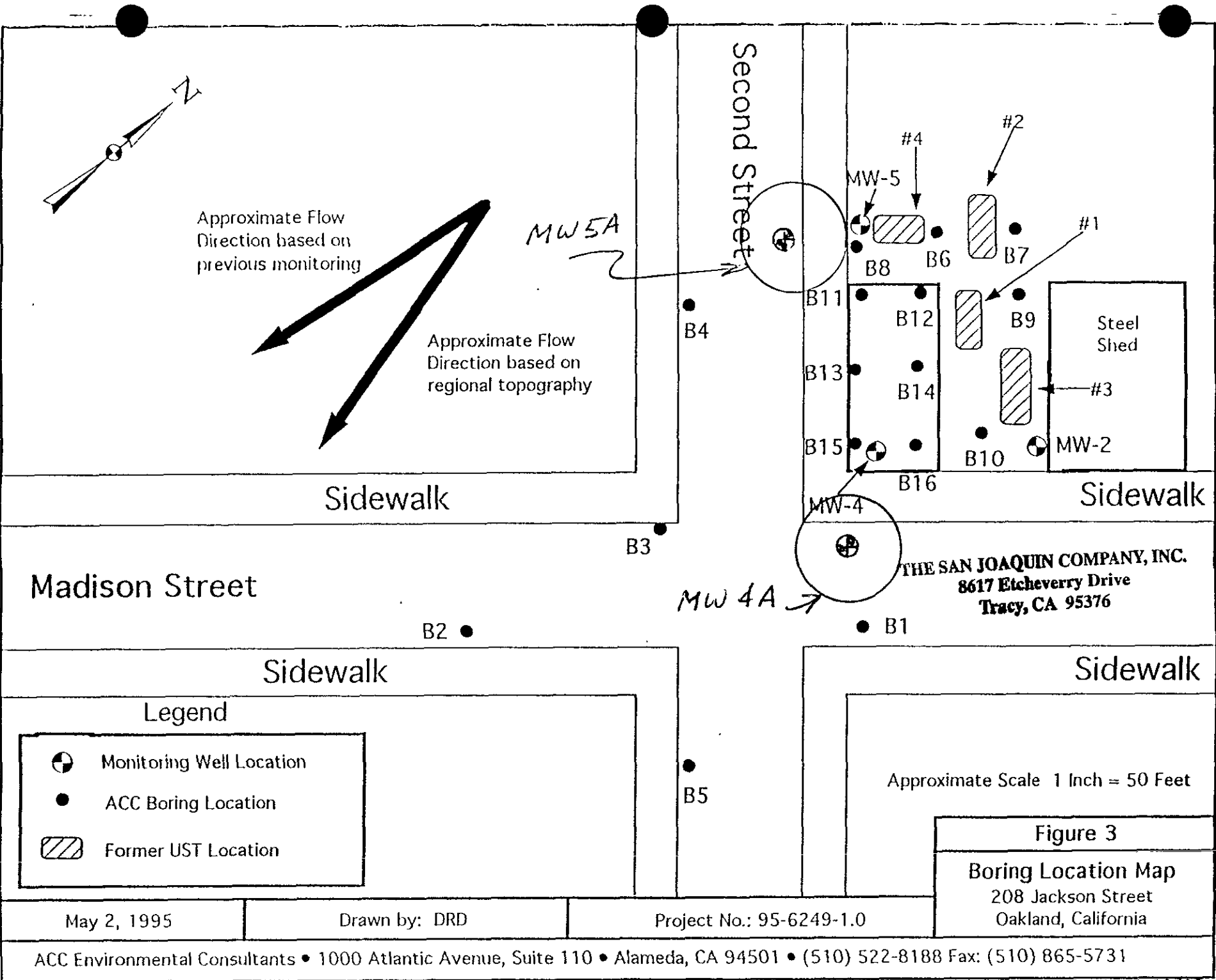
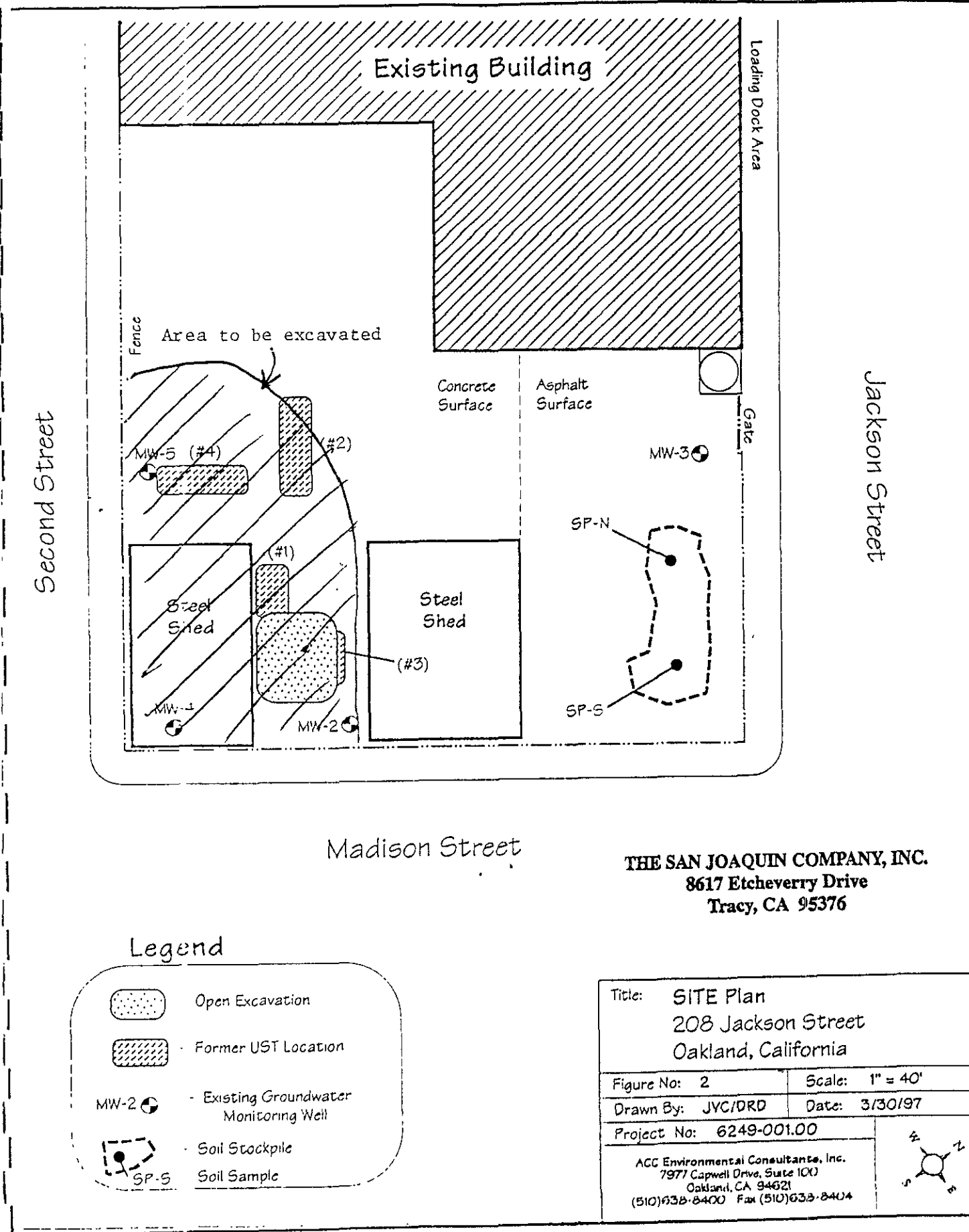


Figure 7



Revised 10/98






Figure 8 Location of replacement monitoring wells



Madison Street

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**Legend**

-  Open Excavation
-  Former UST Location
-  MW-2 - Existing Groundwater Monitoring Well
-  Soil Stockpile
-  SP-S Soil Sample

Title: <b>SITE Plan</b>	
208 Jackson Street Oakland, California	
Figure No: 2	Scale: 1" = 40'
Drawn By: JYC/DRD	Date: 3/30/97
Project No: 6249-001.00	
ACG Environmental Consultants, Inc. 7977 Capwell Drive, Suite 100 Oakland, CA 94621 (510)633-8400 Fax (510)633-8404	



Figure 9:  
 Area Planned for Excavation

TABLE 1 - MONITORING WELL SAMPLE RESULTS  
Taken from Reference 5

Well No.	Date Sampled	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPHd (µg/L)	MTBE (µg/L)
MW-1 (destroyed)	05/21/90	25,000	400	440	330	650	5,500	---
MW-2	05/21/90	<50	<1.0	<1.0	<1.0	<1.0	<50	---
	01/06/94	<50	<0.5	<0.5	<0.5	<0.5	<50	---
	09/04/96	<50	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/21/97	<50	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	10/01/97	---	---	---	---	---	---	---
MW-3	05/21/90	<50	<1.0	<1.0	<1.0	<1.0	<50	---
	01/06/94	<50	<0.5	<0.5	<0.5	<0.5	<50	---
	06/03/94	<50	<0.5	<0.5	<0.5	<0.5	230 <sup>(1)</sup>	---
	09/04/96	<50	<0.5	<0.5	<0.5	<0.5	<50	<50
	03/21/97	<50	<0.5	<0.5	<0.5	<0.5	<50	<5
10/01/97	---	---	---	---	---	---	---	
MW-4	06/03/94	210,00	7,600	28,000	3,700	24,000	9,800	---
	09/04/96	0	5,100	4,600	4,100	14,000	<50	<500
	03/21/97	45,000	5,000	6,300	4,600	14,000	<50	<250
	10/01/97	58,000 48,000	5,000	3,800	3,900	12,000	<260	<250
MW-5	06/03/94	7,800	3.8	6.2	10	16	4,600	---
	09/04/96	1,600	14	3.6	9.7	13	<50	<5
	03/21/97	430	4.2	<0.5	1.4	0.62	690 <sup>(2)</sup>	<5
	10/01/97	1,100	0.7	1.1	1.2	1.9	1,800 <sup>(2)</sup>	<5

Notes: (1) Reported to be an anomalous result from one chromatogram peak  
(2) Hydrocarbon reported does not match laboratory diesel standard

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TABLE 2 - GROUNDWATER GRADIENT DATA  
Taken from Reference 5

Date Monitored	Average Gradient (foot/foot)	Direction
September 9, 1995	0.004	south-southeast
October 27, 1995	0.003	south
November 30, 1995	0.003	south
September 4, 1996	0.003	south
March 21, 1997	0.007	south
October 1, 1997	0.003	south

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TABLE 3 - SOIL BORING SOIL SAMPLE RESULTS  
Taken from Reference 4

Sample # - depth	Date Collected	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Xylenes (mg/kg)	TPHd (mg/kg)
B1-4.0	3/21/95	<1	<0.005	<0.005	<0.005	<0.005	1.3
B2-4.0	3/21/95	<1	<0.005	<0.005	<0.005	<0.005	5.4
B3-4.0	3/21/95	<1	<0.005	<0.005	<0.005	0.013	<1
B4-4.0	3/21/95	<1	<0.005	<0.005	<0.005	0.014	<1
B5-4.0	3/21/95	<1	<0.005	<0.005	<0.005	0.019	<1
B6-4.0	3/21/95	<1	<0.005	<0.005	<0.005	0.013	<1
B7-4.0	3/21/95	1.7	0.040	0.011	0.0074	0.029	<1
B8-4.0	3/21/95	2.9	0.026	0.012	0.030	0.091	94
B9-3.5	3/21/95	<1	<0.005	<0.005	<0.005	<0.005	<1
B10-3.5	3/21/95	2,300	5.3	26	40	200	71
B11-3.5	3/22/95	<1	<0.005	<0.005	<0.005	<0.005	1.4
B12-3.5	3/22/95	22	0.023	0.43	0.21	3.6	1,100
B13-3.5	3/22/95	2,700	1.9	3.9	34	210	66
B14-3.5	3/22/95	4.2	<0.005	0.044	0.024	0.25	<1
B15-3.5	3/22/95	710	1.5	0.40	1.3	7.6	5.6
B16-3.5	3/22/95	270	2.2	25	9.6	59	1,200

Notes: mg/kg = milligram per kilogram, approximately equal to parts per million (ppm)  
< = Less than detection limit indicated

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TABLE 4 - GRAB GROUNDWATER SAMPLE RESULTS FROM SOIL BORINGS  
Taken from Reference 4

Sample No.	Boring Number	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	TPHd (µg/L)
W1	B1	<50	<0.5	<0.5	<0.5	<0.5	<50
W2	B2	53	0.56	<0.5	<0.5	1.4	170
W3	B3	<50	<0.5	<0.5	<0.5	<0.5	140
W4	B4	<50	<0.5	<0.5	<0.5	<0.5	<50
W5	B5	<50	<0.5	<0.5	<0.5	<0.5	170
W6	B6	<50	<0.5	<0.5	<0.5	<0.5	160
W7	B7	<50	1.0	0.52	<0.5	1.2	<50
W8	B8	<50	<0.5	<0.5	<0.5	<0.5	320
W9	B9	78	2.1	<0.5	<0.5	5.3	--
W10	B10	140,000	2,100	7,700	4,600	27,000	--
W11	B11	46,000	55	36	570	3,500	33,000
W12	B12	330,000	1,200	27,000	9,700	61,000	100,000
W13	B13	150,000	1,100	5,500	6,200	37,000	38,000
W14	B14	200,000	2,700	61,000	5,900	37,000	84,000
W15	B15	72,000	2,300	3,600	5,200	27,000	5,500
W16	B16	200,000	22,000	69,000	6,300	39,000	6,200

Notes: < = Less than detection limit indicated

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Tracy, CA 95376



TABLE 5 - GROUNDWATER DEPTH INFORMATION  
Taken from Reference 5

Well Number	Date Measured	Casing Elevation (MSL)	Groundwater Depth (feet)	Groundwater Elevation (MSL)
MW-2	09/26/95	6.64	5.20	1.44
	10/27/95		5.11	1.53
	11/30/95		5.19	1.45
	09/04/96		5.05	1.59
	03/21/97		4.31	2.33
	10/01/97		5.18	1.46
MW-3	09/26/95	7.71	5.71	2.00
	10/27/95		5.81	1.90
	11/30/95		5.90	1.81
	09/04/96		5.64	2.07
	03/21/97		5.03	2.68
	10/01/97		5.84	1.87
MW-4	09/26/95	6.74	5.39	1.35
	10/27/95		5.43	1.31
	11/30/95		5.51	1.23
	09/04/96		5.28	1.46
	03/27/97		4.67	2.07
	10/01/97		5.46	1.28
MW-5	09/26/95	6.73	5.14	1.59
	10/27/95		5.17	1.56
	11/30/95		5.26	1.47
	09/04/96		5.11	1.62
	03/21/97		4.32	2.41
	10/01/97		5.23	1.50

Notes: All measurements in feet relative to MSL

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Tracy, CA 95376

## PROJECT - SPECIFIC HEALTH AND SAFETY PLAN

**Project Name:** Remediation - 208 Jackson Street, Oakland California

**Project No.:** 9401.112

**Client:** SNK Development Inc

**Contractor's  
Project Manager:** H. B. Dietz, REA  
Telephone: (209) 832-2910  
(209) 482-7769 - Site Mobile Phone

**Project Location:** 208 Jackson Street, Oakland, California

### Project Description:

Remediation of soil affected by gasoline and diesel will be performed by Dietz Irrigation, a licensed general engineering contractor with a hazardous waste sub license. The scope of work includes closure of monitoring wells, installation of replacement monitoring wells, excavation of gasoline and diesel affected soil, on site treatment of affected soil by aeration and bioremediation, backfilling of remedial excavation and compaction during backfill in preparation for site redevelopment. The work will be performed in accordance with the *Remediation Plan - 208 Jackson Street, Oakland, California* to which this Site Specific Health and Safety Plan is an attachment. The remediation plan including the Dietz Irrigation master Health and Safety Plan have been submitted to the Oakland Fire Department who is the controlling agency for this remediation. The location of the remedial excavation and areas where contaminated soil may be stockpiled and treated are shown on Figure 9 of the *Remediation Plan*.

### Known Hazards:

The principal hazards that are expected to be encountered on this project are those common to demolition of a small steel framed, sheet metal clad building, shallow excavation and general construction work. It is expected that low to moderate concentrations of components of gasoline and diesel fuel will be present in the excavated soil. Underground utilities will be disconnected on site prior to the start of work but underground utilities in the area of the installation of replacement monitoring wells must be carefully located and avoided.

### Specific Constructions Hazards

The construction hazards expected to be encountered on this work are those normally associated with demolition of a small steel framed metal clad building, shallow excavation work and the operation of heavy machinery. They include the potential for trauma by suffocation due to burial if the excavation were to collapse, traumatic injury by impact from trucks or heavy machinery, pinching injuries of the extremities, entanglement of extremities and clothing in rotating machinery, injury from falling objects, exposure to noise from machinery, tripping hazards and strains due to lifting heavy objects.

### Chemical Hazards

Soil in the subsurface beneath parts of the subject property have been contaminated by a release of fuel hydrocarbons. Local concentrations of total petroleum hydrocarbons quantified as diesel (TPHd) in soil in the subsurface were measured at 1100mg./Kg. (ppm) and concentrations of hydrocarbons quantified as gasoline (TPHg) in soil were measured at 2700mg./Kg. (ppm).

### **Specific Health and Safety Requirements:**

The work required for this project does not involve special hazards beyond those covered by the requirements of the Dietz Irrigation *Master Health and Safety Plan* that is incorporated herein by reference and a copy of the current edition of which has been submitted to the Oakland Fire Department. All Work will be conducted in compliance with the applicable policies, safety rules and safe working practices set out in the *Master Plan*. However, for emphasis, the following specific requirements are cited:

### Security of Underground Utilities

All utilities in and around the area to be excavated or where monitoring wells will be installed will be located by USA Alert before work is started. The utilities supplying the site will be turned off and secured before any remediation work begins.

### Excavation Safety

No personnel shall enter any excavation that has a depth greater than five feet, unless it has been properly shored in compliance with OSHA regulations, or its sides have been sloped back and the excavation approved for entry by a California licensed geotechnical engineer. No spoil or construction materials shall be stockpiled within five feet of the edge of any excavation. The remedial excavation will be restored by backfilling as soon as possible after soil treatment has been completed. During soil treatment the excavation will be backfilled with rock to slightly above the surface of the water table for excavation stability.

### Site Access Control

The site is on industrial property that has been vacated and is fenced around its perimeter with chain link fencing. Access to the site will be controlled by lockable gates six foot high and a chain link fence 6 foot high. No persons, vehicles or equipment other than those directly engaged in the work or authorized representatives of the client, project engineers or regulatory agencies shall be permitted to enter the operating area while the work is in progress. All persons entering the work area shall comply with the applicable requirements of the *Master Health and Safety Plan*.

### Protective Clothing and Equipment

Based on the hazards known to be present, personal protective requirements for this project correspond to Level D as defined in the *Master Health and Safety Plan*. The following clothing and protective equipment will be used by personnel engaged in the work:

Non conductive safety hat (except when inside equipment).

Steel toed boots.

Safety glasses when performing any operation in which hazards to the eyes exists. Examples are: metal cutting or burning.

Strong non-slip gloves.

(Note - Gloves need not be worn when no identified risk to the hands or chemical injury to the skin exists, or risks due to absorption of a chemical through the skin is known to be present, or when wearing gloves could cause a greater risk).

Lightweight cotton or cotton and synthetic fiber work shirt and pants.

(Note - Neckties, scarves or any loose clothing that might become caught in machinery will not be permitted).

### Sanitary Facilities

Portable toilets with hand wash capabilities will be maintained on site.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



August 3, 1998

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6517  
(510) 567-6700

Mr. Scott Johnson  
SNK Development Inc.  
185 Berry Street, Suite 1200  
San Francisco, CA 94107  
STID 3707

RE: 208 Jackson Street, Oakland, CA 94607

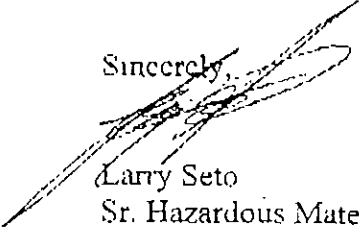
Dear Mr. Johnson:

I have reviewed your Remediation Plan dated June 1998 that was prepared by The San Joaquin Company Inc. It is acceptable with the following conditions:

- 1) The cleanup standard with respect to soil remaining in the excavation shall contain a maximum of 0.016 ppm benzene
- 2) Impacted soil treated by aeration and/or bioremediation shall not contain more than 1,000 ppm TPH (diesel), and no PNA's if it is to be returned to the excavation as fill
- 3) Soil samples results must be submitted to this office for review, and prior approval before remediated soil is returned to the excavation as fill
- 4) Remediation progress report must be submitted at a minimum of a quarterly basis
- 5) Alameda County Environment Health, Local Oversight Program is the responsible regulatory authority overseeing this cleanup. The results of the site remediation that will include a RBCA should be sent to this office.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc. Bernic Dietz, The San Joaquin Company, 1400 Solano Avenue, Suite 12, Albany,  
CA 94706-2149  
Dai Watkins, The San Joaquin Company, 1400 Solano Avenue, Suite 12, Albany,  
CA 94706-2149  
Leroy Griffin, City of Oakland, Fire Department  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

October 21, 1998

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
113\* Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

Mr. Scott Johnson  
SNK Development Inc.  
185 Berry Street  
Suite 1200  
San Francisco, CA 94107  
STID 3707

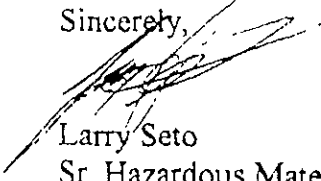
RE: 208 Jackson Street, Oakland, CA 94607

Dear Mr. Johnson:

I have reviewed your revised Remediation Plan – Revision 1 – October 1998 for the above site. Included in this Plan are the proposed locations for replacement monitoring wells for MW-4 and MW-5 that were destroyed during the excavation. This revised Plan is acceptable with the understanding that the monitoring wells be monitored a minimum of four quarters during a year of normal rainfall. When this is accomplished, your monitoring program can be re-evaluated.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto

Sr. Hazardous Materials Specialist

Cc: Bernie Dietz, The San Joaquin Company, 1400 Solano Avenue, Suite 12,  
Albany, CA 94706-2149  
Dai Watkins, The San Joaquin Company, 1400 Solano Avenue, Suite 12,  
Albany, CA 94706-2149  
Leroy Griffin, City of Oakland, Fire Department  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID L. KEARS



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION GROUP  
1137 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6977  
TEL: (510) 567-6774  
FAX: (510) 567-9325

October 8, 1998

Mr. Bernie Dietz  
The San Joaquin Company  
1400 Solano Avenue, Suite 12  
Albany, CA 94706-2149  
STID 3707

RE: 208 Jackson Street, Oakland, CA 94607

Dear Mr. Dietz:

I have reviewed the laboratory analysis of the aerated soil from stockpile LDS #1. The five samples were non-detect for THP(gas) BTEX and PNA's. TPH (diesel) concentration ranged from 31 to 270 PPM.

It is acceptable to put this soil back into the excavation.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Mr. Scott Johnson, SNK Development Inc., 185 Berry Street, Suite 1200,  
San Francisco, CA 94107

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, -

October 29, 1998

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION DEPT  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
415-567-6770  
FAX: 510-537-9335

Mr. Bernie Dietz  
The San Joaquin Company  
1400 Solano Avenue, Suite 12  
Albany, CA 94706-2149  
STID 3707

RE: 208 Jackson Street, Oakland, CA 94607

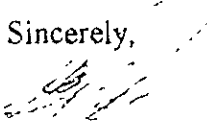
Dear Mr. Dietz:

I have reviewed the laboratory analysis of the aerated soil from stockpile LDS#2. The six samples were non-detect for TPH(gas), BTEX and PNA's. TPH(diesel) concentration ranged from 45 to 260 ppm.

It is acceptable to put this soil back into the excavation.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

  
Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Mr. Scott Johnson, SNK Development Inc, 185 Berry Street, Suite 1200,  
San Francisco, CA 94107

Files



ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway Suite 250  
Alameda, CA 94502-6577  
510) 567-6700  
FAX (510) 337-9335

November 19, 1998

Mr. Bernie Dietz  
The San Joaquin Company  
1400 Solano Avenue, Suite 12  
Albany, CA 94706-2149

RE: 208 Jackson Street, Oakland, CA 94607

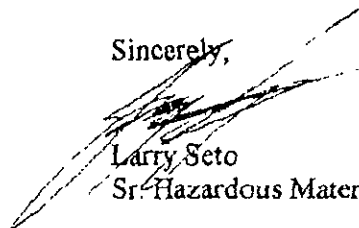
Dear: Mr. Dietz:

I have reviewed the laboratory analysis of the aerated soil from stockpile LDS#3. The six samples were non-detect for TPH(gas), BTEX and PNA's. TPH (diesel) concentration ranged from 8.8 to 140 ppm.

It is acceptable to put this soil back into the excavation.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

  
Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Mr. Scott Johnson, SNK Development Inc., 185 Berry Street, Suite 1200,  
San Francisco, CA 94107

Files

**CITY OF OAKLAND • Office of Planning and Building**  
 1330 Broadway, 2nd Floor, Oakland, CA 94612 • Phone: (510) 238-3443 • FAX (510) 238-2263  
**PERMIT**

Job Site 205 MADISON ST Parcel#  
 Descr demo. 2800 s.f. steel storage shed

Appl# B980Z022  
 District: BD-INSP 02  
 Permit Issued 08/04/98  
 To schedule inspection  
 call (510) 238-3444

Code Incd Building: YES Electrical: NO Mechanical: NO Plumbing: NO  
 Work Type DEMOLITION #Units Plans Energy Calcs  
 Bldg Sq Ft 2,800 #Stories Survey Struct Calcs  
 Est Value Const Type Soil Report Occup Codes  
 Bldg Use LOW HAZ. NON-COMBUSTIBLE STRG. Zoning

Owner SNK DEVELOPMENT, INC.  
 Contractor DIETZ IRRIGATION X  
 Arch/Engr  
 Agent  
 Applic Addr 8617 ETCHEVERRY DR, TRACY, CA, 95376

Applicant Phone# Lic# License Classes--  
 (415)433-0701  
 (209)832-2910 638281-A

**\$719.38 TOTAL FEES PAID AT FILING**  
 \$41.00 Applic \$0.00 State Regs  
 \$232.00 Process \$0.00 School  
 \$0.00 Bedroom \$0.00 Plot Plan  
 \$0.00 Address \$0.00 Electric  
 \$0.00 SMIP \$0.00 Mechanical  
 \$0.00 Fire \$0.00 Plumbing  
 \$379.90 Permit \$28.49 Recd Mgmt  
 \$0.00 Invstg \$37.99 Gen Plan  
 \$0.00 Other \$0.00Fld Chk  
 \$0.00 Zone Insp \$0.00 Proc Coord

**\$.00 TOTAL FEES PAID AT ISSUANCE**

Plans Processed By \_\_\_\_\_ Date \_\_\_\_\_

**OAKLAND**  
 Permit Issued By H B Dietz Date 8-4-98

Special Inspections

DIST: 22 ADDRESS: WORKER'S COMPENSATION LENDER CONTRACTOR

OWNER/BUILDER APPLICANT CONTRACTOR

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500.)

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of the completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

I, as owner of the property, am exempt from the sale requirements of the above due to: 1) I am improving my principal place of residence or appurtenances thereto, 2) the work will be performed prior to sale, 3) I have resided in the residence for the 12 months prior to the completion of the work, and 4) I have not claimed exemption in this subdivision on more than two structures more than once during any three-year period (Section 7044, Business and Professions Code)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor's licensed pursuant to the Contractor's License Law)

I, am exempt under Sec \_\_\_\_\_, B & P. C. for this reason \_\_\_\_\_

I hereby affirm under penalty of perjury under the following declarations \_\_\_\_\_ Date \_\_\_\_\_

I have and will maintain a certificate of consent to self-insure for worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are: \_\_\_\_\_

Carrier \_\_\_\_\_ Policy Number \_\_\_\_\_

(This section need not be completed if the permit is for one hundred dollars (\$100-) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person, in any manner, so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: Failure to secure worker's compensation is unlawful, and shall subject employer to criminal penalties and civil fines up to one hundred thousand dollars (\$100,000-), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

H B Dietz  
 Signature of Owner or Authorized Agent \_\_\_\_\_ Date \_\_\_\_\_

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE AND CORRECT. I AGREE TO COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND I MAKE THIS STATEMENT UNDER PENALTY OF LAW. I HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES. EXCEPT IN THOSE CONSTRUCTION PROJECTS WHERE THE BUILDING OFFICIAL, DUE TO THE NATURE OF THE PROJECT, DEEMS THESE LIMITATIONS TO BE UNREASONABLE. EVERY PERMIT ISSUED BY THE BUILDING OFFICIAL UNDER THE PROVISIONS OF THIS CODE SHALL EXPIRE BY LIMITATION AND BECOME NULL AND VOID IF THE BUILDING OR WORK AUTHORIZED BY SUCH PERMIT DOES NOT RECEIVE AN APPROVAL OF A MAJOR INSPECTION AS FURTHER IDENTIFIED IN SECTION 9-2.18 OF THIS CHAPTER, WITHIN 180 DAYS FOLLOWING THE ISSUANCE DATE OF SUCH PERMIT OR FOLLOWING THE APPROVAL DATE OF A PREVIOUS MAJOR INSPECTION. DO NOT CONCEAL OR COVER ANY CONSTRUCTION UNITS UNTIL THE WORK IS INSPECTED AND THE INSPECTION IS RECORDED ON THE BACK OF THE JOB COPY OF THIS PERMIT. ALL INSPECTION REQUESTS ARE REQUIRED AT LEAST 24 HOURS IN ADVANCE OF THE INSPECTION.

I hereby agree to save, defend, indemnify and keep harmless the City of Oakland and its officers, employees, agents and volunteers from all actions, claims, demands, litigation, or proceedings, including those for Attorney's fees, against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-adjacent or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Contractor H B Dietz  
 Signature of Contractor or Owner or Agent \_\_\_\_\_ Date \_\_\_\_\_

Owner H B DIETZ  
 Signature of Owner or Agent \_\_\_\_\_ Date \_\_\_\_\_

Authorized Agent for  Contractor Also PRINT NAME  Owner

Address of Agent \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_ TELEPHONE \_\_\_\_\_

I hereby affirm, under penalty of perjury, that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name \_\_\_\_\_  
 Lender's Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License # \_\_\_\_\_ City Business Tax # \_\_\_\_\_  
 and Class \_\_\_\_\_

Contractor's Name \_\_\_\_\_ Phone \_\_\_\_\_

Signature H B Dietz \_\_\_\_\_ Date \_\_\_\_\_

**CITY OF OAKLAND • Office of Planning and Building**  
 1330 Broadway, 2nd Floor, Oakland, CA 94612 • Phone: (510) 238-3443 • FAX (510) 238-2263  
**PERMIT**

Site 207 MADISON ST Parcel#  
 Descr Demo. 50x60 s.f. steel storage shed next to 205 Madison

Appl# B9803014  
 District: BD-INSP 01  
 Permit Issued 08/19/98  
 To schedule inspection  
 call (510) 238-3444

Related 89802022

Scope Incd Building: YES Electrical: NO Mechanical: NO Plumbing: NO  
 Work Type DEMOLITION #Units Plans Energy Calcs  
 Bldg Sq Ft 3,000 #Stories Survey Struct Calcs  
 Est Value Const Type Soil Report Occup Codes  
 Bldg Use LOW HAZ. NON-COMBUSTIBLE STRG. Zoning

Applcmt Phone# Lic# --License Classes--  
 (415)433-0701  
 (209)832-2910 638281 A

Owner SNK DEVELOPMENT INC.  
 Contractor DIETZ IRRIGATION X  
 Arch/Engr  
 Agent  
 Applic Addr 8617 ETCHEVERRY DR, TRACY, CA, 95376

**\$799.88 TOTAL FEES PAID AT FILING**

\$41.00 Applic	\$0.00 State Regs
\$232.00 Process	\$0.00 School
\$0.00 Bedroom	\$0.00 Plot Plan
\$0.00 Address	\$0.00 Electric
\$0.00 SMIP	\$0.00 Mechanical
\$0.00 Fire	\$0.00 Plumbing
\$399.90 Permit	\$29.99 Recd Mgmt
\$0.00 Invstg	\$39.99 Gen Plan
\$0.00 Other	\$57.00 Fid Chk
\$0.00 Zone Insp	\$0.00 Proc Coord

**\$.00 TOTAL FEES PAID AT ISSUANCE**

**OAKLAND**

Plans Processed By \_\_\_\_\_ Date \_\_\_\_\_

Permit Issued By WU Date 8-19-98

**Special Inspections**

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec 7031.5 Business and Professions Code. Any city or country which requires a permit to construct, alter, improve, demolish, or repair any structure prior to its issuance also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500).

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec 7044, Business and Professions Code. The Contractor's License Law does not apply to an Owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of the completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale)

I, as owner of the property, am exempt from the sale requirements of the above due to: 1) I am improving my principal place of residence or appurtenances thereto, 2) the work will be performed prior to sale, 3) I have resided in the residence for the 12 months prior to the completion of the work, and 4) I have not claimed exemption in this subdivision on more than two structures more than once during any three-year period (Section 7044, Business and Professions Code)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law)

I am exempt under Sec \_\_\_\_\_, B & P C for this reason \_\_\_\_\_

Signature of Owner or Authorized Agent \_\_\_\_\_ Date \_\_\_\_\_

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE AND CORRECT. I AGREE TO COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I MAKE THIS STATEMENT UNDER PENALTY OF LAW. I HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES EXCEPT IN THOSE CONSTRUCTION PROJECTS WHERE THE BUILDING OFFICIAL, DUE TO THE NATURE OF THE PROJECT, DEEMS THESE LIMITATIONS TO BE UNREASONABLE. EVERY PERMIT ISSUED BY THE BUILDING OFFICIAL UNDER THE PROVISIONS OF THIS CODE SHALL EXPIRE BY LIMITATION AND BECOME NULL AND VOID IF THE BUILDING OR WORK AUTHORIZED BY SUCH PERMIT DOES NOT RECEIVE AN APPROVAL OF A MAJOR INSPECTION AS FURTHER IDENTIFIED IN SECTION 9-2.18 OF THIS CHAPTER WITHIN 180 DAYS FOLLOWING THE ISSUANCE DATE OF SUCH PERMIT OR FOLLOWING THE APPROVAL DATE OF A PREVIOUS MAJOR INSPECTION. DO NOT CONCEAL OR COVER ANY CONSTRUCTION UNITS UNTIL THE WORK IS INSPECTED AND THE INSPECTION IS RECORDED ON THE BACK OF THE JOB COPY OF THIS PERMIT. ALL INSPECTION REQUESTS ARE REQUIRED AT LEAST 24 HOURS IN ADVANCE OF THE INSPECTION.

I hereby agree to save defend, indemnify and keep harmless the City of Oakland and its officers, employees, agents and volunteers from all actions, claims, demands, judgments, or proceedings, including those for Attorneys' fees, against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk or otherwise by virtue thereof, and will at all times strictly comply with the conditions under which this permit is granted.

Contractor Signature of Contractor or Owner Agent H. B. Dietz Date 8/19/98

Owner  
 Authorized Agent for  Contractor Also PRINT NAME  Owner

Address of Agent \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_ TELEPHONE \_\_\_\_\_

I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a contract to purchase or insure for worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are \_\_\_\_\_

Carrier \_\_\_\_\_ Policy Number \_\_\_\_\_  
 (This section need not be completed if the permit is for one hundred dollars (\$100-) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person, in any manner, so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING Failure to secure worker's compensation is unlawful, and shall subject employer to criminal penalties and civil fines up to one hundred thousand dollars (\$100,000-), in addition to the cost of compensation, damages as provided for in Section 3708 of the Labor Code, interest and attorney's fees

H. B. Dietz 5/19/98  
 Signature of Owner or Authorized Agent \_\_\_\_\_ Date \_\_\_\_\_

I hereby affirm, under penalty of perjury, that there is a construction lending agency for the performance of the work for which this permit is issued (Sec 3097, Civ. C)

Lender's Name \_\_\_\_\_  
 Lender's Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone ( ) \_\_\_\_\_

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License # \_\_\_\_\_ City Business Tax # \_\_\_\_\_

Contractor's Name \_\_\_\_\_ Phone \_\_\_\_\_

Signature H. B. Dietz Date 8/19/98

OWNER/BUILDER APPLICANT

DIST: 01 ADDRESS: 207 MADISON ST WORKER'S COMPENSATION LENDER CONTRACTOR



**BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT**

939 ELLIS STREET  
SAN FRANCISCO, CALIFORNIA 94109  
(415) 771-6000

J# 29227

SEP 24, 1998

Dietz Irrigation  
8617 Etcheverry Dr  
Tracy, Ca 95376

**ACKNOWLEDGEMENT**

Bay Area Air Quality Management District acknowledges receipt of your Asbestos Demolition/  
Renovation Plan described as: Demolition

site address	205 Madison Street		
	Oakland, CA 94607		
start date	Aug 3, 1998		
completion date	Aug 10, 1998		
removal amounts	0	linear ft.	0 square ft. friable acm

Should it become necessary to revise this plan, please do so in the spaces provided below and immediately send a copy to the District by fax or by mail. Do not revise notifications which are exempt or for which you have not yet received acknowledgement.

**ASBESTOS NOTIFICATION REVISION**

**BAAQMD J#**

**29227**

revision #	start date	completion date	removal amounts
1	___/___/___	___/___/___	_____ lin. ft. _____ sq. ft.
2	___/___/___	___/___/___	_____ lin. ft. _____ sq. ft.
3	___/___/___	___/___/___	_____ lin. ft. _____ sq. ft.
4	___/___/___	___/___/___	_____ lin. ft. _____ sq. ft.
5	___/___/___	___/___/___	_____ lin. ft. _____ sq. ft.

NOTE: This form is not intended as a verification of either the completeness of your original notification or of its compliance with District Regulation 11-2 .

# CHROMALAB, INC.

Environmental Services (SDB)

September 16, 1998

Submission #: 9809113

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 9, 1998

re: 3 samples for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL                      Extracted: September 11, 1998  
Sampled: September 8, 1998      Run#: 14844                      Analyzed: September 12, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
205137	CON S-60	N.D.	1.0	N.D.	91.4	1


Matrix: SOIL                      Extracted: September 11, 1998  
Sampled: September 8, 1998      Run#: 14844                      Analyzed: September 15, 1998

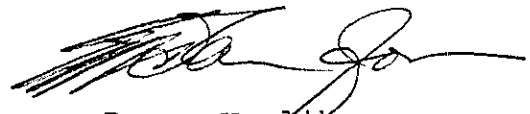
Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
205136	CON S-50	N.D.	1.0	N.D.	91.4	1

Matrix: SOIL                      Extracted: September 11, 1998  
Sampled: September 9, 1998      Run#: 14844                      Analyzed: September 15, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
205138	SP-2A, 2B, 2C, 2D	37	10	N.D.	91.4	10

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate Recoveries biased high due to Hydrocarbon co-elution.

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809113

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 9, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S-50

Spl#: 205136


Matrix: SOIL

Sampled: September 8, 1998


Run#:14815

Analyzed: September 10, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	86	1
BENZENE	N.D.	0.0050	N.D.	95	1
TOLUENE	N.D.	0.0050	N.D.	90	1
ETHYL BENZENE	N.D.	0.0050	N.D.	91	1
XYLENES	N.D.	0.0050	N.D.	90	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809113

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 9, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S-60

Spl#: 205137

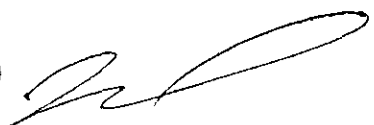
Matrix: SOIL

Sampled: September 8, 1998

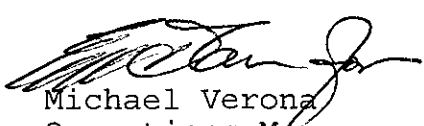
Run#:14882

Analyzed: September 10, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	82	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	98	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	98	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809113

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 9, 1998


re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod


Client Sample ID: SP-2A, 2B, 2C, 2D

Spl#: 205138 Matrix: SOIL  
Sampled: September 9, 1998 Run#: 14815

Analyzed: September 10, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	86	1
BENZENE	N.D.	0.0050	N.D.	95	1
TOLUENE	N.D.	0.0050	N.D.	90	1
ETHYL BENZENE	N.D.	0.0050	N.D.	91	1
XYLENES	N.D.	0.0050	N.D.	90	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager



9809113/205136-38

41872

# CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

SUPPLY # 9-00113 REPLY TO:  
 CHROMALAB, INC.  
 41872  
 9809113/205136-38

## Chain of Custody

DATE 9-1-98 PAGE 1 OF 1

PROJECT INFORMATION						ANALYSIS REPORT											NUMBER OF CONTAINERS					
SAMPLE RECEIPT						TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.																		
SN 5-50	9-1-98	9:47 AM	Soil	NONE		X	X										5-50	10 feet				1
SN 5-60	9-8-98	5:13 PM				X	X										5-60	7 feet				1
SP-2A	9-9-98	1:33 PM																				1
SP-2B	9-9-98	1:56 PM				X	X															1
SP-2C	9-9-98	2:00 PM																				1
SP-2D	9-9-98	2:04 PM																				1

PROJECT NAME <b>SNK Oakland</b>	TOTAL NO OF CONTAINERS <b>60</b>	RELINQUISHED BY 1 <b>H.B. Dietz</b> (SIGNATURE) <b>H.B. DIETZ</b> (PRINTED NAME) <b>Dietz IR</b> (COMPANY)	RELINQUISHED BY 2 <b>[Signature]</b> (SIGNATURE) <b>[Signature]</b> (PRINTED NAME) (COMPANY)	RELINQUISHED BY 3 <b>[Signature]</b> (SIGNATURE) <b>[Signature]</b> (PRINTED NAME) (COMPANY)
PROJECT NUMBER	HEAD SPACE	(TIME) <b>1521</b>	(TIME)	(TIME)
P.O. #	REC'D GOOD CONDITION/COLD	(DATE) <b>9/9/98</b>	(DATE)	(DATE)
TAT	CONFORMS TO RECORD			
SPECIAL INSTRUCTIONS/COMMENTS <b>composite SP2A, B, C, D</b>		RECEIVED BY 1 <b>[Signature]</b> (SIGNATURE) <b>[Signature]</b> (PRINTED NAME) (COMPANY)	RECEIVED BY 2 <b>[Signature]</b> (SIGNATURE) <b>[Signature]</b> (PRINTED NAME) (COMPANY)	RECEIVED BY (LABORATORY) 3 <b>Alexander Paredes</b> (SIGNATURE) <b>Alexander Paredes</b> (PRINTED NAME) <b>Chroma Lab</b> (LAB)
		(TIME)	(TIME)	(TIME)
		(DATE)	(DATE)	(DATE)

# CHROMALAB, INC.

Environmental Service (SDB)

## Sample Receipt Checklist

Client Name: DIETZ IRRIGATION

Date/Time Received: 09/09/98 | 15:21

Reference/Submis: 41872 | 9809113

Received by: AP

Checklist completed by: C. Cassidy 9-15-98

Reviewed by: AP 9/15/98  
Initials | Date

Matrix: soil Carrier name: Client - C/L

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Afficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Temp: RT °C Yes  No
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt?  Adjusted?  Checked by \_\_\_\_\_ chemist for VOAs

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted: \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: Samples received out of standard temperature range of 2-6°C.

Corrective Action: \_\_\_\_\_

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 11, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W-50


Spl#: 205510

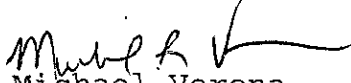
Matrix: SOIL

Sampled: September 10, 1998 Run#:14883

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	85	1
BENZENE	N.D.	0.0050	N.D.	97	1
TOLUENE	N.D.	0.0050	N.D.	94	1
ETHYL BENZENE	N.D.	0.0050	N.D.	97	1
XYLENES	N.D.	0.0050	N.D.	94	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 11, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W-50-S25

Spl#: 205511 Matrix: SOIL  
Sampled: September 10, 1998 Run#:14883

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	85	1
BENZENE	N.D.	0.0050	N.D.	97	1
TOLUENE	N.D.	0.0050	N.D.	94	1
ETHYL BENZENE	0.023	0.0050	N.D.	97	1
XYLENES	0.029	0.0050	N.D.	94	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 11, 1998

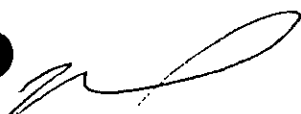
re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W-50-S50

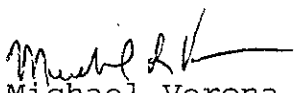
Spl#: 205512 Matrix: SOIL  
Sampled: September 10, 1998 Run#:14927

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	83	1
BENZENE	N.D.	0.0050	N.D.	104	1
TOLUENE	N.D.	0.0050	N.D.	102	1
ETHYL BENZENE	N.D.	0.0050	N.D.	99	1
XYLENES	N.D.	0.0050	N.D.	104	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND

Received: September 11, 1998

re: One sample for Gasoline BTEX analysis.

Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S75 W-25

Spl#: 205513


Matrix: SOIL


Sampled: September 10, 1998

Run#:14883

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	85	1
BENZENE	N.D.	0.0050	N.D.	97	1
TOLUENE	N.D.	0.0050	N.D.	94	1
ETHYL BENZENE	N.D.	0.0050	N.D.	97	1
XYLENES	N.D.	0.0050	N.D.	94	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 11, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W-75/7'

Spl#: 205514

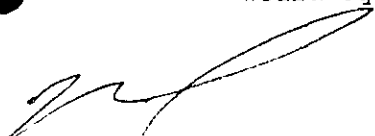
Matrix: SOIL

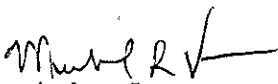
Sampled: September 10, 1998 Run#:15007

Analyzed: September 21, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	10	N.D.	107	1
BENZENE	1.4	0.62	N.D.	88	1
TOLUENE	1.3	0.62	N.D.	84	1
ETHYL BENZENE	0.94	0.62	N.D.	81	1
XYLENES	2.3	0.62	N.D.	90	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile. If quantified using Gasoline's response factor, concentration would equal 860mg/Kg.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 11, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

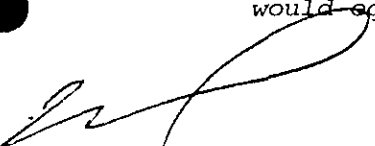
Client Sample ID: CON W-75/10'

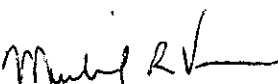
Spl#: 205515 Matrix: SOIL  
Sampled: September 10, 1998 Run#:14883

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	85	1
BENZENE	N.D.	0.0050	N.D.	97	1
TOLUENE	N.D.	0.0050	N.D.	94	1
ETHYL BENZENE	N.D.	0.0050	N.D.	97	1
XYLENES	N.D.	0.0050	N.D.	94	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile. If quantified using Gasoline's response factor, concentration would equal 1.0mg/Kg.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 11, 1998

re: 6 samples for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL                      Extracted: September 16, 1998  
Sampled: September 10, 1998      Run#: 14916                  Analyzed: September 16, 1998

Spl#	CLIENT SPL ID	DIESEL	REPORTING	BLANK	BLANK	DILUTION
		(mg/Kg)	LIMIT	RESULT	SPIKE	FACTOR
		(mg/Kg)	(mg/Kg)	(mg/Kg)	(%)	
205514	CON W-75/7'	16000	500	N.D.	83.6	500

Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.  
Surrogate diluted out.

Matrix: SOIL                      Extracted: September 16, 1998  
Sampled: September 10, 1998      Run#: 14916                  Analyzed: September 18, 1998

Spl#	CLIENT SPL ID	DIESEL	REPORTING	BLANK	BLANK	DILUTION
		(mg/Kg)	LIMIT	RESULT	SPIKE	FACTOR
		(mg/Kg)	(mg/Kg)	(mg/Kg)	(%)	
205510	CON W-50	N.D.	1.0	N.D.	83.6	1
205511	CON W-50-S25	N.D.	1.0	N.D.	83.6	1
205512	CON W-50-S50	N.D.	1.0	N.D.	83.6	1
205513	CON S75 W-25	N.D.	1.0	N.D.	83.6	1
205515	CON W-75/10'	N.D.	1.0	N.D.	83.6	1

*Carolyn House*  
Carolyn House  
Analyst

*Bruce Havlik*  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 16, 1998

Submission #: 9809148

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 11, 1998

re: One sample for Reactivity, Corrositivity, and Ignitability (RCI) analysis.

Method: CA TITLE 22 SEC 66261.21-.24

Client Sample ID: BT

Spl#: 205516

Matrix: SOIL

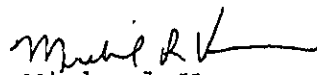
Sampled: September 10, 1998

Run#: 14922

Analyzed: September 16, 1998

ANALYTE	RESULT (N/A)	REPORTING LIMIT (N/A)	BLANK RESULT (N/A)	BLANK SPIKE (%)	DILUTION FACTOR
REACTIVITY	NO	N/A	NO	--	--
CORROSIVITY	6.27	0.1	6.81	--	--
IGNITABILITY	NO	N/A	NO	--	--

  
Lulu Frazier  
Analyst

  
Michael Verona  
Operations Manager

9909/10/2015/10-16

# CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

## Chain of Custody

DATE 9-11-98 PAGE 1 OF 1

12  
DOHS 1094  
Environmental Services (SDB)

4113

PROJ MGR H. B. Dietz  
 COMPANY \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 SAMPLERS (SIGNATURE) H. B. Dietz (PHONE NO.) \_\_\_\_\_  
 (FAX NO.) \_\_\_\_\_

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline	TPH - Gasoline	TPH - Diesel, TEPH	PURGEABLE AROMATICS	PURGEABLE HALOCARBONS	VOLATILE ORGANICS	BASE/NEUTRALS, ACIDS	TOTAL OIL & GREASE	PCB	PESTICIDES	TOTAL RECOVERABLE	LUFT	C&M METALS	PRIORITY POLLUTANT	TOTAL LEAD	EXTRACTION	NUMBER OF CONTAINERS
					(EPA 5030, 8015)	(EPA 5030, 8015) w/BTEX (EPA 602, 8020)	(EPA 3510/3550, 8015)	BTEX (EPA 602, 8020)	(EPA 601, 8010)	(EPA 624, 8240, 524.2)	(EPA 625/627, 8270, 525)	(EPA 5520, 8+F, E+F)	(EPA 608, 8080)	(EPA 608, 8080)	HYDROCARBONS (EPA 418.1)	METALS: Cd, Cr, Pb, Zn, Ni	(17)	(13)	(TCLP, STLC)		
LEN 14-31	9-10-98	8:52 PM	Soil	None		✓	✓														9 feet
LEN 14-50-525	9-10-98	9:30 AM	Soil			✗	✓														10 feet
LEN 14-50-530	9-10-98	10:20 AM	Soil			✓	✓														12 feet
LEN 14-75-14-35	9-10-98	10:21 AM	Soil			✓	✓														8 feet
RT	9-10-98	1:00 PM	Solid	↓																	X
LEN 14-75	9-7-98	9:00 AM	Soil	None		✗	✗														7 feet
LEN 14-75	9-11-98	9:20 AM	Soil	None		✗	✗														10 feet

**PROJECT INFORMATION**  
 PROJECT NAME SNK - GARDIAN  
 PROJECT NUMBER \_\_\_\_\_  
 P.O. # \_\_\_\_\_  
 TAT STANDARD 5-DAY 24 48 72 OTHER \_\_\_\_\_  
 SPECIAL INSTRUCTIONS/COMMENTS \_\_\_\_\_

**SAMPLE RECEIPT**  
 TOTAL NO OF CONTAINERS 7  
 HEAD SPACE \_\_\_\_\_  
 REC'D GOOD CONDITION/COLD \_\_\_\_\_  
 CONFORMS TO RECORD \_\_\_\_\_

RELINQUISHED BY 1  
H. B. Dietz  
 (SIGNATURE) (TIME) \_\_\_\_\_  
H. B. DIETZ  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
Dietz IRR. 9-11-98  
 (COMPANY) (9:47 AM)

RECEIVED BY 1  
Atsanel Salimpour  
 (SIGNATURE) (TIME) \_\_\_\_\_  
Atsanel Salimpour  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
Chromalab 9/11/98 9:53  
 (COMPANY)

RELINQUISHED BY 2  
Atsanel Salimpour  
 (SIGNATURE) (TIME) \_\_\_\_\_  
Atsanel Salimpour  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
Chromalab 9-11-98  
 (COMPANY) 10:50

RECEIVED BY 2  
C. Cassidy  
 (SIGNATURE) (TIME) \_\_\_\_\_  
C. Cassidy  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
CL 9-11-98  
 (COMPANY) 11:00

RELINQUISHED BY  
 (SIGNATURE) (TIME) \_\_\_\_\_  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
 (COMPANY) \_\_\_\_\_

RECEIVED BY (LABORATORY)  
 (SIGNATURE) (TIME) \_\_\_\_\_  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
 (LAB) \_\_\_\_\_

# CHROMALAB, INC.

Environmental Services (SDB)

November 12, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S75-100W

Spl#: 206093

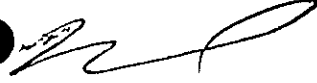
Matrix: SOIL

Sampled: September 14, 1998

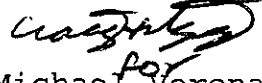
Run#:14942

Analyzed: September 17, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	86	1
BENZENE	N.D.	0.0050	N.D.	102	1
TOLUENE	N.D.	0.0050	N.D.	99	1
ETHYL BENZENE	N.D.	0.0050	N.D.	99	1
XYLENES	N.D.	0.0050	N.D.	100	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 12, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W75-50

Spl#: 206094

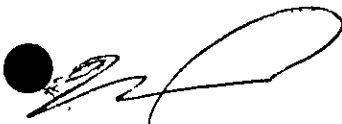
Matrix: SOIL

Sampled: September 15, 1998

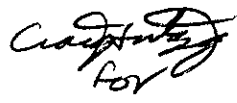
Run#:14942

Analyzed: September 17, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	86	1
BENZENE	N.D.	0.0050	N.D.	102	1
TOLUENE	N.D.	0.0050	N.D.	99	1
ETHYL BENZENE	N.D.	0.0050	N.D.	99	1
XYLENES	N.D.	0.0050	N.D.	100	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 12, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S70-W100

Spl#: 206095

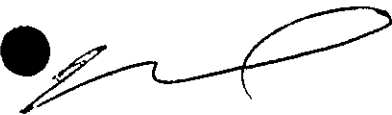
Matrix: SOIL

Sampled: September 15, 1998

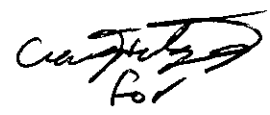
Run#:15007

Analyzed: September 22, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	29	10	N.D.	107	1
BENZENE	N.D.	0.62	N.D.	88	1
TOLUENE	N.D.	0.62	N.D.	84	1
ETHYL BENZENE	N.D.	0.62	N.D.	81	1
XYLENES	1.2	0.62	N.D.	90	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 12, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S50-W100

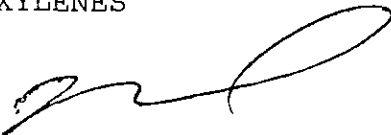
Spl#: 206096

Matrix: SOIL

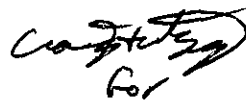
Sampled: September 15, 1998 Run#:14944

Analyzed: September 17, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	84	1
BENZENE	N.D.	0.0050	N.D.	96	1
TOLUENE	N.D.	0.0050	N.D.	91	1
ETHYL BENZENE	N.D.	0.0050	N.D.	92	1
XYLENES	N.D.	0.0050	N.D.	90	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 12, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W100-S25


Spl#: 206097

Matrix: SOIL


Sampled: September 15, 1998 Run#:15015

Analyzed: September 17, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	90	1
BENZENE	N.D.	0.0050	N.D.	103	1
TOLUENE	N.D.	0.0050	N.D.	101	1
ETHYL BENZENE	N.D.	0.0050	N.D.	101	1
XYLENES	N.D.	0.0050	N.D.	102	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

November 12, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W100

Spl#: 206098

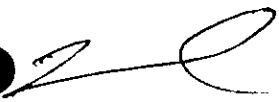
Matrix: SOIL

Sampled: September 15, 1998

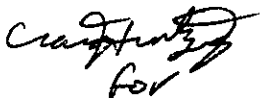
Run#: 14944

Analyzed: September 17, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	84	1
BENZENE	N.D.	0.0050	N.D.	96	1
TOLUENE	N.D.	0.0050	N.D.	91	1
ETHYL BENZENE	N.D.	0.0050	N.D.	92	1
XYLENES	N.D.	0.0050	N.D.	90	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

9/15/98/206 803-198

Reference #: 41984

# CHROMALAB, INC.

Environmental Services (SOB) (DOLIS 1094)

## Chain of Custody

DATE 9/15/98 PAGE 1 OF 1

PHOTOGRAPH H.B. Dietz  
 COMPANY Dietz Irrigation  
 ADDRESS 5617 E. Chaweney Dr.  
Troy CA 95376  
 SAMPLES (SIGNATURE) H.B. Dietz (PHONE NO) 709 852 2910  
 (FAX NO) 209 855 1255

SAMPLE ID				ANALYSIS REPORT														NUMBER OF CONTAINERS		
DATE	TIME	MATRIX	PRESRV.	TPH-EPA 8015.80201 <input type="checkbox"/> Gas <input checked="" type="checkbox"/> BTEX OMTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Karosene, <input type="checkbox"/> Diesel, <input type="checkbox"/> O.G.	PURGEABLE HALOCARBONS (VOCs) (EPA 8010 by 8260)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B - F, E - F)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8080)	PMA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> pH <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS, Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)		TOTAL LEAD	<input type="checkbox"/> W.E.T. <input type="checkbox"/> T.C.P.
✓ CW 575-10W	9-10-98	7:05am	Soil	X	X	X														7 ft
✓ CW 575-55	9-15-98	7:35am	Soil	X		X														4 feet
✓ CW 576-10W	9-15-98	9:10am	Soil	X		X														5 feet
✓ CW 576-10W	9-15-98	9:15am	Soil	X		X														6 feet
✓ CW 576-525	9-15-98	10:27am	Soil	X		X														5 feet
✓ CW 1010	9-15-98	11:49am	Soil	X		X														5

**PROJECT INFORMATION**  
 PROJECT NAME Sink at H. I.  
 PROJECT LOCATION \_\_\_\_\_  
 P.O. # \_\_\_\_\_

**SAMPLE RECEIPT**  
 TOTAL NO. OF CONTAINERS 6  
 HEAD SPACE \_\_\_\_\_  
 TEMPERATURE 3-4°C AP  
 CONTAINS TO RECORD \_\_\_\_\_

TAT STANDARD 5 DAY      24      48      72      OTHER

Report:  Routine  Level 2  Level 3  Level 4  
 SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1  
 H.B. Dietz  
 (SIGNATURE) (DATE) 11/15/98  
 (PRINTED NAME) (DATE) DIETZ IRR 9/15/98  
 (COMPANY)

RELINQUISHED BY 2  
 (SIGNATURE) (DATE) \_\_\_\_\_  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
 (COMPANY)

RELINQUISHED BY 3  
 (SIGNATURE) (DATE) \_\_\_\_\_  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
 (COMPANY)

RECEIVED BY 1  
 (SIGNATURE) (DATE) \_\_\_\_\_  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
 (COMPANY)

RECEIVED BY 2  
 (SIGNATURE) (DATE) \_\_\_\_\_  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
 (COMPANY)

RECEIVED BY (ADDITIONAL) 3  
 (SIGNATURE) (DATE) \_\_\_\_\_  
 (PRINTED NAME) (DATE) \_\_\_\_\_  
 (COMPANY)

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: 6 samples for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL                                      Extracted: September 17, 1998  
Sampled: September 14, 1998      Run#: 14938                                      Analyzed: September 21, 1998

Spl#	CLIENT SPL ID	DIESEL	REPORTING	BLANK	BLANK	DILUTION
		(mg/Kg)	LIMIT	RESULT	SPIKE	
			(mg/Kg)	(mg/Kg)	(%)	FACTOR
206093	CON S75-100W	N.D.	1.0	N.D.	75.6	1

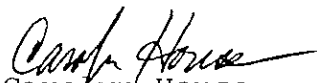
Matrix: SOIL                                      Extracted: September 17, 1998  
Sampled: September 15, 1998      Run#: 14938                                      Analyzed: September 19, 1998


Spl#	CLIENT SPL ID	DIESEL	REPORTING	BLANK	BLANK	DILUTION
		(mg/Kg)	LIMIT	RESULT	SPIKE	
			(mg/Kg)	(mg/Kg)	(%)	FACTOR
206096	CON S50-W100	N.D.	1.0	N.D.	75.6	1
206098	CON W100	N.D.	1.0	N.D.	75.6	1

Matrix: SOIL                                      Extracted: September 17, 1998  
Sampled: September 15, 1998      Run#: 14938                                      Analyzed: September 21, 1998

Spl#	CLIENT SPL ID	DIESEL	REPORTING	BLANK	BLANK	DILUTION
		(mg/Kg)	LIMIT	RESULT	SPIKE	
			(mg/Kg)	(mg/Kg)	(%)	FACTOR
206094	CON W75-50	N.D.	1.0	N.D.	75.6	1
206095	CON S70-W100	N.D.	1.0	N.D.	75.6	1
206097	CON W100-S25	2.3	1.0	N.D.	75.6	1

Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for BTEX analysis.  
Method: SW846 8020A Nov 1990

Client Sample ID: CON W100

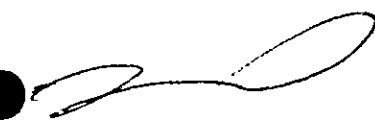
Spl#: 206098

Matrix: SOIL

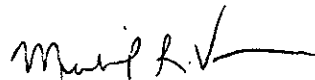
Sampled: September 15, 1998 Run#:14944

Analyzed: September 17, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
BENZENE	N.D.	0.0050	N.D.	96	1
TOLUENE	N.D.	0.0050	N.D.	91	1
ETHYL BENZENE	N.D.	0.0050	N.D.	92	1
XYLENES	N.D.	0.0050	N.D.	90	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

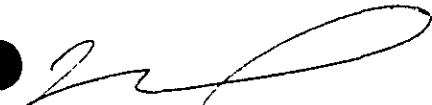
re: One sample for BTEX analysis.  
Method: SW846 8020A Nov 1990

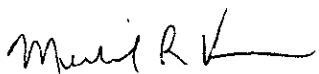
Client Sample ID: CON W100-S25

Spl#: 206097 Matrix: SOIL  
Sampled: September 15, 1998 Run#:15015

Analyzed: September 17, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
BENZENE	N.D.	0.0050	N.D.	103	1
TOLUENE	N.D.	0.0050	N.D.	101	1
ETHYL BENZENE	N.D.	0.0050	N.D.	101	1
XYLENES	N.D.	0.0050	N.D.	102	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for BTEX analysis.  
Method: SW846 8020A Nov 1990

Client Sample ID: CON S50-W100

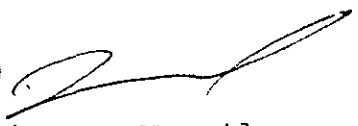
Spl#: 206096

Matrix: SOIL

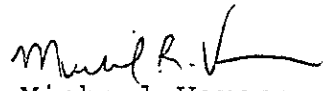
Sampled: September 15, 1998 Run#:14944

Analyzed: September 17, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
BENZENE	N.D.	0.0050	N.D.	96	1
TOLUENE	N.D.	0.0050	N.D.	91	1
ETHYL BENZENE	N.D.	0.0050	N.D.	92	1
XYLENES	N.D.	0.0050	N.D.	90	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

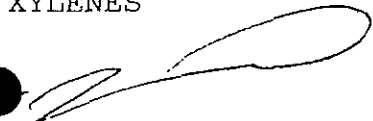
re: One sample for BTEX analysis.  
Method: SW846 8020A Nov 1990

Client Sample ID: CON S70-W100

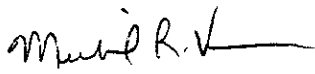
Spl#: 206095 Matrix: SOIL  
Sampled: September 15, 1998 Run#:15007

Analyzed: September 22, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BENZENE	N.D.	0.62	N.D.	88	1
TOLUENE	N.D.	0.62	N.D.	84	1
ETHYL BENZENE	N.D.	0.62	N.D.	81	1
XYLENES	1.2	0.62	N.D.	90	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998


re: One sample for BTEX analysis.  
Method: SW846 8020A Nov 1990

Client Sample ID: CON S75-100W

Spl#: 206093 Matrix: SOIL  
Sampled: September 14, 1998 Run#:14942

Analyzed: September 17, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BENZENE	N.D.	0.0050	N.D.	102	1
TOLUENE	N.D.	0.0050	N.D.	99	1
ETHYL BENZENE	N.D.	0.0050	N.D.	99	1
XYLENES	N.D.	0.0050	N.D.	100	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1998

Submission #: 9809198

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 15, 1998

re: One sample for BTEX analysis.  
Method: SW846 8020A Nov 1990

Client Sample ID: CON W75-50

Spl#: 206094

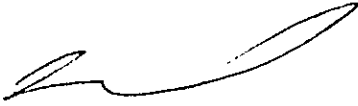
Matrix: SOIL

Sampled: September 15, 1998

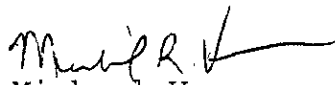
Run#:14942

Analyzed: September 17, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
BENZENE	N.D.	0.0050	N.D.	102	1
TOLUENE	N.D.	0.0050	N.D.	99	1
ETHYL BENZENE	N.D.	0.0050	N.D.	99	1
XYLENES	N.D.	0.0050	N.D.	100	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

9809198/206 843-98

# CHROMALAB, INC.

Environmental Services (SDB) (D0115 1094)

Reference #: 41984

## Chain of Custody

DATE 9/15/98 PAGE 1 OF 1

PROJ MGR H.B. Dietz  
 COMPANY DIETZ IRRIGA-CON  
 ADDRESS 5017 E. Channing Dr.  
 Tulsa, OK 74116  
 SAMPLERS (SIGNATURE) H.B. Dietz (PHONE NO) 204 555 1255  
 (FAX NO) 204 555 1255

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015, 8020) <input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX <input type="checkbox"/> CM/TBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Kerosene, <input type="checkbox"/> Diesel, <input type="checkbox"/> M.O.	PURGEABLE HALOCARBONS (HYOCs) (EPA 8010 by 8260)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMI-VOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B-F, E-F)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8080)	PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> pH <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 8010/7470/7471)	TOTAL LEAD	<input type="checkbox"/> W.E.T. <input type="checkbox"/> TCLP	NUMBER OF CONTAINERS		
✓ C-575-100	9-15-98	7:05 AM	Soil		X	X	X														7 ft.		
✓ C-576-100	9-15-98	7:05 AM	Soil		X	X	X															8 feet	
✓ C-576-100	9-15-98	7:06 AM	Soil		Y		Y															3 feet	
✓ C-550-100	9-15-98	9:45 AM	Soil		X		Y															6 feet	
✓ C-525-100	9-15-98	10:27 AM	Soil		Y		Y															5 feet	
C-100-100	9-15-98	11:40 AM	Soil		X		Y															5 feet	

**PROJECT INFORMATION**  
 PROJECT NAME SINK A.I.I.  
 PROJECT NUMBER  
 P.O.#

**SAMPLE RECEIPT**  
 TOTAL NO OF CONTAINERS 6  
 HEAD SPACE  
 TEMPERATURE 3-4°C AP  
 CONDITIONS TO RECORD

STANDARD 5 DAY  
 Report:  Routine  Level 2  Level 3  Level 4  
 SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY <u>H.B. Dietz</u> (SIGNATURE) (TIME) 10:30 (PRINTED NAME) (DATE) 9/15/98 (COMPANY) DIETZ IRR	RELINQUISHED BY <u>[Signature]</u> (SIGNATURE) (TIME) (PRINTED NAME) (DATE) (COMPANY)	RELINQUISHED BY <u>[Signature]</u> (SIGNATURE) (TIME) 9/15/98 (PRINTED NAME) (DATE) (COMPANY) Chromalab
RECEIVED BY <u>[Signature]</u> (SIGNATURE) (TIME) (PRINTED NAME) (DATE) (COMPANY)	RECEIVED BY <u>[Signature]</u> (SIGNATURE) (TIME) (PRINTED NAME) (DATE) (COMPANY)	RECEIVED BY (LABORATORY) <u>Alexander Pavles 1731</u> (SIGNATURE) (TIME) 9/15/98 (PRINTED NAME) (DATE) Chromalab

# CHROMALAB, INC.

Environmental Services (SDB)

September 24, 1998

Submission #: 9809266

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 18, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON E60-S80


Spl#: 206768

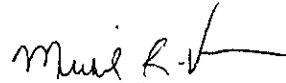
Matrix: SOIL

Sampled: September 18, 1998 Run#:15052

Analyzed: September 21, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	90	1
BENZENE	N.D.	0.0050	N.D.	93	1
TOLUENE	N.D.	0.0050	N.D.	89	1
ETHYL BENZENE	N.D.	0.0050	N.D.	92	1
XYLENES	N.D.	0.0050	N.D.	91	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 24, 1998

Submission #: 9809266

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 18, 1998

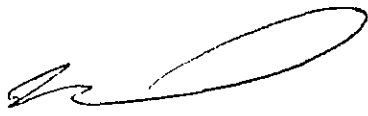
re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

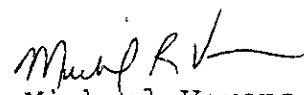
Client Sample ID: CON E45-S80

Spl#: 206767 Matrix: SOIL  
Sampled: September 18, 1998 Run#:15052

Analyzed: September 21, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	90	1
BENZENE	N.D.	0.0050	N.D.	93	1
TOLUENE	N.D.	0.0050	N.D.	89	1
ETHYL BENZENE	N.D.	0.0050	N.D.	92	1
XYLENES	N.D.	0.0050	N.D.	91	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 24, 1998

Submission #: 9809266

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 18, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

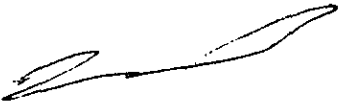
Client Sample ID: CON E25-S80

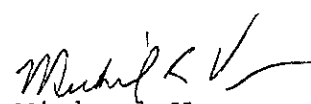
Spl#: 206766 Matrix: SOIL  
Sampled: September 18, 1998 Run#: 15052

Analyzed: September 21, 1998

ANALYTE	RESULT	REPORTING	BLANK	BLANK	DILUTION
	(mg/Kg)	LIMIT	RESULT	SPIKE	FACTOR
		(mg/Kg)	(mg/Kg)	(%)	
GASOLINE	N.D.	1.0	N.D.	90	1
BENZENE	N.D.	0.0050	N.D.	93	1
TOLUENE	N.D.	0.0050	N.D.	89	1
ETHYL BENZENE	0.0074	0.0050	N.D.	92	1
XYLENES	0.072	0.0050	N.D.	91	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile. If quantified using Gasoline's response factor, concentration would equal 53mg/Kg.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 28, 1998

Submission #: 9809266

DIETZ IRRIGATION

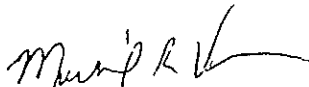
Atten: Bernie Dietz

Project: SNK-OAKLAND  
Received: September 18, 1998

re: 3 samples for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL  
Sampled: September 18, 1998 Run#: 15002  
Extracted: September 22, 1998  
Analyzed: September 22, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
206766	CON E25-S80	360	1.0	N.D.	113	1
<i>Note: Hydrocarbon reported does not match the pattern of our Diesel Standard. Surrogate Recoveries biased high due to Hydrocarbon co-elution.</i>						
206767	CON E45-S80	4.3	1.0	N.D.	113	1
<i>Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.</i>						
206768	CON E60-S80	N.D.	1.0	N.D.	113	1

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

13092007/200700-69

Reference #: 42056

# CHROMALAB, INC.

Environmental Services (SOU) (DOHS 1094)

## Chain of Custody

DATE 9-18-98 PAGE 1 OF 1

PROJECT: \_\_\_\_\_  
 COMPANY: Chromalab  
 ADDRESS: 1600 S. 1st St. #200  
 SAMPLERS (SIGNATURE): \_\_\_\_\_ (PHONE NO.) \_\_\_\_\_  
 (FAX NO.) \_\_\_\_\_

ANALYSIS REPORT					TPH (EPA 8015.8020) <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX CMTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Kerosene, <input type="checkbox"/> Diesel, <input type="checkbox"/> M.O.	PURGEABLE HALOCARBONS (HVOCs) (EPA 8010 by 8260)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B - F, E - F)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8080)	PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> pH <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	<input type="checkbox"/> W.E.T. <input type="checkbox"/> T.C.P.	NUMBER OF CONTAINERS		
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.																			
CON ERS-580	9/16/98	11:00 AM	Soil		X		X															1	
CON LGS-580	9/16/98	11:00 AM	Soil		X		X																1
CON F60-580	9/16/98	11:45 AM	Soil		X		X																1
Cooler Floor	9/18/98	2:45																					1

**PROJECT INFORMATION**  
 PROJECT NAME: Chromalab  
 PROJECT NUMBER: \_\_\_\_\_  
 P.O. # \_\_\_\_\_

**SAMPLE RECEIPT**  
 TOTAL NO. OF CONTAINERS: 3  
 HEAD SPACE: \_\_\_\_\_  
 TEMPERATURE: \_\_\_\_\_  
 CONDITIONS TO RECORD: \_\_\_\_\_

Report:  Routine  Level 2  Level 3  Level 4  
 SPECIAL INSTRUCTIONS/COMMENTS:  
4.9°C AP  
3 tubes

RELINQUISHED BY <u>H.B. Dietz</u> 3:10 (SIGNATURE) (DATE) <u>H.B. DIETZ</u> 9/18/98 (PRINTED NAME) (DATE) <u>DIETZ IRR</u> (COMPANY)	RELINQUISHED BY / 2 (SIGNATURE) (DATE) (PRINTED NAME) (DATE) (COMPANY)	RELINQUISHED BY / 3 <u>Alex Paredes</u> 1745 (SIGNATURE) (DATE) <u>Alex Paredes</u> 9/18/98 (PRINTED NAME) (DATE) <u>Chromalab</u> (COMPANY)
RECEIVED BY <u>B. Howell</u> 1500 (SIGNATURE) (DATE) <u>B. Howell</u> 9/18/98 (PRINTED NAME) (DATE) <u>Chromalab</u> (COMPANY)	RECEIVED BY 2 (SIGNATURE) (DATE) (PRINTED NAME) (DATE) (COMPANY)	RECEIVED BY (LABORATORY) 3 <u>Alex Paredes</u> 1745 (SIGNATURE) (DATE) <u>Alex Paredes</u> 9/18/98 (PRINTED NAME) (DATE) <u>Chromalab</u> (COMPANY)

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809090

DIETZ IRRIGATION

Atten: H.B. DIETZ

Project: SNK OAKLAND  
Received: September 8, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON-00

Spl#: 204780

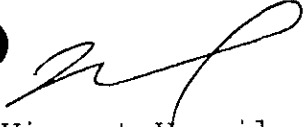
Matrix: SOIL

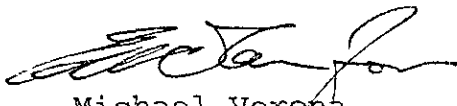
Sampled: September 8, 1998

Run#: 14973

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	2.5	1.1	N.D.	87	1
BENZENE	0.015	0.0050	N.D.	96	1
TOLUENE	0.0067	0.0050	N.D.	93	1
ETHYL BENZENE	0.19	0.0050	N.D.	95	1
XYLENES	0.98	0.0050	N.D.	94	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809090

DIETZ IRRIGATION

Atten: H.B. DIETZ

Project: SNK OAKLAND  
Received: September 8, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON-S25

Spl#: 204781


Matrix: SOIL

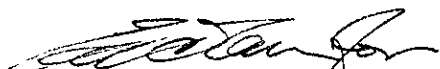
Sampled: September 8, 1998

Run#: 14737

Analyzed: September 8, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	96	1
BENZENE	N.D.	0.0050	N.D.	97	1
TOLUENE	N.D.	0.0050	N.D.	94	1
ETHYL BENZENE	N.D.	0.0050	N.D.	97	1
XYLENES	N.D.	0.0050	N.D.	94	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809090

DIETZ IRRIGATION

Atten: H.B. DIETZ

Project: SNK OAKLAND  
Received: September 8, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON-W25

Spl#: 204782

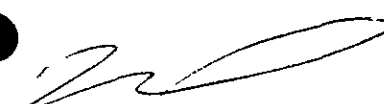
Matrix: SOIL

Sampled: September 8, 1998


Run#:14800

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	88	1
BENZENE	N.D.	0.0050	N.D.	99	1
TOLUENE	N.D.	0.0050	N.D.	95	1
ETHYL BENZENE	0.0087	0.0050	N.D.	96	1
XYLENES	N.D.	0.0050	N.D.	95	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 9, 1998

Submission #: 9809090

DIETZ IRRIGATION

Atten: H.B. DIETZ

Project: SNK OAKLAND  
Received: September 8, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON-S25-W25

Spl#: 204783

Matrix: SOIL

Sampled: September 8, 1998

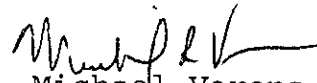
Run#: 14784

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	1.8	1.0	N.D.	87	1
BENZENE	0.17	0.0050	N.D.	96	1
TOLUENE	N.D.	0.0050	N.D.	104	1
ETHYL BENZENE	0.46	0.0050	N.D.	94	1
XYLENES	0.023	0.0050	N.D.	94	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

September 10, 1998

Submission #: 9809090

DIETZ IRRIGATION

Atten: H.B.DIETZ

Project: SNK OAKLAND  
Received: September 8, 1998 .


re: 1 sample for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL                      Extracted: September 9, 1998  
Sampled: September 8, 1998      Run#: 14763                      Analyzed: September 9, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
204783	CON-S25-W25	4.4	1.0	N.D.	63.9	1

Note: Hydrocarbon reported is in the early Diesel Range and does not match our Diesel Standard.

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

9809 090 / 204#80-104785

41832

# CHROMALAB, INC.

## Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 9-8-98 PAGE 1 OF 1

PROJ MGR H.B. DIETZ  
 COMPANY DIETZ IRRIGATION  
 ADDRESS 8617 Etchervy Dr  
Tracy CA 95376  
 SAMPLERS (SIGNATURE) [Signature] (PHONE NO.) 209-832-2910  
 (FAX NO.) 209-8331288

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	ANALYSIS REPORT														NUMBER OF CONTAINERS	
					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)		TOTAL LEAD
CON-00	9-8-98	9:55 AM	Soil	None		X	X											CON-00	8 feet	
CON-525	9-8-98	10:00 AM	Soil	None		X	X											CON-525	10 feet	
CON-6025	9-8-98	11:00 AM	Soil	None		X	X											CON-W25	12 feet	
CON-525 W25	9-8-98	11:00 AM	Soil	None		X	X											CON-525 W25	7 feet	

**RUSH**

**PROJECT INFORMATION**  
 PROJECT NAME SNK Oakland  
 PROJECT NUMBER \_\_\_\_\_  
 P.O. # \_\_\_\_\_

**SAMPLE RECEIPT**  
 TOTAL NO OF CONTAINERS 4  
 HEAD SPACE \_\_\_\_\_  
 REC'D GOOD CONDITION/COLD \_\_\_\_\_  
 CONFORMS TO RECORD \_\_\_\_\_

TAT STANDARD 5-DAY:  24  48  72  OTHER

SPECIAL INSTRUCTIONS/COMMENTS  
Sample - CON 525-W25  
TAT = 24 hrs. all other  
Samples standard TAT

RELINQUISHED BY 1 <u>H.B. Dietz</u> 11:55 (SIGNATURE) (TIME) <u>H.B. DIETZ</u> (PRINTED NAME) 9/8/98 (DATE) <u>DIETZ IRR</u> (COMPANY)	RELINQUISHED BY 2 <u>[Signature]</u> (SIGNATURE) (TIME) <u>JAI WATKINS, 1254</u> (PRINTED NAME) 9/8/98 (DATE) <u>THE SAN JOAQUIN CO</u> (COMPANY)	RELINQUISHED BY 3 _____ (SIGNATURE) (TIME) _____ (PRINTED NAME) (DATE) _____ (COMPANY)
RECEIVED BY 1 _____ (SIGNATURE) (TIME) _____ (PRINTED NAME) (DATE) _____ (COMPANY)	RECEIVED BY 2 _____ (SIGNATURE) (TIME) _____ (PRINTED NAME) (DATE) _____ (COMPANY)	RECEIVED BY (LABORATORY) 3 <u>Alexandra Parks</u> 125 (SIGNATURE) (TIME) <u>Alexandra Parks</u> 9/8/98 (PRINTED NAME) (DATE) <u>chromalab</u> (LAB)

# CHROMALAB, INC.

Environmental Services (SDB)

September 21, 1998

Submission #: 9809174

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 14, 1998

re: 4 samples for TPH - Diesel analysis.  
Method: EPA 8015M

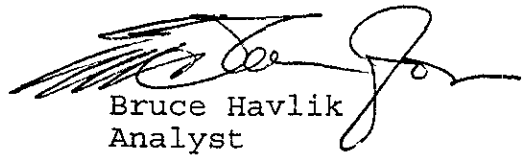
Matrix: SOIL  
Sampled: September 11, 1998 Run#: 14916  
Extracted: September 16, 1998  
Analyzed: September 19, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
205870	CON S75-W25	N.D.	1.0	N.D.	83.6	1

Matrix: SOIL  
Sampled: September 14, 1998 Run#: 14916  
Extracted: September 16, 1998  
Analyzed: September 19, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
205871	CON W75-S25	N.D.	1.0	N.D.	83.6	1
205872	CON S75-W50	N.D.	1.0	N.D.	83.6	1
205873	CON W75-S75	N.D.	1.0	N.D.	83.6	1

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 16, 1998

Submission #: 9809174

DIETZ IRRIGATION

Atten: Bernie Dietz

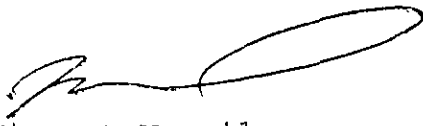
Project: SNK OAKLAND  
Received: September 14, 1998

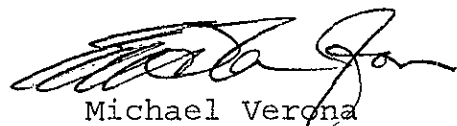
re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON W75-S75

Spl#: 205873 Matrix: SOIL  
Sampled: September 14, 1998 Run#:14882 Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	82	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	98	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	98	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

September 16, 1998

Submission #: 9809174

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 14, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S75-W50


Spl#: 205872


Matrix: SOIL

Sampled: September 14, 1998 Run#:14882

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	82	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	98	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	98	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 16, 1998

Submission #: 9809174

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 14, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

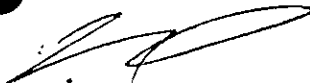
Client Sample ID: CON W75-S25

Spl#: 205871 Matrix: SOIL

Sampled: September 14, 1998 Run#:14882

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	82	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	98	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	98	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 16, 1998

Submission #: 9809174

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: September 14, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: CON S75-W25

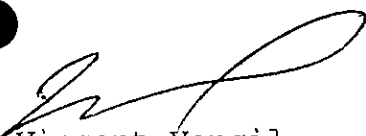
Spl#: 205870

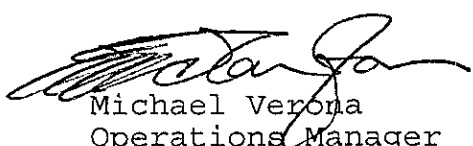
Matrix: SOIL

Sampled: September 11, 1998 Run#:14882

Analyzed: September 15, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	82	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	98	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	98	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

01/14/205810 - 205813

# CHROMALAB, INC.

CHROMALAB, INC.  
119  
01/14/98  
REV. 05/97

41952

## Chain of Custody

Environmental Services (SDB) (DOHS 1094)

9809174

DATE 9-11-98 PAGE 1 OF 1

PROJ MGR \_\_\_\_\_  
 COMPANY ENR - 500 9th St  
 ADDRESS \_\_\_\_\_  
 SAMPLERS (SIGNATURE) A. B. Dutz 209 832-2910 (PHONE NO.)  
 209 833-2888 (FAX NO.)

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline	TPH - Gasoline	TPH - Diesel, TEPH	PURGEABLE AROMATICS	PURGEABLE HALOCARBONS	VOLATILE ORGANICS	BASE/NEUTRALS, ACIDS	TOTAL OIL & GREASE	PCB	PESTICIDES	TOTAL RECOVERABLE	LUFT	CAM METALS	PRIORITY POLLUTANT	TOTAL LEAD	EXTRACTION	NUMBER OF CONTAINERS
					(EPA 5030, 8015)	(EPA 5030, 8015) w/BTEX (EPA 602, 8020)	(EPA 3510/3550, 8015)	(EPA 602, 8020)	(EPA 601, 8010)	(EPA 624, 8240, 524.2)	(EPA 625/627, 8270, 525)	(EPA 5320, 8+f, E+f)	(EPA 608, 8080)	(EPA 608, 8080)	(EPA 418.1)	METALS: Cd, Cr, Pb, Zn, Ni	(17)	(13)	(TCLP, STLC)		
Can 575-u-3	9-11-98	10:22 Am	Soil			Y	X													1 foot	
Can W75-S2	9-14-98	10:22 Am	soil			X	X													9 feet	
Can 575-u-5C	9-14-98	10:45 Am	soil																	8 feet	
Can W75-S75	9-14-98	1:37 PM	Soil			Y	X													9 feet	

**PROJECT INFORMATION**  
 PROJECT NAME ENR Oakland  
 PROJECT NUMBER \_\_\_\_\_  
 P.O. # \_\_\_\_\_  
 TAT STANDARD 5-DAY 24 48 72 OTHER \_\_\_\_\_  
 SPECIAL INSTRUCTIONS/COMMENTS \_\_\_\_\_

**SAMPLE RECEIPT**  
 TOTAL NO OF CONTAINERS 4  
 HEAD SPACE \_\_\_\_\_  
 REC'D GOOD CONDITION/COLD \_\_\_\_\_  
 CONFORMS TO RECORD \_\_\_\_\_

RELINQUISHED BY 1  
H. B. Dutz (SIGNATURE) \_\_\_\_\_ (TIME) \_\_\_\_\_  
H. B. Dutz (PRINTED NAME) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Dutz IRR (COMPANY) \_\_\_\_\_

RECEIVED BY 1  
[Signature] (SIGNATURE) \_\_\_\_\_ (TIME) \_\_\_\_\_  
B. Martin (PRINTED NAME) \_\_\_\_\_ (DATE) \_\_\_\_\_  
[Signature] (COMPANY) \_\_\_\_\_

RELINQUISHED BY 2  
 (SIGNATURE) \_\_\_\_\_ (TIME) \_\_\_\_\_  
 (PRINTED NAME) \_\_\_\_\_ (DATE) \_\_\_\_\_  
 (COMPANY) \_\_\_\_\_

RECEIVED BY 2  
 (SIGNATURE) \_\_\_\_\_ (TIME) \_\_\_\_\_  
 (PRINTED NAME) \_\_\_\_\_ (DATE) \_\_\_\_\_  
 (COMPANY) \_\_\_\_\_

RELINQUISHED BY  
[Signature] (SIGNATURE) \_\_\_\_\_ (TIME) \_\_\_\_\_  
[Signature] (PRINTED NAME) \_\_\_\_\_ (DATE) \_\_\_\_\_  
[Signature] (COMPANY) \_\_\_\_\_

RECEIVED BY (LABORATORY)  
Alexander Paredes (SIGNATURE) \_\_\_\_\_ (TIME) \_\_\_\_\_  
Alexander Paredes (PRINTED NAME) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Chromalab (COMPANY) \_\_\_\_\_

# CHROMALAB, INC.

Environmental Services (SDB)

October 7, 1998

Submission #: 9809423

DIETZ IRRIGATION

Atten: Bernie Dietz.

Project: SNK OAKLAND  
Received: September 29, 1998


re: 5 samples for TPH - Diesel analysis.  
Method: EPA 8015M


Matrix: SOIL                      Extracted: October 1, 1998  
Sampled: September 29, 1998    Run#: 15183                      Analyzed: October 1, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE SPIKE (%)	DILUTION FACTOR
208214	LDS-1 E4	31	1.0	N.D.	69.4	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.						

Matrix: SOIL                      Extracted: October 1, 1998  
Sampled: September 29, 1998    Run#: 15183                      Analyzed: October 2, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE SPIKE (%)	DILUTION FACTOR
208213	LDS-1 D3	140	1.0	N.D.	69.4	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.						
208215	LDS-1 B2	120	1.0	N.D.	69.4	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard. Surrogate high due to matrix interference.						
208216	LDS-1 A4	38	1.0	N.D.	69.4	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.						
208217	LDS-1 E1	270	1.0	N.D.	69.4	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.						

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

October 6, 1998

Submission #: 9809423

DIETZ IRRIGATION

Atten: Bernie Dietz.

Project: SNK OAKLAND  
Received: September 29, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS-1 D3

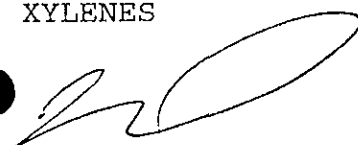
Spl#: 208213

Matrix: SOIL

Sampled: September 29, 1998 Run#:15194

Analyzed: September 30, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	111	1
TOLUENE	N.D.	0.0050	N.D.	109	1
ETHYL BENZENE	N.D.	0.0050	N.D.	112	1
XYLENES	N.D.	0.0050	N.D.	111	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 6, 1998

Submission #: 9809423

DIETZ IRRIGATION

Atten: Bernie Dietz.

Project: SNK OAKLAND  
Received: September 29, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS-1 E4

Spl#: 208214

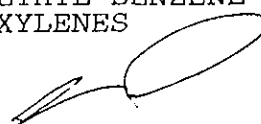
Matrix: SOIL

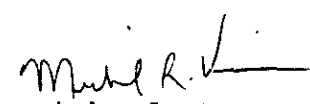
Sampled: September 29, 1998

Run#:15194

Analyzed: September 30, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	111	1
TOLUENE	N.D.	0.0050	N.D.	109	1
ETHYL BENZENE	N.D.	0.0050	N.D.	112	1
XYLENES	N.D.	0.0050	N.D.	111	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

209-833-1288

1220 Quarry Lane • Pleasanton, California 94566-4756  
(925) 484-1919 • Facsimile (925) 484-1096  
Federal ID #68-0140157

GC V132 O: BTEXQC0220  
VINCE 16.01

# CHROMALAB, INC.

Environmental Services (SDB)

October 6, 1998

Submission #: 9809423

DIETZ IRRIGATION

Atten: Bernie Dietz.

Project: SNK OAKLAND  
Received: September 29, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS-1 B2

Spl#: 208215

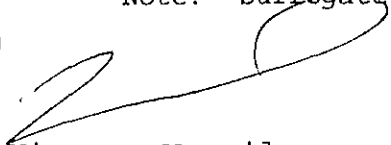
Matrix: SOIL

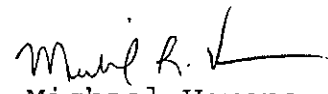
Sampled: September 29, 1998 Run#:15194

Analyzed: September 30, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	111	1
TOLUENE	N.D.	0.0050	N.D.	109	1
ETHYL BENZENE	N.D.	0.0050	N.D.	112	1
XYLENES	N.D.	0.0050	N.D.	111	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

October 6, 1998

Submission #: 9809423

DIETZ IRRIGATION

Atten: Bernie Dietz.

Project: SNK OAKLAND  
Received: September 29, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS-1 A4

Spl#: 208216

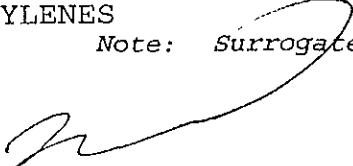
Matrix: SOIL

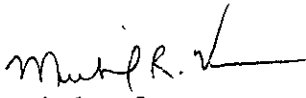
Sampled: September 29, 1998 Run#:15260

Analyzed: September 30, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	92	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	97	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	97	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 6, 1998

Submission #: 9809423

DIETZ IRRIGATION

Atten: Bernie Dietz.

Project: SNK OAKLAND  
Received: September 29, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS-1 E1

Spl#: 208217

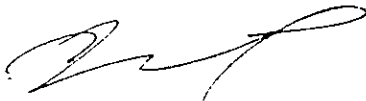
Matrix: SOIL

Sampled: September 29, 1998 Run#:15194

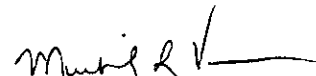
Analyzed: September 30, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	111	1
TOLUENE	N.D.	0.0050	N.D.	109	1
ETHYL BENZENE	N.D.	0.0050	N.D.	112	1
XYLENES	N.D.	0.0050	N.D.	111	1

Note: Surrogate Recoveries demonstrate Matrix interference.



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 5, 1998

Submission #: 9809423

DIETZ IRRIGATION

Atten: Bernie Dietz.


Project: SNK OAKLAND  
Received: September 29, 1998

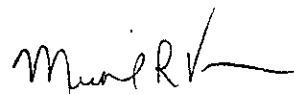
re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
Method: SW846 Method 8270A Nov 1990

Client Sample ID: LDS-1 D3, E4, B2, A4, E1

Spl#: 208212 Matrix: SOIL Extracted: October 2, 1998  
Sampled: September 29, 1998 Run#: 15220 Analyzed: October 2, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.10	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	86.5	1
FLUORENE	N.D.	0.10	N.D.	--	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	91.8	1
BENZO (A) ANTHRACENE	N.D.	0.10	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
BENZO (B) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (K) FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO (A) PYRENE	N.D.	0.050	N.D.	--	1
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO (A, H) ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO (GHI) PERYLENE	N.D.	0.20	N.D.	--	1

  
Michael Lee  
Analyst

  
Michael Verona  
Operations Manager

9809423-209212-17

SUBM #: 9809423 REP: GCLEV2  
CLIENT: SANJOAQUINCO  
DUE: 10/06/98  
REF #: 42239

42239

# THE SAN JOAQUIN COMPANY Inc.

8617 Etcheverry Drive, Tracy, CA 95376  
Voice: (209)-832-2910 Fax: (209)-833-1288

1400 Solano Ave No. 12, Albany CA 94706  
Voice (510)-444-1248 Fax: (510)-444-1296

## JDY / REQUEST FOR ANALYSIS RECORD

Project: SNK Oakland  
Project No.: \_\_\_\_\_  
Sampling Team: Dietz/Miller/Bryant

Laboratory: Chromatol  
Carrier: NA Dietz IRR  
Waybill No.: N/A

Sample No.	Type	Sampling Location	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
LDS-1 D5	soil	Treatment Area	9/29	1:55 pm	Tphg + DTEX TPhd	
LDS1 E4	↓	↓	↓	2:00p.	↓	
LDS1 B2	↓	↓	↓	1:46p	↓	
LDS1 A4	↓	↓	↓	1:47p	↓	
LDS1 E1	↓	↓	↓	1:45p	↓	
LDS1 composite	"	"	"	"	PNA'S SED	
Note	composite 5 samples <del>and</del> above		"			

Sample Hazards: gas/diesel

TAT: Routine  Expedited  Special

Notes: \_\_\_\_\_

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	A. B. Dietz	Dietz IRR	9-29-98	15:37	9-29-98	15:39	[Signature]
Received/ Relinquished by:	E. J. Bryant Jr	"	"	15:39	"		[Signature]
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

# CHROMALAB, INC.

Environmental Services (SDB)

October 19, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998

re: 6 samples for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL  
Sampled: October 15, 1998 Run#: 15434  
Extracted: October 16, 1998  
Analyzed: October 16, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
210666	LDS2 A-2	220	1.0	N.D.	85.5	1
	<i>Note: Hydrocarbon reported does not match the pattern of our Diesel Standard. Surrogate Recoveries biased high due to Hydrocarbon co-elution.</i>					
210667	LDS2 C-1	260	1.0	N.D.	85.5	1
	<i>Note: Hydrocarbon reported is in the early Diesel Range and does not match our Diesel Standard.</i>					
210668	LDS2 E-5	45	1.0	N.D.	85.5	1
	<i>Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.</i>					
210669	LDS2 E-4	120	1.0	N.D.	85.5	1
	<i>Note: Hydrocarbon reported does not match the pattern of our Diesel Standard. Surrogate Recoveries biased high due to Hydrocarbon co-elution.</i>					
210670	LDS2 C-2	110	1.0	N.D.	85.5	1
	<i>Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.</i>					
210671	LDS2 C-3	190	1.0	N.D.	85.5	1
	<i>Note: Hydrocarbon reported does not match the pattern of our Diesel Standard. Surrogate Recoveries biased high due to Hydrocarbon co-elution.</i>					

*Carolyn House*  
Carolyn House  
Analyst

*Bruce Havlik*  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

October 22, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998

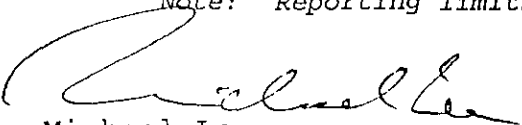
re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
Method: SW846 Method 8270A Nov 1990

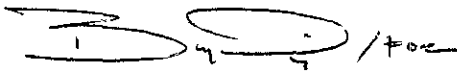
Client Sample ID: LDS2 COMPOSITE

Spl#: 210672 Matrix: SOIL Extracted: October 16, 1998  
Sampled: October 15, 1998 Run#: 15442 Analyzed: October 21, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.50	N.D.	--	5
ACENAPHTHYLENE	N.D.	0.50	N.D.	--	5
ACENAPHTHENE	N.D.	0.50	N.D.	84.0	5
FLUORENE	N.D.	0.50	N.D.	--	5
PHENANTHRENE	N.D.	0.50	N.D.	--	5
ANTHRACENE	N.D.	0.50	N.D.	--	5
FLUORANTHENE	N.D.	0.50	N.D.	--	5
PYRENE	N.D.	0.50	N.D.	82.9	5
BENZO (A) ANTHRACENE	N.D.	0.50	N.D.	--	5
CHRYSENE	N.D.	0.50	N.D.	--	5
BENZO (B) FLUORANTHENE	N.D.	0.50	N.D.	--	5
BENZO (K) FLUORANTHENE	N.D.	1.0	N.D.	--	5
BENZO (A) PYRENE	N.D.	0.25	N.D.	--	5
INDENO (1, 2, 3-CD) PYRENE	N.D.	1.0	N.D.	--	5
DIBENZO (A, H) ANTHRACENE	N.D.	1.0	N.D.	--	5
BENZO (GHI) PERYLENE	N.D.	1.0	N.D.	--	5

Note: Reporting limits raised due to matrix interference.

  
Michael Lee  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 16, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS2 C-1

Spl#: 210667

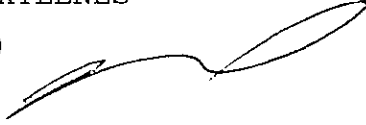
Matrix: SOIL

Sampled: October 15, 1998

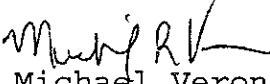
Run#:15438

Analyzed: October 16, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	105	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	97	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	97	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 16, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS2 E-5

Spl#: 210668

Matrix: SOIL

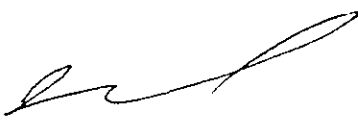
Sampled: October 15, 1998

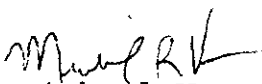
Run#:15438

Analyzed: October 16, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	105	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	97	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	0.0057	0.0050	N.D.	97	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile. If quantified using Gasoline's response factor, concentration would equal 1.9mg/Kg.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

October 16, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS2 E-4

Spl#: 210669

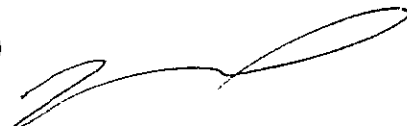
Matrix: SOIL

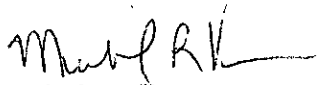
Sampled: October 15, 1998

Run#:15438

Analyzed: October 16, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	105	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	97	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	97	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 16, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS2 C-2

Spl#: 210670

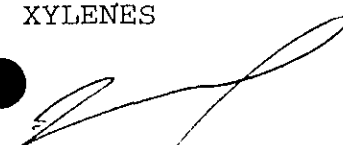
Matrix: SOIL

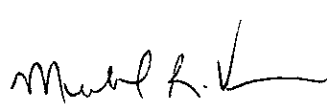
Sampled: October 15, 1998

Run#:15438

Analyzed: October 16, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	105	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	97	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	97	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 16, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998

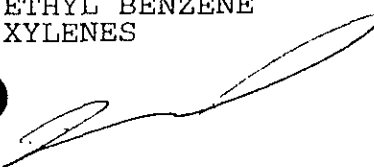
re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS2 C-3  
Spl#: 210671  
Sampled: October 15, 1998


Matrix: SOIL  
Run#:15438

Analyzed: October 16, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	105	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	97	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	97	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 16, 1998

Submission #: 9810254

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: October 15, 1998


re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS2 A-2  
Spl#: 210666  
Sampled: October 15, 1998

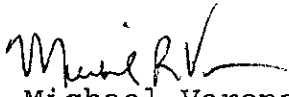
Matrix: SOIL  
Run#:15438

Analyzed: October 16, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	105	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	97	1
ETHYL BENZENE	N.D.	0.0050	N.D.	98	1
XYLENES	N.D.	0.0050	N.D.	97	1



Vincent Vancil  
Analyst



Michael Verona  
Operations Manager

9810254/210666-672

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

Reference #: 42574

## Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 10/15/98 PAGE 1 OF 1

PROJ MGR H.B. Dietz  
 COMPANY Dietz Irrigation  
 ADDRESS 8617 Etcheberry Dr Tracy, CA  
 SAMPLERS (SIGNATURE) H.B. Dietz (PHONE NO.) 209 832-2910  
 (FAX NO.) 209 833-1238

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015, 8020) <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Kerosene, <input type="checkbox"/> Diesel, <input type="checkbox"/> M.O.	PURGEABLE HALOCARBONS, (HYOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B + F, E + F)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8060)	PNA's by <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 8310 <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD <input type="checkbox"/> W.E.T. (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24 hr hold time for H2O)									NUMBER OF CONTAINERS									
LDS 2 A-2	10/15/98	1:00 pm	Soil	N/A	X		X																													
LDS 2 C-1		1:03 pm			X		X																													
LDS 2 E-5		1:06 pm			X		X																													
LDS 2 E-4		1:09 pm			X		X																													
LDS 2 C-2		1:11 pm			X		X																													
LDS 2 C-3		1:13 pm			X		X																													
LDS 2 Composite														X																						

Note  
Composite 6 samples  
and run PNA by  
8270 on the  
Composite

**FRESH**

**PROJECT INFORMATION**  
 PROJECT NAME SNK Oakland  
 PROJECT NUMBER \_\_\_\_\_  
 P.O. # \_\_\_\_\_  
 TAT STANDARD 5-DAY  
 Report:  Routine  Level 2  Level 3  Level 4  Electronic Report  
 SPECIAL INSTRUCTIONS/COMMENTS:

**SAMPLE RECEIPT**  
 TOTAL NO OF CONTAINERS 6  
 HEAD SPACE \_\_\_\_\_  
 TEMPERATURE \_\_\_\_\_  
 CONFORMS TO RECORD  
 24  48  72  OTHER

**RELINQUISHED BY 1**  
E.J. Bryant Jr. (SIGNATURE) 10/15/98 (TIME)  
Dietz Irrigation (COMPANY)  
**RECEIVED BY 1**  
Alex Paradis (SIGNATURE) 10/15/98 (TIME)  
Alex Paradis (PRINTED NAME) (DATE)  
Chromalab (COMPANY)

**RELINQUISHED BY 2**  
 (SIGNATURE) (TIME) (SIGNATURE) (TIME)  
 (PRINTED NAME) (DATE) (PRINTED NAME) (DATE)  
 (COMPANY) (COMPANY)

**RECEIVED BY 2**  
 RECEIVED BY (LABORATORY)  
 (SIGNATURE) (TIME) (SIGNATURE) (TIME) (SIGNATURE) (TIME)  
 (PRINTED NAME) (DATE) (PRINTED NAME) (DATE) (PRINTED NAME) (DATE)  
 (COMPANY) (LAB)

# CHROMALAB, INC.

Environmental Services (SDB)

November 18, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: November 10, 1998

re: 1 sample for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL                      Extracted: November 12, 1998  
Sampled: November 10, 1998      Run#: 15933                      Analyzed: November 14, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
214975	LDS#3 B-1	9.1	1.0	N.D.	90.8	1

Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz


Project: SNK OAKLAND  
Received: November 10, 1998

re: 5 samples for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: SOIL                      Extracted: November 12, 1998  
Sampled: November 10, 1998      Run#: 15933                      Analyzed: November 14, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
214974	LDS#3 A-4	8.8	1.0	N.D.	90.8	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.						
214976	LDS#3 C-2	140	10	N.D.	90.8	10
Note: Hydrocarbon reported is in the early Diesel Range and does not match our Diesel Standard.						
214977	LDS#3 D-3	36	1.0	N.D.	90.8	1
Note: Hydrocarbon reported is in the early Diesel Range and does not match our Diesel Standard.						
214978	LDS#3 G-8	18	1.0	N.D.	90.8	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.						
214979	LDS#3 G-5	49	1.0	N.D.	90.8	1
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.						

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: November 10, 1998

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
Method: SW846 Method 8270A Nov 1990

Client Sample ID: LDS#3A4, B1, C2, D3, G8, G5

Spl#: 214980

Matrix: SOIL

Extracted: November 12, 1998


Sampled: November 10, 1998


Run#: 15940

Analyzed: November 17, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.50	N.D.	--	5
ACENAPHTHYLENE	N.D.	0.50	N.D.	--	5
ACENAPHTHENE	N.D.	0.50	N.D.	62.5	5
FLUORENE	N.D.	0.50	N.D.	--	5
PHENANTHRENE	N.D.	0.50	N.D.	--	5
ANTHRACENE	N.D.	0.50	N.D.	--	5
FLUORANTHENE	N.D.	0.50	N.D.	--	5
PYRENE	N.D.	0.50	N.D.	63.7	5
BENZO (A) ANTHRACENE	N.D.	0.50	N.D.	--	5
CHRYSENE	N.D.	0.50	N.D.	--	5
BENZO (B) FLUORANTHENE	N.D.	0.50	N.D.	--	5
BENZO (K) FLUORANTHENE	N.D.	1.0	N.D.	--	5
BENZO (A) PYRENE	N.D.	0.25	N.D.	--	5
INDENO (1, 2, 3-CD) PYRENE	N.D.	1.0	N.D.	--	5
DIBENZO (A, H) ANTHRACENE	N.D.	1.0	N.D.	--	5
BENZO (GHI) PERYLENE	N.D.	1.0	N.D.	--	5

Note: Reporting limits raised due to matrix interference.

  
Michael Lee  
Analyst

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: November 10, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS#3 A-4

Spl#: 214974

Matrix: SOIL

Sampled: November 10, 1998

Run#:15965

Analyzed: November 12, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	99	1
BENZENE	N.D.	0.0050	N.D.	88	1
TOLUENE	N.D.	0.0050	N.D.	84	1
ETHYL BENZENE	N.D.	0.0050	N.D.	82	1
XYLENES	N.D.	0.0050	N.D.	81	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Craig Huntzinger  
Analyst

  
Michael Verona  
Laboratory Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: November 10, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS#3 B-1

Spl#: 214975

Matrix: SOIL


Sampled: November 10, 1998

Run#:15937

Analyzed: November 12, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	91	1
TOLUENE	N.D.	0.0050	N.D.	86	1
ETHYL BENZENE	N.D.	0.0050	N.D.	85	1
XYLENES	N.D.	0.0050	N.D.	83	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: November 10, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS#3 C-2

Spl#: 214976


Matrix: SOIL


Sampled: November 10, 1998

Run#:15937

Analyzed: November 12, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	91	1
TOLUENE	N.D.	0.0050	N.D.	86	1
ETHYL BENZENE	N.D.	0.0050	N.D.	85	1
XYLENES	N.D.	0.0050	N.D.	83	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND

Received: November 10, 1998

re: One sample for Gasoline BTEX analysis.

Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS#3 D-3

Spl#: 214977

Matrix: SOIL

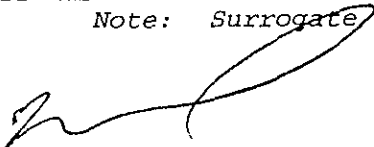
Sampled: November 10, 1998


Run#:15937

Analyzed: November 12, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	91	1
TOLUENE	N.D.	0.0050	N.D.	86	1
ETHYL BENZENE	N.D.	0.0050	N.D.	85	1
XYLENES	N.D.	0.0050	N.D.	83	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: November 10, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS#3 G-8

Spl#: 214978

Matrix: SOIL

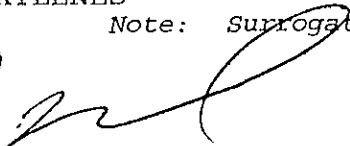
Sampled: November 10, 1998

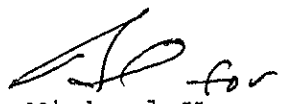
Run#:15937

Analyzed: November 12, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	91	1
TOLUENE	N.D.	0.0050	N.D.	86	1
ETHYL BENZENE	N.D.	0.0050	N.D.	85	1
XYLENES	N.D.	0.0050	N.D.	83	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1998

Submission #: 9811157

DIETZ IRRIGATION

Atten: Bernie Dietz

Project: SNK OAKLAND  
Received: November 10, 1998

re: One sample for Gasoline BTEX analysis.  
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: LDS#3 G-5

Spl#: 214979

Matrix: SOIL

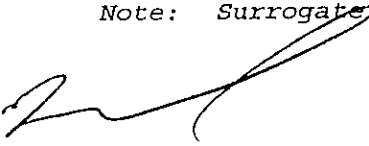
Sampled: November 10, 1998

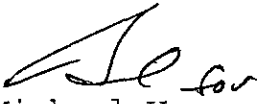
Run#:15937

Analyzed: November 12, 1998

<u>ANALYTE</u>	<u>RESULT</u> <u>(mg/Kg)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/Kg)</u>	<u>BLANK</u> <u>SPIKE</u> <u>(%)</u>	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	93	1
BENZENE	N.D.	0.0050	N.D.	91	1
TOLUENE	N.D.	0.0050	N.D.	86	1
ETHYL BENZENE	N.D.	0.0050	N.D.	85	1
XYLENES	N.D.	0.0050	N.D.	83	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

SURM #: 9811157 REP: GC  
 CLIENT: DIETZ  
 DUE: 11/17/98  
 REF #: 43857

Reference #: 4057

## Chain of Custody

DATE 11/10/98 PAGE 1 OF 1

PROJ MGR H.B. Dietz  
 COMPANY Dietz IRR  
 ADDRESS 8617 Etcheverry Dr  
Tracy CA  
 SAMPLERS (SIGNATURE) \_\_\_\_\_  
 (PHONE NO.) 209 832 2910  
 (FAX NO.) 209 833 1258

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015, 8020) <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> IMTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Kerosene, <input type="checkbox"/> Diesel, <input type="checkbox"/> M.O.	PURGEABLE HALOCARBONS, (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B + F, E + F)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8080)	PNA's by <u>8270</u> <u>8240</u> <input type="checkbox"/> 8310	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	<input type="checkbox"/> W.E.T. (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24 hr hold time for H2O)	NUMBER OF CONTAINERS	
L.D.S #3 A-4	11/10/98	11:00A	Soil	N/A	X		X															
L.D.S #3 B-1	11/10/98	11:08A	↓		X		X															
L.D.S #3 C-2	11/10/98	11:13Am		X		X																
L.D.S #3 D-3	11/10/98	11:20A		X		X																
L.D.S #3 G-8	11/10/98	11:29A		X		X																
L.D.S #3 G-5	11/10/98	11:40A		X		X																

Composite all six samples for one PNA analysis X

**PROJECT INFORMATION**  
 PROJECT NAME SNK Oakland  
 PROJECT NUMBER \_\_\_\_\_  
 P.O.# \_\_\_\_\_  
 TAT  STANDARD 5-DAY  24  48  72  OTHER

**SAMPLE RECEIPT**  
 TOTAL NO OF CONTAINERS 6  
 HEAD SPACE \_\_\_\_\_  
 TEMPERATURE \_\_\_\_\_  
 CONFORMS TO RECORD \_\_\_\_\_

Report:  Routine  Level 2  Level 3  Level 4  Electronic Report

SPECIAL INSTRUCTIONS/COMMENTS:  
4.300  
6 tubes

RELINQUISHED BY <u>Michael E. Miller</u> (SIGNATURE) (TIME) <u>MICHAEL E. MILLER</u> (PRINTED NAME) <u>11-10-98</u> (DATE) <u>DIETZ IRRIGATION</u> (COMPANY)	RELINQUISHED BY _____ (SIGNATURE) (TIME) _____ (PRINTED NAME) (DATE) _____ (COMPANY)	RELINQUISHED BY _____ (SIGNATURE) (TIME) _____ (PRINTED NAME) (DATE) _____ (COMPANY)
RECEIVED BY <u>C Cassidy</u> (SIGNATURE) (TIME) <u>C Cassidy 11:31</u> (PRINTED NAME) (DATE) <u>CR</u> <u>11-10-98</u> (COMPANY)	RECEIVED BY _____ (SIGNATURE) (TIME) _____ (PRINTED NAME) (DATE) _____ (COMPANY)	RECEIVED BY (LABORATORY) _____ (SIGNATURE) (TIME) _____ (PRINTED NAME) (DATE) _____ (LAB)



INSPECTION CONSULTANTS, LP

Job Name <b>208 JACKSON</b>		Date <b>10/21/98</b>	ICI Job No. <b>782-114</b>
Job Address <b>SAME</b>		City <b>OAKLAND</b>	
Permits No.		Issued by	
Contractor		Subcontractor <b>DIETZ IRRIGATION</b>	
Material Description (type, grade, source)			
Technician/Inspector			Page <b>10/1</b>
Dept of Building & Safety / City Of		Building Inspector	
Type of Inspection Required	<input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Post Tensioned Concrete <input type="checkbox"/> Reinforced Masonry	<input type="checkbox"/> Structural Steel Assembly <input type="checkbox"/> Fire Proofing <input type="checkbox"/> Epoxy Anchors	<input checked="" type="checkbox"/> Earthwork <input type="checkbox"/> Quality Control <input type="checkbox"/> Other
Inspection Summary	Locations of work inspected, test samples taken, work rejected, job problems, progress, remarks, etc. Includes information about - amounts of material placed or work performed, number, type & identification numbers of test samples taken; Structural connections (welds H.S. Bolts inspected) checked, etc.		
<b>Comments:</b> <i>UPON SITE ARRIVAL crew had placed and compacted material for building pad. Several Nuclear soil test were performed at various locations of the (5) test performed (2) passed (3) failed will recompact &amp; test at later date</i>			
1	86.0%	12.0	107.5
2	95.0%	9.7	114.4
3	90.7	9.0	113.4
4	95.0	8.1	118.7
5	88.7	9.0	110.9

**CERTIFICATION OF COMPLIANCE**

I hereby certify that I have inspected to the best of my knowledge all of the above reported work unless other noted I have found this work to comply with the approved plans, specifications, and applicable sections of the governing building codes. Non-Compliance conditions noted were brought to the attention of:

*Carl [Signature]*  
Inspector

Compliance  
 Yes  No

Time In	Time Out	Total Reg. Hrs	Total O.T. Hrs
Billing Code	Billing Code	Billing Code	Billing Code
All inspections based on a minimum of 4 hours and over 4 hours - 8 hour min in addition, any inspection extending past noon hour will be an 8 hour min			
_____ <b>Client Authorization</b>			





INSPECTION CONSULTANTS, LP

Project Name <i>208 Jackson ST</i>	Client or Owner	Job No. <i>982-114</i>
General Location of Work <i>OAKLAND</i>	Owner or Clients Representative	Date/Day of Week <i>10/26/98 MON</i>
General Contractor <i>DIETZ IRRIGATION</i>	Subcontractor	Project Engineer
Type of Work <i>Nuclear Soil Test</i>	Subcontractor's Superintendent or Foreman	Permit No.
Assignment Cancelled By:	Page <i>1 of 2</i>	Weather <i>SUNNY</i>
		Technician <i>G. Mills</i>

**Daily Field Report** *upon site arrival crew had compacted and backfill pad. Nuclear Soil Test were performed at various locations and depths. All recorded test were within job guidelines and specifications.*

	Density	M.C.	% Compact	Depth	
1	119.1	8.4	94	-1	ReTest
2	116.9	8.4	94	-1	ReTest
3	121.3	7.6	97	-1	
4	122.5	7.7	98	-1	ReTest
5	117.0	8.5	94	-2	
6	121.1	7.9	97	-2	
7	122.3	7.5	98	GD	
8	120.5	8.1	96	GD	
9	121.7	7.9	98	GD	

*"SEE DRAWING FOR TEST LOCATIONS"*

**Conformance**

Non-compliance conditions noted were brought to the attention of \_\_\_\_\_ for corrective action. Work observed was to the best of my knowledge, in conformance with the (approved) project plans specification, and applicable standards of workmanship; with the exception of items noted above.

Comments Attached

Inspector *Carl [Signature]*

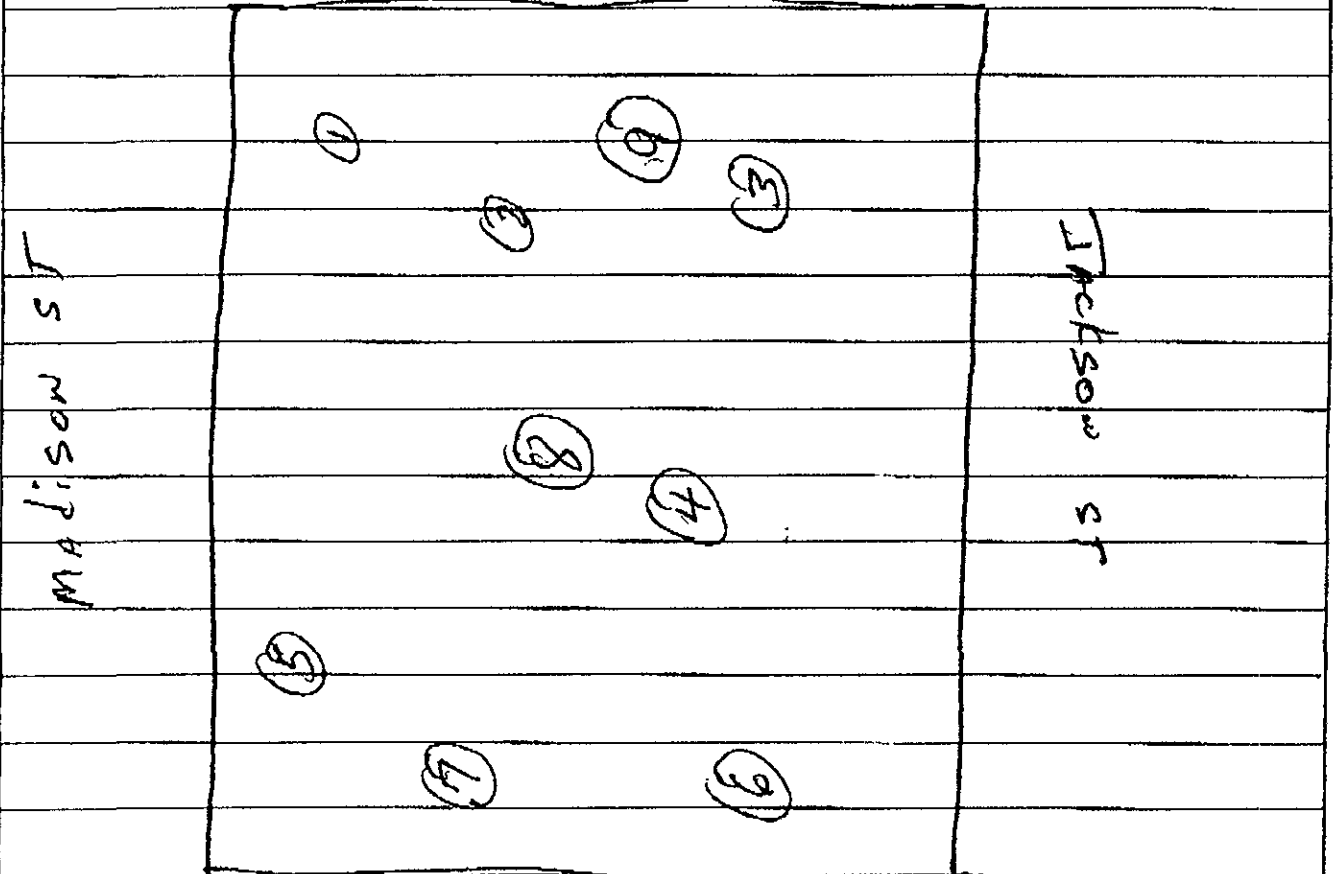


INSPECTION CONSULTANTS, LP

Project Name <i>208 JACKSON ST</i>	Client or Owner	Job No. <i>982-114</i>
General Location of Work <i>OAKLAND</i>	Owner or Clients Representative	Date Day of Week <i>10/26/98</i>
General Contractor <i>DIETZ IRRIGATION</i>	Subcontractor	Project Engineer
Type of Work <i>Nuclear Soil Test</i>	Subcontractor's Superintendent or Foreman	Permit No.
Assignment Cancelled By:	Page <i>2 of 2</i>	Weather <i>SUNNY</i>
		Technician <i>C. He'lls</i>

Daily Field Report

*2nd ST.*



Conformance

Non-compliance conditions noted were brought to the attention of \_\_\_\_\_ for corrective action. Work observed was to the best of my knowledge, in conformance with the (approved) project plans specification, and applicable standards of workmanship; with the exception of items noted above.

Comments Attached

Inspector *Carl He'lls*

# SOIL AGGREGATE - MOISTURE DENSITY RELATIONS

PROJECT NAME: 208 JACKSON ST.

PROJECT NO.: 982-114

SAMPLE DESCRIPTION: GRAY GRAVELLY SAND

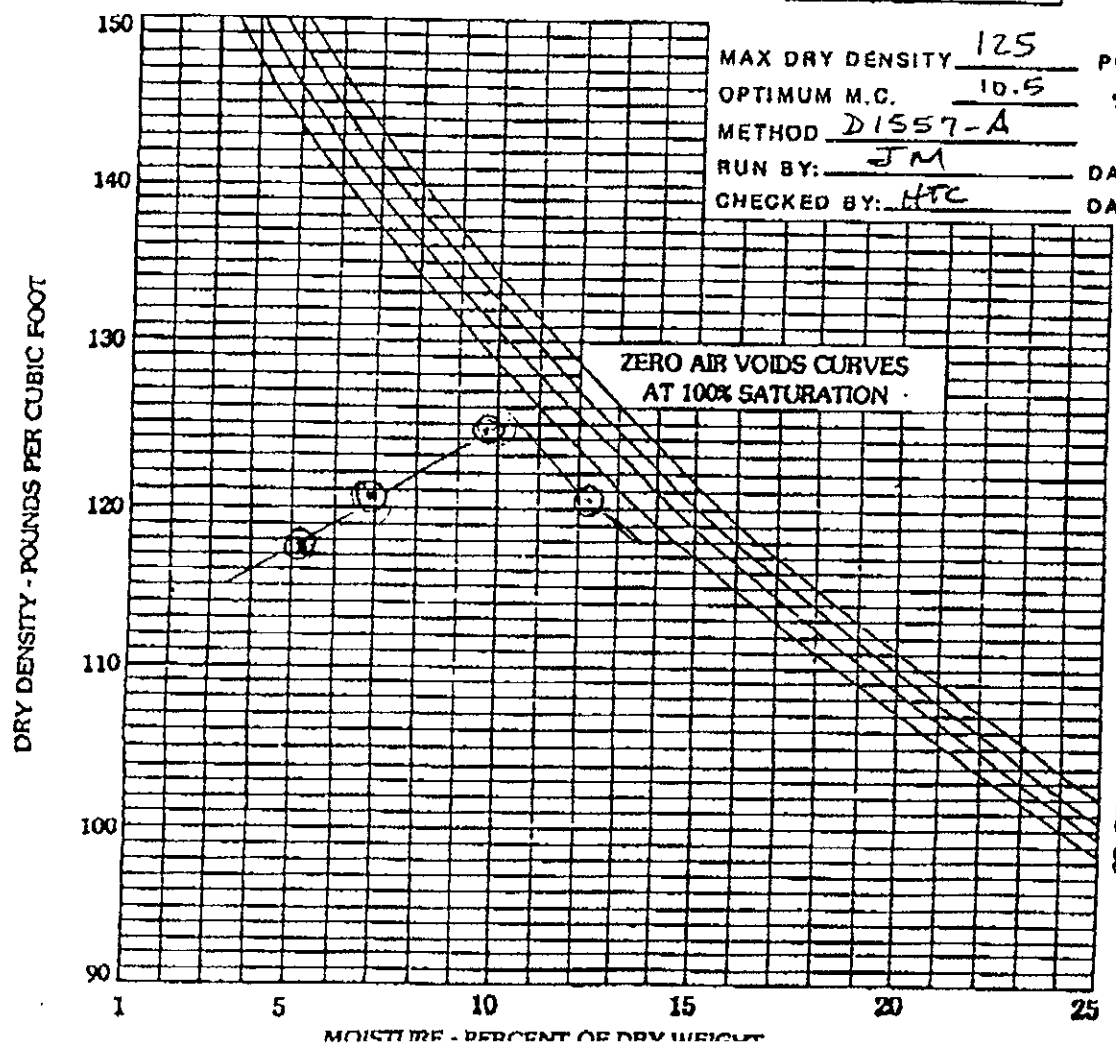
LOCATION: \_\_\_\_\_

SAMPLE NO.: 0/362

A. Wt. mold+soil	6158	6248	6362	6341
B. Wt. mold	4295			
C. Wt. wet soil (A-B)	1863	1953	2067	2046
D. Factor: 4" mold=0.08814 6" mold=0.02938	0.6614			
E. Wet Density (CxD)	123.2	129.2	136.7	135.3
F. Water added	+0	+50	+100	+150
G. Pan+wet soil	454	452	450	450
H. Pan+dry soil	434	426	414	406
I. Pan Tare	48			
J. Dry soil (H-I)	386	378	366	358
K. Moisture loss (G-H)	20	26	36	44
L. % Moisture (K/J x 100)	5.2	6.9	9.8	12.3
M. Dry Density ( $\frac{E}{1+\frac{L}{100}}$ )	117.1	120.9	124.5	120.4

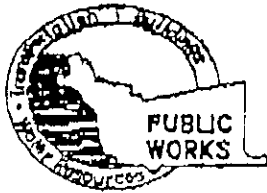
112.3

105.2 106.9 109.8



MAX DRY DENSITY 125 PCF  
 OPTIMUM M.C. 10.5 %  
 METHOD D1557-A  
 RUN BY: JM DATE 10/14/98  
 CHECKED BY: HTC DATE 10/14/98

SP. GR.  
 2.75  
 2.70  
 2.65  
 2.60



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

## WATER RESOURCES SECTION

951 TURNER COURT, SUITE 300, HAYWARD, CA 94546-2651  
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-4262  
(510) 670-5148 ALVIN KAN

### DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 208 JACKSON ST  
OAKLAND CA

PERMIT NUMBER 98WR313  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

California Coordinates Source \_\_\_\_\_ ft. Accuracy ± \_\_\_\_\_ ft.  
DCN \_\_\_\_\_ ft. CCE \_\_\_\_\_ ft.  
CPN SEE ATTACHED SITE PLAN

#### PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT Name SNK DEVELOPMENT INC SUITE 1200  
Address 185 BERRY ST Phone 415 896-1186  
City SAN FRANCISCO Zip 94107

#### A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA 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.

APPLICANT Name DIETZ IRRIGATION  
Address 8617 Echeverry Fax 209 8331288  
City TRACY Phone 209 832 2910  
Zip 95376

#### B. WATER SUPPLY WELLS

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.

#### C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

#### D. GEOTECHNICAL

Backfill bore hole with compacted cuttings or 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.

#### E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

#### F. WELL DESTRUCTION

See attached.

#### G. SPECIAL CONDITIONS

#### TYPE OF PROJECT

- |                     |                          |                            |                                     |
|---------------------|--------------------------|----------------------------|-------------------------------------|
| Well Construction   | <input type="checkbox"/> | Geotechnical Investigation | <input type="checkbox"/>            |
| Cathodic Protection | <input type="checkbox"/> | General                    | <input type="checkbox"/>            |
| Water Supply        | <input type="checkbox"/> | Contamination              | <input type="checkbox"/>            |
| Monitoring          | <input type="checkbox"/> | Well Destruction           | <input checked="" type="checkbox"/> |

#### PROPOSED WATER SUPPLY WELL USE

- |              |                          |                      |                          |
|--------------|--------------------------|----------------------|--------------------------|
| New Domestic | <input type="checkbox"/> | Replacement Domestic | <input type="checkbox"/> |
| Municipal    | <input type="checkbox"/> | Irrigation           | <input type="checkbox"/> |
| Industrial   | <input type="checkbox"/> | Other                | <input type="checkbox"/> |

#### DRILLING METHOD:

- |            |                          |            |                                     |                       |                          |
|------------|--------------------------|------------|-------------------------------------|-----------------------|--------------------------|
| Mud Rotary | <input type="checkbox"/> | Air Rotary | <input type="checkbox"/>            | Auger                 | <input type="checkbox"/> |
| Cable      | <input type="checkbox"/> | Other      | <input checked="" type="checkbox"/> | <u>PRESSURE GROUT</u> |                          |

DRILLER'S LICENSE NO. C 57 # 485165 MW 2#3

#### WELL PROJECTS

Drill Hole Diameter 4 in. Maximum Depth 15 ft  
Casing Diameter 2 in. Number \_\_\_\_\_  
Surface Seal Depth \_\_\_\_\_ ft.

#### GEOTECHNICAL PROJECTS

Number of Borings \_\_\_\_\_ Maximum Depth \_\_\_\_\_ ft.  
Hole Diameter \_\_\_\_\_ in.

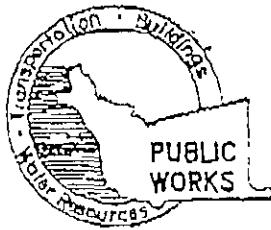
ESTIMATED STARTING DATE 8/10/98  
ESTIMATED COMPLETION DATE 8/15/98

APPROVED [Signature] DATE 7/30/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

Alameda County Public Health  
Contact Larry Soto FOR APPROVAL  
510 - 567 - 6700

APPLICANT'S SIGNATURE H.B. Dutz DATE 7/29/98



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

## WATER RESOURCES SECTION

951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651  
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5242  
(510) 670-5248 ALVIN KAN

### DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 208 JACKSON  
OAKLAND CA

PERMIT NUMBER 98WR314  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

California Coordinates Source \_\_\_\_\_ ft. Accuracy ± \_\_\_\_\_ ft.  
ICN \_\_\_\_\_ ft. CCE \_\_\_\_\_ ft.  
APN See attached site plan

### PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT Name SNK DEVELOPMENT INC SUITE 1200  
Address 185 BERRY ST Phone 415 8961186  
City SAN FRANCISCO Zip 94107

#### A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA 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.

APPLICANT Name DIETZ IRRIGATION  
Address 8617 ROCKEVELL AVE Fax 209 8321288  
City TRACY Phone 209 832 2910 Zip 95376

#### B. WATER SUPPLY WELLS

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.

#### TYPE OF PROJECT

- |                     |                          |                            |  |
|---------------------|--------------------------|----------------------------|--|
| Well Construction   | <input type="checkbox"/> | Geotechnical Investigation | <input type="checkbox"/>                               |
| Cathodic Protection | <input type="checkbox"/> | General                    | <input type="checkbox"/> MW 4 & MW 5                   |
| Water Supply        | <input type="checkbox"/> | Contamination              | <input type="checkbox"/>                               |
| Monitoring          | <input type="checkbox"/> | Well Destruction           | <input checked="" type="checkbox"/> BY OVER EXCAVATION |

#### C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

#### PROPOSED WATER SUPPLY WELL USE

- |              |                          |                      |                          |
|--------------|--------------------------|----------------------|--------------------------|
| New Domestic | <input type="checkbox"/> | Replacement Domestic | <input type="checkbox"/> |
| Municipal    | <input type="checkbox"/> | Irrigation           | <input type="checkbox"/> |
| Industrial   | <input type="checkbox"/> | Other                | <input type="checkbox"/> |

#### D. GEOTECHNICAL

Backfill bore hole with compacted cuttings or 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.

#### DRILLING METHOD:

- |            |                          |            |                          |                        |                          |
|------------|--------------------------|------------|--------------------------|------------------------|--------------------------|
| Mud Rotary | <input type="checkbox"/> | Air Rotary | <input type="checkbox"/> | Auger                  | <input type="checkbox"/> |
| Cable      | <input type="checkbox"/> | Other      | <input type="checkbox"/> | <u>Contractors Use</u> |                          |

#### E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. A-HAZ 638281

#### F. WELL DESTRUCTION

See attached.

#### WELL PROJECTS

Drill Hole Diameter \_\_\_\_\_ in. Maximum \_\_\_\_\_  
Casing Diameter 2 in. Depth 15 ft.  
Surface Seal Depth \_\_\_\_\_ ft. Number \_\_\_\_\_

#### G. SPECIAL CONDITIONS

#### GEOTECHNICAL PROJECTS

Number of Borings \_\_\_\_\_ Maximum \_\_\_\_\_  
Hole Diameter \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.

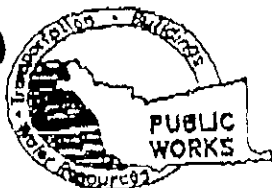
ESTIMATED STARTING DATE 8/10/98  
ESTIMATED COMPLETION DATE 8/15/98

APPROVED [Signature] DATE 7/30/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-69.

Alameda County Public Health  
Contact Larry Seto for approval  
510-567-6700

APPLICANT'S SIGNATURE H.B. Dietz DATE 7/29/98



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION  
181 TURNER COURT, SUITE 300, HAYWARD, CA 94542-2681  
PHONE (510) 670-3373 ANDREAS GORFREY FAX (510) 670-3262  
(510) 670-3348 ALVIN KAN

## DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 208 Jackson  
Oakland CA

California Coordinates Source \_\_\_\_\_ ft. Accuracy ± \_\_\_\_\_ ft.  
NAD 83 \_\_\_\_\_ ft. CCS \_\_\_\_\_ ft.  
APN See Attached Site Plan

CLIENT  
Name SNK Development Inc. Suite 1200  
Address 185 Berry St Phone 415-896-1186  
City San Francisco CA Zip 94102

APPLICANT  
Name Dietz Irrigation Fax 209-833-1288  
Address 8617 Etoberry Dr Phone 209-832-2910  
City Troy CA Zip 95376

### TYPE OF PROJECT

Well Construction  Geotechnical Investigation   
Cathodic Protection  General   
Water Supply  Contamination   
Monitoring  Well Destruction

### PROPOSED WATER SUPPLY WELL USE

New Domestic  Replacement Domestic   
Municipal  Irrigation   
Industrial  Other \_\_\_\_\_

### DRILLING METHOD:

Mud Rotary  Air Rotary  Auger   
Cable  Other

DRILLER'S LICENSE NO. C-57 #485165

### WELL PROJECTS

Drill Hole Diameter 8" in. Maximum \_\_\_\_\_  
Casing Diameter 2" in. Depth 15' ft.  
Surface Seal Depth 6' ft. Number 3

### GEOTECHNICAL PROJECTS

Number of Borings \_\_\_\_\_ Maximum \_\_\_\_\_  
Hole Diameter \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.

ESTIMATED STARTING DATE 8/24/98  
ESTIMATED COMPLETION DATE 8/26/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-08

APPLICANT'S SIGNATURE H. B. Dietz DATE 8/17/98

FOR OFFICE USE

PERMIT NUMBER 98WR352  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

### PERMIT CONDITIONS

Circled Permit Requirements Apply

#### A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA 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.

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#### C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

#### D. GEOTECHNICAL

Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremie cement grout shall be used in place of compacted cuttings.

#### E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

#### F. WELL DESTRUCTION

See attached.

#### G. SPECIAL CONDITIONS

APPROVED [Signature] DATE 8/8/98

REC'D NOV 02 1998

CITY OF OAKLAND



DEVELOPMENT SERVICES DEPARTMENT • 1330 BROADWAY • OAKLAND, CALIFORNIA 94612

TDD 839-6451

10/22/98

REC'D NOV 02 1998

SNK Development Inc.  
185 Berry Street, Suite 1200  
San Francisco, CA 94107-1729  
Attn: Stewart Gruendl

RE: MINOR ENCROACHMENT PERMIT FOR MONITORING WELLS ADJACENT TO  
SECOND AND MADISON STREET, OAKLAND, CALIFORNIA

Dear Mr. Gruendl:

Enclosed is a Minor Encroachment Permit and Agreement allowing you to install two monitoring wells on Second and Madison Street right of way adjacent to the property at 208 Jackson Street, Oakland.

Before the permit will become effective, however, it must be signed by the owner of the property. The signature must be properly notarized, as described on the attached notice. The signed and notarized document should then be returned to this office to the attention of Kha T. Hoang for recordation.

If you have any questions, please call Kha T. Hoang at 238-6320 any weekday from 9:00 A.M. to 1:00 P.M.

Sincerely,

CALVIN N. WONG  
Chief of Building Services

By:

  
PHILIP A. GRUBSTICK  
Engineering Services Manager

Enclosures

Recording Requested by:  
CITY OF OAKLAND

When Recorded Mail to:  
City of Oakland  
Community & Economic  
Development Agency  
Building Services Division,  
Engineering Information  
250 Frank H. Ogawa Plaza, 2nd Floor  
Oakland, CA 94612

TAX ROLL PARCEL NUMBER  
(ASSESSOR'S REFERENCE NUMBER)

001	159	006	
MAP	BLOCK	PARCEL	SUB

Address: 208 Jackson Street  
Oakland, California

*Space Above for Recorder's Use Only*

MINOR ENCROACHMENT PERMIT AND AGREEMENT

SNK Allegro at JLS LLC, the owner of certain real property described in the Grant Deed number 98243358, dated July 10th, 1998, commonly known as 208 Jackson Street, Oakland, Alameda County, California is hereby granted a Conditional Revocable Permit to encroach into the public right-of-way of Madison Street and Second Street in Oakland with ground-water monitoring wells. The location of said encroachments shall be as delineated in Exhibit 'A' attached hereto and made a part hereof.

The permittee agrees to comply with and be bound by the conditions for granting an Encroachment Permit attached hereto and made a part hereof.

This agreement shall be binding upon the undersigned, the present owner of the property described above, and their successors in interest thereof.

In witness whereof, I, Executive Vice President of <sup>SNK Jack London Square Inc., Managing Member of</sup> SNK Allegro at JLS LLC, have set my signature this  
\_\_\_\_ 2nd \_\_\_\_ day of November, 1998.

SNK ALLEGRO AT JLS LLC  


~~STEWART GRUENDL~~ Stewart Gruendl  
Executive Vice President of SNK JLS Inc., Managing Member

Dated: \_\_\_\_\_

By: \_\_\_\_\_  
CALVIN N. WONG  
Chief of Building Services

For:  
WILLIAM E. CLAGGETT  
Director of Community & Economic  
Development Agency



# EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL  
ENGINEERING

PAGE 2 of 2

PERMIT NUMBER <u>11-20-98</u>		SITE ADDRESS/LOCATION <u>208 JAKSON STREET NEAR CORNER</u>	
APPROX. START DATE <u>11/23/98</u>	APPROX. END DATE <u>11/23/98</u>	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number) <u>OF SECOND ST + MADISON</u>	
CONTRACTOR'S LICENSE # AND CLASS <u>C57-485165</u>		CITY BUSINESS TAX # <u>1</u>	
ATTENTION			
1) State law requires that the contractor/owner call <i>Underground Service Alert (USA)</i> two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1 (800) 642-2443. UNDERGROUND SERVICE ALERT (USA) # <u>308044</u>			
2) 48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION. <u>Called 11/20/98 4:00</u>			
OWNER/BUILDER			
I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):			
<input type="checkbox"/> I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).			
<input type="checkbox"/> I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided at the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period (Sec. 7044 Business and Professions Code).			
<input type="checkbox"/> I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code; The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).			
<input type="checkbox"/> I am exempt under Sec. _____, B&P.C. for this reason _____			
WORKER'S COMPENSATION			
<input type="checkbox"/> I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code)			
Policy # _____ Company Name _____			
<input type="checkbox"/> I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars (\$100) or less)			
NOTICE TO APPLICANT. If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of this permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.			
I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor) that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.			
Signature of Permittee <u>[Signature]</u>		Date <u>11/20/98</u>	
<input type="checkbox"/> Agent for <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Owner			
DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) <input type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY <u>[Signature]</u>		DATE ISSUED <u>11-20-98</u>	