

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

April 12, 2002

Ms. Marilyn Ponte
SNK Peabody, JLS, LLC
185 Berry St., Suite 1200
San Francisco, CA 94107-1794

C.J. Hammel
Kretshmar Inc.
314 South 21st St.
St. Louis, MO 63103

Dear C. J. Hammel and Ms. Ponte:

Subject: Fuel Leak Site Case Closure, East Bay Packing/Wo Lee Food; 208 Jackson St., Oakland, CA 94607, Case No. RO 0000012.

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- 360 parts per million (ppm) Total Petroleum hydrocarbon as diesel (TPHd), 29 ppm TPH as gasoline and 0.17, 0.007, 0.19, 1.2 ppm benzene, toluene, ethyl benzene and xylenes (BTEX) remain in soil at this site.
- 750 parts per billion (ppb) TPHd, 1,100 ppb TPH as gasoline, 170, 18, 35, 150 ppb BTEX and 11 ppb methyl tertiary butyl ether (MTBE) remain in groundwater at this site.

If you have any questions, please call Barney Chan at (510) 567-6765. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Supervising Hazardous Materials Specialist
Underground Storage Tank Local Oversight Program

April 12, 2002
RO0000012
208 Jackson St., Oakland, CA 94607
Ms. Marilyn Ponte and C.J. Hammel
Page 2

Enclosures:

1. Case Closure Letter
2. Case Closure Summary

cc: Mr. Chuck Headlee
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Mr. Leroy Griffin
City of Oakland Fire Department
1605 MLK Jr. Way
Oakland, CA 94612

Mr. Allan Patton
SWRCB UST Cleanup Fund
Division of Clean Water Program
1001 I St., 17th Floor
Sacramento, CA 95814-2828

✓ B. Chan, files

ALAMEDA COUNTY
HEALTH CARE SERVICES

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1131 Harbor Bay Parkway, Suite 250
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April 11, 2002

Ms. Marilyn Ponte
SNK Peabody, JLS, LLC
185 Berry St., Suite 1200
San Francisco, CA 94107-1794

C.J. Hammel
Kretshmar Inc.
314 South 21st St.
St. Louis, MO 63103

Dear C. J. Hammel and Ms. Ponte:

Subject: Fuel Leak Site Case Closure, East Bay Packing/Wo Lee Food; 208 Jackson St.,
Oakland, CA 94607, Case No. RO 0000012.

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact Barney Chan at (510) 567-6765 of our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung
Director

Alameda County Environmental Health

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

APR 08 2002

I. AGENCY INFORMATION

Date: 2/19/02
~~2/1/02~~

Agency name: **Alameda County-HazMat**
 City/State/Zip: **Alameda, CA 94502**
 Responsible staff person: Barney Chan

Address: **1131 Harbor Bay Pkwy.**
 Phone: **(510) 567-6765**
 Title: **HMS**

II. CASE INFORMATION

Site facility name: East Bay Packing/Wo Lee Food

Site facility address: 208 Jackson Street, Oakland, CA

RB LUSTIS Case No: **01-0533** Local Case No./LOP 3707/ RO0000012

URF filing date: 3/28/90, 10/7/00 SWEEPS No: N/A

Responsible Parties:

Addresses:

Phone Numbers:

SNK Peabody JLS, LLC

185 Berry Street, Suite 1200
 San Francisco, CA 94107-1794

Ms. Marilyn Ponte
 (415) 896-1186, Ext. 30

C.J. Hammel, Kretshmar Inc.

314 South 21st St.
 St. Louis, MO 63103

<u>Tank No</u>	<u>Size in Gallons</u>	<u>Contents:</u>	<u>Closed in-place or Removed?</u>	<u>Date:</u>
1	2,000	Diesel	Removed	3-20-90
2	10,000	Gasoline	Removed	3-20-90
3	10,000	Diesel	Removed	3-20-90
4	8,000	Gasoline	Removed	3-20-90

Leaking Underground Fuel Storage Tank Program

APR 08 2002

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown

Monitoring Wells installed? Yes Number: 7, 2 Active, MW-6 & MW-7, & 5 decommissioned

Site characterization complete? Yes

Date approved by oversight agency:

Proper screened interval? Yes, from 5-10' and 5-15' bgs

Highest GW depth below ground surface: 3.52 ft. bgs Lowest depth: 5.90 ft. bgs

Flow direction: Predominantly to the south

Most sensitive current use: commercial/residential

Are drinking water wells affected? No Aquifer Name: Oakland subarea, SFBasin

Is surface water affected? No Nearest affected SW name: NA

Off-site beneficial use impacts (addresses/locations): Unknown

Report(s) on file? Yes Where is report(s) filed? Alameda County 1131 Harbor Bay Pkwy. Alameda, CA 94502 Oakland Fire Services 1605 MLK Jr. Dr. Oakland CA 94612

Treatment and Disposal of Affected Material:

Table with 4 columns: Material, Amount (include units), Action (Treatment or Disposal /destination), Date. Rows include Soil (1,260 cu yds), Soil (850 cu yds), and USTs (2-10K, 1-8K, 1-2K).

Leaking Underground Fuel Storage Tank Program

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before ¹	After ²	Before ³	After ⁴
TPH(d)	2,500	360	8,200	750
TPH(g)	11	29	900	1,100
Benzene	61	0.17	82	170
Toluene	195	0.007	6.3	18
Ethyl benzene	130	0.19	3.8	35
Total Xylenes	240	1.2	15	150
Lead	30			
MTBE	NA	NA	NA	11

NA – Not analyzed

1 – Samples collected during tank removals on 3-20-90

2 – Samples collected after over-excavation in 9/98

3 – Grab groundwater sample from tank removals on 3-20-90

4 – Most recent sampling on 5-22-01 from MW-7 and MW-6

Comments (Depth of Remediation, etc.): See “Additional Comments” section.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? unknown

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? unknown

Does corrective action protect public health for current land use? Yes

Site management requirements: site should be entered in the City of Oakland Permit Tracking System to notify individuals doing subsurface work beneath the site and in the streets adjacent to site.

Should corrective action be reviewed if land use changes? Yes

Leaking Underground Fuel Storage Tank Program

Monitoring wells decommissioned: five of seven

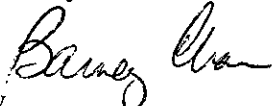
List enforcement actions taken: Pre-enforcement hearing 1/18/94, 2/24/94 Request by SFRWQCB

List enforcement actions rescinded: above

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney Chan

Title: HMS

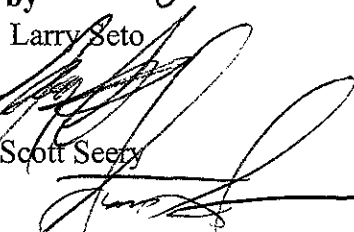
Signature: 

Date: 2/19/02

Reviewed by

Name: Larry Seto

Title: Senior Hazardous Materials Specialist

Signature: 

Date: 2/19/02

Name: Scott Seery

Title: HMS

Signature: 

Date: 2-11-02


VI. RWQCB NOTIFICATION

Date Submitted to RB: 3/28/02

RB Response: *Concur*

RWQCB Staff Name: Chuck Headlee

Title: AEG

Signature: 

Date: 3/29/02

VII. ADDITIONAL COMMENTS, DATA, ETC.

From circa 1878, when the area was first subdivided, to circa 1946, the entire city block surrounded by Jackson, Second, Madison and Third Streets was the site of residential lots. **See Figure 1 for the site location.** In 1946, individuals and corporations began to purchase and consolidate the residential lots, and the city block was rapidly converted to industrial and commercial use. In 1947, the John Morell Company built a meat packing facility at 208 Jackson Street.

Between 1946 and 1947, a steel-framed building, approximately 2,450 square feet in plan area, was constructed at the corner of Second and Madison Streets (205 Madison Street). At some time, presumably during the period it served as truck-rental facility, a total of four underground storage tanks were installed

Leaking Underground Fuel Storage Tank Program

On **March 20, 1990**, four underground storage tanks (1-10,000 gallon diesel, 1-2,000 gallon diesel, 1-10,000 gallon gasoline and 1- 8,000 gallon gasoline) were removed. Two soil samples were taken from the base of each tank pit at a depth of approximately 7 feet. (**Fig. 4**) The soil samples contained up to 2,500 ppm diesel, 61, 195, 130 and 240 ppm of BTEX, respectively. A grab water sample was collected from the 10,000 gallon gasoline and 10,000 gallon diesel tank pits, pits 2 and 3. The water samples contained up to 900 ppb gas, 8,200 ppb diesel and 82 ppb benzene. Based upon the observed contamination, tank #1, the 2K diesel, was over-excavated. Approximately 125 cy of soils was removed and the excavation re-sampled for TPHd and BTEX. This sample reported ND for diesel and 0.013 and 0.0063 ppm, benzene and xylenes, respectively. **See Table 1 and 1A for the analytical results from the tank removal.**

On **May 5, 1990** a groundwater investigation was initiated with the advancement of three soil borings that were completed as monitoring wells MW-1 through MW-3. MW-1 was located within the tank pit of the 2K UST. The soil samples contained up to 6.9 ppm diesel. No other analytes were tested. Groundwater samples contained up to 25,000 ppb gas, 5,500 ppb diesel and 400, 440, 330 and 650 ppb of BTEX, respectively in MW-1. No analytes were reported in MW-2 and MW-3. **See Table 2 and the attached boring logs.**

From June 1990 to December 1993 no subsurface characterization or corrective action was performed. A Pre-enforcement hearing occurred on January 18, 1994, initiating further work.

On **January 6, 1994** a groundwater sample was collected from MW-2 and MW-3. MW-1 could not be located, but a water sample in the excavation near the former location of MW-1 was collected. The groundwater samples from MW-2 and MW-3 were non-detect for gas, diesel, kerosene, and BTEX. The water sample collected near the former location of MW-1 contained 3,700 ppb diesel and 1.1 ppb xylene. Benzene, toluene and ethyl benzene were non-detect. Soils encountered were silty, clayey sand. Groundwater was encountered at approximately 5' bgs.

On **May 25, 1994** two additional groundwater monitoring wells (MW-4 and MW-5) were installed further down-gradient of the initial wells. **See Figure 4 and Plate 2 for the well locations and boring logs.** The groundwater from these two new wells was sampled on June 3, 1994. MW-4 contained 210,000 ppb TPH(gas), 9,800 ppb TPH(diesel), and 7,600 ppb, 28,000 ppb, 3,700 ppb and 24,000 ppb BTEX, respectively. MW-5 contained 7,800 ppb TPH(gas) and 4,600 ppb TPH(diesel).

On **March 21st and 23rd, 1995** sixteen soil borings (five off-site & eleven on-site) were advanced to further evaluate the lateral extent of hydrocarbon impacted soil and groundwater contamination adjacent to and down-gradient of the four former underground tanks. The off-site soil samples collected from 3.5-4.0' depth contained diesel ranging from 1.3 - 5.4 ppm. TPH(gas) and BTEX were non-detectable. On-site soil borings collected at 3.5-4' bgs contained up to 2,300 ppm TPH(g), 1,200 ppm diesel and 5.3 ppm, 26 ppm, 40 ppm and 200 ppm of BTEX respectively.

Leaking Underground Fuel Storage Tank Program

The off-site grab water samples contained up to 53 ppb TPH(gas), 170 ppb TPH(diesel), 0.56 ppb benzene and 1.4 ppb xylenes. The on-site grab water samples contained up to 330,000 ppb TPH(gas), 100,000 ppb TPH(diesel) and 22,000 ppb, 69,000 ppb, 9,700 ppb and 61,000 ppb of BTEX, respectively. The petroleum contamination appeared to migrate in groundwater to at least the property boundary but not much beyond 2nd and Madison streets. The boring logs for borings B-1 and B-2 (attached) are fairly representative of materials encountered in all the borings. A sand layer is encountered beneath the asphalt and groundwater is encountered at 4-5' bgs. Ongoing monitoring showed consistent elevated TPHg/TPHd and BTEX in MW-4 only. **See Figure 3 and Table 7 and 8 for the location of the borings and a summary of the soil and groundwater data.**

In September 1998, a second over-excavation was performed in the area of the former underground tanks. Soil samples were taken from the excavation bottom using 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 locations of the twenty-three (23) samples taken are seen on Figure 6.** The soil samples were collected at depths ranging from 5-10' bgs. The cleanup standards established prior to the start of the project (1000ppm TPHd, 100ppm TPHg, 0.016ppm benzene) were achieved in the area excavated in all but one location. In one location, the benzene concentration in the soil was 0.17 ppm. It was not considered appropriate to reopen 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. **See Table 9 for the results of soil samples taken after the excavation.** A total of 2,110 cu. yds. of soil was excavated. Of this volume, 1,260 cu yds was impacted by petroleum hydrocarbons. The other 850 cu. yds. was taken to the Vasco Road landfill as clean fill. Groundwater, though encountered, entered the excavation slowly and did not have to be removed.

The excavated soil was tilled to aerate the gasoline and BTEX and to enhance the natural bio-remediation of diesel fuel. The soil was divided into three distinct batches ranging from 500 to 700 cubic yards. The soil was spread in the treatment area 12 to 18 inches deep using a front loader. Treatment was conducted during the period from mid – September to early November 1998. Once the treatment had proceeded until no olfactory indications could be detected from the soil, sampling was conducted. All sample results indicated that the treated soil had achieved the cleanup standards, (1000 ppm TPHd, ND for PNAs, 100 ppm TPHg and ND for BTEX) as all of the samples were non-detect for gas, diesel, benzene, toluene, ethylbenzene, xylenes and PNA's. The highest concentration of diesel was 270 ppm **See Tables 2A, 2B and 2C for the results of the treated soils.** The treated soil was placed back into the excavation on top of 6" of drain rocks that was smoothed and carefully compacted to provide a firm base. During the course of the over-excavation, monitoring wells MW-4 and MW-5 were destroyed and removed. Monitoring well MW-1 was destroyed during over-excavation in the tank pit prior to 1998. Monitoring wells MW-2 and MW-3 were grouted and closed on November 23, 1998.

Leaking Underground Fuel Storage Tank Program

On December 30, 1998 monitoring wells MW-6 and MW-7 (replacement wells for MW-4 and MW-5) were installed just beyond the destroyed wells in Second and Madison St., respectively. The water sample from MW-6 contained 1.7 ppb xylenes and was non-detect for TPH(gas), TPH(diesel), benzene, toluene and ethylbenzene. The water sample from MW-7 contained 1,900 ppb diesel, 7,200 ppb TPH(gas) and 410 ppb, 550 ppb, 120 ppb, and 1,200 ppb of BTEX respectively. The soil results from these borings indicated elevated TPHg and TPHd in MW-7, **See Table 2 and Figure 2 and the attached boring logs.**

In April 1999 the groundwater sample collected from monitoring well MW-6 contained 4,500 ppb of TPH(gas) and low levels of BTEX. This unexpected appearance of hydrocarbons in this off-site cross-gradient well is believed to have been caused by entry of fuel or asphaltic emulsions into the well casing when the casing cover and seal were disturbed during street paving operations.

At sometime between April 25, 1999 and July 25, 1999 the well cover for MW-7 was damaged and displaced by the bucket of heavy equipment used to load the paving debris that had been temporarily stored over it. This activity could have caused debris to fall into the well casing before the paving contractor could reset the cover over the well causing the spike in TPHg and BTEX observed in the July 99 sampling. Semi-annual monitoring was initiated after the 10/99 sampling event, the last event being done on 5/22/01. Long term monitoring indicates that the TPH plume appears limited in extent and is stable in terms of concentration. The plume that may exist beneath the down-gradient streets does not extend beyond the width of the streets. **See Table 5 and 5A for a summary of groundwater monitoring events.**

Our office is recommends case closure based upon the following :

- 1) The leak has been stopped and ongoing sources, removed or remediated. All USTs and a significant amount of impacted soil has been excavated and remediated.
- 2) The site has been adequately characterized. Numerous soil borings and monitoring wells have been advanced and installed both on and off-site.
- 3) Only isolated hot spots in soil and low levels of TPHg,d and BTEX remain in groundwater.
- 4) No water wells, deeper drinking water aquifers, surface water or other sensitive receptors are likely to be impacted
- 5) The site presents no significant risk to human health based upon a Tier 2 Oakland RBCA comparison assuming Merritt Sand soils
- 6) The site should be entered into the City of Oakland Permit Tracking System to alert workers performing subsurface work beneath and down-gradient of the site



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

SITE LOCATION

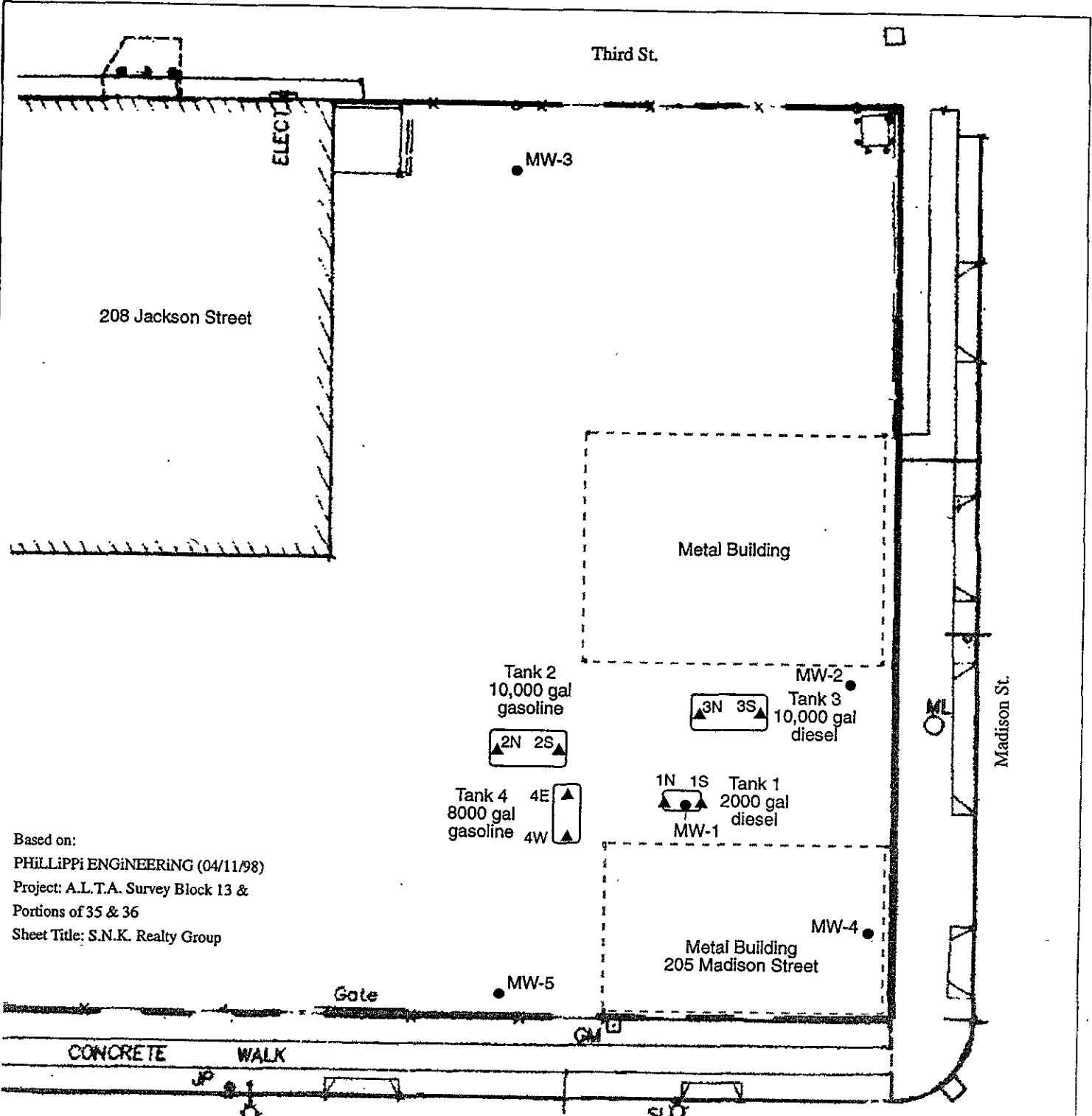
208 Jackson Street, Oakland, California

FIG 1

The San Joaquin Company, Inc.

Project Number: 9401.114

Drawn by: GNM | Date: 06/09/98



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

- MW-1 ● Monitoring Well Location (closed)
- 4E ▲ Sample Location (all samples taken at 7 feet bgs)



Not to Scale

FORMER LOCATIONS OF UNDERGROUND STORAGE TANKS

208 Jackson Street, Oakland, California

FIG 4

The San Joaquin Company Inc.

Project Number: 9401.114

Drawn by: GNM Date: 11/16/99

TABLE 1
RESULTS OF ANALYSES OF SOIL SAMPLES
FROM BOTTOMS OF TANK PITS

Tank No.	Capacity Gal.	Fuel Type	Sample No.	Date Sampled	Sampling Depth ft.	TPH(d) mg/Kg	TPH(g) mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl-benzene mg/Kg	Total Xylenes mg/Kg
1	2000	Diesel	1N	3/20/1990	7	2500	n/a	4.5	3.8	25	42
			1S	3/20/1990	7	82	n/a	61	195	130	240
2	10000	Gasoline	2N	3/20/1990	7	n/a	ND	ND	ND	ND	ND
			2S	3/20/1990	7	n/a	ND	0.015	ND	0.067	0.018
3	10000	Diesel	3N	3/20/1990	7	140	ND	ND	ND	ND	ND
			3S	3/20/1990	7	5	ND	ND	ND	ND	ND
4	8000	Gasoline	4E	3/20/1990	7	n/a	ND	ND	ND	ND	ND
			4W	3/20/1990	7	n/a	11	0.017	ND	0.012	0.0056

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

(2) n/a = Sample not analyzed for this analyte.

MALAB, INC.

Analytical Laboratory
Specializing In GC-GC/MS

- Environmental Analysis
- hazardous Waste (#238)
- Drinking Water (#955)
- Waste Water
- Consultation

Table 1A

March 23, 1990

ChromaLab File No.: 0390105

GEO-ENVIRONMENTAL TECHNOLOGY, INC.

Attn: John Schuetze

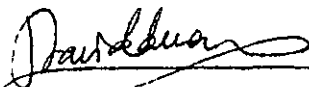
RE: Two rush water samples for Gasoline/BTEX and Diesel analyses

Project Name: EAST BAY PACKING
Project Location: Jackson Street, Oakland
Project Number: 9012
Duration of Analysis: March 21-23, 1990

RESULTS:

Sample No.	Gasoline (mg/L)	Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)
2W	0.900	----	82 = 82	6.3	3.8	15
3W	----	8200 = 8.200 ppb	18	N.D.	1.4	4.3
BLANK SPIKE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
RECOVERY	102.5%	100.7%	92.8%	98.3%	99.6%	95.2%
DETECTION LIMIT	50	50	1.0	1.0	1.0	1.0
METHOD OF ANALYSIS	MOD. 8015	3510/ 8015	602	602	602	602

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Laboratory Director

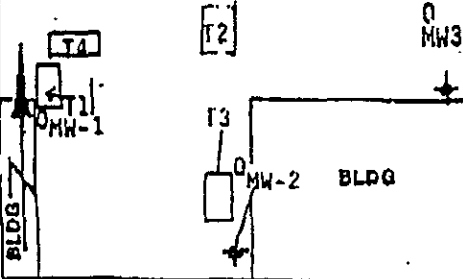
TABLE 2

RESULTS OF ANALYSES OF SOIL SAMPLES RECOVERED
FROM GROUNDWATER-QUALITY MONITORING WELL BORINGS

Well No.	Sample No.	Date Sampled	Depth BGS ft.	TPHd (diesel) mg/Kg	TPHg (gasoline) mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl-benzene mg/Kg	Total Xylenes mg/Kg
MW-1	MW1-1	5/5/1990	3	6.9	n/a	n/a	n/a	n/a	n/a
	MW1-2	5/5/1990	5	ND	n/a	n/a	n/a	n/a	n/a
MW-2	MW2-1	5/5/1990	4	ND	n/a	n/a	n/a	n/a	n/a
MW-3	MW3-1	5/5/1990	3	ND	n/a	n/a	n/a	n/a	n/a
	MW3-2	5/5/1990	7	ND	n/a	n/a	n/a	n/a	n/a
MW-4	No soil samples were recovered when the boring for well MW-4 was drilled.								
MW-5	No soil samples were recovered when the boring for well MW-5 was drilled.								
MW-6	MW6-4.5	12/30/1998	4.5	3.5	ND	ND	ND	ND	ND
	MW6-10.0	12/30/1998	10.0	ND	ND	ND	ND	ND	ND
	MW6-15.0	12/30/1998	15.0	ND	ND	ND	ND	ND	ND
MW-7	MW7-5.0	12/30/1998	5	ND	3300	ND	130	110	590
	MW7-10.0	12/30/1998	10	1900	ND	0.015	0.033	0.019	0.13
	MW7-15.5	12/30/1998	15.5	ND	ND	ND	0.024	0.017	0.098

Notes: (1) ND = Not Detected above the Method Detection Limit (MDL).
(2) n/a = not analyzed

LOCATION MAP



WELL NUMBER	B-1 (MW-1)	LOCATION	200 JACKSON STREET OAKLAND, CALIF.
DATE	5/5/90	WEATHER	SUNNY 60's
LOGGED BY	TOM SMITH	DRILLED BY	AQUA-SCIENCE
DRILLING METHOD	18 5/8-INCH HOLLOW-STEM AUGER	SAMPLING METHOD	18-INCH CALIF. SPLIT SPOON
GRAVEL PACK	SAND 10 FEET TO 4 FEET	SEAL	BENTONITE 4 FT TO 3 FT GROUT 3 FT TO 0 FT.

CASING TYPE SCHEDULE 40 PVC DIAMETER TWO-INCH LENGTH 5 FT. HOLE TEN DIA. INCH

SCREEN TYPE PVC SLOT 0.01 INCH DIAMETER TWO-INCH LENGTH 5 FT. TOTAL TEN DEPTH FT

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	TOP READING (FT)	DEPTH	SAMPLE RECOVERY	PERFORATION RESISTANCE	HSCS	LITHOLOGY/REMARKS	WELL COMPLETION
						0					FLUSH MOUNT
						1					
						2					
						3					
MST FR	LSE			1	NA	1.5'	2	2	SM	0.00'-1.50' SAND, grayish-brown, fine-grained, sub-rounded.	
						4					
SAT WELL	LSE			2	NA	0.45'	2	4	SC	0.00'-0.45' SAND, grayish-brown, fine-grained, sub-rounded. Water at 6.0 FT.	
						5					
						6					
SAT FR	MDNS			3	NA	1.5'	6	11	SC	0.00'-1.50' SAND, brown, mottled, greenish-gray, slightly clayey.	
						7					
						8					
						9					
						10					
						11					
						12					
						13					
						14					
						15					
						16					
						17					
						18					
						19					
						20					



PERMIT # 90266

EXPLANATION	GROUT	SAND	SCREEN
	BENTONITE		

WELL NUMBER	B-2(MW-2)	LOCATION	208 JACKSON ST, OAKLAND, CA
DATE	5/5/90	WEATHER	SUNNY, 60's
LOGGED BY	TOM SMITH	DRILLED BY	AQUA SCIENCE
DRILLING METHOD	8 5/8-INCH HOLLOW STEM AUGER	SAMPLING METHOD	18-INCH CALIF. SPLIT-SPUR
GRAVEL PACK	SAND 10 FEET TO 4 FEET	SEAL	BENTONITE 4 FT TO 3 FT GROUT 3 FT TO 0 FT

CASING TYPE SCHEDULE 40 DIAMETER TWO-INCH LENGTH 5 FT HOLE DIA. 10-INCH

SCREEN TYPE PVC SLOT 0.01 INCH DIAMETER TWO-INCH LENGTH 5 FT TOTAL DEPTH 10 FT

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	TP READING (PPH)	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	USCS	LITHOLOGY/REMARKS	WELL COMPLETION
						0					
						1					
						2					
damp	poor	mst				3					
mst	fair	silt		1	NA	4	1.7	3	ML SC	0.00'-0.50' SILT, brown, clayey.	
						5		1		0.50'-1.30' SAND, brown, mottled, light brown, very fine-grained, clayey.	
						6		4			
sat	fair	lse				7				Water at 5.5 feet.	
				2	NA	8	0.10	2	SC	0.00'-0.10' SAND, yellowish-brown, fine-grained, very clayey. Very little sample recovery.	
						9		3			
						10		4			
						11		5			
						12		6			
						13		7			
						14		8			
						15		9			
						16		10			
						17		11			
						18		12			
						19		13			
						20		14			



EXPLANATION

	GROUT		SAND		SCREEN
	BENTONITE		CASING		WATER LEVEL

PERMIT # 90266

AGENCY: Alameda Co. Flood Contrl. & Wtr Conserv. District

LOCATION MAP

co-Environmental Technology BORING LOG PAGE 1 OF 1

WELL NUMBER B-3 (MH-3) LOCATION 208 JACKSON ST. OAKLAND, CA

DATE 5/5/90 WEATHER SUNNY, 60's

LOGGED BY TOM SMITH DRILLED BY AQUA SCIENCE

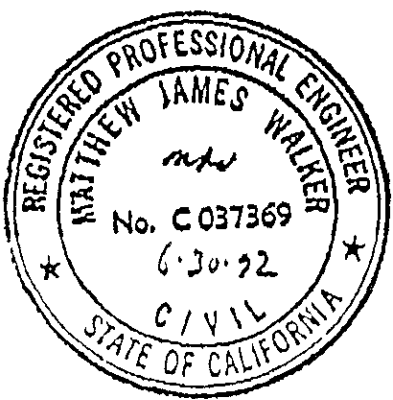
DRILLING METHOD 5/8-INCH HOLLOW STEM AUGER SAMPLING METHOD 1/8-INCH CALIF. SPLIT-SPOON

GRAVEL PACK SAND 10 FEET TO 4 FEET SEAL BENTONITE 4 FT TO 3 FT GROUT 3 FT TO 0 FT

CASING TYPE SCHEDULE 40 DIAMETER TWO-INCH LENGTH 5 FT HOLE DIA. 1.9-INCH

SCREEN TYPE PVC SLOT 0.01 INCH DIAMETER TWO-INCH LENGTH 5 FT TOTAL DEPTH 10 FT

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	TIP READING (PPH)	DEPTH	SAMPLE RECOVERY	PERCUTATION RESISTANCE	USCS	LITHOLOGY/REMARKS	WELL COMPLETION
						0					
						1					
						2					
damp	poor	mst				3			ML	0.00'-0.50' SILT, brown, clayey.	
mst	fair	sfl		1	NA	4			SC	0.50'-1.30' SAND, brown, mottled, light brown, very fine-grained, clayey.	
						5					
						6				Water at 5.5 feet.	
sat	fair	lse		2	NA	7			SC	0.00'-1.50' SAND, yellowish-brown, fine-grained, very clayey.	
						8					
						9					
						10					
						11					
						12					
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						15					
						16					
						17					
						18					
						19					
						20					



EXPLANATION

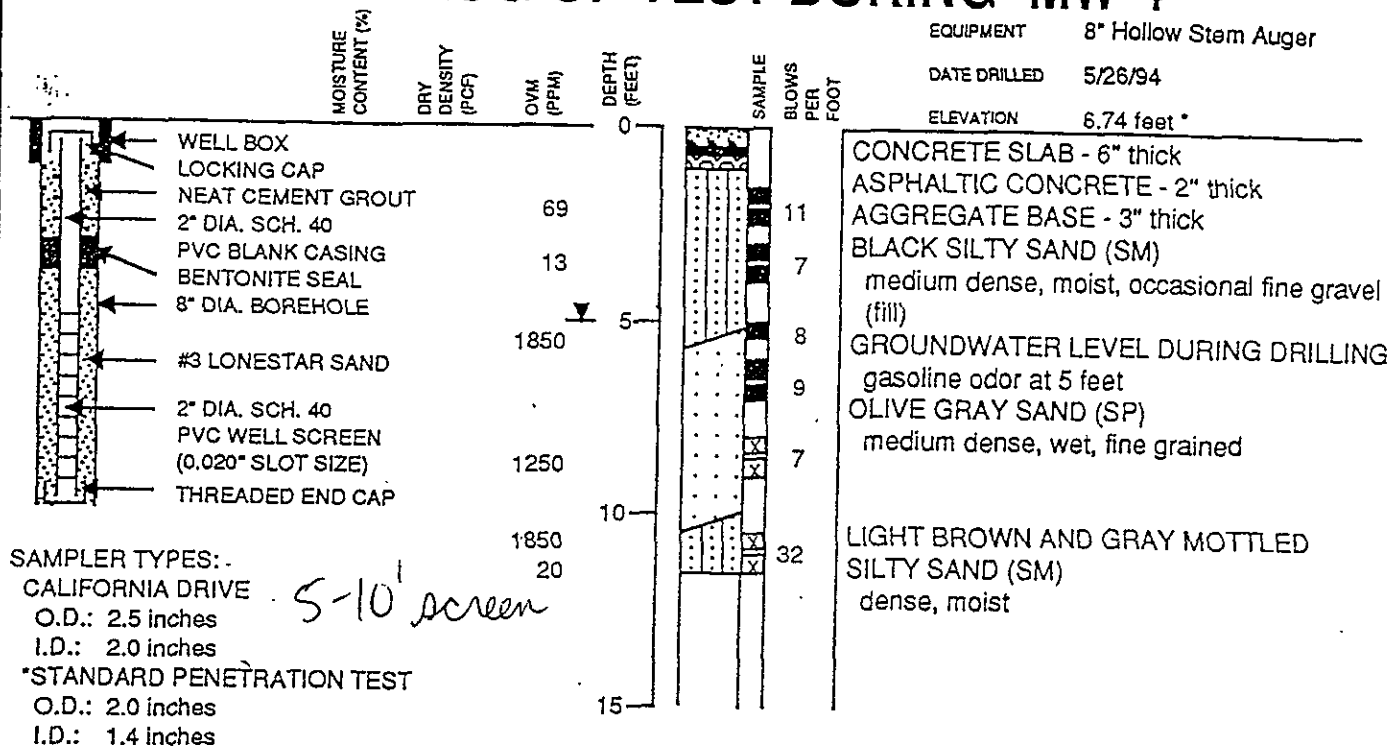
GROUT BENTONITE SAND CASING SCREEN WATER LEVEL

PERMIT # 90266

AGENCY Alameda Co. Flood Contrl.

6.74
94.

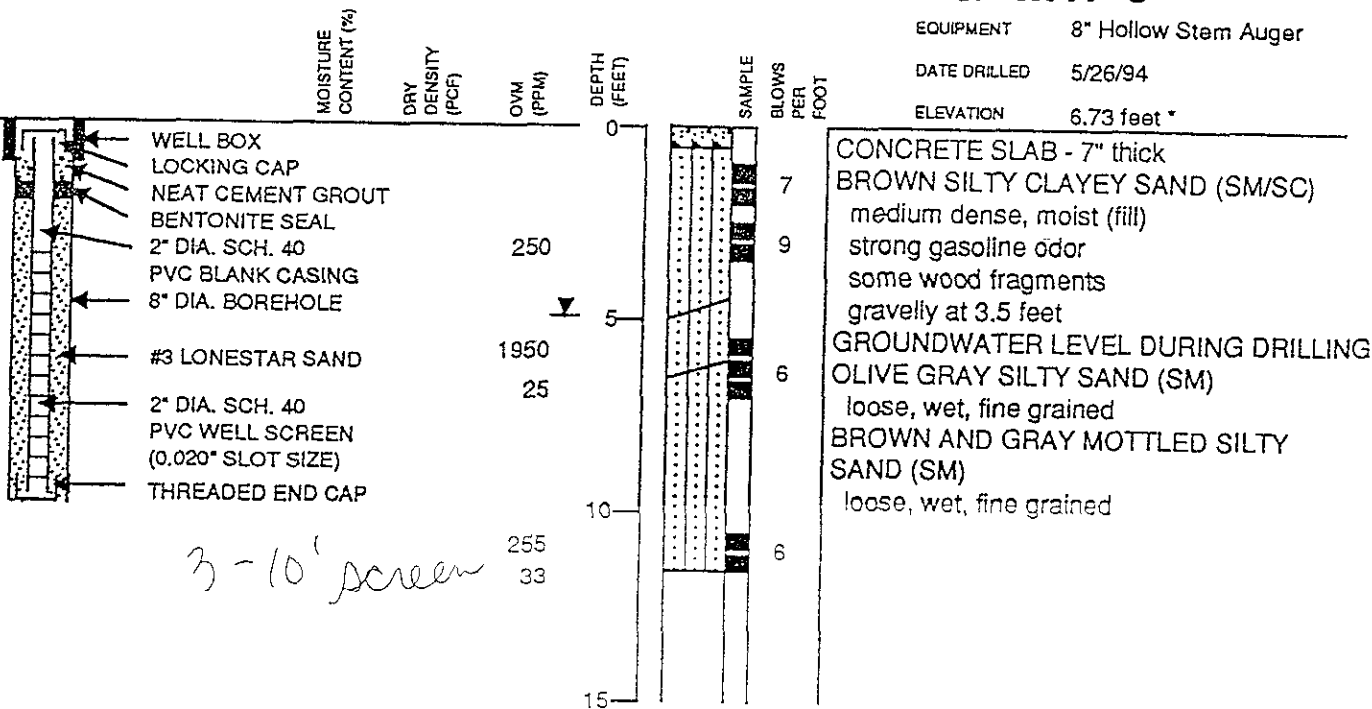
LOG OF TEST BORING MW-4



HAMMER WEIGHT: 140 pounds
HAMMER DROP: 30 inches

* City of Oakland Datum

LOG OF TEST BORING MW-5



Subsurface Consultants

208 JACKSON STREET - OAKLAND, CA

PLATE

JOB NUMBER

DATE

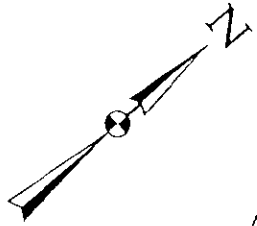
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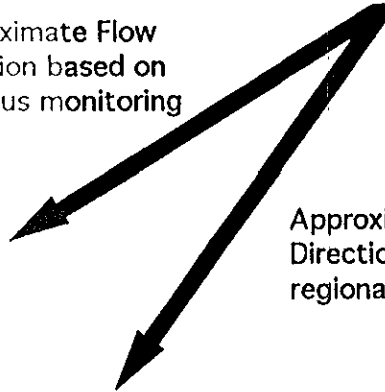
5/31/94

SL

2



Approximate Flow Direction based on previous monitoring

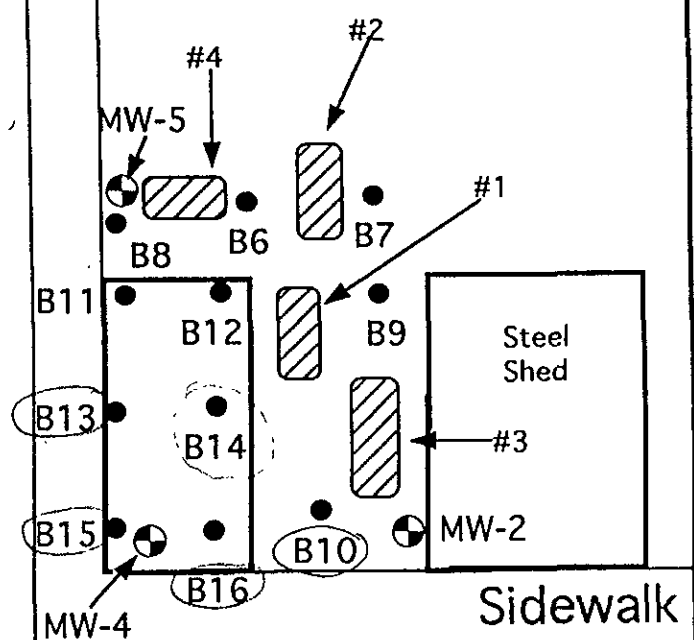


Approximate Flow Direction based on regional topography

Sidewalk

Second Street

B4



Madison Street

B3

B2

B1

Sidewalk

Sidewalk

Legend

- Monitoring Well Location
- ACC Boring Location
- Former UST Location

(Bxx) beneath 1.5' soil → air

Approximate Scale 1 Inch = 50 Feet

Figure 3

Boring Location Map
208 Jackson Street
Oakland, California

May 2, 1995

Drawn by: DRD

Project No.: 95-6249-1.0

TABLE 7
RESULTS OF ANALYSES OF SAMPLES OF SOIL
FROM SMALL-DIAMETER BORINGS

Sample Number	Depth in Feet	Date Collected	TPHd mg/Kg	TPHg mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl-benzene mg/Kg	Xylenes mg/Kg
B1	4.0	3/21/1995	1.3	N.D.	N.D.	N.D.	N.D.	N.D.
B2	4.0	3/21/1995	5.4	N.D.	N.D.	N.D.	N.D.	N.D.
B3	4.0	3/21/1995	N.D.	N.D.	N.D.	N.D.	N.D.	0.013
B4	4.0	3/21/1995	N.D.	N.D.	N.D.	N.D.	N.D.	0.014
B5	4.0	3/21/1995	N.D.	N.D.	N.D.	N.D.	N.D.	0.019
B6	4.0	3/21/1995	N.D.	N.D.	N.D.	N.D.	N.D.	0.013
B7	4.0	3/21/1995	N.D.	1.7	0.04	0.011	0.0074	0.029
B8	4.0	3/21/1995	94	2.9	0.026	0.012	0.030	0.091
B9	3.5	3/21/1995	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
B10	3.5	3/21/1995	71	2,300	5.3	26	40	200
B11	3.5	3/22/1995	1.4	N.D.	N.D.	N.D.	N.D.	N.D.
B12	3.5	3/22/1995	1,100	22	0.023	0.43	0.21	3.6
B13	3.5	3/22/1995	66	2,700	1.9	3.9	34	210
B14	3.5	3/22/1995	N.D.	4.2	N.D.	0.044	0.024	0.25
B15	3.5	3/22/1995	5.6	710	1.5	0.4	1.3	7.6
B16	3.5	3/22/1995	1,200	270	2.2	25	9.6	59



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


TABLE 8

RESULTS OF ANALYSES OF GROUNDWATER
GRAB SAMPLES FROM SMALL-DIAMETER BORINGS

Sample No.	Boring No.	TPHd (Diesel) $\mu\text{g/L}$	TPHg (Gasoline) $\mu\text{g/L}$	Benzene $\mu\text{g/L}$	Toluene $\mu\text{g/L}$	Ethylbenzene $\mu\text{g/L}$	Total Xylenes $\mu\text{g/L}$
W1	B1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
W2	B2	170	53	0.56	N.D.	N.D.	1.4
W3	B3	140	N.D.	N.D.	N.D.	N.D.	N.D.
W4	B4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
W5	B5	170	N.D.	N.D.	N.D.	N.D.	N.D.
W6	B6	160	N.D.	N.D.	N.D.	N.D.	N.D.
W7	B7	N.D.	N.D.	1.0	0.52	N.D.	1.2
W8	B8	320	N.D.	N.D.	N.D.	N.D.	N.D.
W9	B9	n/a	78	2.1	N.D.	N.D.	5.3
W10	B10	n/a	140,000	2,100	7,700	4,600	27,000
W11	B11	33,000	46,000	55	36	570	3,500
W12	B12	100,000	330,000	1,200	27,000	9,700	61,000
W13	B13	38,000	150,000	1,100	5,500	6,200	37,000
W14	B14	84,000	200,000	2,700	61,000	5,900	37,000
W15	B15	5,500	72,000	2,300	3,600	5,200	27,000
W16	B16	6,200	200,000	22,000	69,000	6,300	39,000

Notes: (1) N.D. = Not Detected above the Method Detection Limit (MDL).
(2) n/a = Sample not analyzed for this analyte.

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	EQUIPMENT: Pneumatic Sampler (1" O.D.) LOGGED BY: D. DeMent PROJECT: 208 Jackson Street, Oakland START DATE: 3/21/95
<u>Munsell Color Scale</u> (7.5YR - N3/) (7.5YR - 4/4)	-	SB1-4		0 2 4	Concrete/Baserock: sandy gravel. Silty Sand (SM), dark gray, 5-10% fines, medium dense, damp
		W1		4 6 8 10 12 14 16 18 20 22 24 26 28	Sand (SP), brown - dark brown, fine-medium grain, well sorted, trace fines, medium dense, moist BOTTOM OF BORING @ 5 feet (Probe advanced to 10 feet for collection of water sample)
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVENUE, SUITE 110 ALAMEDA, CA 94501			JOB NO 6238-1.0 DATE: 5/2/95		LOG OF BORING B-1 Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	EQUIPMENT: Pneumatic Sampler (1" O.D.) LOGGED BY: D. DeMent PROJECT: 208 Jackson Street, Oakland START DATE: 3/21/95
<u>Munsell Color Scale</u> (7.5YR - N3/) (7.5YR - 4/4) (10YR - 5/6)	-	SB2-4		0 2 4 6 8 10	Concrete/Baserock: sandy gravel. Silty Sand (SM), greenish gray, 5-10% fines, medium dense, damp - fines decrease with depth Sand (SP), brown - dark brown, fine-medium grain, well sorted, trace fines, medium dense, moist Sand (SP), brown - yellow brown, as above, saturated
		W2		10 12 14 16 18 20 22 24 26 28	BOTTOM OF BORING @ 10 feet

ACC ENVIRONMENTAL CONSULTANTS
1000 ATLANTIC AVEUNUE, SUITE 110
ALAMEDA, CA 94501

JOB NO: 6238-1.0
DATE: 5/2/95

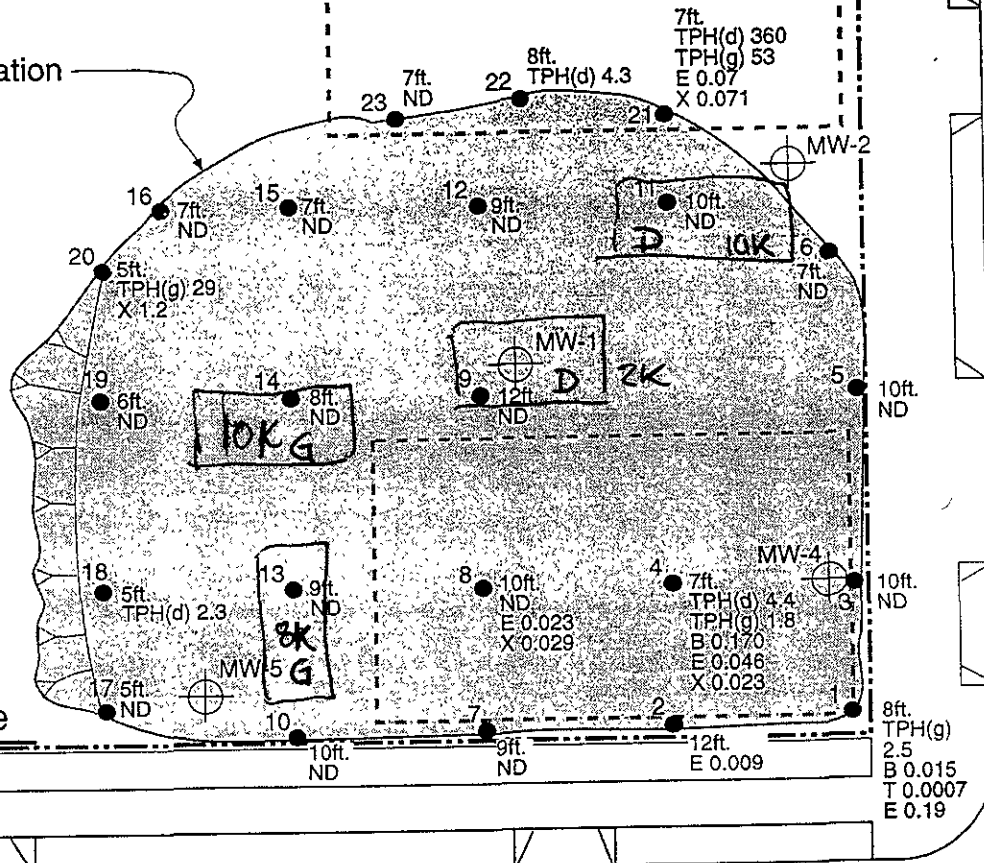
LOG OF BORING B-2
Wo Lee Food Company
208 Jackson Street
Oakland, California

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

Limit of Remedial Excavation

Madison Street

Gate

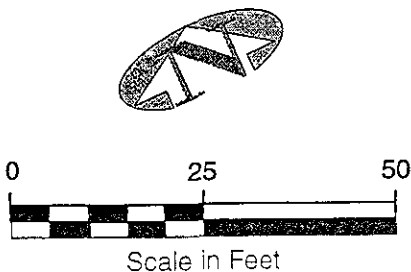


EXPLANATION

- MW-6 Monitoring Well Location
- 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 9 for complete data results



SAMPLING LOCATIONS IN REMEDIAL EXCAVATION

208 Jackson Street, Oakland, California

FIG 6

The San Joaquin Company Inc.

Project Number: 9401 114

Drawn by: GNM Date: 11/16/99

TABLE 9

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

Location Number (on Figure 6)	Sample Number	Sample Depth ft	Date Sampled	TPHd (Diesel) mg/Kg	TPHg (Gasoline) mg/Kg	Benzene 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.	1.2
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.

Note: (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).

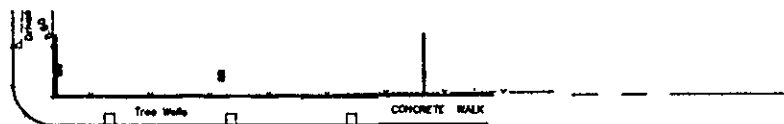
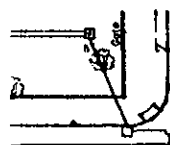
TABLE 2C

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

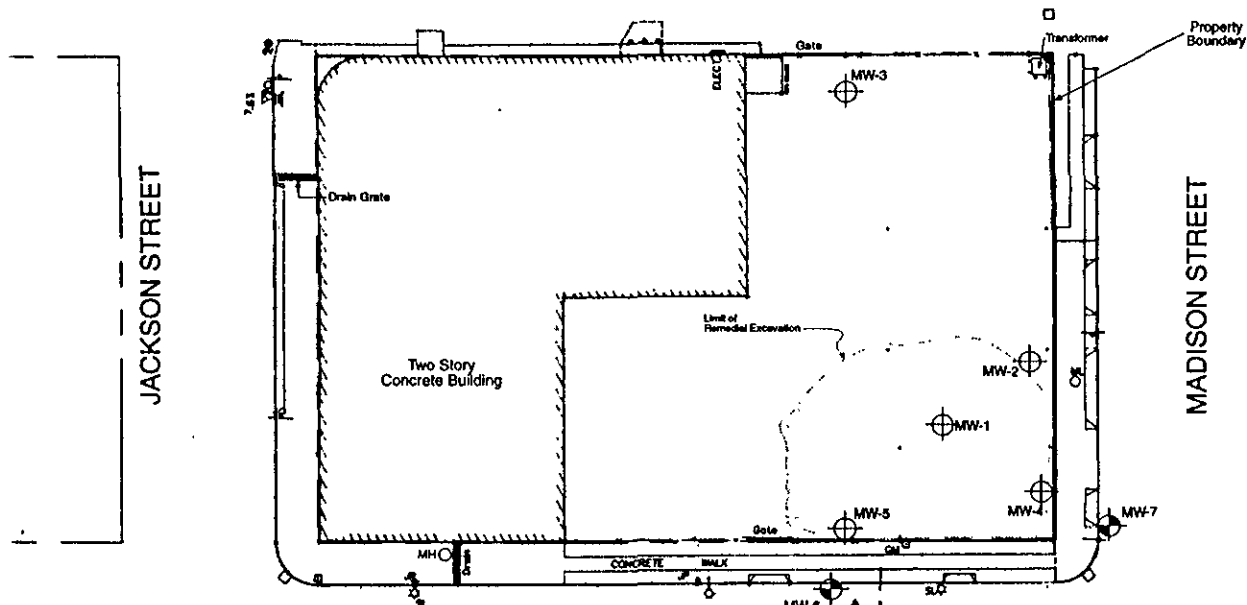
Sample No.	Date Sampled	TPHd (diesel) mg/Kg	TPHg (gasoline) mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl-benzene mg/Kg	Total Xylenes mg/Kg
A-4	11/10/98	8.8	N.D.	N.D.	N.D.	N.D.	N.D.
B-1	11/10/98	9.1	N.D.	N.D.	N.D.	N.D.	N.D.
C-2	11/10/98	140	N.D.	N.D.	N.D.	N.D.	N.D.
D-3	11/10/98	36	N.D.	N.D.	N.D.	N.D.	N.D.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

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



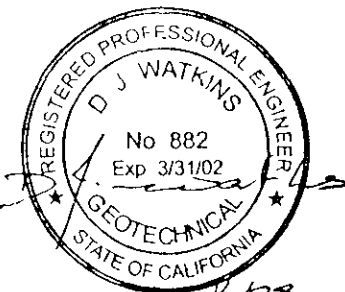
JACKSON STREET

MADISON STREET

SECOND STREET

EXPLANATION

- MW-5 Monitoring Well (closed)
- MW-7 Monitoring Well



01/28/99



WELL LOCATIONS 208 Jackson Street, Oakland, California		
FIG. 2	The San Joaquin Company, Inc.	Project Number: 9401.114
		Drawn by: GNM Date: 01/28/99

The San Joaquin Company, Inc.

Monitoring Well Log

WELL No.: MW-6

Project: Allegro @ Jack London Square

Project No.: 9401.114

Owner: SNK Development, Inc.

Location: 208 Jackson Street, Oakland, CA

Top of Casing Elevation: 5.63 ft.

Surface Elevation: 5.92 ft.

Depth to Water: 4.57 ft.

Date Installed: 12/30/98

Total depth of Boring: 15.5 ft.

Boring Diameter: 8 in.

Well Casing Diameter: 2 in.

Total depth of Well: 15.0 ft.

Casing Material: PVC

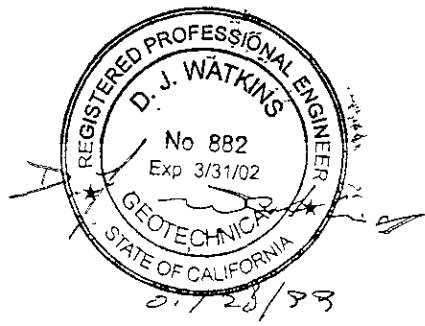
Drilling Company: Gregg Drilling & Testing, Inc.

Drilling Method: 8-inch Hollow Stem Auger

Driller: Trevor Joyner

Logged By: Dai Watkins

Depth (Feet)	Sample	Graphic Log	Description	Well Construction
0			3 inches Bituminous Macadam 6 inches Concrete	Heavy duty steel well-head box with bolted cover and O-ring seal (set in concrete)
1			Dark br. w.n, moist, medium dense, SILTY SAND (FILL)	Concrete
2		SM	No odor	2.0 feet
3			Brown, wet, loose, SILTY SAND with yellowish.brown mottling	Locking, water-tight casing cap Bentonite seal
4		SM	Static Water (01/09/99)	3.5 feet
5			Slight odor of fuel hydrocarbons	4.25 feet
6			No odor	2-16 Monterey sand filter pack
7			Brownish yellow, wet, loose, fine SAND, fine grained, subrounded, occasional gravel, little fines	2-inch diameter PVC casing with 0.02-inch aperture, machine-cut slots
8		SP	No odor	
9			No odor	
10			No odor	
11			No odor	
12			No odor	
13			No odor	
14			No odor	
15			Bottom of Boring @ 15.5 feet	14.25 feet Conical casing closure 15.0 feet



The San Joaquin Company, Inc.

Monitoring Well Log

WELL No.: MW-7

Project: Allegro @ Jack London Square

Project No.: 9401.114

Owner: SNK Development, Inc.

Location: 208 Jackson Street, Oakland, CA

Top of Casing Elevation: 5.15 ft.

Surface Elevation: 5.73 ft.

Depth to Water: 4.58 ft.

Date Installed: 12/30/98

Total depth of Boring: 15.5 ft.

Boring Diameter: 8 in.

Well Casing Diameter: 2 in.

Total depth of Well: 15.0 ft.

Casing Material: PVC

Drilling Company: Gregg Drilling & Testing, Inc.

Drilling Method: 8-inch Hollow Stem Auger

Driller: Trevor Joyner

Logged By: Dai Watkins

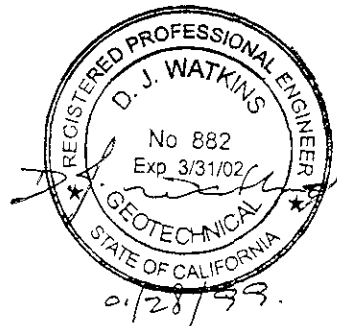
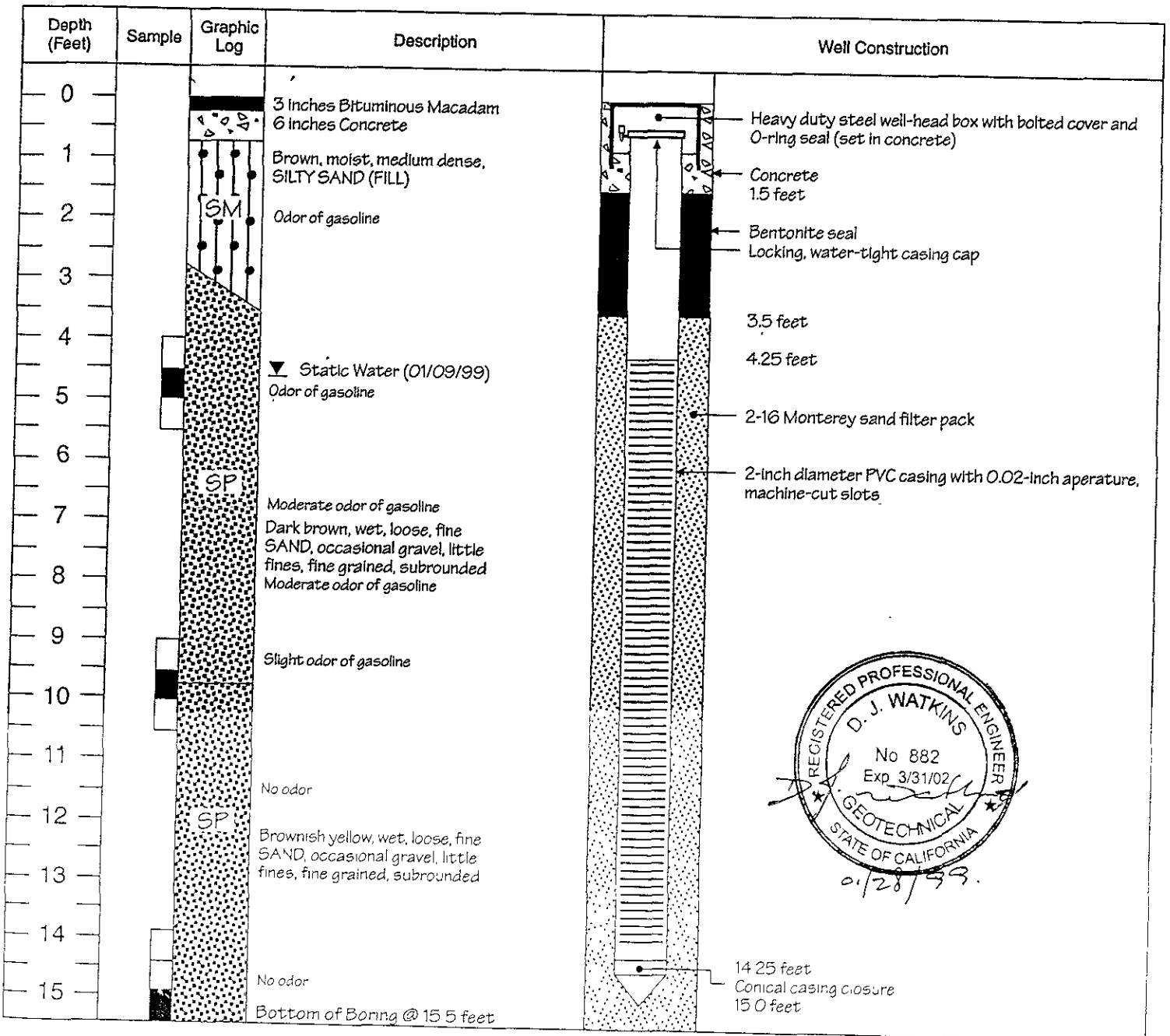


TABLE 5

RESULTS OF ANALYSES OF SAMPLES OF GROUNDWATER
RECOVERED FROM MONITORING WELLS

Well No.	Date Sampled	TPHd µg/L	TPHg µg/L	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	MTBE µg/L
MW-1	05/21/90 <i>(Well destroyed circa 1990)</i>	5,500	25000	400	440	330	650	n/a
MW-2	05/21/90 01/06/94 09/04/96 03/21/97 <i>(Well destroyed 11/23/98)</i>	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	n/a n/a ND ND
MW-3	05/21/90 01/06/94 06/03/94 09/04/96 03/21/97 <i>(Well destroyed 11/23/98)</i>	ND ND 230 (3) ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	n/a n/a n/a ND ND
MW-4	06/03/94 09/04/96 03/21/97 10/01/97 <i>(Well destroyed 08/09/98)</i>	9,800 ND ND ND	210,000 45,000 58,000 48,000	7,600 5,100 5,000 5,000	28,000 4,600 6,300 3,800	3,700 4,100 4,600 3,900	24,000 14,000 14,000 12,000	n/a ND ND ND
MW-5	06/03/94 09/04/96 03/21/97 10/01/97 <i>(Well destroyed 08/09/98)</i>	4,600 ND 690 1,800	7,800 1,600 430 1,100	3.8 14.0 4.2 0.7	6.2 3.6 ND 1.1	10.0 9.7 1.4 1.2	16.0 13.0 0.62 1.9	n/a ND ND ND
MW-6	01/09/99 04/25/99 07/25/99 10/24/99 04/20/00	ND 140 89 140 120	ND 4500 1400 370 ND	ND 26 ND 0.73 ND	ND 160 ND ND ND	ND 9.8 ND ND ND	1.70 140 ND ND ND	n.a. n.a. 1500 950 350
MW-7	01/09/99 04/25/99 07/25/99 10/24/99 04/20/00	1900 1800 1200 1300 3400	7200 4500 9100 660 8300	410 960 2000 220 1400	550 47 830 8.8 380	120 ND 610 24 310	1200 730 2000 65 1100	n.a. n.a. ND ND ND

Notes: (1) n/a = Not analyzed
(2) ND = Not Detected above the Method Detection Limit (MDL)
(3) Reported to be an anomolous result from one chromatogram peak

TABLE 5a
 RESULTS OF ANALYSES OF SAMPLES FROM
 GROUNDWATER-QUALITY MONITORING WELLS

Primary Analyses by Chromalab, Inc.

Well No.	Date Sampled	TPHd µg/L	TPHg µg/L	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	MTBE µg/L
MW-6	01/09/99	ND	ND	ND	ND	ND	1.70	n.a.
	04/25/99	140	4500	26	160	9.8	140	n.a.
	07/25/99	89	1400	ND	ND	ND	ND	1500
	10/24/99	140	370	0.73	ND	ND	ND	950
	04/20/00	120	ND	ND	ND	ND	ND	350
	10/27/00	140	67	ND	ND	ND	ND	100
	05/22/01	86	ND	ND	ND	ND	ND	11
MW-7	01/09/99	1900	7200	410	550	120	1200	n.a.
	04/25/99	1800	4500	960	47	ND	730	n.a.
	07/25/99	1200	9100	2000	830	610	2000	ND
	10/24/99	1300	660	220	8.8	24	65	ND
	04/20/00	3400	8300	1400	380	310	1100	ND
	10/27/00	1300	4700	600	190	230	420	ND
	05/22/01	750	1100	170	18	35	150	ND

Notes: (1) ND = Not detected above the Method Detection Limit (MDL)
 (2) n.a. = Not analyzed for this analyte