



Beta Associates, Inc.

Consultants in Waste Management, Environmental Control and the Geotechnical Sciences

September 4, 1987
Project 193-1.1

The Bank of California
400 California Street
San Francisco, California 94104

Attention: Mr. Daniel J. Donovan, Vice President

Subject: Phase I Soil and Ground Water
Contamination Investigation
Cut and Ready Foods
16505 Worthley Drive
San Lorenzo, California

RECEIVED
DEC 20 1988
HAZARDOUS MATERIALS/
WASTE PROGRAM

Gentlemen:

This report contains details of our efforts involved in the Phase I contamination investigation of soil and ground water at the subject site. This project consisted of an initial site visit, a field investigation, an evaluation of the results of chemical analyses performed on selected soil and ground water samples and conclusions and recommendations regarding our environmental assessment of the site.

Site Description

The subject site, approximately 3 1/2 acres, was most recently used as a potatoe processing plant and consists of a main operations building (processing building), a freezer building, a freezer addition and a storage structure. The site is situate on the southwest side of Worthley Drive in San Lorenzo, California (See Figure 1). At the time of this investigation all of the plant machinery and nearly all the equipment had been removed from the premises.

Geology

The subject site lies on the east side of San Francisco Bay, within the physiographic Bay Plain. The Bay Plain is a marshland area surrounding the San Francisco Bay which has an elevation between lower low tide and higher high tide. It is characterized by marshland and sloughs, varying in width from about one-half mile to more than three miles, and includes the original marshes that have been filled or converted to salt evaporation ponds. Bay Plain deposits chiefly consist of unconsolidated clay with irregular lenses of sand and gravel.

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In the Bay Plain of Alameda County, the principal structural feature is the Hayward fault, located approximately 3 1/2 miles northeast of the subject site. This active fault trends in a northwest direction, along the foothills of the Diablo Range.

Initial Site Visit

The Phase I contamination investigation was directed toward areas identified during an initial site visit as potential on-site sources of subsurface contamination (See Plate I). These areas include:

- 1) two underground storage tanks (2,000 and 5,000 gallon capacity) located adjacent to the south side of the processing building.
- 2) two underground storage tanks (5,000 and 10,000 gallon capacity) located in the ~~northeast~~^{west} corner of the property.
- 3) a spent cooking oil sump outside the east wall of the processing building.
- 4) a spent cooking oil sump outside the northeast corner of the processing building.
- 5) a former spent caustic secondary containment structure outside of the southwest corner of the processing building.
- 6) a former refrigerant compressor area between the processing building and the freezer room.
- 7) a former 15,000 gallon unspent cooking oil secondary containment (grease trap) between the processing building and the freezer addition.
- 8) an area indicating surface spillage of motor oil north of the freezer room.
- 9) an area east of the freezer addition exhibiting surface spillage of an oily substance.

Other areas of on-site potential sources of contamination were identified inside the processing building. These included the former caustic barrel storage area, the former caustic peeler area, the former refrigerant and hydraulic fluid compressor room and the former battery change room.



Description of Field Investigation

The Phase I field investigation was conducted in two parts. First, a portable pneumatic drill was used to sample soil near the surface or in restrictive areas. Second, a conventional drill rig was used to sample soil at depth and for the construction of ground water monitoring wells. Each exploratory boring was located to provide information regarding the areas outlined above (See Plate 1). Prior to subsurface exploration, all underground tanks and utilities were located by a professional locator service to avoid damage and ensure safety while drilling.

Following a survey with the professional locator inside the processing building, it was determined that utilities and conduits could not be adequately located due to interference from heavy reinforcement within the flooring slab. Accordingly, subsurface sampling within the processing building was excluded from the sampling program.

On June 29, 1987, five exploratory borings were drilled using the portable pneumatic drill. All soil samples were obtained from depths of 1 to 2 feet and collected in six-inch long, one-inch diameter brass liners. Each soil sample was sealed at both ends using aluminum foil with teflon caps taped securely in place, labeled and immediately transferred to a refrigerated container. All soil samples were submitted to California Water Labs of Modesto California, along with appropriate chain of custody documents. All brass liners were thoroughly steam cleaned before drilling operations. Each bore hole was sealed with a bentonite grout up to ground surface.

On July 6 and 7, 1987, eight exploratory borings were drilled at the subject site using a truck-mounted drill rig equipped with eight-inch diameter, hollow stem augers. Soil samples were obtained at five-foot intervals below the ground surface using a Modified California sampler. Soil samples were collected in four-inch long, two-inch diameter brass liners. Each soil sample was sealed at both ends using aluminum foil with teflon caps taped securely in place, labeled and immediately transferred to a refrigerated container. All soil samples were transferred to California Water Labs with appropriate chain of custody documents. Soil types and distribution were carefully logged using the Unified Soil Classification System by our engineering geologist. Drill Hole Logs are appended in Appendix A. All soil sampling equipment and augers were thoroughly steam cleaned immediately before drilling operations and between borings to prevent the transfer of contamination. In addition, soil sampling equipment was thoroughly cleaned with Trisodium Phosphate (TSP) and water between each sampling drive. Soil cuttings generated during the drilling operation were contained on site. Throughout the field investigation, no suspicious discoloration, odor, sheen or substances within the on-site soils were noted.



Several attempts to obtain soil samples from the grease trap area using both pneumatic and conventional drill rigs were thwarted by extensive foundation footings between the two adjacent buildings. However, chemical analysis of soil sampled from nearby DH-D should provide adequate information regarding subsurface conditions in this area.

but
DH-D
was not
analyzed
for TPH
or
Oil + Grease

Ground Water Monitoring Wells

Seven exploratory borings (DH-1 through DH-7) were terminated approximately 10 feet below the shallowest encountered saturated zone and converted to ground water monitoring wells (MW-1 through MW-7) by installing two-inch diameter PVC monitoring casing. The lower 10 to 15 feet of casing was installed with factory slots (slot size 0.020 inch) to allow inflow of ground water. The annular space surrounding the slotted interval was backfilled with #4 aquarium sand. A one-foot bentonite plug was placed above the sand, and the remaining annular space was filled with a concrete seal to prevent downward migration of surface water. A locking steel vault encased in a christy box was fitted on the well head to protect against damage and prevent unauthorized access. The remaining boring (DH-8) was terminated immediately above the shallowest encountered saturated zone, at a depth of 16 feet, and backfilled with a concrete seal to prevent downward migration of surface water.

?
why?

General and specific ground water monitoring well construction details are presented in Figure 2 and Table A, respectively. Ground water monitoring well and drill hole locations are illustrated on Plate I.

A clean teflon bailer was used to inspect each monitoring well for evidence of fuel product on the ground water surface after the wells had been allowed to stabilize for 24 hours and prior to well development. No evidence of fuel product was observed in any of the bailed samples. Well development and sampling was performed by California Water Labs using a positive displacement bladder pump. Ground water was extracted from each well until the discharged water became clear. Thereafter, an additional five well volumes were extracted before sampling. All equipment used for monitoring well development and sampling was steam cleaned and pump blanks were obtained. All ground water samples were submitted to California Water Labs along with appropriate chain-of-custody documents.

not
acceptable
method

Findings

Site soil conditions can generally be described as a stiff, gravelly clay fill material extending from the paved surface to a depth of approximately 5 feet overlying a discontinuous, black, organic clay of 2 to 3 feet in thickness. Below a depth of about 8 feet, a very soft, gray clay unit, at



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least 10 feet in thickness, predominates becoming stiff and gravelly toward the basal portions of the drill holes. In the ^{west} northeast corner of the site, a clayey sand unit was encountered at a depth of 17 1/2 feet which is laterally discontinuous at this depth.

[REDACTED]

indicating that the shallow aquifer is, for the most part, locally confined. A definite ground water gradient could not be determined from water level measurements possibly due to the flatness of the ground water surface and/or influencing tidal fluctuations. A summary of monitoring well data is presented in Table B.

Chemical Analyses

Results of chemical analyses performed on soil and ground water samples are presented in Appendices B and C, respectively. Concentrations detected in soil and ground water samples are presented in tabular form in Tables C and D, respectively.

Soil samples obtained from DH-1, DH-2, DH-4, DH-5, DH-6 and DH-C were analyzed for total petroleum hydrocarbons, benzene, toluene and xylene (TPH/BTX) using procedures set forth by the California Regional Water Quality Control Board (San Francisco Bay Region) Guidelines for Addressing Fuel Leaks (September, 1985). Soil samples from DH-D were analyzed for halogenated volatile organics using EPA Test Method 8010. Soil samples obtained from DH-7 and DH-8 were analyzed for halogenated and aromatic volatile organics using EPA Test Methods 8010/8020. Soil samples from DH-8 were additionally analyzed for semi-volatile organics (base, neutrals and acids) using EPA Test Method 8270 and organochlorine pesticides and PCB's using EPA Test Method 8080. Soil pH was measured in samples from DH-3, DH-7, DH-8 and DH-E.

high + low boilers?

not oil + grease?

why?

[REDACTED]

not hydrocarbons or etc?

OK



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Results of chemical analyses indicate minor concentrations of motor oil in [redacted] from three areas;

- 1) the underground storage tanks south of the processing building [redacted]
- 2) the area north of the freezer room ([redacted] and DH-B @ 1', respectively) and [redacted]
- 3) the area east of the freezer addition [redacted]

In addition, minor concentrations of petroleum hydrocarbon constituent were also detected (30 ppb xylene in DH-A @ 1', 170 ppb toluene and 400 ppb xylene in DH-C @ 1'). No other constituents were detected in any of the remaining soil samples.

[redacted] The Action Level for drinking water recommended by the State of California Department of Health Services for 1,2 Dichloroethane is 1.0 ppb (January, 1987).

Concentrations of total lead detected in ground water ranged from 0.020 to 0.025 ppb. The maximum contaminant limit recommended for drinking water (Federal Standards) for lead is 0.05 ppb. No other constituents of concern were detected in ground water.

Conclusions/Recommendations

Since near surface soil samples were obtained from locations representing the most severe evidence of motor oil surface spillage (from areas north of the freezer room and east of the freezer addition) the concentrations detected represent "worst case" conditions for these areas. Since the concentrations detected were relatively minor and originated from an abated source, we conclude that they do not pose a health threat to the environment nor warrant further investigation. The minor concentrations of motor oil detected in soil samples obtained from areas adjacent to the underground storage tanks south of the processing building exhibit no evidence of belonging to a larger problem and do not appear to have adversely affected the underlying ground water. Based on these findings, we recommend no further investigation.



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The results of soil pH analyses used to investigate on-site areas associated with the use of caustics (DH-E @ 2', DH-3 @ 5', DH-7 @ 4.5' and 10' and DH-8 @ 5' and 10') indicate values between 7.0 and 9.1. These values of soil pH do not meet the applicability criteria for the identification of hazardous waste (22 Cal. Admin. Code 66708) and appear to represent normal values prevalent in most soils. The minor concentration of 1,2-Dichloroethane detected in ground water samples from MW-1 (0.9 ppb) does not constitute a health threat since it is below recommended action levels established by the State Department of Health Services. To determine the possible source of this contaminant additional ground water samples and analysis would be necessary along with a more accurate determination of ground water gradient. Based on the concentration detected so far, however, no further investigation is warranted.

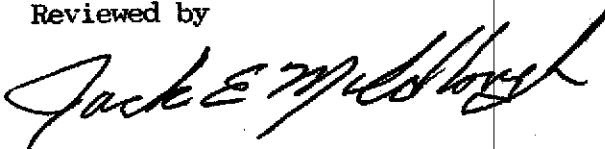
If you have any questions, please call me at (408) 978-1514.

Respectfully submitted,

BETA ASSOCIATES, INC.


Alfred R. Diaz
Project Geologist

Reviewed by


Jack E. McCollough
Registered Geologist #1559
Certified Engineering Geologist #905

ARD/JEM/pcf



The following figures, tables, appendices and plate are attached and complete the report.

Figures

1. Location Map
2. Monitoring Well Construction

Tables

- A. Monitoring Well Construction Details
- B. Summary of Monitoring Well Data
- C. Chemical Analyses of Soil Samples (2 Pages)
- D. Chemical Analyses of Ground Water Samples

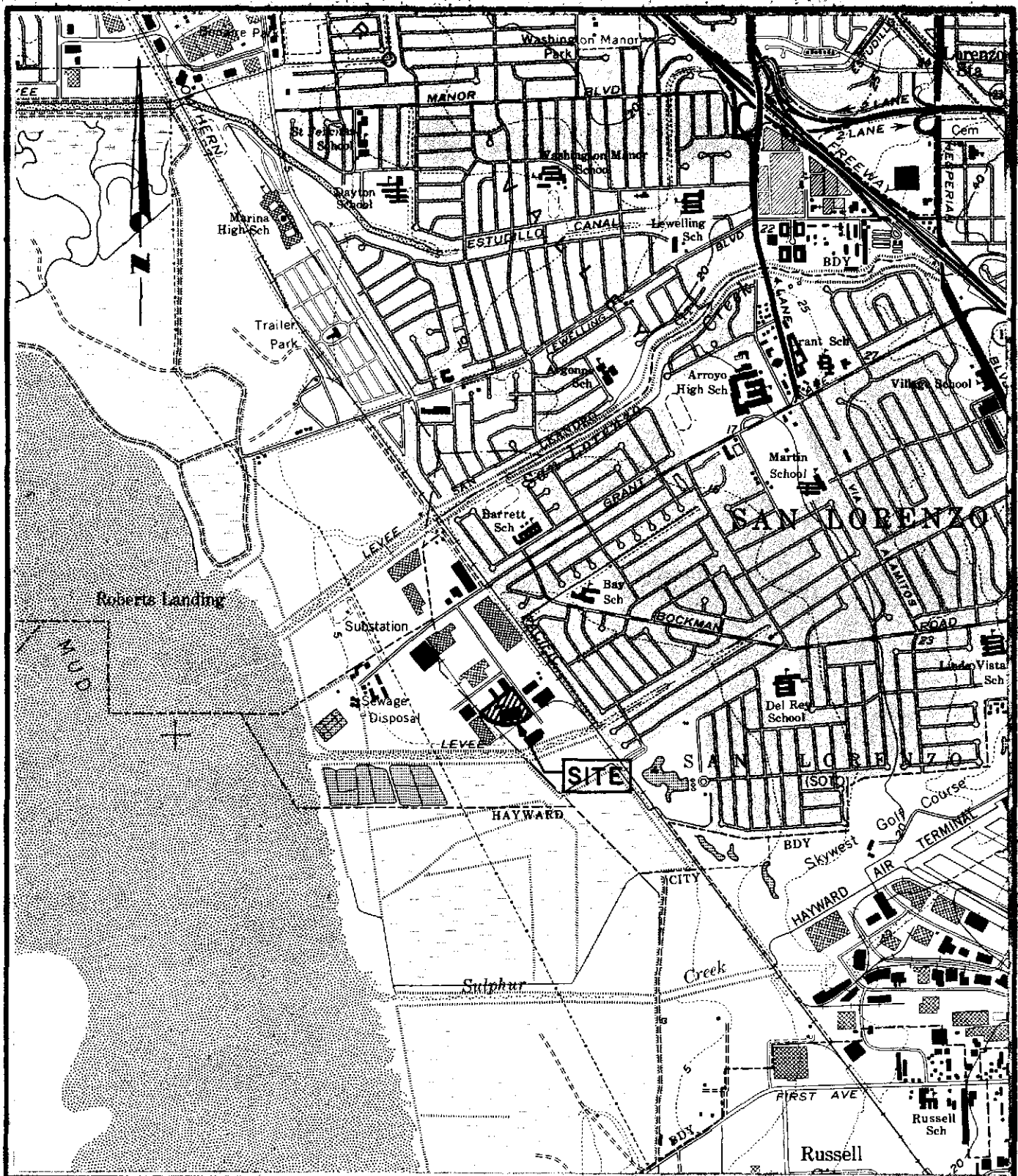
Appendices

- A. Drill Hole Logs
- B. Chemical Analyses of Soil Samples
- C. Chemical Analyses of Ground Water Samples

Plate

1. Site Plan





BASE MAP REF: U.S.G.S 7.5 minute San Leandro quadrangle, photorevised 1980

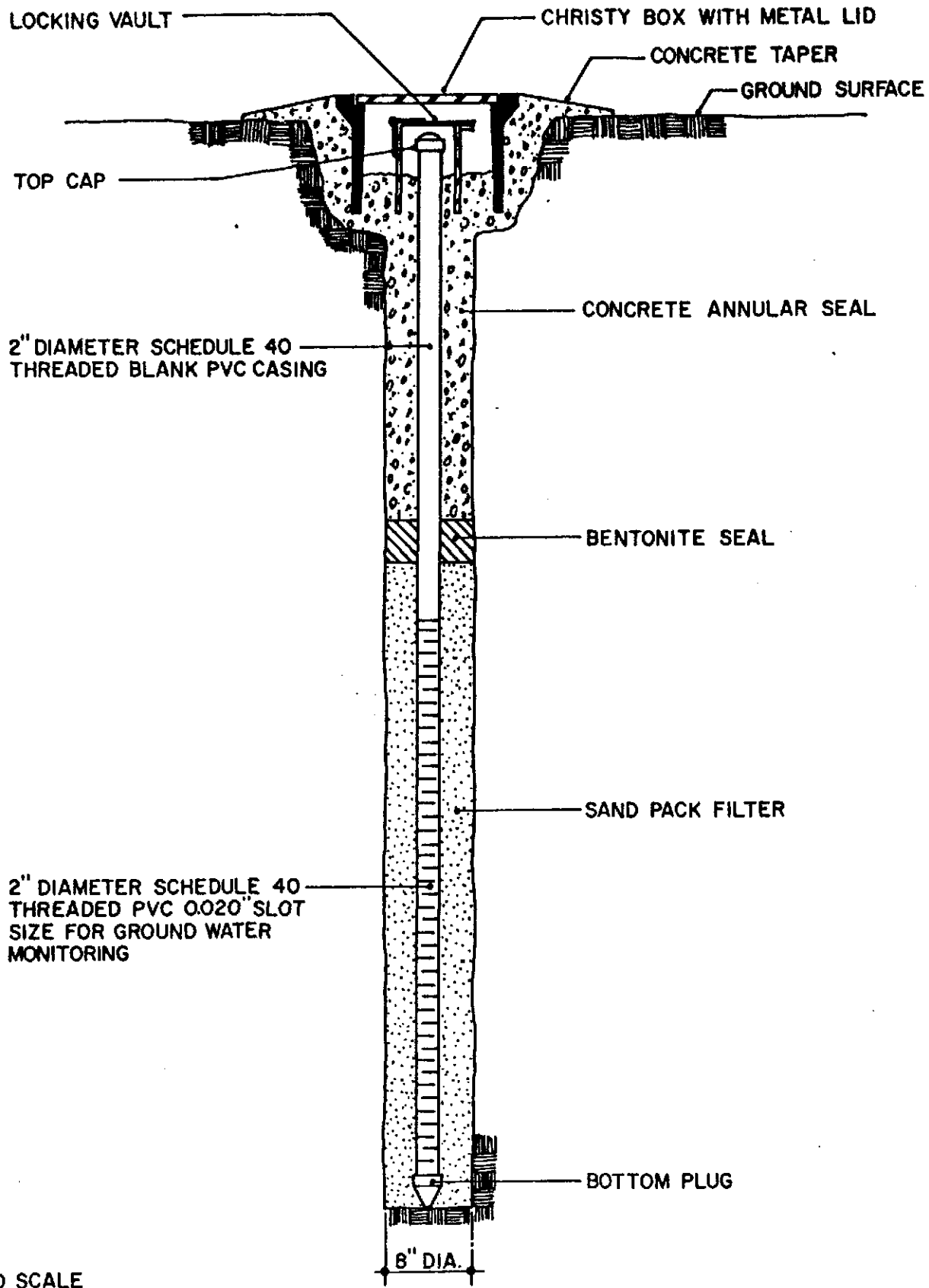
SCALE: 1" = 2000'

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LOCATION MAP
 CUT AND READY FOODS
 16505 WORTHLEY DRIVE
 SAN LORENZO, CALIFORNIA

FIGURE
 1

193-1.1
 8-87



NOT TO SCALE

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MONITORING WELL CONSTRUCTION
 CUT AND READY FOODS
 16505 WORTHLEY DRIVE
 SAN LORENZO, CALIFORNIA

FIGURE 2
 193-1.1
 Aug. 1987

TABLE A

MONITORING WELL CONSTRUCTION DETAILS

MONITORING WELL	BOREHOLE DIAMETER (inches)	DEPTH OF BOREHOLE (feet)	CASING DIAMETER (inches)	SCREENED INTERVAL (feet)	FILTER PACK INTERVAL (feet)	BENTONITE SEAL INTERVAL (feet)	CONCRETE SEAL LENGTH (feet)
MW-1	8	24.5	2	9.5-24.5	7.5-24.5	6.5-7.5	6.5
MW-2	8	24.5	2	9.5-24.5	7.5-24.5	6.5-7.5	6.5
MW-3	8	19.5	2	9.5-19.5	7.5-19.5	6.5-7.5	6.5
MW-4	8	21.0	2	10.0-21.0	7.0-21.0	6.0-7.0	6.0
MW-5	8	21.0	2	11.0-21.0	9.0-21.0	8.0-9.0	8.0
MW-6	8	19.5	2	9.5-19.5	7.5-19.5	6.5-7.5	6.5
MW-7	8	19.5	2	9.5-19.5	7.5-19.5	6.5-7.5	6.5
DH-8	8	16.0	-----NOT A MONITORING WELL-----				16.0

TABLE B
SUMMARY OF MONITORING WELL DATA

MONITORING WELL	WELL RIM ELEVATION ¹	DEPTH TO GW SURFACE (feet) ²	GROUND WATER ELEVATION
MW-1	9.90	6.10	3.80
MW-2	9.25	6.35	2.90
MW-3	10.60	6.60	4.0
MW-4	10.80	7.30	3.50
MW-5	10.40	7.40	4.0
MW-6	10.20	6.70	3.50
MW-7	11.50	7.20	4.30

¹ Elevations estimated from Site Plan by Simpson, Strata and Associates, dated 11/20/67.

² Measured 8/21/87

TABLE C
Chemical Analyses of Soil Samples

Chemical Analysis	DH-1 @ 10'	DH-2 @ 15'	DH-3 @ 5'	DH-4 @ 10'	DH-5 @ 15'	DH-6 @ 5'	DH-7 @ 4.5' 10'	DH-8 @ 5' 10'		
EPA Method 8010 Halogenated Volatile Organics	-----	-----	-----	-----	-----	-----	-----	ND	-----	ND
EPA Method 8020 Aromatic Volatile Organics	-----	-----	-----	-----	-----	-----	-----	ND	-----	ND
EPA Method 8270 Semi-Volatile Organics	-----	-----	-----	-----	-----	-----	-----	-----	ND	-----
EPA Method 8080 Organochlorine Pesticides and PCB's	-----	-----	-----	-----	-----	-----	-----	-----	ND	-----
Total Petroleum Hydrocarbons										
Motor Oil (ppm)	ND	ND	-----	13	36	ND	-----	-----	-----	-----
Gasoline (ppm)	ND	ND	-----	-----	ND	ND	-----	-----	-----	-----
Diesel (ppm)	ND	ND	-----	-----	ND	ND	-----	-----	-----	-----
Kerosene (ppm)	ND	ND	-----	-----	ND	ND	-----	-----	-----	-----
Benzene (ppb)	ND	ND	-----	ND	ND	ND	-----	-----	-----	-----
Toluene (ppb)	ND	ND	-----	ND	ND	ND	-----	-----	-----	-----
Xylene (ppb)	ND	ND	-----	ND	ND	ND	-----	-----	-----	-----
pH	-----	-----	7.0	-----	-----	-----	8.3	8.3	8.4	9.1

ND = None Detected

TABLE C (continued)
 Chemical Analyses of Soil Samples
 (Pneumatic Drill Holes)

Chemical Analysis	DH-A @ 1'	DH-B @ 1'	DH-C @ 1'	DH-D @ 1'	DH-E @ 2'
EPA Method 8010 Halogenated Volatile Organics	-----	-----	-----	ND	-----
Total Petroleum Hydrocarbons					
Motor Oil (ppm)	14	70	120	-----	-----
Gasoline (ppm)	-----	-----	ND	-----	-----
Diesel (ppm)	-----	-----	ND	-----	-----
Kerosene (ppm)	-----	-----	ND	-----	-----
Benzene (ppb)	ND	ND	ND	-----	-----
Toluene (ppb)	ND	ND	170	-----	-----
Xylene (ppb)	30	ND	400	-----	-----
pH	-----	-----	-----	-----	7.3

ND = None Detected

TABLE D
Chemical Analyses of Ground Water Samples

Chemical Analyses	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
EPA Method 601 Purgeable Halocarbons	*	-----	ND	-----	ND	-----	ND
EPA Method 602 Purgeable Aromatics	-----	-----	ND	-----	-----	-----	ND
EPA Method 625 Base, Neutrals, and Acids	-----	-----	ND	-----	-----	-----	ND
EPA Method 608 Pesticides and PCB's	-----	-----	ND	-----	-----	-----	ND
Total Petroleum Hydrocarbons	ND	ND	-----	ND	ND	ND	-----
Benzeze, Toulene and Xylene (BTX)	ND	ND	-----	ND	ND	ND	-----
Ethylene Dibromide (EDB)	ND	ND	-----	ND	ND	ND	-----
Total Lead (mg/L)	.020	.020	-----	.025	.020	.024	-----
pH	-----	-----	7.3	-----	-----	-----	-----

* = 0.9 ppb 1,2- Dichloroethane detected

ND = None Detected

EXPLORATION DRILL HOLE LOG

HOLE No.
DH-1

PROJECT
CJT AND READY FOODS

DATE 07/06/87

LOGGED BY FD

DRILL RIG
CME-55

HOLE DIA. 8"

SAMPLER Modified California

GROUNDWATER DEPTH INITIAL 11.5'

FINAL 7.3'

HOLE ELEV. --

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (psf)	TORVANE (psf)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psf)	
Asphalt concrete and baserock.		1											
CLAY, greenish brown, damp, stiff, gravelly.	CL	2											
		3											
		4	X		7								
		5											
		6	X		8								
(Fill) (Native) CLAY, black, moist, stiff. Organics, wood fragments.	OI	7											
CLAY, dark grey, moist, very soft. Organics, root holes.	CH	8											
		9											
		10											
		11	X		0								
CLAY, grey, moist, stiff, gravelly.	CI	12											
		13											
		14											
		15											
		16	X		15								
SAND, brown, wet, loose, clayey.	SC	17											
		18											
		19											
		20											

EXPLORATION DRILL HOLE LOG

HOLE No. **DR-1**

PROJECT **CUT AND READY FOODS**

DATE **07/06/87**

LOGGED BY **FD**

DRILL RIG **CME-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **11.5'** FINAL **7.3'**

HOLE ELEV. **---**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (psi)	TORVANE (psi)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psf)
Bottom of Drill Hole @ 24.5 feet Ground Water Encountered @ 11.5 feet.		21	X	5								
		22										
		23										
		24										
		25										
		26										
		27										
		28										
		29										
		30										
		31										
		32										
		33										
		34										
		35										
		36										
		37										
		38										
		39										

EXPLORATION DRILL HOLE LOG

HOLE No. **DH-2**

PROJECT **CUT AND READY FOODS**

DATE **07/06/87**

LOGGED BY **FD**

DRILL RIG **CME-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **16.0'** FINAL **7.2'**

HOLE ELEV. **---**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN.(in)	TORVANE(%)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN(%)	UNCONFINED SHEAR STRENGTH(psf)
Asphalt concrete and Baserock.		1										
CLAY, greenish brown, damp, stiff, gravelly.	CL	2										
		3	X		8							
		4										
		5	X									
(Fill) CLAY, black, moist, stiff. Organics, wood fragments.	OI	6		11								
		7										
CLAY, dark grey, moist, very soft. Organics, root holes.	CH	8										
		9										
		10										
		11	X		0							
CLAY, grey, moist, stiff, gravelly.	CI	12										
		13										
		14										
		15										
		16	X		10							
		17										
		18										
		19										
		20										

EXPLORATION DRILL HOLE LOG

HOLE No. **DH-2**

PROJECT **CUT AND READY FOODS**

DATE **07/06/87**

LOGGED BY **FD**

DRILL RIG **CME-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **16.0'**

FINAL **7.2'**

HOLE ELEV. **---**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (tsf)	TORVANE (tsf)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psi)
		21	X	4								
		22										
		23										
		24										
Bottom of Drill Hole @ 24.5 feet Ground Water Encountered @ 16.0 feet.		25										
		26										
		27										
		28										
		29										
		30										
		31										
		32										
		33										
		34										
		35										
		36										
		37										
		38										
		39										

EXPLORATION DRILL HOLE LOG

HOLE No.
DH-3

PROJECT **CUT AND READY FOODS**

DATE **07/07/87**

LOGGED BY **FD**

DRILL RIG **CME-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **10.0'** FINAL

HOLE ELEV. **--**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN.(tsf)	TORVANE(%)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN(%)	UNCONFINED SHEAR STRENGTH(psf)	
Asphalt concrete and baserock.		1											
CLAY, greenish brown, damp, stiff, gravelly.	CL	2											
		3											
		4											
		5											
(Fill) (Native)													
CLAY, black, moist, stiff. Organics wood fragments.	OI	6	X	13									
		7											
CLAY, dark grey, moist, very soft. Organics, root holes.	CH	8											
		9											
		10											
		11	X	0									
		12											
		13											
CLAY, brown, moist, very stiff, gravelly.	CI	14											
		15											
		16											
Bottom of Drill Hole @ 19.5 feet Ground Water Encountered @ 10.0 feet.		17											
		18											
		19											
		20											

EXPLORATION DRILL HOLE LOG

HOLE No. **DH-4**

PROJECT CUT AND READY FOODS

DATE 07/07/87 LOGGED BY FD

DRILL RIG CME-55

HOLE DIA. 8" SAMPLER Modified California

GROUNDWATER DEPTH INITIAL 12.0' FINAL

HOLE ELEV. --

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (tsf)	TORVANE (tsf)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psf)
Asphalt and baserock.		1										
CLAY, greenish brown, damp, stiff, gravelly.	CL	2										
(Fill)		3										
(Native)		4										
CLAY, greenish brown, damp, stiff, very sandy. Organics. Wood fragments.	CL	5	X	15								
		6										
		7										
CLAY, dark grey, moist, very soft. Organics, root holes.	CH	8										
		9										
		10	X									
		11		2								
		12										
CLAY, grey, moist, stiff gravelly.	CI	13										
		14										
		15										
		16	X	11								
		17										
CLAY, brown, wet, stiff, silty.	CI	18										
		19										
		20										

EXPLORATION DRILL HOLE LOG

HOLE No.
DH-4

PROJECT CUT AND READY FOODS

DATE 07/07/87

LOGGED BY FD

DRILL RIG CME-55

HOLE DIA. 8"

SAMPLER Modified California

GROUNDWATER DEPTH INITIAL 12.0' **FINAL**

HOLE ELEV. __

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (lbf)	TORVANE (lbf)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psf)
Bottom of Drill Hole at 21.0 feet. Ground water encountered at 12.0 feet.		21	X	2								
		22										
		23										
		24										
		25										
		26										
		27										
		28										
		29										
		30										
		31										
		32										
		33										
	34											
	35											
	36											
	37											
	38											
	39											

EXPLORATION DRILL HOLE LOG

HOLE No. **DH-5**

PROJECT **CUT AND READY FOODS**

DATE **07/07/87**

LOGGED BY **FD**

DRILL RIG **CME-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **15.0'** FINAL

HOLE ELEV. **---**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (1-1/2)	TORVANE (1-1/2)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psi)
Asphalt concrete and baserock.		1										
CLAY, greenish brown, damp, stiff, gravelly. (Fill)	CL	2										
(Native)	CL	3										
CLAY, greenish brown, damp, stiff, very sandy. Organics, wood fragments.	CL	4										
		5										
		6	X	11								
		7										
		8										
CLAY, gark grey, moist, very soft. Organics.	CH	9										
		10										
		11	X	2								
		12										
		13										
		14										
Stiff at 15.0 feet.		15										
		16	X	10								
		17										
		18										
		19										
		20										

EXPLORATION DRILL HOLE LOG

HOLE No.
DH-5

PROJECT **CUT AND READY FOODS**

DATE **07/07/87**

LOGGED BY **FD**

DRILL RIG **CME-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **15.0'**

FINAL

HOLE ELEV. **__**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN.(in)	TORVANE(in)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN(%)	UNCONFINED SHEAR STRENGTH(psf)
Bottom of Drill Hole at 21.0 feet. Ground water encountered at 15.0 feet.		21		5								
			22									
			23									
			24									
			25									
			26									
			27									
			28									
			29									
			30									
			31									
			32									
			33									
			34									
			35									
			36									
			37									
			38									
			39									

EXPLORATION DRILL HOLE LOG

HOLE No.
DH-6

PROJECT **CUT AND READY FOODS**

DATE **07/07/87**

LOGGED BY **FD**

DRILL RIG **CME-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **9.5'**

FINAL

HOLE ELEV. **__**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN.(psi)	TORVANE(psi)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN(%)	UNCONFINED SHEAR STRENGTH(psf)		
Asphalt concrete and baserock.		1												
CLAY, greenish brown, damp, stiff, gravelly.	CL	2												
		3												
		4												
		5												
(Fill) CLAY, black, moist, stiff. Organics. Wood fragments.	OH	6	X	18										
CLAY, dark grey, moist, very soft. Organics, root holes.	CH	7												
		8												
		9												
		10												
		11												
		12												
		13												
		14												
		15												
		16												
		17												
		18												
		Bottom of Drill Hole at 19.5 feet. Ground Water Encountered at 9.5 feet.		19										
				20										

EXPLORATION DRILL HOLE LOG

HOLE No. **DH-7**

PROJECT **CUT AND READY FOODS**

DATE **07/07/87**

LOGGED BY **FD**

DRILL RIG **CMR-55**

HOLE DIA. **8"**

SAMPLER **Modified California**

GROUNDWATER DEPTH INITIAL **10.5'** FINAL

HOLE ELEV. **---**

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (tsf)	TORVANE (tsf)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psf)
Asphalt and baserock.		1										
CLAY, greenish brown, damp, stiff, gravelly.	CL	2										
		3										
CLAY, greenish brown, damp, stiff, sandy.	CL	4										
(Fill)			X									
(Native)												
CLAY, black, moist, stiff. Organics, wood fragments.	OH	5		10								
		6										
		7										
		8										
CLAY, dark grey, moist, very soft. Organics, root holes.	CH	9										
		10										
		11	X	0								
		12										
		13										
		14										
		15										
		16										
CLAY, brown, wet, stiff, silty.	CI	17										
		18										
Bottom of Drill Hole at 19.5 feet. Ground Water Encountered at 10.5 feet.		19										
		20										

EXPLORATION DRILL HOLE LOG

HOLE No.
DH-8

PROJECT CUT AND READY FOODS

DATE 07/07/87

LOGGED BY FD

DRILL RIG CME-55

HOLE DIA. 8"

SAMPLER Modified California

GROUNDWATER DEPTH INITIAL 15.0'

FINAL

HOLE ELEV. ---

DESCRIPTION	SOIL TYPE	DEPTH	SAMPLE	BLOWS PER FOOT	POCKET PEN. (in)	TORVANE (in)	LIQUID LIMIT	WATER CONTENT	PLASTIC LIMIT	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED SHEAR STRENGTH (psf)
Asphalt concrete and baserock.		1										
CLAY, brown, damp, stiff, gravelly.	CL	2										
		3										
		4										
		5	X		11							
		6										
(Fill) (Native)												
CLAY, black, moist, stiff. Organics, wood fragments.	OI	7										
		8										
CLAY, dark grey, moist very soft. Organics, root holes.	CH	9										
		10	X		0							
		11										
		12										
		13										
		14										
		15				11						
		16										
Bottom of Drill Hole at 16.0 feet. Ground Water Encountered at 15.0 feet.		17										
		18										
		19										
		20										

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH A at 1'
Collected by: Fred Diaz

Lab I.D. P-47860
Purchase Order 193-1.1
Referring Lab
Date Collected unknown

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

<u>Compound</u>	<u>Result (ug/kg)</u>
Benzene	ND, < 10
Toluene	ND, < 10
Xylene	30
Motor Oil	14 mg/kg

Date Received 7-1-87
Date Started 7-11-87
Date Completed 7-13-87

By: Richard M...

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH B at 1'
Collected by: Fred Diaz

Lab I.D. P-47861
Purchase Order 193-1.1
Referring Lab _____
Date Collected unknown

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

<u>Compound</u>	<u>Result (ug/kg)</u>
Benzene	ND, < 10
Toluene	ND, < 10
Xylene	ND, < 10
Motor Oil	70 mg/kg

Date Received 7-1-87
Date Started 7-11-87
Date Completed 7-13-87

By: *Richard M. ...*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH C at 1'
Collected by: Fred Diaz

Lab I.D. P-47862
Purchase Order 193-1.1
Referring Lab
Date Collected unknown

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

<u>Compound</u>	<u>Result (ug/kg)</u>
Benzene	ND, < 10
Toluene	170
Xylene	400
Motor Oil	120 mg/kg
Gasoline	ND, < 1 mg/kg
Diesel	ND, < 10 mg/kg
Kerosene	ND, < 10 mg/kg

Date Received 7-1-87
Date Started 7-11-87
Date Completed 7-13-87

By: *Richard [Signature]*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH D at 1' refrigerant
Collected by: Fred Diaz

Lab I.D. P-47863
Purchase Order 193-1.1
Referring Lab _____
Date Collected unknown

CUT & READY FOODS

225 HALOGENATED/AROMATIC VOLATILE ORGANICS: SOLID MATRICES (METHODS 8010/8020)

COMPOUND	RESULTS ug/kg	DET. LIMIT	COMPOUND	RESULTS ug/kg	DET. LIMIT
CHLOROMETHANE	ND	2.5	1,2-DICHLOROPROPANE	ND	2.5
DICHLORODIFLUOROMETHANE	ND	2.5	TRANS-1,3-DICHLOROPROPENE	ND	2.5
BROMOMETHANE	ND	2.5	TRICHLOROETHYLENE	ND	2.5
VINYL CHLORIDE	ND	5.0	DIBROMOCHLOROMETHANE	ND	2.5
CHLOROETHANE	ND	2.5	CIS-1,3-DICHLOROPROPENE	ND	2.5
METHYLENE CHLORIDE	ND	2.5	1,1,2-TRICHLOROETHANE	ND	2.5
TRICHLOROFLUOROMETHANE	ND	2.5	BROMOFORM	ND	2.5
1,1-DICHLOROETHENE	ND	1.0	1,1,2,2-TETRACHLOROETHANE	ND	2.5
1,1-DICHLOROETHANE	ND	2.5	TETRACHLOROETHENE	ND	2.5
TRANS-1,2-DICHLOROETHENE	ND	2.5	CHLOROBENZENE	ND	2.5
CHLOROFORM	ND	2.5	1,2-DICHLOROBENZENE	ND	2.5
1,2-DICHLOROETHANE	ND	2.5	1,3-DICHLOROBENZENE	ND	2.5
1,1,1-TRICHLOROETHANE	ND	2.5	1,4-DICHLOROBENZENE	ND	2.5
CARBON TETRACHLORIDE	ND	2.5	BENZENE	ND	10.0
BROMODICHLOROMETHANE	ND	2.5	ETHYL BENZENE	ND	10.0
2-CHLOROETHYL VINYL ETHER	ND	5.0	TOLUENE	ND	10.0
			XYLENE	ND	20.0

(Sample prepared using Method 5030 for purge and trap.)

Date Received 7-1-87
Date Started 7-2-87
Date Completed 7-6-87

Ref: SW-846

By: Richard M. [Signature]

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH-E at 2' caustic
Collected by: Fred Diaz

Lab I.D. P-47864
Purchase Order 193-1.1
Referring Lab _____
Date Collected unknown

CUT & READY FOODS

pH
Std. Units

7.3

Date Received 7-1-87
Date Started 7-1-87
Date Completed 7-6-87

By: Richard Morrison

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 1 at 10'
Collected by: Fred Diaz

Lab I.D. P-48277
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-7-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/kg)	DETECTION LIMIT (ug/kg)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
GASOLINE	ND	1.0
DIESEL	ND	1.0
KEROSENE	ND	1.0
MOTOR OIL	ND	10.0
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-9-87
Date Started 7-16-87
Date Completed 7-29-87

By: *[Signature]*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 2 at 15'
Collected by: Fred Diaz

Lab I.D. P-48278
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-7-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/kg)	DETECTION LIMIT (ug/kg)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
GASOLINE	ND	1.0
DIESEL	ND	1.0
KEROSENE	ND	1.0
MOTOR OIL	ND	10.0
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-9-87
Date Started 7-16-87
Date Completed 7-29-87

By: *Fred Diaz*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 4 at 10'
Collected by: Fred Diaz

Lab I.D. P-48280
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-7-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/kg)	DETECTION LIMIT (ug/kg)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
GASOLINE	ND	1.0
DIESEL	ND	1.0
KEROSENE	ND	1.0
MOTOR OIL	13	10.0
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	not applicable	1.0

Date Received 7-9-87
Date Started 7-16-87
Date Completed 7-29-87

By: *Fred Diaz*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE -- SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 5 at 1 5'
Collected by: Fred Diaz

Lab I.D. P-48281
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-7-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/kg)	DETECTION LIMIT (ug/kg)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
GASOLINE	ND	1.0
DIESEL	ND	1.0
KEROSENE	ND	1.0
MOTOR OIL	36	10.0
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	not applicable	1.0

Date Received 7-9-87
Date Started 7-16-87
Date Completed 7-29-87

By: *Richard D. ...*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Surveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 6 at 5'
Collected by: Fred Diaz

Lab I.D. P-48282
Purchase Order 193-1.1
Referring Lab
Date Collected 7-7-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/kg)	DETECTION LIMIT (ug/kg)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
GASOLINE	ND	1.0
DIESEL	ND	1.0
KEROSENE	ND	1.0
MOTOR OIL	ND	10.0
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-9-87
Date Started 7-16-87
Date Completed 7-29-87

By: *Fred Diaz*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 7 at 10'
Collected by: Fred Diaz

Lab I.D. P-48284
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-7-87

CUT & READY FOODS

225 HALOGENATED/AROMATIC VOLATILE ORGANICS: SOLID MATRICES (METHODS 8010/8020)

COMPOUND	RESULTS ug/kg	DET. LIMIT	COMPOUND	RESULTS ug/kg	DET. LIMIT
CHLOROMETHANE	ND	2.5	1,2-DICHLOROPROPANE	ND	2.5
DICHLORODIFLUOROMETHANE	ND	2.5	TRANS-1,3-DICHLOROPROPENE	ND	2.5
BROMOMETHANE	ND	2.5	TRICHLOROETHYLENE	ND	2.5
VINYL CHLORIDE	ND	5.0	DIBROMOCHLOROMETHANE	ND	2.5
CHLORETHANE	ND	2.5	CIS-1,3-DICHLOROPROPENE	ND	2.5
METHYLENE CHLORIDE	ND	2.5	1,1,2-TRICHLOROETHANE	ND	2.5
TRICHLOROFLUOROMETHANE	ND	2.5	BROMOFORM	ND	2.5
1,1-DICHLOROETHENE	ND	1.0	1,1,2,2-TETRACHLOROETHANE	ND	2.5
1,1-DICHLOROETHANE	ND	2.5	TETRACHLOROETHENE	ND	2.5
TRANS-1,2-DICHLOROETHENE	ND	2.5	CHLOROBENZENE	ND	2.5
CHLOROFORM	ND	2.5	1,2-DICHLOROBENZENE	ND	2.5
1,2-DICHLOROETHANE	ND	2.5	1,3-DICHLOROBENZENE	ND	2.5
1,1,1-TRICHLOROETHANE	ND	2.5	1,4-DICHLOROBENZENE	ND	2.5
CARBON TETRACHLORIDE	ND	2.5	BENZENE	ND	10.0
BROMODICHLOROMETHANE	ND	2.5	ETHYL BENZENE	ND	10.0
2-CHLOROETHYL VINYL ETHER	ND	5.0	TOLUENE	ND	10.0
			XYLENE	ND	20.0

(Sample prepared using Method 5030 for purge and trap.)

Date Received 7-9-87
Date Started 7-23-87
Date Completed 7-24-87

Ref: SW-846

By: Fred Diaz

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Peta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 8 at 5'
Collected by: Fred Diaz

Lab I.D. P-48285
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-6-87

CUT & READY FOODS

METHOD 8270

GC/MS METHOD FOR SEMI VOLATILE ORGANICS

COMPOUND	RESULT ug/kg	DETECTION LIMIT
1,3-Dichlorobenzene	ND	1000
1,4-Dichlorobenzene	ND	1000
Hexachloroethane	ND	1000
Bis (2-chloroethyl) ether	ND	1000
1,2-Dichlorobenzene	ND	1000
Bis (2-chloroisopropyl) ether	ND	1000
N-Nitrosodi-n-propyl amine	ND	1000
Nitrobenzene	ND	1000
Hexachlorobutadiene	ND	1000
1,2,4-Trichlorobenzene	ND	1000
Isophorone	ND	1000
Naphthalene	ND	1000
Bis (2-chloroethoxy) methane	ND	1000
Hexachlorocyclopentadiene	ND	1000
2-Chloronaphthalene	ND	1000
Acenaphthylene	ND	1000
Acenaphthene	ND	1000
Dimethyl phthalate	ND	1000
2,6-Dinitrotoluene	ND	1000
Fluorene	ND	1000
4-Chlorophenyl phenyl ether	ND	1000
2,4-Dinitrotoluene	ND	1000

Date Received 7-9-87
Date Started 7-9-87
Date Completed 7-28-87

Ref: SW-846

By: Richard M. [Signature]

COMPOUND	RESULT ug/kg	DETECTION LIMIT
Indeno (1,2,3-c,d) pyrene	ND	1000
Dibenzo (a,h) anthracene	ND	1000
Benzo (ghi) perylene	ND	1000
N-Nitrosodimethyl amine	ND	1000
Chlordane ^a	ND	3000
Toxaphene ^a	ND	3000
PCB 1016 ^a	ND	3000
PCB 1221 ^a	ND	3000
PCB 1232 ^a	ND	3000
PCB 1242 ^a	ND	3000
PCB 1248 ^a	ND	3000
PCB 1254 ^a	ND	3000
PCB 1260 ^a	ND	3000
2-Chlorophenol	ND	1000
2-Nitrophenol	ND	1000
Phenol	ND	1000
2,4-Dimethylphenol	ND	1000
2,4-Dichlorophenol	ND	1000
2,4,6-Trichlorophenol	ND	1000
4-Chloro-3-methylphenol	ND	1000
2,4-Dinitrophenol	ND	5000
2-Methyl-4,6-dinitrophenol	ND	5000
Pentachlorophenol	ND	5000
4-Nitrophenol	ND	5000

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Surveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. DH 8 at 5'
Collected by: Fred Diaz

Lab I.D. P-48285
Purchase Order 193-1.1
Referring Lab
Date Collected 7-7-87

CUT & READY FOODS

590

METHOD 8080

PARAMETER	RESULTS mg/kg	DETECTION LIMIT mg/kg	PARAMETER	RESULTS mg/kg	DETECTION LIMIT mg/kg
ALPHA - BHC	ND	0.05	ENDOSULFAN II	ND	0.10
BETA - BHC	ND	0.05	ENDRIN ALDEHYDE	ND	0.10
DELTA - BHC	ND	0.05	P,P' - DDT	ND	0.10
GAMMA - BHC	ND	0.05	ENDOSULFAN SULFATE	ND	0.10
HEPTACHLOR	ND	0.05	CHLORDANE	ND	0.5
ALDRIN	ND	0.05	TOXAPHENE	ND	1.0
HEPTACHLOR EPOXIDE	ND	0.05	PCB - 1016	ND	0.5
ENDOSULFAN I	ND	0.05	PCB - 1221	ND	0.5
P,P' - DDE	ND	0.05	PCB - 1232	ND	0.5
DIELDRIN	ND	0.10	PCB - 1242	ND	0.5
ENDRIN	ND	0.10	PCB - 1248	ND	0.5
P,P' - DDD	ND	0.10	PCB - 1254	ND	0.5
			PCB - 1260	ND	0.5

Ref: Sw-846

Date Received 7-7-87
Date Started 7-15-87
Date Completed 7-18-87

By: *Richard Thomas*

California Water Labs, Inc.

P. O. BOX 4249
 1430 CARPENTER LANE - SUITE G
 MODESTO, CA 95352
 PHONE (209) 527-4050

Purveyor Beta and Associates
 Street 2068 Lincoln Ave.
 City San Jose, CA Zip 95125
 Sample I.D. DH 8 at 10'
 Collected by: Fred Diaz

Lab I.D. P-48286
 Purchase Order 193-1.1
 Referring Lab _____
 Date Collected 7-7-87

CUT & READY FOODS

225 HALOGENATED/AROMATIC VOLATILE ORGANICS: SOLID MATRICES (METHODS 8010/8020)

COMPOUND	RESULTS ug/kg	DET. LIMIT	COMPOUND	RESULTS ug/kg	DET. LIMIT
CHLOROMETHANE	ND	2.5	1,2-DICHLOROPROPANE	ND	2.5
DICHLORODIFLUOROMETHANE	ND	2.5	TRANS-1,3-DICHLOROPROPENE	ND	2.5
BROMOMETHANE	ND	2.5	TRICHLOROETHYLENE	ND	2.5
VINYL CHLORIDE	ND	5.0	DIBROMOCHLOROMETHANE	ND	2.5
CHLORETHANE	ND	2.5	CIS-1,3-DICHLOROPROPENE	ND	2.5
METHYLENE CHLORIDE	ND	2.5	1,1,2-TRICHLOROETHANE	ND	2.5
TRICHLOROFLUOROMETHANE	ND	2.5	BROMOFORM	ND	2.5
1,1-DICHLOROETHENE	ND	1.0	1,1,2,2-TETRACHLOROETHANE	ND	2.5
1,1-DICHLOROETHANE	ND	2.5	TETRACHLOROETHENE	ND	2.5
TRANS-1,2-DICHLOROETHENE	ND	2.5	CHLOROBENZENE	ND	2.5
CHLOROFORM	ND	2.5	1,2-DICHLOROBENZENE	ND	2.5
1,2-DICHLOROETHANE	ND	2.5	1,3-DICHLOROBENZENE	ND	2.5
1,1,1-TRICHLOROETHANE	ND	2.5	1,4-DICHLOROBENZENE	ND	2.5
CARBON TETRACHLORIDE	ND	2.5	BENZENE	ND	10.0
BROMODICHLOROMETHANE	ND	2.5	ETHYL BENZENE	ND	10.0
2-CHLOROETHYL VINYL ETHER	ND	5.0	TOLUENE	ND	10.0
			XYLENE	ND	20.0

(Sample prepared using Method 5030 for purge and trap.)

Date Received 7-9-87
 Date Started 7-23-87
 Date Completed 7-24-87

Ref: SW-846

By: *Robert M...*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. Listed
Collected by: Fred Diaz

Lab I.D. Listed
Purchase Order 193-1.1
Referring Lab
Date Collected 7-7-87

CUT & READY FOODS

<u>CWL I.D.</u>	<u>Sample I.D.</u>	<u>pH</u> <u>(Std. Units)</u>
P-48279	DH 3 at 5'	7.0
P-48283	DH 7 at 4½'	8.3
P-48284	DH 7 at 10'	8.3
P-48285	DH 8 at 5' (7-6-87)	8.4
P-48286	DH 8 at 10' (7-6-87)	9.1

Date Received 7-9-87
Date Started 7-16-87
Date Completed 7-20-87

By: *Fred Diaz*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

CHAIN OF CUSTODY RECORD

PROJECT NAME: <i>Cut and Ready Foods</i> 193-1.1						Number of Containers	Analysis Required					REMARKS	
SAMPLERS (signature): <i>Fred Dixon</i>							TPH/BTX	PH	2010/8020	8270/8080			
Station Number	Date	Time	Comp.	Grab	Station Location								
	7/6/87				DH-1 @ 10'	✓						P-48277	
	7/6/87				DH-2 @ 15'	✓						78	
	7/7/87				DH-3 @ 5'		✓					79	
	7/7/87				DH-4 @ 10'	✓						80	
	7/7/87				DH-5 @ 15'	✓						81	
	7/7/87				DH-6 @ 5'							82	
	7/7/87				DH-7 @ 4½'		✓					83	
	7/7/87				DH-7 @ 10'		✓	✓				84	
	7/6/87				DH-8 @ 5'		✓		✓			85	
	7/6/87				DH-8 @ 10'		✓	✓				86	
Relinquished by (signature): <i>Fred Dixon</i>		Date / Time 7/7/87 10:50A		Received by (signature): <i>Sam Hader</i>		Relinquished by (signature): <i>Sam Hader</i>		Date / Time 7/7/87 1:55pm		Received by (signature):			
Company or Agency: <i>Beta Associates</i>				Company or Agency: <i>Beta Associates</i>		Company or Agency: <i>Beta Associates</i>				Company or Agency:			
Relinquished by (signature):		Date / Time		Received by (signature):		Relinquished by:		Date / Time		Received by (signature):			
Company or Agency:				Company or Agency:		Company or Agency:				Company or Agency:			
Relinquished by (signature):		Date / Time		Received for Laboratory by (signature): <i>Lucy McQuade</i>		Date / Time 7/9/87 1:55 PM		Remarks/Shipping Information					
Company or Agency:													

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-1
Collected by: Tim Furnas

Lab I.D. P-48886
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87

CUT & READY FOODS

228 PURGEABLE HALOCARBONS (METHOD 601)

COMPOUND	RESULTS ug/L	DET. LIMIT	COMPOUND	RESULTS ug/L	DET. LIMIT
CHLOROMETHANE	ND	0.5	1,2-DICHLOROPROPANE	ND	0.5
DICHLORODIFLUOROMETHANE	ND	0.5	TRANS-1,3-DICHLOROPROPENE	ND	0.5
BROMOMETHANE	ND	0.5	TRICHLOROETHYLENE	ND	0.5
VINYL CHLORIDE	ND	1.0	DIBROMOCHLOROMETHANE	ND	0.5
CHLORETHANE	ND	0.5	CIS-1,3-DICHLOROPROPENE	ND	0.5
METHYLENE CHLORIDE	ND	0.5	1,1,2-TRICHLOROETHANE	ND	0.5
TRICHLOROFLUOROMETHANE	ND	0.5	BROMOFORM	ND	0.5
1,1-DICHLOROETHENE	ND	0.2	1,1,2,2-TETRACHLOROETHANE	ND	0.5
1,1-DICHLOROETHANE	ND	0.5	TETRACHLOROETHENE	ND	0.5
TRANS-1,2-DICHLOROETHENE	ND	0.5	CHLOROBENZENE	ND	0.5
CHLOROFORM	ND	0.5	1,2-DICHLOROBENZENE	ND	0.5
1,2-DICHLOROETHANE	0.9	0.5	1,3-DICHLOROBENZENE	ND	0.5
1,1,1-TRICHLOROETHANE	ND	0.5	1,4-DICHLOROBENZENE	ND	0.5
CARBON TETRACHLORIDE	ND	0.5			
BROMODICHLOROMETHANE	ND	0.5			
2-CHLOROETHYL VINYL ETHER	ND	1.0			

Date Received 7-20-87
Date Started 7-28-87
Date Completed 7-30-87

By: *Richard M. ...*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95362
PHONE (209) 527-4060

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW # 1 PB
Collected by: Tim Furnas

Lab I.D. P-48885
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87
CUT & READY FOODS

224 PURGEABLE HALOCARBONS & PURGEABLE AROMATICS (METHOD 601 & 602)

COMPOUND	RESULTS ug/L	DETECTION LIMIT ug/L	COMPOUND	RESULTS ug/L	DETECTION LIMIT ug/L
CHLOROMETHANE	ND	0.5	1,2-DICHLOROPROPANE	ND	0.5
DICHLORODIFLUOROMETHANE	ND	0.5	TRANS-1,3-DICHLOROPROPENE	ND	0.5
BROMOMETHANE	ND	0.5	TRICHLOROETHYLENE	ND	0.5
VINYL CHLORIDE	ND	1.0	DIBROMOCHLOROMETHANE	ND	0.5
CHLOROETHANE	ND	0.5	CIS-1,3-DICHLOROPROPENE	ND	0.5
METHYLENE CHLORIDE	ND	0.5	1,1,2-TRICHLOROETHANE	ND	0.5
TRICHLOROFLUOROMETHANE	ND	0.5	BROMOFORM	ND	0.5
1,1-DICHLOROETHENE	ND	0.2	1,1,2,2-TETRACHLOROETHANE	ND	0.5
1,1-DICHLOROETHANE	ND	0.5	TETRACHLOROETHENE	ND	0.5
TRANS-1,2-DICHLOROETHENE	ND	0.5	CHLOROBENZENE	ND	0.5
CHLOROFORM	ND	0.5	TOLUENE	ND	0.5
1,2-DICHLOROETHANE	ND	0.5	ETHYL BENZENE	ND	0.5
1,1,1-TRICHLOROETHANE	ND	0.5	BENZENE	ND	0.5
CARBON TETRACHLORIDE	ND	0.5	1,2-DICHLOROBENZENE	ND	0.5
BROMODICHLOROMETHANE	ND	0.5	1,3-DICHLOROBENZENE	ND	0.5
2-CHLOROETHYL VINYL ETHER	ND	1.0	1,4-DICHLOROBENZENE	ND	0.5
			TOTAL XYLENES	ND	0.5

Date Received 7-20-87
Date Started 7-29-87
Date Completed 7-30-87

By: *Richard W. ...*

California Water Labs, Inc.

P O. BOX 4249
1430 CARPENTER LANE -- SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-1
Collected by: Tim Furnas

Lab I.D. P-48886
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/L)	DETECTION LIMIT (ug/L)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/L)	DETECTION LIMIT (mg/L)
GASOLINE	ND	1.0
DIESEL	ND (ug/L)	50.0 (ug/L)
KEROSENE	ND (ug/L)	50.0 (ug/L)
MOTOR OIL	ND (ug/L)	300.0 (ug/L)
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-20-87
Date Started 7-28-87
Date Completed 7-30-87

By: *Richard Morrison*

California Water Labs, Inc.

P O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-2
Collected by: Tim Furnas

Lab I.D. P-48888
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/L)	DETECTION LIMIT (ug/L)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/L)	DETECTION LIMIT (mg/L)
GASOLINE	ND	1.0
DIESEL	ND (ug/L)	50.0 (ug/L)
KEROSENE	ND (ug/L)	50.0 (ug/L)
MOTOR OIL	ND (ug/L)	300.0 (ug/L)
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-20-87
Date Started 8-04-87
Date Completed 8-04-87

By: *Robert M. ...*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4060

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-3
Collected by: Tim Furnas

Lab I.D. P-48890
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87

CUT & READY FOODS

224 PURGEABLE HALOCARBONS & PURGEABLE AROMATICS (METHOD 601 & 602)

COMPOUND	RESULTS ug/L	DETECTION LIMIT ug/L	COMPOUND	RESULTS ug/L	DETECTION LIMIT ug/L
CHLOROMETHANE	ND	0.5	1,2-DICHLOROPROPANE	ND	0.5
DICHLORODIFLUOROMETHANE	ND	0.5	TRANS-1,3-DICHLOROPROPENE	ND	0.5
BROMOMETHANE	ND	0.5	TRICHLOROETHYLENE	ND	0.5
VINYL CHLORIDE	ND	1.0	DIBROMOCHLOROMETHANE	ND	0.5
CHLOROETHANE	ND	0.5	CIS-1,3-DICHLOROPROPENE	ND	0.5
METHYLENE CHLORIDE	ND	0.5	1,1,2-TRICHLOROETHANE	ND	0.5
TRICHLOROFLUOROMETHANE	ND	0.5	BROMOFORM	ND	0.5
1,1-DICHLOROETHENE	ND	0.2	1,1,2,2-TETRACHLOROETHANE	ND	0.5
1,1-DICHLOROETHANE	ND	0.5	TETRACHLOROETHENE	ND	0.5
TRANS-1,2-DICHLOROETHENE	ND	0.5	CHLOROENZENE	ND	0.5
CHLOROFORM	ND	0.5	TOLUENE	ND	0.5
1,2-DICHLOROETHANE	ND	0.5	ETHYL BENZENE	ND	0.5
1,1,1-TRICHLOROETHANE	ND	0.5	BENZENE	ND	0.5
CARBON TETRACHLORIDE	ND	0.5	1,2-DICHLOROENZENE	ND	0.5
BROMODICHLOROMETHANE	ND	0.5	1,3-DICHLOROENZENE	ND	0.5
2-CHLOROETHYL VINYL ETHER	ND	1.0	1,4-DICHLOROENZENE	ND	0.5
			TOTAL XYLENES	ND	0.5

Date Received 7-20-87
Date Started 7-28-87
Date Completed 7-30-87

By: Richard M. ...

California Water Labs, Inc.

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MODESTO, CA 95352
PHONE (209) 527-4050

Surveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. MW - 3
Collected by: T. Furnas

Lab I.D. P-48890
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87
Page 1 of 3 CUT & READY FOODS

400 HAZARDOUS SUBSTANCE LIST (METHOD 625 - WATER)

COMPOUND	RESULTS ppb	DETECTION LIMIT
N-NITROSODIMETHYL AMINE	ND	10.0
PHENOL	ND	10.0
BIS (2-CHLOROETHYL)	ND	10.0
2-CHLOROPHENOL	ND	10.0
1,3-DICHLOROBENZENE	ND	10.0
1,4-DICHLOROBENZENE	ND	10.0
BENZYL ALCOHOL	ND	10.0
1,2-DICHLOROBENZENE	ND	10.0
2-METHYL PHENOL (O-CRESOL)	ND	10.0
BIS(2-CHLOROISOPROPYL) ETHER	ND	10.0
4-METHYLPHENOL (P-CRESOL)	ND	10.0
N-NITROSO-DI-N-PROPYLAMINE	ND	10.0
HEXACHLOROETHANE	ND	10.0
NITROBENZENE	ND	10.0
ISOPHORONE	ND	10.0
2-NITROPHENOL	ND	10.0
2,4-DIMETHYLPHENOL	ND	10.0
BIS (2-CHLOROETHOXY) METHANE	ND	10.0
BENZOIC ACID	ND	50.0
2,4-DICHLOROPHENOL	ND	10.0
1,2,4-TRICHLOROBENZENE	ND	10.0
NAPHTHALENE	ND	10.0

Date Received 7-20-87
Date Started 7-20-87
Date Completed 8-10-87

By: Richard Morrison

COMPOUND	RESULTS ppb	DETECTION LIMIT
4-CHLOROANILINE	ND	10.0
HEXACHLOROBUTADIENE	ND	10.0
4-CHLORO-3-METHYL PHENOL	ND	10.0
2-METHYLNAPHTHALENE	ND	10.0
HEXACHLOROCYCLOPENTADIENE	ND	10.0
2, 4, 6-TRICHLOROPHENOL	ND	10.0
2, 4, 5-TRICHLOROPHENOL	ND	50.0
2-CHLORONAPHTHALENE	ND	10.0
2-NITROANILINE	ND	50.0
DIMETHYL PHTHALATE	ND	10.0
ACENAPHTHYLENE	ND	10.0
2, 6-DINITROTOLUENE	ND	10.0
3-NITROANILINE	ND	50.0
ACENAPHTHENE	ND	10.0
2, 4-DINITROPHENOL	ND	50.0
4-NITROPHENOL	ND	50.0
DIBENZOFURAN	ND	10.0
2, 4-DINITROTOLUENE	ND	10.0
DIETHYL PHTHALATE	ND	10.0
FLUORENE	ND	10.0
4-CHLOROPHENYLPHENYL ETHER	ND	10.0
4-NITROANILINE	ND	50.0
2-METHYL-4, 6-DINITROPHENOL	ND	50.0
N-NITROSODIPHENYLAMINE	ND	10.0
4-BROMOPHENYL PHENYL ETHER	ND	10.0
HEXACHLOROBENZENE	ND	10.0
PENTACHLOROPHENOL	ND	50.0
PHENANTHRENE	ND	10.0
ANTHRACENE	ND	10.0
DI-N-BUTYLPHTHALATE	ND	10.0
FLUORANTHENE	ND	10.0
BENZIDINE	ND	50.0
PYRENE	ND	10.0

HAZARDOUS SUBSTANCE LIST (METHOD 625 - WATER)

COMPOUND	RESULTS ppb	DETECTION LIMIT
BUTYL BENZYL PHTHALATE	ND	10.0
3, 3'-DICHLOROBENZIDENE	ND	20.0
BENZO (A) ANTHRACENE	ND	10.0
CHRYSENE	ND	10.0
BIS (2-ETHYLHEXYL) PHTHALATE	ND	10.0
DI-N-OCTYL PHTHALATE	ND	10.0
BENZO (B) FLUORANTHENE	ND	10.0
BENZO (K) FLUORANTHENE	ND	10.0
BENZO (A) PYRENE	ND	10.0
INDENO (1,2,3-CD) PYRENE	ND	10.0
DIBENZ (A,H) ANTHRACENE	ND	10.0
BENZO (G,H,I) PERYLENE	ND	10.0

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
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PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-3
Collected by: Tim Furnas

Lab I.D. P-48890
Purchase Order 193-1.1
Referring Lab
Date Collected 7-20-87

CUT & READY FOODS

METHOD 608

PARAMETER	RESULTS ppb	DETECTION LIMIT ppb	PARAMETER	RESULTS ppb	DETECTION LIMIT ppb
ALPHA - BHC	ND	0.05	ENDOSULFAN II	ND	0.10
BETA - BHC	ND	0.05	ENDRIN ALDEHYDE	ND	0.10
DELTA - BHC	ND	0.05	P,P' - DDT	ND	0.10
GAMMA - BHC	ND	0.05	ENDOSULFAN SULFATE	ND	0.10
HEPTACHLOR	ND	0.05	CHLORDANE	ND	0.5
ALDRIN	ND	0.05	TOXAPHENE	ND	1.0
HEPTACHLOR EPOXIDE	ND	0.05	PCB - 1016	ND	0.5
ENDOSULFAN I	ND	0.05	PCB - 1221	ND	0.5
P,P' - DDE	ND	0.05	PCB - 1232	ND	0.5
DIELDRIN	ND	0.10	PCB - 1242	ND	0.5
ENDRIN	ND	0.10	PCB - 1248	ND	0.5
P,P' - DDD	ND	0.10	PCB - 1254	ND	0.5
			PCB - 1260	ND	0.5

Date Received 7-20-87
Date Started 7-31-87
Date Completed 8-07-87

By: Richard Morrison

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. MW-3
Collected by: Tim Furnas

Lab I.D. P-48890
Purchase Order 193-1.1
Referring Lab
Date Collected 7-20-87

CUT & READY FOODS

861

pH (Std Units)

7.3

Date Received 7-20-87
Date Started 7-20-87
Date Completed 8-07-87

By: Richard Morrison

California Water Labs, Inc.

P O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-4
Collected by: Tim Furnas

Lab I.D. P-48892
Purchase Order 193-1.1
Referring Lab
Date Collected 7-20-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/L)	DETECTION LIMIT (ug/L)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/L)	DETECTION LIMIT (mg/L)
GASOLINE	ND	1.0
DIESEL	ND (ug/L)	50.0 (ug/L)
KEROSENE	ND (ug/L)	50.0 (ug/L)
MOTOR OIL	ND (ug/L)	300.0 (ug/L)
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-20-87
Date Started 8-04-87
Date Completed 8-04-87

By: *Richard Morrison*

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-5
Collected by: Tim Furnas

Lab I.D. P-48894
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87

CUT & READY FOODS

228 PURGEABLE HALOCARBONS (METHOD 601)

COMPOUND	RESULTS ug/L	DET. LIMIT	COMPOUND	RESULTS ug/L	DET. LIMIT
CHLOROMETHANE	ND	0.5	1,2-DICHLOROPROPANE	ND	0.5
DICHLORODIFLUOROMETHANE	ND	0.5	TRANS-1,3-DICHLOROPROPENE	ND	0.5
BROMOMETHANE	ND	0.5	TRICHLOROETHYLENE	ND	0.5
VINYL CHLORIDE	ND	1.0	DIBROMOCHLOROMETHANE	ND	0.5
CHLORETHANE	ND	0.5	CIS-1,3-DICHLOROPROPENE	ND	0.5
METHYLENE CHLORIDE	ND	0.5	1,1,2-TRICHLOROETHANE	ND	0.5
TRICHLOROFLUOROMETHANE	ND	0.5	BROMOFORM	ND	0.5
1,1-DICHLOROETHENE	ND	0.2	1,1,2,2-TETRACHLOROETHANE	ND	0.5
1,1-DICHLOROETHANE	ND	0.5	TETRACHLOROETHENE	ND	0.5
TRANS-1,2-DICHLOROETHENE	ND	0.5	CHLOROBENZENE	ND	0.5
CHLOROFORM	ND	0.5	1,2-DICHLOROBENZENE	ND	0.5
1,2-DICHLOROETHANE	ND	0.5	1,3-DICHLOROBENZENE	ND	0.5
1,1,1-TRICHLOROETHANE	ND	0.5	1,4-DICHLOROBENZENE	ND	0.5
CARBON TETRACHLORIDE	ND	0.5			
BROMODICHLOROMETHANE	ND	0.5			
2-CHLOROETHYL VINYL ETHER	ND	1.0			

Date Received 7-20-87
Date Started 7-29-87
Date Completed 7-29-87

By: Richard M. [Signature]

California Water Labs, Inc.

P O. BOX 4248
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Surveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-5
Collected by: Tim Furnas

Lab I.D. P-48894
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-20-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/L)	DETECTION LIMIT (ug/L)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/L)	DETECTION LIMIT (mg/L)
GASOLINE	ND	1.0
DIESEL	ND (ug/L)	50.0 (ug/L)
KEROSENE	ND (ug/L)	50.0 (ug/L)
MOTOR OIL	ND (ug/L)	300.0 (ug/L)
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-20-87
Date Started 8-07-87
Date Completed 8-07-87

By: *Richard ...*

California Water Labs, Inc.

P O. BOX 4248
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Surveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. MW-6
Collected by: Tim Furnas

Lab I.D. P-48896
Purchase Order 193-1.1
Referring Lab
Date Collected 7-20-87

CUT & READY FOODS

TOTAL PETROLEUM HYDROCARBONS

COMPOUND	RESULT (ug/L)	DETECTION LIMIT (ug/L)
BENZENE	ND	10.0
TOLUENE	ND	10.0
XYLENE	ND	10.0
ETHYL BENZENE	not analyzed	10.0
E.D.B.	not analyzed	10.0

COMPOUND	RESULT (mg/L)	DETECTION LIMIT (mg/L)
GASOLINE	ND	1.0
DIESEL	ND (ug/L)	50.0 (ug/L)
KEROSENE	ND (ug/L)	50.0 (ug/L)
MOTOR OIL	ND (ug/L)	300.0 (ug/L)
OTHER PETROLEUM HYDROCARBONS	ND	1.0
C9 - C36	ND	1.0

Date Received 7-20-87
Date Started 8-07-87
Date Completed 8-07-87

By: Richard Mason

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95362
PHONE (209) 527-4050

Purveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95380
Sample I.D. MW 7
Collected by: Tim Furnas

Lab I.D. P-48249
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-8-87

CUT & READY

224 PURGEABLE HALOCARBONS & PURGEABLE AROMATICS (METHOD 601 & 602)

COMPOUND	RESULTS ug/L	DETECTION LIMIT ug/L	COMPOUND	RESULTS ug/L	DETECTION LIMIT ug/L
CHLOROMETHANE	ND	0.5	1,2-DICHLOROPROPANE	ND	0.5
DICHLORODIFLUOROMETHANE	ND	0.5	TRANS-1,3-DICHLOROPROPENE	ND	0.5
BROMOMETHANE	ND	0.5	TRICHLOROETHYLENE	ND	0.5
VINYL CHLORIDE	ND	1.0	DIBROMOCHLOROMETHANE	ND	0.5
CHLOROETHANE	ND	0.5	CIS-1,3-DICHLOROPROPENE	ND	0.5
METHYLENE CHLORIDE	ND	0.5	1,1,2-TRICHLOROETHANE	ND	0.5
TRICHLOROFLUOROMETHANE	ND	0.5	BROMOFORM	ND	0.5
1,1-DICHLOROETHENE	ND	0.2	1,1,2,2-TETRACHLOROETHANE	ND	0.5
1,1-DICHLOROETHANE	ND	0.5	TETRACHLOROETHENE	ND	0.5
TRANS-1,2-DICHLOROETHENE	ND	0.5	CHLOROBENZENE	ND	0.5
CHLOROFORM	ND	0.5	TOLUENE	ND	0.5
1,2-DICHLOROETHANE	ND	0.5	ETHYL BENZENE	ND	0.5
1,1,1-TRICHLOROETHANE	ND	0.5	BENZENE	ND	0.5
CARBON TETRACHLORIDE	ND	0.5	1,2-DICHLOROBENZENE	ND	0.5
BROMODICHLOROMETHANE	ND	0.5	1,3-DICHLOROBENZENE	ND	0.5
2-CHLOROETHYL VINYL ETHER	ND	1.0	1,4-DICHLOROBENZENE	ND	0.5
			TOTAL XYLENES	ND	0.5

Date Received 7-8-87
Date Started 7-15-87
Date Completed 7-15-87

By: Richard McQuinn

California Water Labs, Inc.

P O. BOX 4249
1430 CARPENTER LANE - SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. Cut-N-Ready MW 7
Collected by: Tim Furnas

Lab I.D. P-48249
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-08-87

Page 1 of 3

400 HAZARDOUS SUBSTANCE LIST (METHOD 625 - WATER)

COMPOUND	RESULTS ppb	DETECTION LIMIT
N-NITROSODIMETHYL AMINE	ND	10.0
PHENOL	ND	10.0
BIS (2-CHLOROETHYL)	ND	10.0
2-CHLOROPHENOL	ND	10.0
1,3-DICHLOROBENZENE	ND	10.0
1,4-DICHLOROBENZENE	ND	10.0
BENZYL ALCOHOL	ND	10.0
1,2-DICHLOROBENZENE	ND	10.0
2-METHYL PHENOL (O-CRESOL)	ND	10.0
BIS(2-CHLOROISOPROPYL) ETHER	ND	10.0
4-METHYLPHENOL (P-CRESOL)	ND	10.0
N-NITROSO-DI-N-PROPYLAMINE	ND	10.0
HEXACHLOROETHANE	ND	10.0
NITROBENZENE	ND	10.0
ISOPHORONE	ND	10.0
2-NITROPHENOL	ND	10.0
2,4-DIMETHYLPHENOL	ND	10.0
BIS (2-CHLOROETHOXY) METHANE	ND	10.0
BENZOIC ACID	ND	50.0
2,4-DICHLOROPHENOL	ND	10.0
1,2,4-TRICHLOROBENZENE	ND	10.0
NAPHTHALENE	ND	10.0

Date Received 7-08-87
Date Started 7-08-87
Date Completed 7-28-87

By: Richard M. Mason

HAZARDOUS SUBSTANCE LIST (METHOD 625 - WATER)

COMPOUND	RESULTS ppb	DETECTION LIMIT
4-CHLOROANILINE	ND	10.0
HEXACHLOROBUTADIENE	ND	10.0
4-CHLORO-3-METHYL PHENOL	ND	10.0
2-METHYLNAPHTHALENE	ND	10.0
HEXACHLOROCYCLOPENTADIENE	ND	10.0
2, 4, 6-TRICHLOROPHENOL	ND	10.0
2, 4, 5-TRICHLOROPHENOL	ND	50.0
2-CHLORONAPHTHALENE	ND	10.0
2-NITROANILINE	ND	50.0
DIMETHYL PHTHALATE	ND	10.0
ACENAPHTHYLENE	ND	10.0
2, 6-DINITROTOLUENE	ND	10.0
3-NITROANILINE	ND	50.0
ACENAPHTHENE	ND	10.0
2, 4-DINITROPHENOL	ND	50.0
4-NITROPHENOL	ND	50.0
DIBENZOFURAN	ND	10.0
2, 4-DINITROTOLUENE	ND	10.0
DIETHYL PHTHALATE	ND	10.0
FLUORENE	ND	10.0
4-CHLOROPHENYLPHENYL ETHER	ND	10.0
4-NITROANILINE	ND	50.0
2-METHYL-4, 6-DINITROPHENOL	ND	50.0
N-NITROSODIPHENYLAMINE	ND	10.0
4-BROMOPHENYL PHENYL ETHER	ND	10.0
HEXACHLOROBENZENE	ND	10.0
PENTACHLOROPHENOL	ND	50.0
PHENANTHRENE	ND	10.0
ANTHRACENE	ND	10.0
DI-N-BUTYLPHTHALATE	ND	10.0
FLUORANTHENE	ND	10.0
BENZIDINE	ND	50.0
PYRENE	ND	10.0

HAZARDOUS SUBSTANCE LIST (METHOD 625 - WATER)

COMPOUND	RESULTS ppb	DETECTION LIMIT
BUTYL BENZYL PHTHALATE	ND	10.0
3, 3'-DICHLOROBENZIDENE	ND	20.0
BENZO (A) ANTHRACENE	ND	10.0
CHRYSENE	ND	10.0
BIS (2-ETHYLHEXYL) PHTHALATE	ND	10.0
DI-N-OCTYL PHTHALATE	ND	10.0
BENZO (B) FLUORANTHENE	ND	10.0
BENZO (K) FLUORANTHENE	ND	10.0
BENZO (A) PYRENE	ND	10.0
INDENO (1,2,3-CD) PYRENE	ND	10.0
DIBENZ (A,H) ANTHRACENE	ND	10.0
BENZO (G,H,I) PERYLENE	ND	10.0

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Surveyor Beta and Associates
Street 2068 Lincoln Ave.
City San Jose, CA Zip 95125
Sample I.D. MW 7
Collected by: Tim Furnas

Lab I.D. P-48249
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-8-87

CUT & READY FOODS

METHOD 608

PARAMETER	RESULTS ppb	DETECTION LIMIT ppb	PARAMETER	RESULTS ppb	DETECTION LIMIT ppb
ALPHA - BHC	ND	0.05	ENDOSULFAN II	ND	0.10
BETA - BHC	ND	0.05	ENDRIN ALDEHYDE	ND	0.10
DELTA - BHC	ND	0.05	P,P' - DDT	ND	0.10
GAMMA - BHC	ND	0.05	ENDOSULFAN SULFATE	ND	0.10
HEPTACHLOR	ND	0.05	CHLORDANE	ND	0.5
ALDRIN	ND	0.05	TOXAPHENE	ND	1.0
HEPTACHLOR EPOXIDE	ND	0.05	PCB - 1016	ND	0.5
ENDOSULFAN I	ND	0.05	PCB - 1221	ND	0.5
P,P' - DDE	ND	0.05	PCB - 1232	ND	0.5
DIELDRIN	ND	0.10	PCB - 1242	ND	0.5
ENDRIN	ND	0.10	PCB - 1248	ND	0.5
P,P' - DDD	ND	0.10	PCB - 1254	ND	0.5
			PCB - 1260	ND	0.5

Date Received 7-8-87
Date Started 7-15-87
Date Completed 7-18-87

By: *Robert M. ...*

California Water Labs, Inc.

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1430 CARPENTER LANE — SUITE G
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Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. Listed
Collected by: Tim Furnas

Lab I.D. Listed
Purchase Order 193-1.1
Referring Lab
Date Collected 7-20-87
CUT & READY FOODS

<u>CWL I.D.</u>	<u>Sample I.D.</u>	<u>EDB (ug/L)</u>
P-48886	MW-1	ND, < 1.0
P-48888	MW-2	ND, < 1.0
P-48892	MW-4	ND, < 1.0
P-48894	MW-5	ND, < 1.0
P-48896	MW-6	ND, < 1.0

Date Received 7-20-87
Date Started 8-06-87
Date Completed 8-07-87

By: *Richard M. ...*

California Water Labs, Inc.

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1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor Beta & Associates
Street 2068 Lincoln Avenue
City San Jose, CA Zip 95125
Sample I.D. Listed
Collected by: Tim Furnas

Lab I.D. Listed
Purchase Order 193-1.1
Referring Lab _____
Date Collected 7-17-87/7-20-87

CUT & READY FOODS

(897)

<u>CWL I.D.</u>	<u>Sample I.D.</u>	<u>Total Lead (mg/L)</u>
P-48886	MW-1	.020
P-48888	MW-2	.020
P-48892	MW-4	.025
P-48894	MW-5	.020
P-48896	MW-6	.024

Date Received 7-20-87
Date Started 7-20-87
Date Completed 8-02-87

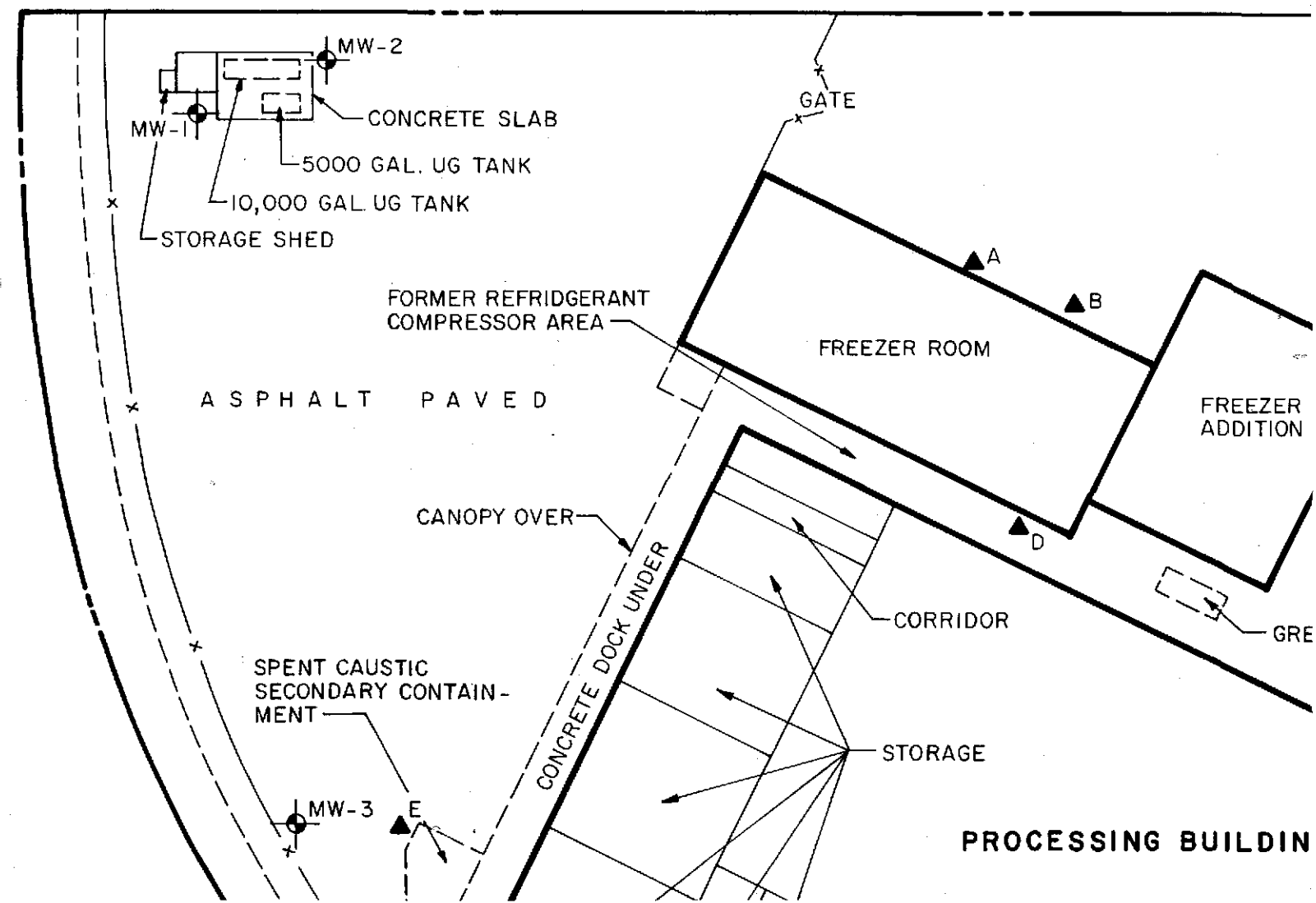
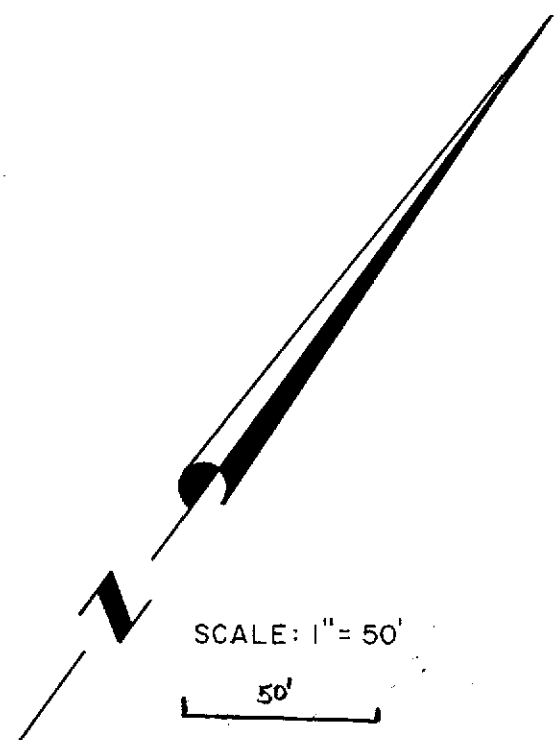
By: Richard M. ...

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

1



2

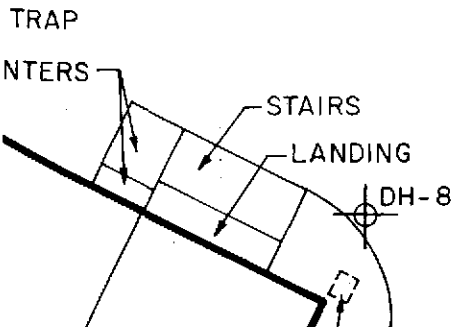
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PAVED PARKING

DRIVE

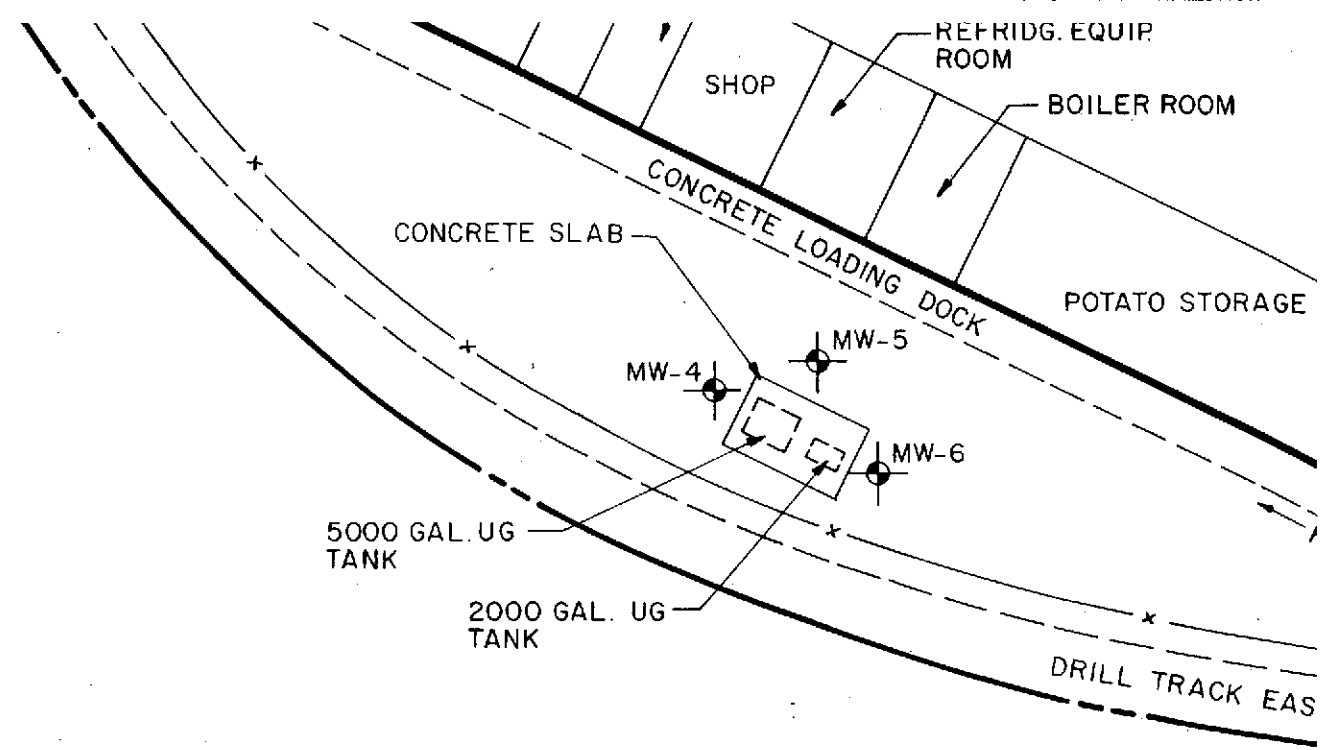
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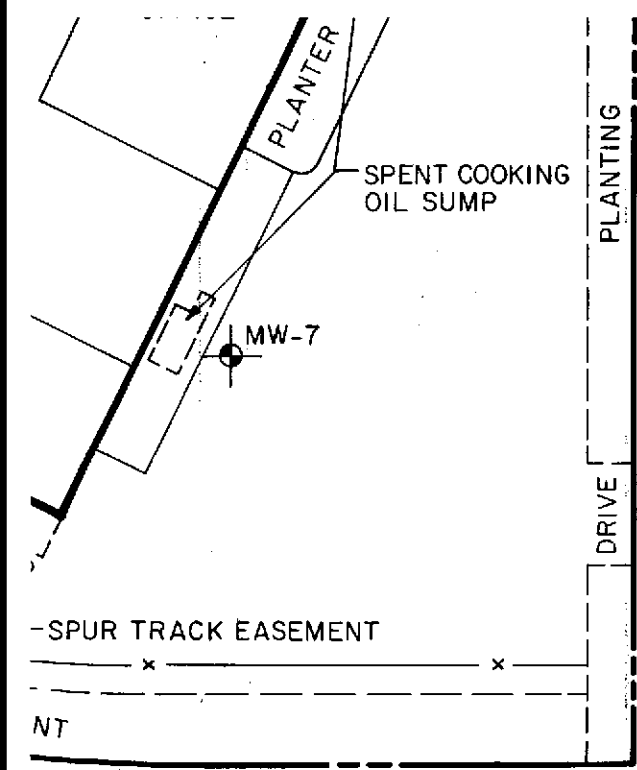
DRIVE

DRIVE



3/





WORTHLEY

- PROPERTY LINE
- x- CHAIN LINK FENCE
- ▲A PNEUMATIC DRILL HOLE
- ⊕ DRILL HOLE
- ⊙ MONITORING WELL

Beta Associates

SITE PLAN

CUT AND READY FOODS

16505 WORTHLEY DRIVE • SAN LORENZO, CALIFORNIA

PLATE
1

Project 193-111

Date 8-87