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Report on

PRELIMINARY REMEDIAL INVESTIGATION
Seabreeze Yacht Center, Inc.
280 Sixth Avenue
Oakland, California

Prepared for:

Port of Oakland
Oakland, California

November 1990

Prepared by:

BASELINE ENVIRONMENTAL CONSULTING
5900 Hollis Street, Suite D
Emeryville, California 94608
(415) 420-8686

S9-171

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ENVIRONMENTAL CONSULTING

30 November 1990
S9-171

Ms. Michele Heffes
Port of Oakland
Legal Department
530 Water Street, 4th Floor
Oakland, CA 94607

Subject: Preliminary Remedial Investigation at 280 Sixth Avenue, Oakland, California

Dear Michele:

Enclosed please find our report on the Preliminary Remedial Investigation for the subject site. Should you have questions or need additional information, please contact us at your convenience.

Please note that copies of this report should be submitted to Alameda County Hazardous Materials Division and the Regional Water Quality Control Board, San Francisco Bay Region.

Sincerely,

Yane Nordhav
Principal
Reg. Geologist No. 4009

Teresa Anaya
Associate

YN/TA/my:S90c

Enclosure

cc: Mr. Craig Meredith, Attorney at Law, Farella, Braun & Martel

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PRELIMINARY REMEDIAL INVESTIGATION
Seabreeze Yacht Center, Inc.
280 Sixth Avenue, Oakland

INTRODUCTION

This report documents a preliminary remedial investigation (investigation) conducted for the Port of Oakland at Seabreeze Yacht Center, Inc. located at 280 Sixth Avenue in Oakland, California. This preliminary remedial investigation was conducted in accordance with a work plan prepared by BASELINE in September 1989. The work plan was reviewed and found acceptable by Alameda County Hazardous Materials Division (County) in November 1989; a copy of the work plan is provided in Appendix A.

The purpose of this investigation was to characterize the extent of soil contamination initially identified in soil samples collected by the County. The scope-of-work, as outlined in the September 1989 work plan (Appendix A), included: collection and analyses of soil samples; removal and disposal of hazardous waste stored in various containers on the property including drill cuttings and decontamination rinse waters; documentation of activities undertaken at the site; and recommendations for further action. This report describes site activities performed to date, evaluates analytical results of soil sampling, and provides recommendations for additional soil and groundwater investigations.

BACKGROUND

The Port of Oakland retained BASELINE to conduct a preliminary remedial investigation in response to a Notice of Violation issued by the County to Seabreeze Yacht Center, Inc. (Seabreeze) in October 1988 and a second Notice of Violation issued by the County to Seabreeze in May 1989. The first Notice of Violation was issued after soil samples collected by the County revealed high levels of metals in the soil. Based on the analytical results from the soil samples, the County requested Seabreeze to conduct an investigation to characterize the extent of contamination at the site. Seabreeze failed to respond to both Notices of Violation.

Seabreeze, a Port of Oakland tenant at the site from 1961 to 1989, declared bankruptcy in 1988. Because the Port of Oakland is the owner of the property, the County required the PORT to comply with the Notices of Violation in August 1989, after Seabreeze's lease had been terminated.

SITE DESCRIPTION

The site consists of approximately nine acres of land, located at the western terminus of Sixth Avenue, along Oakland Inner Harbor (Figure 1). A dry dock previously used for small boat repair and maintenance occupies approximately two acres. Six and one-half acres is occupied by the Clinton Basin Canal, where approximately 100 boats are berthed. A parking lot, located adjacent to Embarcadero, occupies the remaining one-half acre of the site.

CHARACTERIZATION OF CONTAMINATED SOILS

Site Safety Plan

Prior to commencement of preliminary remedial activities, a site safety plan (Appendix B) was prepared by BASELINE's health and safety officer. The site safety plan was developed specifically for the Seabreeze site based on chemical compounds previously identified by the County in the soil and in containers stored on the site. The site safety plan was reviewed by all BASELINE employees prior to on-site field activities.

Permit Procurement

Drilling activities were conducted in accordance with a Alameda County Flood Control and Water Conservation District Zone 7 permit (Appendix C). In addition, the Port of Oakland obtained a permit from the San Francisco Bay Conservation and Development Commission (BCDC) for those on-site activities within the jurisdiction of BCDC (Appendix D).

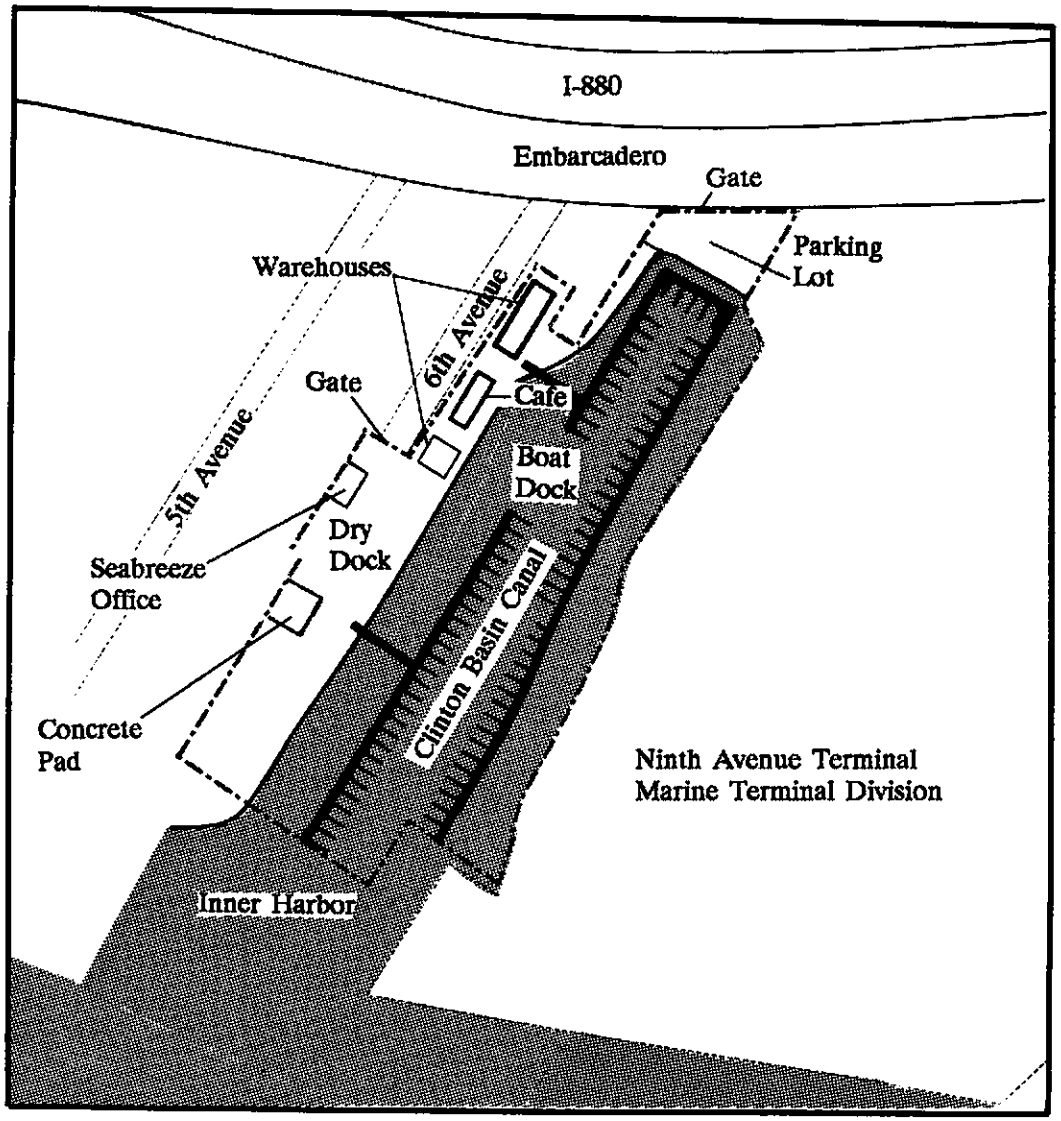
Methods and Procedures

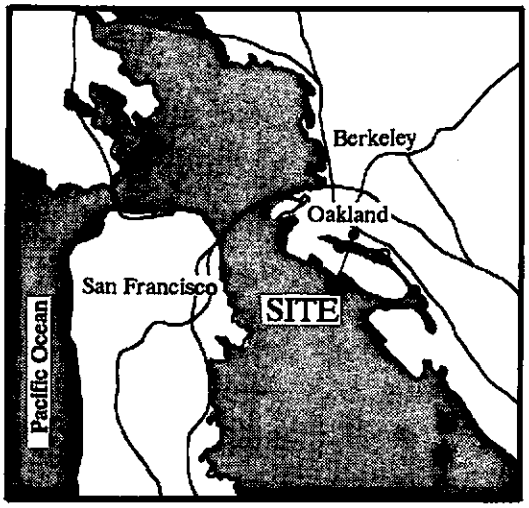
The objectives of the preliminary remedial investigation were: 1) to define the lateral and vertical extent of soil contamination discovered by the County, and 2) to define the lateral and vertical extent of contaminants which may be present elsewhere on the site. The lateral extent of soil contamination identified by the County was determined by sampling distances away from the approximate locations of the County sample sites (Figure 2). Vertical extent of contamination was determined by resampling in approximately the same locations as the County samples at specific intervals from the surface to the groundwater interface. Soil samples were collected from the dry dock area and from the parking lot (Figure 3). #2 objective ?

Fifteen soil borings were drilled on 6 and 7 September 1990. Soil boring locations are shown in Figure 2. Thirteen borings were located in the dry dock area; the remaining two borings were completed in the parking lot.

SITE PLAN
Seabreeze Yacht Center
Oakland, California

Figure 1





Not to Scale

Legend:

Site Boundary

0 300 Feet

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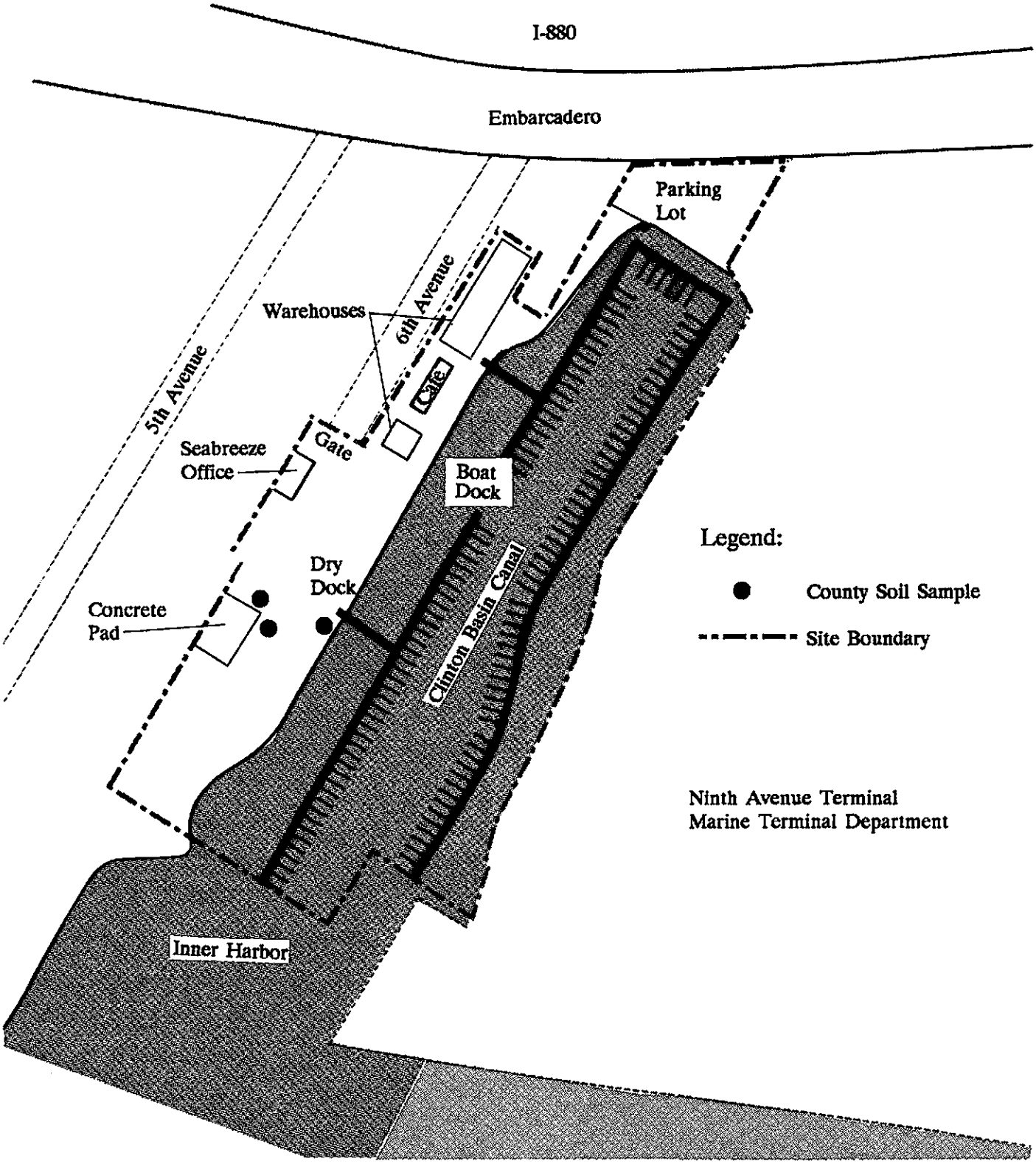
APPROXIMATE LOCATION OF COUNTY SOIL SAMPLES

Figure 2



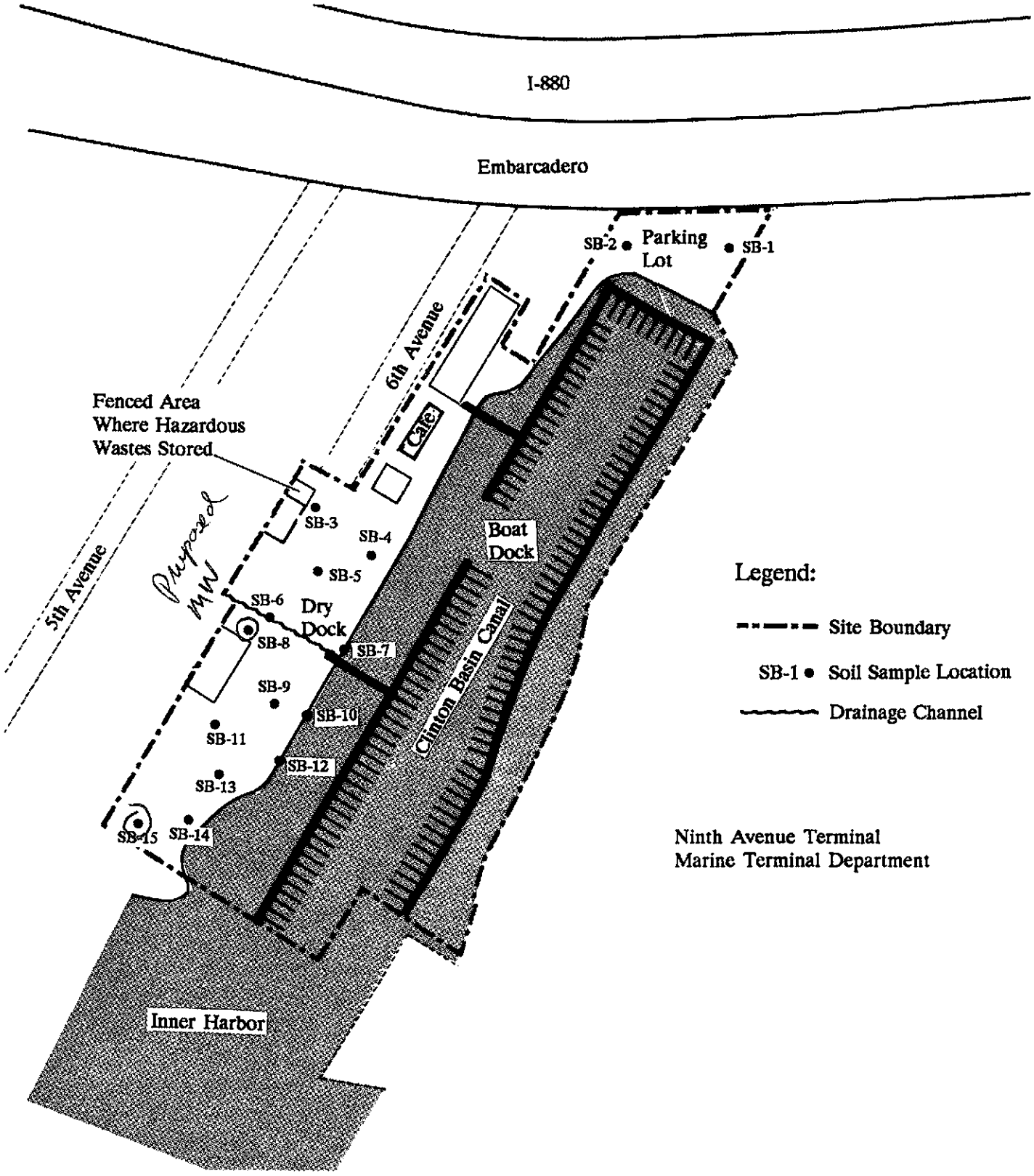
Seabreeze Yacht Center
Oakland, California

Source: BASELINE Communication with Ariv Levy, Alameda County Hazardous Materials Division 8 June 1989.

BASELINE

SOIL SAMPLING LOCATIONS

Figure 3



Seabreeze Yacht Center
Oakland, California

BASELINE

Soil borings were drilled by Aqua Science Engineers of San Ramon. Eight-inch bore holes were drilled using a hollow-stem auger. The total depths of the borings ranged from 2.0 to 6.5 feet below ground surface. Samples were collected from each boring at depths of six inches, one foot, and at the soil-groundwater interface. After each boring, the drilling equipment was steam cleaned on-site and the rinsate was stored in a labeled 55-gallon drum. Drill cuttings were also stored in labelled 55-gallon drums. Each borehole was backfilled to grade using a cement/bentonite grout. Drilling logs are included in Appendix E.

Soil samples were collected from each boring using a California Modified sampler (2-inch diameter) fitted with 6-inch brass liners. The sampler was driven into the ground by a 140-pound hammer. The filled brass liners were removed from the sampler, capped with aluminum foil and plastic caps, taped with masking tape, labelled, placed in a zip-lock bag, and placed in a refrigerated cooler. The samples were submitted under chain-of-custody to Curtis and Tompkins, Ltd., a laboratory certified by the Department of Health Services. Laboratory reports and chain-of-custody forms are included in Appendix F.

All soil samples were analyzed for the metals previously identified by the County as being present on the site. The metals' analyses included cadmium (EPA Method 7130), chromium (EPA Method 7190), copper (EPA Method 7210), lead (EPA Method 7420), nickel (EPA Method 7520), and tin (EPA Method 6010). Samples collected at the soil-groundwater interface were also analyzed for volatile organic compounds (EPA Method 8240). In addition, samples collected from borings located at areas of stained soil were analyzed for oil and grease (Method SMWW 17:5520E&F).

Applicable Regulatory Action Levels

The California Code of Regulations (CCR) Title 26, includes criteria for determination of a hazardous waste or material. For certain heavy metals, CCR Title 26 specifies concentrations above which a material is considered hazardous. The concentrations are listed in terms of Total Threshold Limit Concentrations (TTLC) and Soluble Threshold Limit Concentrations (STLC). If the total concentration of a listed metal is above the TTLC, the material or waste defined as hazardous. If the soluble concentration of a listed metal is above the STLC, the material or waste is defined as hazardous.

When the total concentration of a listed metal is greater than the STLC but less than the TTLC, CCR Title 26 requires that a waste extraction test (WET) be performed to determine the soluble concentration of a species in the sample.[1] The soluble concentration is then compared to the STLC; if it exceeds the STLC, the material or waste is considered hazardous.

[1] During sample preparation, the solid is combined with the extraction solution at a ratio of 1:10 (the solid is diluted by ten). Because of the dilution factor of ten, only those metals with a total concentration exceeding ten times the STLC were reanalyzed using the WET.

Analytical Results

Below is a description of the metal and organic compound concentrations identified in the soil samples collected from the site. All samples were analyzed for total concentrations of the specific metal species. The samples did not contain any metal concentration in excess of the TTLC; however, some samples from shallow depths contained soluble concentrations of copper and lead in excess of the STLCs.

Cadmium

Cadmium was identified above the detection limit at sampling locations SB-4, 5, 6, 8, 12, and 14 (see Figure 2 for sample locations and Table 1 for concentrations. The total concentrations did not exceed the TTLC or ten times the STLC.

Chromium

Chromium was identified above detection limits at all sampling locations, except at location SB-3. Total chromium concentrations were below the TTLC and STLC at all locations.

Copper

Copper was detected in all soil samples collected. Total concentrations in each sample were below the TTLC. The total concentration in SB-12 from 0.5 to one foot exceeded ten times the STLC value; therefore, the WET was performed to determine the soluble copper concentration. The WET analysis measured the soluble concentration at 44.0 mg/L, which is greater than the STLC for copper (25 mg/L).

Nickel

Levels of nickel were detected at all sampling locations at varying depths. The total concentrations did not exceed the TTLC or ten times the STLC.

Lead

Lead was detected at all sampling locations at varying depths. The total concentrations did not exceed the TTLC. At locations SB-2, 4, 6, 7, 8, 9, 10, 11, 12, and 14, the total concentrations of lead (at various depths) exceeded ten times the STLC for lead. Therefore, WETs were performed for those samples. The results of the WET identified soluble concentrations of lead greater than the STLC at sample locations SB-6, 9, 12, and 14. The soluble concentrations above the STLC were identified at depths ranging from 0.5 to 1.5 feet below ground surface.

Tin

Tin was identified above the detection limit at sampling locations SB-6 and SB-12 in samples collected from 0.5 to one foot below ground surface. At sampling location SB-6, tin was identified at 11.0 mg/kg and at sampling location SB-12, tin was identified at 6.2 mg/kg. CCR Title 26 does not specify TTLC or STLC values for tin.

TABLE 1

SUMMARY OF ANALYTICAL RESULTS FROM SOIL SAMPLING
Seabreeze Yacht Center Inc.
280 Sixth Avenue, Oakland
September 1990
(mg/kg unless otherwise noted)

Sample I.D.	Depth (feet)	Total Concentrations						Volatile Organic Compounds[7]		Oil and Grease[8]		WET[9] (mg/L)	
		Cd[1]	Cr[2]	Cu[3]	Ni[4]	Pb[5]	Sn[6]			Total	Non-polar	Pb	Cu
SB-1	0.5 - 1.0	ND	9.1	31.0	8.1	40.0	ND	--		--	--	--	--
	1.0 - 1.5	ND	14.0	20.0	25.0	36.0	ND	--		--	--	--	--
	3.5 - 4.0	ND	ND	12.0	2.9	14.0	ND	0.014	(acetone)	--	--	--	--
SB-2	0.5 - 1.0	ND	ND	17.0	ND	ND	ND	--		--	--	--	--
	1.0 - 1.5	ND	ND	19.0	ND	ND	ND	--		--	--	--	--
	3.0 - 3.5	ND	18.0	19.0	27.0	36.0	ND	--		--	--	--	--
	5.0 - 5.5	ND	4.5	11.0	13.0	87.0	ND	0.012	(acetone)	--	--	1.1	--
								0.0051	(carbon disulfide)				
SB-3	0.5 - 1.0	ND	ND	10.0	ND	ND	ND	--		--	--	--	--
	1.0 - 1.5	ND	ND	12.0	ND	3.0	ND	--		--	--	--	--
	3.5 - 4.0	ND	ND	9.0	2.5	2.5	ND	ND		--	--	--	--
SB-4	0.5 - 1.0	0.5	11.0	100.0	24.0	69.0	ND	--		--	--	2.7	--
	1.0 - 1.5	ND	6.7	21.0	15.0	ND	ND	--		--	--	--	--
	3.5 - 4.0	ND	3.5	16.0	6.6	14.0	ND	0.029	(acetone)	--	--		
								0.009	(toluene)				
								0.012	(total xylenes)				
								trace	(2-butanone)				
SB-5	0.5 - 1.0	0.6	18.0	34.0	19.0	6.5	ND	--		--	--	--	--
	1.0 - 1.5	ND	ND	26.0	ND	ND	ND	--		--	--	--	--
	3.5 - 4.0	ND	13.0	19.0	17.0	11.0	ND	0.079	(acetone)	--	--	--	--
								0.022	(2-butanone)				

Table 1 - *continued*

Sample I.D.	Depth (feet)	Total Concentrations Cd[1]	Cr[2]	Cu[3]	Ni[4]	Pb[5]	Sn[6]	Volatile Organic Compounds[7]	Oil and Grease[8] Total	Non-polar	WET[9] (mg/L) Pb	Cu
SB-6	0.5 - 1.0	1.6	22.0	140.0	120.0	650.0	11.0	--	--	--	28.0	--
	2.0 - 2.5	ND	6.6	11.0	21.0	ND	ND	0.014 (carbon disulfide)	--	--	--	--
								0.025 (total xylenes)				
								trace (benzene)				
SB-7	1.0 - 1.5	ND	19.0	37.0	27.0	67.0	ND	ND	--	--	0.34	--
SB-8	0.5 - 1.0	0.8	9.1	79.0	14.0	51.0	ND	--	230.0	ND	1.6	--
	1.0 - 1.5	ND	20.0	7.3	20.0	2.9	ND	--	--	--	--	--
	2.5 - 3.0	ND	20.0	16.0	32.0	5.9	ND	0.100 (acetone)	1,200.0	350.0	--	--
								0.023 (2-butanone)				
								0.0076 (1,2-dichloropropane)				
SB-9	0.5 - 1.0	ND	36.0	18.0	26.0	200.0	ND	--	--	--	19.0	--
	1.0 - 1.5	ND	9.2	12.0	15.0	160.0	ND	--	--	--	12.0	--
	3.5 - 4.0	ND	12.0	9.5	14.0	2.5	ND	0.030 (acetone)	--	--	--	--
								trace (2-butanone)				
SB-10	0.5 - 1.0	ND	6.0	130.0	14.0	12.0	ND	--	--	--	--	--
	1.0 - 1.5	ND	4.0	79.0	9.5	ND	ND	--	--	--	--	--
	3.0 - 3.5	ND	12.0	18.0	38.0	25.0	ND	ND	--	--	--	--
SB-11	0.5 - 1.0	ND	21.0	33.0	38.0	72.0	ND	--	--	--	3.7	--
	1.0 - 1.5	ND	26.0	18.0	69.0	22.0	ND	--	--	--	--	--
	3.0 - 3.5	ND	28.0	29.0	28.0	5.5	ND	0.180 (acetone)	--	--	--	--
								0.011 (carbon disulfide)				
								0.045 (2-butanone) - MEK				
SB-12	0.5 - 1.0	1.5	22.0	730.0	37.0	340.0	6.2	--	--	--	9.0	44.0
	1.0 - 1.5	0.5	5.4	20.0	7.4	17.0	ND	--	--	--	--	--
	2.5 - 3.0	ND	22.0	19.0	26.0	67.0	ND	0.027 (acetone)	--	--	2.2	--
								trace (2-butanone)				

Table 1 - *continued*

Sample I.D.	Depth (feet)	Total Concentrations Cd[1]	Cr[2]	Cu[3]	Ni[4]	Pb[5]	Sn[6]	Volatile Organic Compounds[7]		Oil and Grease[8] Total	Non-polar	WET[9] (mg/L) Pb	Cu
SB-13	0.5 - 1.0	ND	23.0	10.0	17.0	31.0	ND	--		--	--	--	--
	1.0 - 1.5	ND	13.0	9.9	18.0	19.0	ND	--		--	--	--	--
	2.5 - 3.0	ND	17.0	76.0	28.0	33.0	ND	ND		--	--	--	--
SB-14	0.5 - 1.0	0.7	23.0	47.0	35.0	61.0	ND	--		--	--	6.6	--
	1.0 - 1.5	ND	15.0	81.0	25.0	55.0	ND	--		--	--	1.4	--
	3.0 - 3.5	ND	25.0	18.0	20.0	ND	ND	ND		--	--	--	--
SB-15	0.5 - 1.0	ND	12.0	8.4	25.0	12.0	ND	--		18,000	7,800	--	--
	1.0 - 1.5	ND	14.0	9.8	28.0	39.0	ND	--		7,900	4,200	--	--
	3.5 - 4.0	ND	14.0	11.0	32.0	14.0	ND	0.033	(acetone)	1,700	520	--	--
								trace	(carbon disulfide)				
								trace	(2-butanone)				
Detection Limit		0.5	2.5	2.5	2.5	2.5	5.0	0.010		125.0	125.0	0.05	0.5
STLC (mg/L)		1.0	560	25	20	50	*	*		*	*	5.0	25.0
TTLC		100	2,500	2,500	2,000	1,000	*	*		*	*	1,000	2,500

[1] Cd = Cadmium; samples analyzed using EPA Method 7130
[2] Cr = Chromium; samples analyzed using EPA Method 7190
[3] Cu = Copper; samples analyzed using EPA Method 7210
[4] Ni = Nickel; samples analyzed using EPA Method 7520
[5] Pb = Lead; samples analyzed using EPA Method 7420
[6] Sn = Tn; samples analyzed using EPA Method 6010
[7] Samples collected at soil-groundwater interface; samples analyzed using EPA Method 8240
[8] Oil and Grease; samples analyzed using method SMWW 17:5520E&F (503D and 503E, total and non-polar, respectively)
[9] WET = Waste Extraction Test: CCR Title 26 Section 22-66700

Notes: ND = Not detected
-- = Not analyzed
* = No TTLC or STLC values are identified for these substances in CCR Title 26
Samples 1 through 10 were collected by BASELINE on 6 September 1990; samples 11 through 15 were collected by BASELINE on 7 September 1990.

Volatile Organic Compounds

Those soil samples collected at the soil-groundwater interface, were also analyzed for volatile organic compounds (EPA Method 8240). Compounds were identified above detection limits at sample locations SB-1, 2, 4, 5, 6, 8, 9, 11, 12, and 15 (Figure 2). The compounds identified were acetone, carbon disulfide, 2-butanone, 1,2-dichloropropane, toluene, total xylenes, and a trace of benzene. There are no STLC or TTLC values for any of these compounds; however, most of the compounds are listed in CCR Title 26 as having at least one potentially hazardous property.

Oil and Grease

Samples collected from borings located in areas of stained soil were analyzed for total and non-polar oil and grease (Method SMWW 17:5520E&F). Samples were collected from locations SB-8 and SB-15 from depths ranging from 0.5 to 4 feet below ground surface (Figure 3). Total oil and grease and non-polar oil and grease levels ranged from 230 mg/kg to 18,000 mg/kg and 350 mg/kg to 7,800 mg/kg, respectively. CCR Title 26 does not specify a hazardous threshold level for oil and grease.

HAZARDOUS WASTE REMOVAL ACTIVITIES

In accordance with the September 1989 work plan (Appendix A), BASELINE removed and disposed of waste containers at the site. The waste was present in various containers located throughout the site. The containers and their known contents were inventoried in the September 1989 work plan (Appendix A). The contents of the containers included paints, oils, solvents, grease, gasoline, adhesives, and acid; some contents were unknown. The Port of Oakland made significant efforts to secure the site; however, because of the nature of site activities, complete restriction was difficult to achieve. Therefore, the containers were placed inside a fenced, secured area on the property (Figure 3). BASELINE contracted with North State Environmental (NSE) of South San Francisco to characterize the waste, collect samples for laboratory analyses where necessary, profile the waste for disposal at an appropriate disposal facility, and transport the waste in properly labelled containers under manifest to the disposal facility. Copies of Uniform Hazardous Waste Manifests (manifest) are included in Appendix G.

Boat repair and maintenance activities continued to occur on the site by private boat owners throughout the preliminary remedial investigation. In spite of the Port of Oakland's efforts to stop this practice, the boat owners continued to generate waste oils, paints, and thinners; these wastes were left on the site in plastic buckets and other containers on several occasions. Upon discovery of the waste containers, BASELINE or NSE moved the containers into the fenced, secured area. Following discovery of the wastes on each occasion, the wastes were characterized and profiled for disposal.

In two 55-gallon drums containing soil cuttings were generated during drilling and sample collection activities. A sample was collected from each drum and analyzed for lead. Based on the results of the analysis, the drums were picked up and transported by NSE to Environmental Services, Inc. in Idaho in November 1990. Copies of the manifests are included in Appendix G.

Remaining Hazardous Waste at the Site

To date, the majority of hazardous waste containers has been removed from the site and transported to appropriate disposal facilities. Nine 55-gallon drums containing grease, polyurethane foam, and waste paints and thinners remain at the site. The drums and containers have been profiled for disposal at Solvent Services in San Jose and Environmental Services, Inc. in Idaho. Transport of the drums is pending approval by the disposal facilities.

In addition, one 55-gallon drum containing rinse water from steam cleaning was generated during drilling activities. The drum is labelled and is currently being stored in the fenced, secured area. Based on analytical results of soil sampling, the drum has been profiled for disposal at Solvent Services. Upon disposal facility approval, the drums will be removed for disposal under manifest. in November 1990.

Waste Characterization, Profile, and Disposal Procedures

NSE, under the supervision of BASELINE, characterized on-site wastes using standard HazCat field test methods. The field tests included tests for pH, flammability, combustibility, solubility, and water reactivity. Based on the field test results, samples were collected from selected containers for analysis in the laboratory. NSE profiled the waste to a designated disposal facility based on field test and laboratory analytical results. The waste was profiled for disposal/treatment by landfill or incineration. Following approval for disposal by the disposal/treatment facility, the wastes were transported under proper manifest to Solvent Services in San Jose, California, Environmental Services, Inc. in Idaho, or Marine Shale Processors in Louisiana.

Fuel Tanks

Five abandoned, empty fuel tanks were transported from the site under manifest by Dillard Trucking to Erickson, Inc. in Richmond in October 1990. The origin of the tanks is unknown; the tanks were probably once used as fuel tanks on boats and abandoned on the property by boat owners. The certificates of disposal for the fuel tanks are included in Appendix H.

CONCLUSIONS

Metals

Soluble concentrations of lead and copper exceeding STLC values were identified at sample locations SB-6, 9, 12, and 14. These locations are at approximately the same locations or immediately seaward from the locations where the County previously collected soil samples. The hazardous concentrations were identified at a depth of 0.5 to 1.5 feet below ground surface. The samples collected at greater depths did not exceed threshold limits. The source of these compounds could be associated with past on-site boat maintenance activities.

Tin was identified at sample locations SB-6 and 12, at 11.0 mg/kg and 6.2 mg/kg, respectively; however, there are no STLC or TTLC values for tin listed in CCR Title 26. The tin present in the soil may have been a component of tributyl tin, which has been used in the past in copper-based paint for the prevention of barnacle growth. While tributyl tin has been shown to be toxic to marine organisms, there are currently no regulatory limits.

Organics

Volatile organic compounds were detected at the soil-groundwater interface at sample locations SB-1, 2, 4, 5, 6, 8, 9, 11, 12, and 15. The source of these compounds may have been organic solvents associated with boat repair and maintenance.

Oil and Grease

Oil and grease was detected at sample locations SB-8 and 15, at depths ranging from 0.5 to 4.0 feet below ground surface (including the soil-groundwater interface). At location SB-8, the concentrations increased with depth, and at location SB-15, the concentrations decreased with depth. The high levels of oil and grease indicate that the groundwater may have been affected. The source of these compounds may have been on-site boat maintenance activities.

Removal of Hazardous Waste

The majority of hazardous waste containers at the site has been removed. A total of ten 55-gallon drums (including rinsate water) remain at the site. Preparation arrangements have been made for removal of the remaining waste containers. The containers will be transported for disposal once approval is received from the disposal facilities.

RECOMMENDATIONS AND WORK PLAN

Based on the results of this preliminary remedial investigation, BASELINE recommends that additional soil samples be collected, groundwater monitoring wells be installed, and remaining hazardous waste to be removed as part of the second phase of the remedial investigation. These recommendations are described in detail below, and constitute the work plan for Phase II of the remedial investigation.

Site Safety

All field activities would be conducted in accordance with a site safety plan. Field activities would commence after a permit from the Alameda County Flood Control and Water Conservation District Zone 7 and utility clearance established through Underground Service Alert are secured.

Collection of Additional Soil Samples

To further quantify the lateral extent of soil contamination, discovered by BASELINE and the County, additional soil samples would be collected at four locations, at 5- and 10-foot radii from previous sampling locations, where soluble metal concentrations exceeded STLC (locations 6, 9, 12, and 14 on Figure 2). The samples would be collected from two depths at each location: 0.5 to 1.0 feet and 1.0 to 1.5 feet. All samples would be analyzed for total and soluble lead (EPA Method 7420) and the samples collected from around sample location SB-12, would also be analyzed for total and soluble copper (EPA Method 7120). The results of the sample analyses would assist in determining soil remediation strategies.

Samples would be collected from soil borings drilled by Aqua Science Engineers (ASE) of San Ramon. The borings would be drilled using a hollow-stem auger. The drilling equipment would be steam-cleaned on-site prior to each boring; the rinsate, as well as drill cuttings, would be temporarily stored on-site in labelled 55-gallon drums.

Soil samples would be collected using a California Modified sampler (2-inch diameter) fitted with 6-inch brass liners; the sampler would be driven into the ground by a 140-pound hammer. Upon retrieval of the sample, the brass liners would be removed from the sampler, capped with aluminum foil and plastic caps, taped, labelled, placed in a zip-lock bag, and refrigerated. The samples would then be submitted under chain-of-custody to Curtis and Tompkins, Ltd., a Department of Health Services certified laboratory. Sampling equipment would be decontaminated with TSP and deionized water between each sampling event. Following collection of samples, the boreholes would be backfilled to grade using a cement/bentonite grout.

Monitoring Well Installation

Were SB-8 & SB15 chosen solely from observed staining ? (TOG), it would seem Reg. Org. should also be analyzed at least as much as TOG

To evaluate the potential groundwater effects from oil and grease and organics in the unsaturated soils, two groundwater monitoring wells would be installed at sample locations SB-8 and SB-15. The wells would be installed in accordance with Zone 7 requirements. Following installation of the wells, groundwater samples would be collected and analyzed for metals, volatile organic compounds, and oil and grease (total and hydrocarbon). All work associated with well installation would be supervised by a geologist registered in the State of California.

-624-

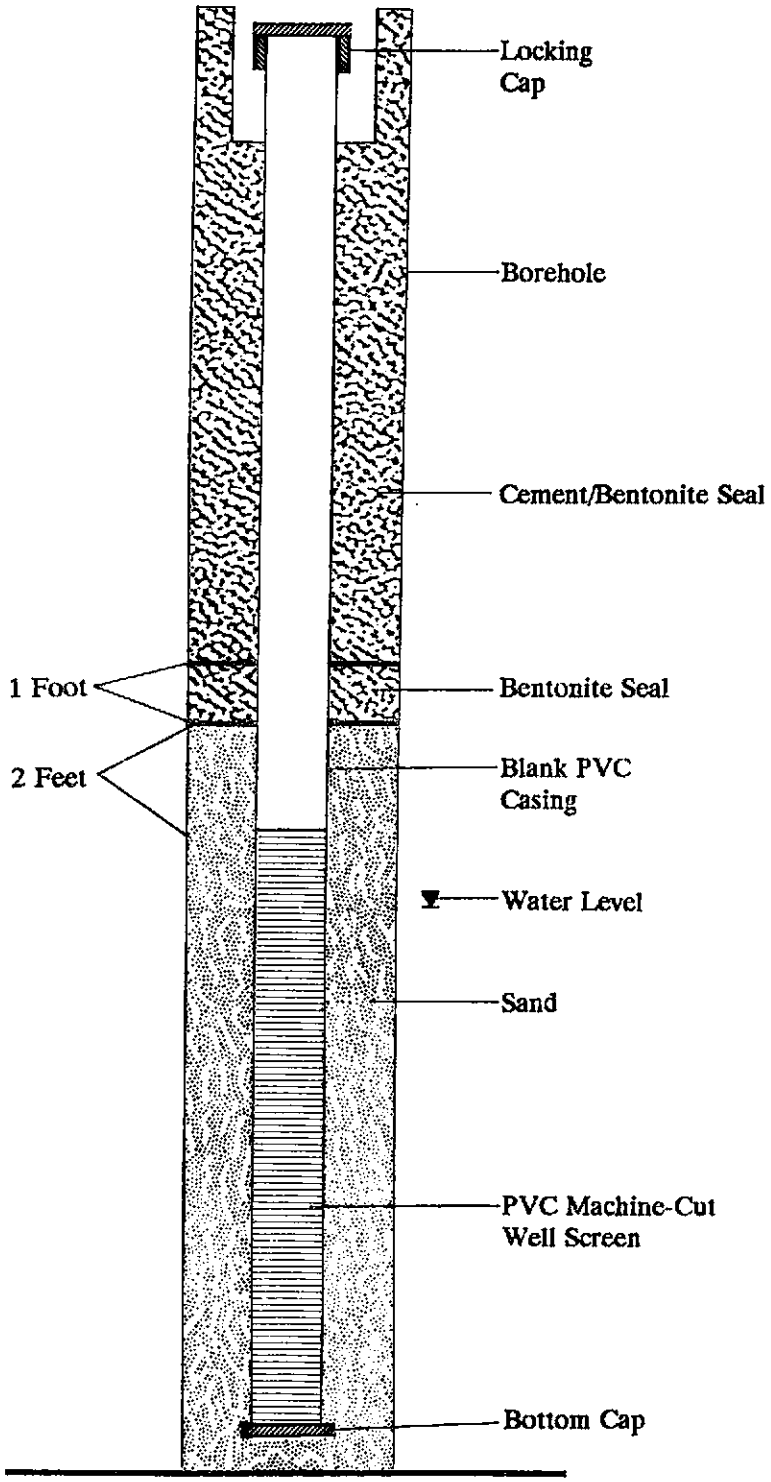
at least 10' into aquifer

.01" ?

The wells would be installed by ASE and would be constructed with 2-inch PVC casing with a 10-slot screen. The wells would be drilled to a maximum depth of 20 feet, with a maximum screened interval of 15 feet. A typical well construction diagram is shown in Figure 4. The wells would be drilled using a hollow-stem auger; the annular space between the borehole and the well would be filled with sand overlain by bentonite and grout. The installation would be completed with a locking well cap and a traffic box set in concrete.

MONITORING WELL CONSTRUCTION DETAILS

Figure 4



BASELINE

All drilling equipment would be decontaminated by steam-cleaning before mobilization onto the site and between each monitoring well location. Drill cuttings and decontamination rinsate would be stored temporarily on-site in labelled 55-gallon drums.

Following well installation, the wells would be developed by pumping and surging until fines have been removed from the development water. After 24 hours, the wells would be checked for floating product and water levels with a dual-interface probe. The wells would be sampled after purging of a minimum of five well volumes. Purged water, including well development water, would be temporarily stored on-site in labelled 55-gallon drums.

Groundwater samples would be collected from each well using a clean disposable bailer. The samples, including one duplicate sample and a field blank, would be transferred directly into pre-cleaned glass vials, iced, and transported to Curtis and Tompkins under chain-of-custody. The samples would be analyzed for lead (EPA Method 7210), copper (EPA Method 7420), and volatile aromatics (EPA Method 602). (Check 602 compds

5/B VOA 624

acetone
carbon disulfide
MEK
1,2, dichloropropane

Oil & grease

Removal of Remaining Hazardous Waste

The remaining hazardous waste containers at the site would be removed and disposed of in accordance with federal and state statutes and regulations. The collection of additional samples and well installation would generate additional 55-gallon drums containing soil cuttings, rinsate water, and well development water. Arrangements for the removal and disposal of these drums would be made following receipt of analytical results of soil and groundwater sampling.

Reporting

Following receipt of analytical results, BASELINE would prepare a report documenting the additional field work, evaluating analytical data, and providing recommendations for further remedial investigation and/or actions. Copies of the report would be submitted to the Alameda County Hazardous Materials Division and the Regional Water Quality Control Board, San Francisco Bay Region.

Proposed Schedule of Activity

The second phase of the remedial investigation would begin following approval of this work plan by Alameda County. Collection of the additional samples and installation of the monitoring wells would occur within three weeks of authorization from the County and the Port of Oakland to begin. Laboratory results would be available within seven weeks of authorization to begin, and a report would be submitted within ten weeks of authorization to begin. Removal of remaining waste currently stored on-site would be completed within the ten-week period. Removal of additional waste generated during drilling activities would be completed within five weeks following receipt of analytical results from soil sampling.

LIMITATIONS

The conclusions presented in this report are professional opinions based on the indicated data described in this report. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study. Changes in the conditions of the subject property can occur with time, because of natural processes or the works of man, on the subject sites or on adjacent properties. Changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

APPENDIX A

WORK PLAN TO CONDUCT PRELIMINARY REMEDIAL INVESTIGATION
(September 1989)

WORK PLAN FOR REMEDIAL INVESTIGATION
SEABREEZE YACHT CENTER, INC.
Oakland, California

Prepared for

PORT OF OAKLAND
Oakland, California

September 1989

Prepared by

BASELINE ENVIRONMENTAL CONSULTING
5900 Hollis Street, Suite D
Emeryville, California 94608
415/420-8686

S9-139

WORK PLAN FOR REMEDIAL INVESTIGATION
SEABREEZE YACHT CENTER, INC.
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S9-139

BASELINE

ENVIRONMENTAL CONSULTING

11 September 1989
S9-139

Ms. Michele Heffes
PORT OF OAKLAND
77 Jack London Square
Oakland, California 94607

Subject: **Remedial Investigation Work Plan for Soil Contamination at Seabreeze Yacht Harbor, Inc. in Oakland, CA**

Dear Michele:

Enclosed please find five copies of the finalized work plan for investigation of soil contamination at the Seabreeze Yacht Center, Inc. Should you have any questions regarding this report or need additional information, please call us at your convenience.

Sincerely,

Yane Nordhav
Principal
Reg. Geologist No. 4009

Marta Williams
Associate

YN/MW/cr/S32

Enclosure

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WORK PLAN FOR REMEDIAL INVESTIGATION
SEABREEZE YACHT CENTER, INC.
280 6th Avenue, Oakland

I. INTRODUCTION

The following work plan is submitted in response to a certified letter received by the Port of Oakland from the Alameda County Department of Environmental Health, Hazardous Materials Program (County) on 4 August 1989. The letter notified the Port that the Seabreeze Yacht Center (Seabreeze), located on Port property at 280 6th Avenue, Oakland, California, was in violation of the California Health and Safety Code, Section 25189 (d), and the California Code of Regulations Title 22 (Title 22), Sections 66699 and 66328. The County has requested that the Port submit a plan for assessing contamination at this site. The Port has retained BASELINE Environmental Consulting to prepare this plan.

A. Scope of Work

The remedial investigation work plan provides information on available historical site ownership and use data for the property at 280 6th Avenue in Oakland, including a description of types and locations of hazardous materials known to have been used on-site; a description of the site setting and initial soil contamination results; the methods and procedures to be used in determining the lateral and vertical extent of identified soil contamination; the methods and procedures to be used to characterize and dispose of drums and containers located on-site; a plan for determining groundwater contamination; a site safety plan; a discussion of report procedures; and a proposed schedule.

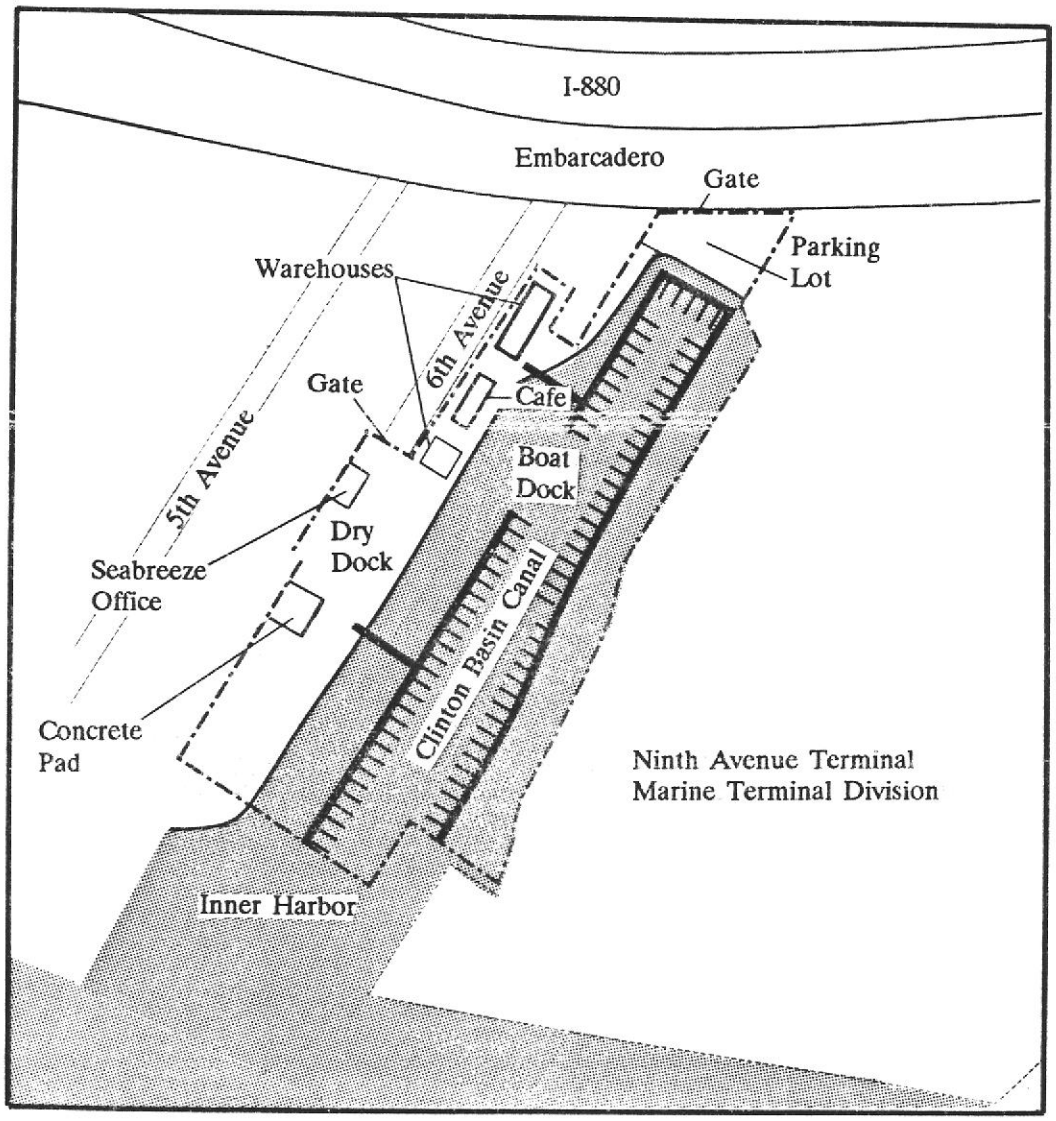
B. Site History

Site Ownership

The property consists of approximately nine acres (Figure 1), located at the foot of 6th Avenue. Approximately two acres are used as dry dock for small boat repair and maintenance. The Clinton Basin

SITE PLAN
Seabreeze Yacht Center
Oakland, California

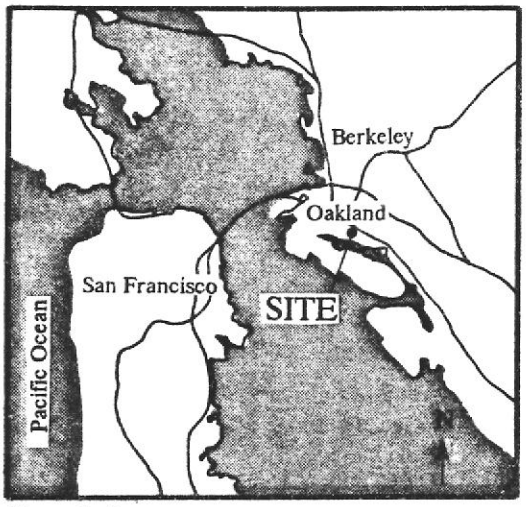
Figure 1



Legend:

Site Boundary

0 300 Feet



Not to Scale

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Canal occupies approximately six and one-half acres and about 100 boats are currently berthed there. The remaining one-half acre is a parking lot located adjacent to the Embarcadero (see Figure 1).

The earliest recorded owner of the site in the Port of Oakland files dates to 1905. At that time the property was owned by the Oakland Harbor Development Company and the Magnesite Dock and Land Company. No information for the period between 1905 and 1929 was available from the Port of Oakland files. The property was owned by the Pacific Carbonic Gas Company in 1929, but no information on the ownership history during the intervening years between 1929 and 1946 was available. In 1946, the PORT of Oakland purchased the property from Richfield Oil Corporation (BASELINE Communication with Robert Jones, PORT of Oakland, 8 June 1989).

The PORT of Oakland's record of tenants for the site indicate that it was leased to Kamelart Boat Works in 1955. In 1961 the property was leased to Hans Glaser Boat Service Inc. (aka Seabreeze Yacht, Inc.) which has operated on the site since 1961 to the present.

Historical Site Uses

Aerial photographs from Pacific Aerial Survey were reviewed for the years 1947, 1953, 1959, 1969, 1975, 1981, 1985, and 1988. Throughout these years, the photographs indicate the presence of one large building and numerous small boats in dry dock on the property. Large vessels, presumably Navy ships, are visible in Clinton Basin, which is adjacent to the site, in the 1947 photograph. The 1985 photograph shows a dry dock repair area in the triangle of land which is currently an asphalt-paved parking lot (see Figure 1).

Historical Sanborn Insurance company maps for the area dating to 1911 and a map of the area published in 1868 in the Map of Oakland and Vicinity, by W. F. Boardman, indicate that the site was formerly the approximate location of the historic outlet between Lake Merritt and the Oakland Estuary/San Antonio Creek. The nature of any fill material which may have been used to create the site is not known.

There was no information on this property in the United States Environmental Protection Agency (EPA) data bases searched by BASELINE. Nor was there any information in the State of California, Department of Health Services (DHS) data bases for this site. The site has never operated under a National Pollution Discharge Elimination System permit, for discharge of wastewaters to the waters of the State, according to files reviewed at the Regional Water Quality Control Board. The East Bay Municipal Utility District does

not list this site as ever having been permitted to discharge industrial wastewater to the utility's wastewater treatment plant.

History of County Involvement at Site

The site was inspected by Mr. Thomas Peacock of the County in 1985, 1986, and 1987; paint sandblast waste, used oil, and used thinners were identified on-site, but no formal action was taken by the County as a result of these inspections (BASELINE communication with Ariu Levi, Alameda County Hazardous Materials Division, 7 June 1989). On March 24, 1988, Seabreeze filed for bankruptcy. In 1988, Mr. Ariu Levi performed the County site inspection and collected soil samples on-site. As described in detail in the following section on "Initial Soil Contamination Results", the samples Mr. Levi collected were found to be high in copper and other metals. A Notice of Violation describing the levels of metals found in soils and delineating corrective action required by the County was sent by certified mail to Seabreeze on October 20, 1988. Seabreeze responded by mail to the County on November 16, 1988 indicating that further soil sampling would by conducted on-site and that results would be forwarded to the County. Since that time, there is no record of sampling having been conducted by Seabreeze.

A motion was filed by the Port on May 8, 1989 for an Order declaring Seabreeze's lease with the Port deemed rejected by operation of law. On July 31, 1989, after oral argument was presented, the Court ruled that Seabreeze's lease was deemed rejected by operation of law and ordered the Trustee of the debtor's estate to vacate the premises by August 14, 1989. On August 3, 1989, the Alameda County District Attorney's Office notified the Trustee that as part of the Trustee's surrender of possession of the premises to the Port, the Trustee was required to properly manifest and remove the hazardous wastes on the premises. The Trustee and the Port are in the process of negotiating a stipulation which would result in compliance with the District Attorney's August 3, 1989 notice to the Trustee.

Site Reconnaissance

BASELINE conducted three site reconnaissances of this property. During the first, on 8 June 1989, approximately 25 small sail and power boats, at an average size of 30 feet, were present in dry dock on the property (Figure 1). Boat owners were observed hand sanding and painting the boats. Except for a small parcel of the property, an area of approximately 20 by 50 feet, the dry dock boat repair activities are

carried out on unpaved soil. A slight discoloration, possibly from oil, was observed under some of the boats in dry dock.

Oily discoloration was also observed in the following two drum storage areas: 1) The first area was located toward the back of the lot and 2) on the opposite side from the Basin, where twelve 55-gallon drums were stored on a pallet against the fence. Most drums were open and appeared to be filled with waste oil. One closed drum was labeled as flammable and was a Kopper Chemical drum (contents otherwise unknown). The second drum storage area was adjacent to the office at the end of 6th Avenue. Six drums of unknown content were observed there. In both cases, the stained soil areas were approximately five feet long by five feet wide.

The second site reconnaissance was conducted on 9 August 1989. Forty-three closed 55-gallon drums and more than one hundred other containers, ranging in size from two pints to five gallons were inventoried. The contents of the 55-gallon drums and the smaller containers were verbally described to BASELINE by employees of Seabreeze. The specific contents of each drum and container are described below in the section entitled "Characterization, Removal, and Disposal of On-site Drums and Containers". It appeared that some of the drums were mislabelled (based on interviews with on-site personnel). MSDS information was not available.

The third site reconnaissance was conducted on 28 August 1989, for the purpose of finalizing the soil sampling plan. Site buildings were inspected and no evidence of hazardous materials/waste usage or spillage was evident inside any of the buildings. The small one-half foot strip of land included in the site boundary on the south side of Clinton Basin Canal is not accessible to pedestrians or boats. BASELINE concluded that contamination of this site by tenants or lease-holders of Seabreeze was unlikely. No stained soils or stressed vegetation were observed in this area.

II. SITE DESCRIPTION

A. Setting

The Seabreeze site is adjacent to the Oakland Inner Harbor (see Figure 1). Industries in the area include boat works, restaurants, marine supply stores, and yacht sales. The Ninth Street Marine Terminal is located

to the south, and I-880 is located a few hundred yards to the northeast of the site. The depth to shallow groundwater on-site is expected to be approximately four feet based on the distance from the site ground surface to the high tide water line in Clinton Basin Canal. The flow of shallow groundwater on-site would be expected to be toward the open waters of the Oakland Inner Harbor.

B. Initial Soil Contamination Results

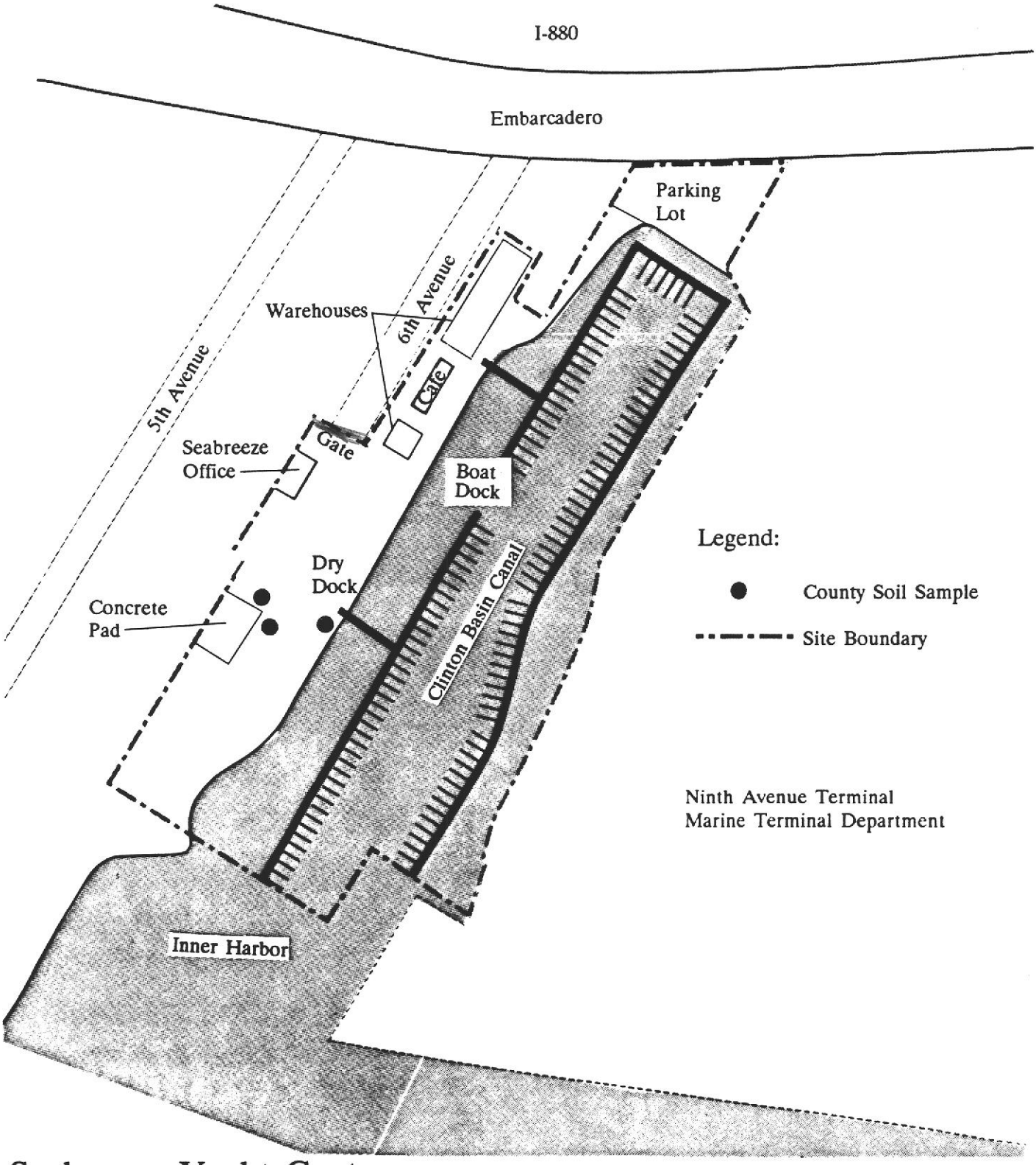
On 28 July 1988, Mr. Levi of Alameda County inspected the site and collected three soil samples for analysis. The samples were collected at a depth of three to six inches from the ground surface from the central portion of the site as shown in Figure 2 (BASELINE communication with Ariu Levi, Alameda County Hazardous Materials Division, 7 June 1989). The samples were analyzed for the following total metals using EPA Method 3020 for sample preparation: cadmium (Method 7130), chromium (Method 7190), copper (Method 7120), lead (Method 7420), nickel (Method 7520), and tin (atomic emission spectroscopy). The analyses were performed by the Alameda County Environmental Health Laboratory.

Two of the three soil samples contained copper in concentrations exceeding the DHS criteria for the definition of hazardous wastes contained in Title 22. The Total Threshold Limit Concentration (TTLC) for copper is 2,500 mg/kg according to Title 22; the copper concentrations in the two samples exceeding the TTLC were 33,000 and 4,000 mg/kg, respectively. The remaining metals which were analyzed for in the collected samples did not exceed the TTLC concentrations, but were present above laboratory detection levels.

Tin was identified in the soil samples. However, there is no TTLC for tin in Title 22. Because tri-butyl tin has been used as extensively as copper-based paint for the prevention of barnacle growth, it is possible that the site soils may contain some level of this chemical. Tri-butyl tin is extremely toxic to marine organisms, causing neurotoxicity, retarded regeneration, and deformity in crustaceans at levels equal to or greater than 0.5 micrograms per liter (personal communication, Pesticide Hotline, June 8, 1989). The concentrations of total tin in the collected samples ranged from 600 to 5,000 mg/kg. The use of this chemical in marine paints has been generally discontinued and will probably by prohibited by Environmental Protection Agency regulations to be promulgated in September of this year (BASELINE communication with Pesticide Hotline, 8 June 1989). No regulatory limits currently exist for tri-butyl tin.

APPROXIMATE LOCATION OF COUNTY SOIL SAMPLES

Figure 2



Seabreeze Yacht Center
Oakland, California

Source: BASELINE Communication with Ariv Levy, Alameda County Hazardous Materials Division 8 June 1989.

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III. CHARACTERIZATION OF CONTAMINATED SOILS

A. Methods and Procedures

Soil sampling to be conducted on-site will have two objectives: 1) to further quantify the lateral and vertical extent of soil contamination discovered by the County, and 2) to quantify the lateral and vertical extent of chemical compounds that may be present in soils elsewhere on-site. During site reconnaissance BASELINE determined that soil samples should be collected from the dry dock area and from the parking lot which had formerly been a dry dock. The lateral extent of soil contamination discovered by the County will be determined by sampling downgradient from the approximate locations of the County sample sites (see Figures 2 and 3). Vertical quantification will be achieved by resampling in approximately the same locations as the County and sampling at specific intervals (specified below) until the soil-groundwater interface is reached (see Figures 2 and 3).

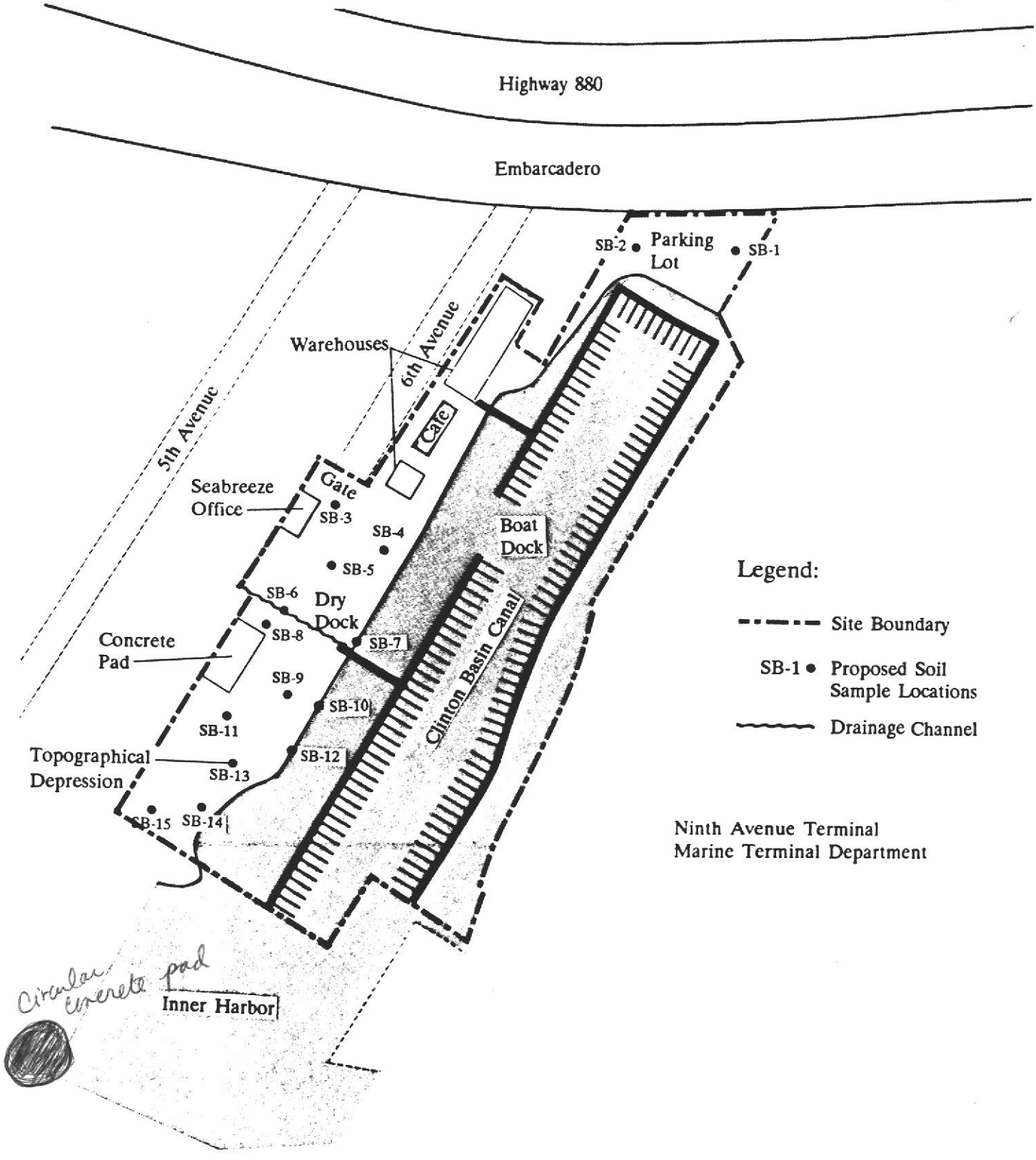
To quantify possible presence of metals and volatile organic compounds in the dry dock area samples will be collected at all locations where stained soils were observed; along the mud in Clinton Basin Canal near a drainage channel on-site; at areas of depression where water might pool; and in boat dry dock berths (see Figure 3). Two samples will be collected from the parking lot. All samples will be collected at a depth of six inches, at one foot, and subsequently at two-foot intervals until the soil-groundwater interface is reached. Figure 3 shows proposed soil sampling locations.

Sample collection will follow state and federal guidelines (Appendix A), and all work on-site will be conducted according to a site-specific health and safety plan (Appendix B). BASELINE staff member William Scott will collect the soil samples on-site. Soil boring will be completed by AquaScience, a subcontractor to BASELINE based in San Ramon, California. Subsequent to drilling and sampling at each boring location, the boring will be grouted. No open bore holes will remain in place at the end of any day when drilling has occurred. All samples will be refrigerated and brought to the laboratory for analysis under strict chain-of-custody (Appendix A and C).

The analytical laboratory will be Curtis and Tomkins, located in Berkeley, California. This laboratory is certified by the State of California to perform the required chemical analyses. All samples collected will be analyzed for the metals detected by the County. Samples collected at the soil-groundwater interface will also be analyzed for volatile organic compounds to determine whether use of solvents on-site may have

PROPOSED SOIL SAMPLING LOCATIONS

Figure 3



Seabreeze Yacht Center
Oakland, California

BASELINE

affected soils and could potentially constitute a threat to the groundwater. Samples collected in areas of stained soils will be analyzed for metals and for oil and grease. The following methods specified by the EPA will be used to analyze soil samples:

Cadmium - Method 7130
Chromium - Method 7190
Copper - Method 7210
Lead - Method 7420
Nickel - Method 7520
Tin - Atomic Emission Spectroscopy
Volatile Organic Compounds - Method 8240
Oil and Grease - Method 503D and E.

B. Security

A chain link fence surrounds the property, and the gate leading into the property will be locked after working hours. Any soil cuttings and rinse water generated from sampling and equipment decontamination will be placed in 55-gallon drums to be stored on-site. Each drum will be labeled and locked.

C. Management of Soil Cuttings

All drill cuttings will be stored on-site in 55-gallon drums until laboratory analyses are completed. Drums will be marked to identify the sample numbers which correspond to the drill cuttings contained in each drum. Once analyses are completed each drum will be properly labeled as hazardous or non-hazardous according to regulations set forth in the EPA 40 Code of Federal Regulations (40 CFR), Parts 260 through 280 and Title 22. The disposition of each drum will also be determined in conformity with these regulations. Once appropriate disposition has been determined, BASELINE will subcontract the work of drum removal and disposal to Hydro-Chem Services, Inc., located in San Francisco, California. Transportation of hazardous wastes is conducted according to the above-referenced regulations and in accordance with the Department of Transportation regulations contained in 49 CFR and Title 22. All hazardous wastes will be transported according to hazardous waste manifest procedures outlined in 40 CFR and Title 22.

IV. CHARACTERIZATION, REMOVAL, AND DISPOSAL OF ON-SITE DRUMS AND CONTAINERS

A. Description of On-site Drums and Containers

During the site reconnaissance on 9 August 1989, Seabreeze employees identified the following drums and containers, present on-site[1]:

- Nine 55-gallon drums contained paint.
- One 55-gallon drum contained crank case oil.
- Two 55-gallon drums contained urethane foam.
- One 55-gallon drum contained gasoline.
- Five 55-gallon drums contained waste oil.
- One 55-gallon drum was labelled as containing carboxymethyl cellulosis.
- Seven 55-gallon drums contained grease.
- One 55-gallon drum contained water.
- Fourteen 55-gallon drums were empty.
- About thirty 5-gallon containers contained paint.
- About ten 250-ml bottles contained hydrochloric acid.
- About twenty-five less-than-five-gallon containers contained paint.
- About twenty less-than-five-gallon containers contained sealing compound.
- Two 5-gallon buckets contained gasoline.
- Two 5-gallon containers contained an unknown substance.
- One 5-gallon container contained pinion grease.
- About ten containers were observed to be empty, but had contained motor oil.

B. Characterization of Drum and Container Contents

BASELINE will field screen the on-site drums and containers using standard HazCat methods. Unused product containers and drums will be identified by labels. If HazCat procedures are inconclusive, the drum contents will be sampled and submitted to the laboratory for analysis. After sampling, all 55-gallon drums

---

[1]Two 55-gallon drums, one containing hydraulic oil and the other containing motor oil, were described as belonging to one of the employees, and it was indicated that these drums would be removed immediately by the owner of the drums.

will be fitted with individual locks and remain on-site pending the results of the analytical analyses. Smaller containers will be secured in overpack drums according to compatibility. BASELINE staff members Marta Williams and Teresa Anaya will assist Hydro-Chem in characterizing on-site drums and containers.

C. Removal and Disposal

Once analyses are completed and all drum/container contents have been identified, labels will be applied and disposal will be carried out by Hydro-Chem. The applicable regulatory guidelines, previously cited in the discussion of drill cutting disposal, will be followed.

V. CHARACTERIZATION OF GROUNDWATER CONTAMINATION

Characterization of groundwater contamination is tied to the analytical results of soil sampling. Wherever soil contamination has reached the soil-groundwater interface, further investigation to determine whether groundwater has been contaminated will be required. At present, it cannot be determined whether a groundwater investigation will be warranted on the site. The documentation discussed in the following "Reporting" section of this work plan will include recommendations for specific groundwater investigation activities which will be based on the results obtained from the soil sampling activities on-site.

VI. REPORTING

After receipt and evaluation of the analytical results for collected soil samples BASELINE will submit a preliminary report to the Port detailing the laboratory results, documenting all soil sampling activity, and describing any activities undertaken with regard to disposal of drums, containers, drummed drill cuttings, and decontamination rinse waters located on-site. The report will include specific recommendations and provide a schedule of activity for a groundwater investigation at the site, if soil sample analytical results indicate potential contamination of groundwater has occurred. Upon completion of groundwater investigations, the preliminary report would be revised and submitted to the County as a final report documenting all remedial investigative work that has occurred on-site. All reports will be signed by BASELINE's principal, Yane Nordhav, a registered geologist, whose qualifications are provided in Appendix D of this work plan.

VII. PROPOSED SCHEDULE

After work plan approval from the County, BASELINE will begin work on-site immediately upon notification from the Port. Soil sampling activity will require approximately two weeks. Sample analysis requires approximately three weeks. Screening and analysis of drums and containers on-site will be conducted concurrently and should also be completed by the fifth week of the investigation. Disposal of drums and containers requires approximately two additional weeks. By the eighth week the draft preliminary report will be submitted to the Port. As soon as the Port has commented on the draft, the report can be finalized and submitted to the County within one week. The details and schedule for any groundwater investigation which may be required will be specified in the preliminary report.

SAMPLING PROCEDURES

SOILS

1. In-place soil samples are collected with a stainless steel corer, fitted with a 6-inch brass liner. The corer is driven into the ground by a slide hammer. The brass liner is removed from the steel corer, capped with aluminum foil and a plastic cap,t aped with masking tape, placed in a zip-lock bag, and iced prior to delivery to the laboratory for analysis. Proper chain-of-custody and sample labeling procedures are followed.

2. All sampling equipment is decontaminated with tri-sodium phosphate (TSP) and deionized water prior to collection of each sample.

3. In-place soil samples may also be collected during drilling activities. The samples are collected with a California Modified sampler (2-inch diameter) fitted with 6-inch brass sleeves. The sampler is driven into the ground by a 140-pound hammer falling 30 inches. The samples are handled similarly to the procedures described above and the equipment is decontaminated in the same fashion.

DRUMS AND CONTAINERS

1. Liquid samples are collected using glass pipets, drum thief, liquid sampler. Solids are collected using spade or dipper. Samples are transferred to glass containers. Lids will be Teflon-lined. In the case of strong bases, hydrofluoric acid or phosphoric acid, Teflon sample equipment will be used.

2. Usually, sample equipment is disposed in the drum being sampled after each sample. If decontamination is required, the solvent to be used will be determined based on the characteristics of the waste as determined by HAZ CAT procedures.

3. Volatile samples are collected in 40 ml vials. Other samples are collected in liter containers.

4. Photosensitive samples are stored in amber sample containers.

5. All field-determined HAZ CAT information will be transferred to the laboratory along with the samples.

6. Sample labeling and transporting follows the same procedures outlined for soil sampling.

BASELINE Environmental Consulting
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

SITE SAFETY PLAN

Project No.: S9-139

Field Activities Date:

Client: Port of Oakland

Address: 77 Jack London Square, Oakland, CA

Contact Person: Michele Heffes

Telephone No.: (415) 839-2656

Job Location: 280 6th Avenue, Oakland, CA

Project Description: Characterization of soil contamination at Seabreeze Yacht Center. Soil sampling (drilling to be done by Aqua Science of San Ramon, CA). Oversight of sampling of drums and containers (sampling to be conducted by Hydro-Chem Services, San Francisco). Drums may contain waste oil, paint, solvents. Both subcontractors will submit proof of site safety plan and employee training before work, but plans will not be evaluated by Baseline.

Project Manager: Marta Williams

Site Health & Safety Manager: Irene Kan

Site History: Site has been a boat yard since early 1900s. Alameda County Hazardous Materials Division sampled soil and found hazardous waste levels of copper and high levels of nickel, tin, and lead. County requested characterization of site, which is owned by Port.

CHEMICAL HAZARDS

CHEMICAL NAME	DESCRIPTION	HEALTH & SAFETY STANDARDS	PERSONS EXPOSED* AND POTENTIAL ROUTES OF EXPOSURE	SYMPTOMS OF ACUTE EXPOSURE
Tri-butyl tin	Marine paint	TWA-0.1 mg/m^3	Inhale, with heat will generate chlorine gas	Respiratory arrest, irritation
Lead	Inorganic in dust and soil	0.05 mg/m^3 - use high efficiency filter with respirator	Inhale, ingest, dermal	Usually long term: neurologic anemia, weight loss
Solvents	Can be carcinogenic; specific type unknown, probably volatile	At over 5 ppm above background, use air purifying respirator with organic vapor cartridge	Inhale, dermal	Dizzy and disoriented. Long term can be carcinogenic
Copper	In dust on-site	1 mg/m^1	Inhale, dermal, ingest	Long term: liver, kidney damage. Respiratory irritant
Nickel	In dust on-site	10 hr. TWA (NIOSH) 15 $\mu g/m^3$ 1 mg/m^3 (ACGIH)	Inhale, dermal, ingest	Can cause allergic reaction. Long term: possible carcinogen

* Contractor and samplers.

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Emeryville, CA 94608
(415) 420-8686

Physical Hazards: Fire, exploding drums, trip, possible cuts from scrap metal an debris on-site, possible injury from heavy equipment (e.g., drill rig).

Personal Protective Equipment Required: Tyveks, nitrite gloves, safety boots, safety glasses, first aid kit, air purifying respirator with high efficiency filter and organic vapor cartridge (for use during drum and container and soil sampling), hard hat, portable eye wash.

Air Monitoring Strategy (including action levels): Monitor drum area and drum openings before and during sampling. HNU - greater than 5 ppm, use respiratory (during soil and drum and container sampling); LEL meter - at greater than 20% LEL, stop work until return to less than 20%.

Site Control Measures: Store soil cuttings and decontaminated rinse water and contaminated personal protective gear (e.g., Tyveks) in labeled, locked drums. Arrange for disposal of same upon receipt of lab analyses for corresponding samples. Underground Service Alert will be contacted to get clearance before sampling. Site is fenced and gate will be locked during nonworking hours. Public will be restricted from sampling areas during sampling. All soils borings will be grouted after samples are collected. Only persons with hazardous waste, OSHA-required trianing will be involved in sampling. Drinking water located at Seabreeze warehouse and cafe. Clear area, decontaminated area will be designated. Copy of Site Safety Plan will be sent to subcontractors: 1) Aqua Science; 2)Hydro-Chem.

Decontamination Procedures (personal and equipment): Steam clean drilling augers between each boring, decontaminate soil sampling equipment with TSP, rinse equipment with deionized water. Contain rinse waters in temperature basin, store in labeled, locked drum. Dosposable sampling equipment will be stored in labeled, locked drum. Disposaable personal protective gear will be placed in plastic bag in locked drum end of each day. Boots, respirators, safety glasses wash with TSP and rinse. Rinse water stored in locked drum. Wash hands before leave site.

Hospital/Clinic: Peralta Hospital **Phone**: (415) 451-4900

Hospital Address: 450 30th Street, Oakland, CA

Paramedic: 911 **Fire/Police Dept.**: 911

Emergency Procedures: Notify Yane Nordhav or Irene Kan in emergency: (415) 420-8686.

Prepared by: Marta Williams **Reviewed/Approved by**:

Date: **Date**:

Read by: **Date**:

Read by: **Date**:

Read by: **Read by**:

BASELINE Environmental Consulting
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

See page 4 for map to hospital.

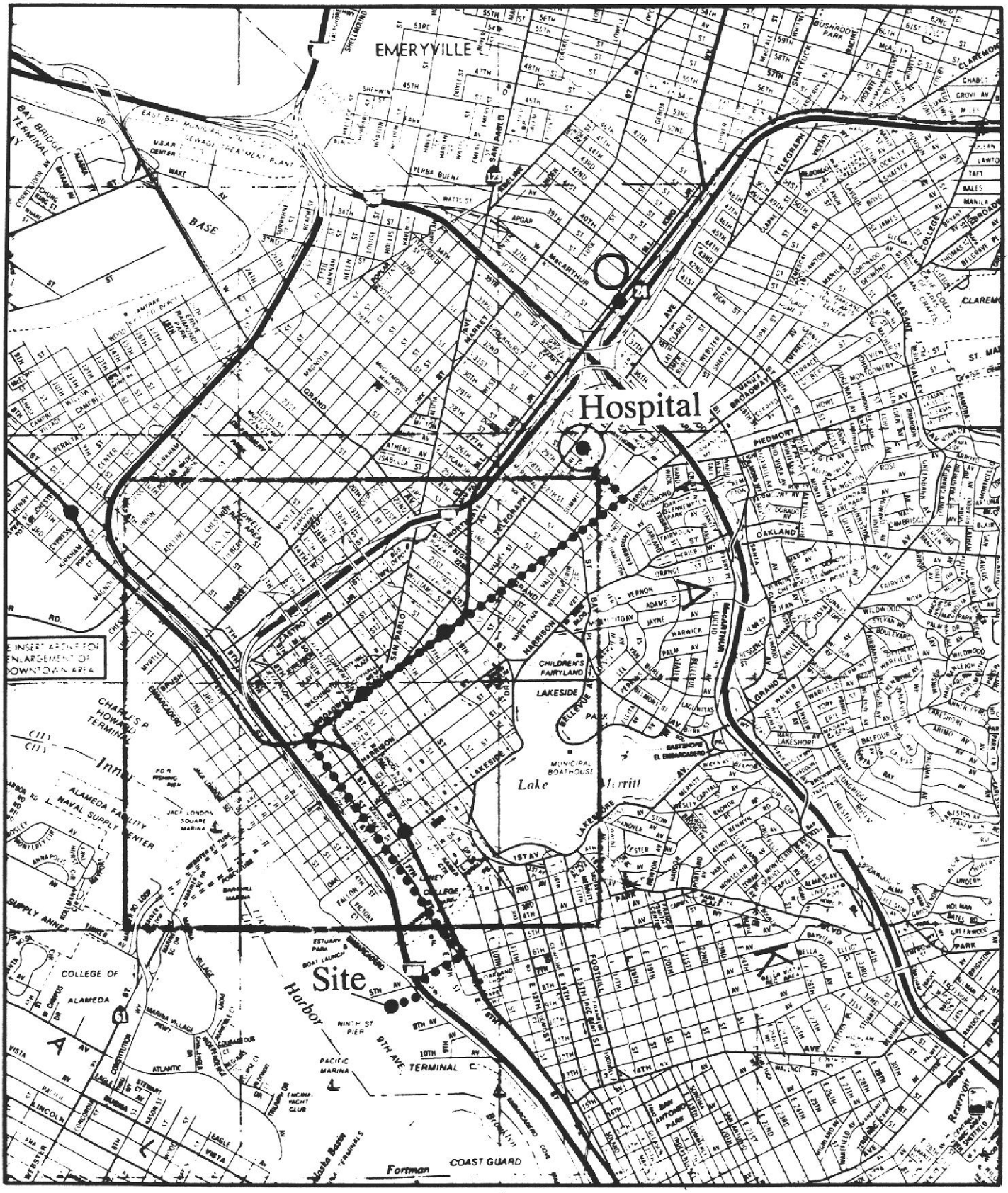
Hospital/Clinic: Peralta Hospital **Telephone No.**: (415) 451-4900

Hospital Address: 450 30th Street, Oakland, CA

Directions: Proceed north on 5th, west on 7th, north on Broadway, and west on 39th.

EMERGENCY ROUTE TO HOSPITAL

Figure 4



Seabreeze Yacht Center
Oakland, California

0 3000 Feet

BASELINE

BASELINE

5900 Hollis Street , Suite D
Emeryville, CA 94608
(415) 420-8686

CHAIN OF CUSTODY RECORD

Turn-Around Time _____

Lab _____

Contact Person _____

Project No.	Project Name and Location
Samplers: (Signature)	

No. Station	Date	Time	Media	Depth	Compo-sites	No. of Con-tainers	Station Location	Analysis	Remarks	Detection Limits

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Condition of Samples upon Arrival at Laboratory:
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Remarks :
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	

APPENDIX D

STATEMENT OF QUALIFICATION

APPENDIX C

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
ZONE 7 WELL INSTALLATION PERMIT

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE ♦ PLEASANTON, CALIFORNIA 94566 ♦ (415) 484-2600

GROUNDWATER PROTECTION ORDINANCE PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

(1) LOCATION OF PROJECT 280 6th Avenue
Oakland, California

(2) CLIENT
Name Port of Oakland
Address 530 Water Street Phone 272-1100
City Oakland, CA Zip 94607

(3) APPLICANT
Name BASELINE Environmental Consulting
Address 5900 Hollis St. "D" Phone 420-8686
City Emeryville, CA Zip 94608

(4) DESCRIPTION OF PROJECT
Water Well Construction ___ Geotechnical Investigation
Cathodic Protection ___ General
Well Destruction ___ Contamination X

(5) PROPOSED WATER WELL USE
Domestic ___ Industrial ___ Irrigation ___
Municipal ___ Monitoring ___ Other ___

(6) PROPOSED CONSTRUCTION
Drilling Method:
Mud Rotary ___ Air Rotary ___ Auger X
Cable ___ Other ___

DRILLER'S LICENSE NO. A, C-57 #487000

WELL PROJECTS
Drill Hole Diameter ___ in. Maximum
Casing Diameter ___ in. Depth ___ ft.
Surface Seal Depth ___ ft. Number ___

GEOTECHNICAL PROJECTS
Number of Borings 15 Maximum
Hole Diameter 8 in. Depth 10 ft.

(7) ESTIMATED STARTING DATE 6 September 1990
ESTIMATED COMPLETION DATE 7 September 1990

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

APPLICANT'S SIGNATURE [signature] Date 8/21/90

FOR OFFICE USE

PERMIT NUMBER 90535
LOCATION NUMBER

PERMIT CONDITIONS

Circled Permit Requirements Apply

A. GENERAL
(1.) A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
(3.) Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic, irrigation, and monitoring wells unless a lesser depth is specially approved.

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

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached.

Approved [signature] Date 31 Aug 90
Todd N. Wendler

APPENDIX D

SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION PERMIT

YANE NORDHAV

Yane Nordhav is the principal of Baseline Environmental Consulting. She is a registered geologist in California with a Masters of Science degree in geology. She has more than twelve years of experience in the environmental and hydrogeology fields. She is the principal-in-charge for BASELINE projects related to hazardous materials management, including soil and groundwater investigations, development of remedial actions, and site assessments.

As principal investigator, she has managed and conducted groundwater investigations on major Superfund sites involving sampling activities, monitoring well installations, and delineation of extent of contaminant plumes, and quality control/quality assurance programs.

For private clients, she has been the project manager for similar investigations within the semi-conductor industry and various other industries; these investigations involved contaminant characterization, development and implementation of remedial actions, and extensive regulatory agency coordination and negotiations.

Through her work, she has developed extensive working knowledge of regulatory requirements and established working relationships with regulatory agency staff on the state and local levels.

Ms. Nordhav is the principal manager for work related to obtaining land use and TSD facility permits for industrial clients, including manufacturers using or generating hazardous wastes and major hazardous waste disposal facility owners/operators.

In addition, Ms. Nordhav has been the project manager for the preparation of major environmental documents in California, including EIRs for controversial projects, ranging from open pit mines, hazardous waste disposal facilities, and housing projects. She was the project manager for the Homestake McLaughlin Gold Mine EIR/EIS, which received the 1983 award from the Association of Environmental Professionals as the Outstanding Environmental Document of the year.

Professional Registrations

Registered Geologist, California No. 4009

Registered Environmental Assessor No. 722

Professional Affiliations

Association of Engineering Geologists, San Francisco Chapter

Association of Women Geoscientists

Association of Environmental Professionals

Presentations and Publications

"The Long Journey from Discovery to Clean-Up of Superfund Sites", presented at the Annual Meeting of Association of Engineering Geologist, Boston, MA, 1984; published in the Bulletin of the Association of Engineering Geologists, Vol. 12:2, May 1986.

"Closure and Clean-up of Underground Storage Tanks"; a one-day training course presented at HAZMACON 1987 for Association of Bay Area Governments and to local implementing agencies throughout California for the State Water Resources Control Board.

825-1945

SITE SAFETY PLAN

Project No.: S9-171

Field Activities Date: Drum sampling and removal - 1/90; Soil sampling and removal, pending BCDC permit - 2/90

Client: Port of Oakland

Address: 77 Jack London Square, Oakland, CA

Contact Person: Michele Heffes

Telephone No.: (415) 839-2656

Job Location: Seabreeze Yacht Center, 280 6th Avenue, Oakland, CA

Project Description: Characterization of subsurface soil contamination, sampling of drum contents, and disposal of drums. Soil and drum sampling will be performed by subcontractors. BASELINE will provide oversight of sampling of soils, drums, and containers. Drum contents will be evaluated using Haz Cat procedure and laboratory analysis. Subcontractors will submit proof of site safety plan and employee training before field activities, but plans will not be evaluated by BASELINE. Contractors will be responsible for safety of their employees.

Project Manager: Teresa Anaya

Site Health & Safety Manager: Irene Kan

Site History: Site has been a boat yard since the early 1900s. Alameda County Hazardous Materials Division sampled soil and found hazardous waste levels of copper and high levels of nickel, tin, and lead. County requested characterization of site, which is owned by Port. Site contains numerous drums that contain liquid material.

Chemical Hazards:

CHEMICAL NAME	DESCRIPTION	HEALTH & SAFETY STANDARDS[1]	PERSONS EXPOSED[2] AND POTENTIAL ROUTES OF EXPOSURE	SYMPTOMS OF ACUTE EXPOSURE
Tri-butyl tin	Organo-tin	NIOSH recommended TWA=0.1 mg/m^3	Dermal (highly toxic), inhalation	Respiratory arrest, irritation
Lead	Inorganic metal, suspected carcinogen	0.05 mg/m^3 - use high efficiency filter with respirator	Inhalation, ingestion	Symptoms occur with chronic exposure
Solvents	Volatile chemical compounds; can be carcinogenic; specific chemicals unknown	Chemical-specific; use organic vapor cartridge with respirator	Inhalation, dermal	Dizziness, headache, disorientation, nausea
Copper	Metal	TLV=1 mg/m^3; use high efficiency filter with respirator	Inhalation, dermal, ingestion	Skin and respiratory irritation

(continued)

CHEMICAL NAME	DESCRIPTION	HEALTH & SAFETY STANDARDS[1]	PERSONS EXPOSED[2] AND POTENTIAL ROUTES OF EXPOSURE	SYMPTOMS OF ACUTE EXPOSURE
Nickel	Metal, carcinogen	TLV=1 mg/m^3; use high efficiency filter with respirator	Inhalation, dermal, ingestion	Allergic reaction, skin irritation
Diesel	Flammable liquid	No TLV	Dermal	Minor skin and eye irritation
Oil and grease	Generic	None	Dermal	Skin irritation
Hydrochloric acid	Corrosive	TLV=5 ppm	Inhalation, dermal	Burns to eyes and skin; nose and throat irritation

1 Standards refer to airborne concentrations to which nearly all workers may be repeatedly exposed daily without harmful effects. The concentrations are time-weighted averages for a normal 8-hour work period.

2 Contractor and sampling personnel.

Physical Hazards: Fire and explosion, scrap metal and debris, splashing liquids.

Personal Protective Equipment Required: Tyvek overalls, nitrile gloves, rubber boots, safety glasses, first aid kit, air-purifying respirator with high efficiency filter and organic vapor cartridge (for use during drum, container, and soil sampling), hard hat.

Air Monitoring Strategy (including action levels): Monitor general work area using HNU; contractor should monitor drums during sampling using HNU. At greater than 5 ppm above background, use air-purifying respirator. Monitor general work area using LEL meter. At greater than 0% LEL in general work area, stop work and identify source of combustible vapors. Notify Irene Kan for further instructions. If HNU indicates high concentrations in a drum, let drum contents air out, remonitor with LEL meter and HNU. Do not sample until LEL meter records 0% and HNU measures less than 30 ppm above background. BASELINE should not participate in drum opening or sampling (sample handling is permitted).

Site Control Measures: Store soil cuttings, decontamination rinse water, and contaminated personal protective gear (e.g., Tyveks) in labeled, locked drums. Arrange for disposal of same upon receipt of lab analyses for corresponding samples. Underground Service Alert will be contacted to get clearance before sampling. Site is fenced and gate will be locked during nonworking hours. Public will be restricted from sampling areas. All soil borings will be grouted after samples are collected. Drinking water located at Seabreeze warehouse and cafe. Clean area and contaminated area will be designated. Copy of Site Safety Plan will be sent to subcontractors.

Decontamination Procedures (personal and equipment): Steam clean drilling augers between each boring; decontaminate soil sampling equipment with TSP; rinse equipment with deionized water. Contain rinse waters in temporary basin; store in labeled, locked drum. Store disposable sampling equipment in labeled, locked drum. Place disposable personal protective gear in plastic bag in locked drum at end of each day. Wash boots, respirators, safety glasses with TSP and rinse. Store rinse water in locked drum. Wash hands before leaving site.

Hospital/Clinic: Peralta Hospital **Phone**: (415) 491-4900

Hospital Address: 450 30th Street, Oakland, CA

Paramedic: 911 **Fire/Police Dept.**: 911

Emergency Procedures: Notify Yane Nordhav or Irene Kan in an emergency: (415) 420-8686.

Prepared by: Irene Kan Irene Kan **Reviewed/Approved by**:

Date: 1/10/90 **Date**:

Read by: Theresa Amaya **Date**:

Read by: **Date**:

Read by: **Date**:

(See page 4 for map to hospital.)

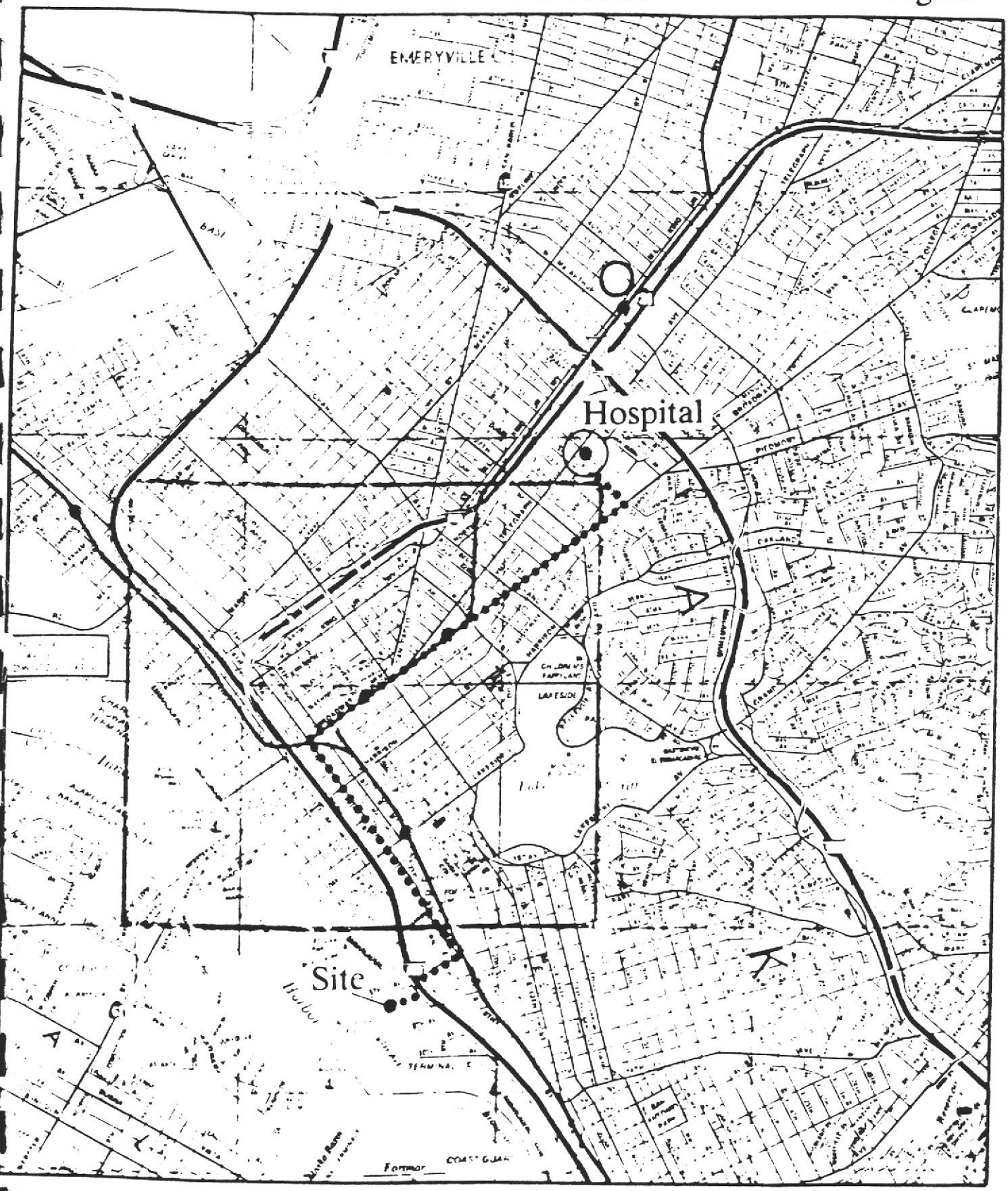
Hospital/Clinic: Peralta Hospital **Telephone No.**: (415) 451-4900

Hospital Address: 450 30th Street, Oakland, CA

Directions: Proceed north on 5th, west on 7th, north on Broadway, and west on 39th.

EMERGENCY ROUTE TO HOSPITAL

Figure



Seabreeze Yacht Center
Oakland, California

BASELINE

STATE OF CALIFORNIA
GEORGE DEUKMEJIAN, Governor
SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION
THIRTY VAN NESS AVENUE, SUITE 2011
SAN FRANCISCO, CA 94102-6080
PHONE: (415) 557-3686

March 21, 1990

Port of Oakland
66 Jack London Square
Oakland, California 94607-3798

PORT OF OAKLAND
ENVIRONMENTAL DIVISION
MAR 23 1990
RECEIVED
ENVIRONMENTAL DIVISION

ATTENTION: Neil Werner,
Port Environmental Compliance

SUBJECT: BCDC Permit No. M90-6

Gentlemen:

Enclosed please find an original permit, stamped "BCDC Original," and a copy, stamped "Permittees' Copy," executed by the Executive Director, of BCDC Permit No. M90-6. The permit is not in effect until you have (1) completed the acknowledgment section of the permit stamped "BCDC Original," which indicates that you both have read and that you understand all of the terms and conditions of the permit, and (2) returned the entire "BCDC Original" to the Commission's office within the ten-day time period. The copy stamped "Permittees' Copy" should be retained by you for your records along with the Notice of Completion and Declaration of Compliance form which you must return to us upon project completion. Attached is a checklist to assist you in following the correct procedures.

If you have any questions concerning the permit or the procedure outlined above, please contact me.

Very truly yours,

Joan L. Lundstrom

JOAN L. LUNDSTROM
Permit Analyst

Enc.
JLL/rr
cc: Alameda County Department of Environmental Health

STATE OF CALIFORNIA
GEORGE DEUKMEJIAN, Governor

SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION
THIRTY VAN NESS AVENUE, SUITE 2011
SAN FRANCISCO, CA 94102-6080
PHONE: (415) 557-3686

PERMIT NO. M90-6

March 21, 1990

Port of Oakland
66 Jack London Square
Oakland, California 94607-3798

Gentlemen:

I. Authorization

A. Subject to the conditions stated below, the permittee, the Port of Oakland, is hereby authorized to do the following:

Location: In the Bay and within the 100-foot shoreline band, on the norther shore of Alameda Estuary, at Clinton Basin within the former Seabreeze Yacht Center, at 286 Sixth Avenue in the City of Oakland, Alameda County.

Description: Conduct a remedial investigation for soil contamination at the former yacht harbor by: (1) removing a 160-square-foot floating gangway and installing portions of a temporary chain link fence around the site to protect the public from possible exposure to contaminants during the investigation; (2) installing a 150-square-foot temporary floating walkway to provide alternative access to docks previously accessed via the gangway to be removed; and (3) taking soil samples to test for hazardous wastes.

B. This authority is generally pursuant to and limited by your application dated January 29, 1990, including its accompanying exhibits, and all conditions of this permit.

C. Work authorized herein must commence prior to September 1, 1990, or this permit will lapse and become null and void. Such work must also be diligently pursued to completion and must be completed by March 1, 1991, whichever is earlier, unless an extension of time is granted by amendment of this permit.

II. Special Conditions

The authorization made herein shall be subject to the following special condition, in addition to the standard conditions in Part IV:

A. Debris Removal. All construction debris shall be removed to a location outside the jurisdiction of the Commission. In the event that any such material is placed in any area within the Commission's jurisdiction, the permittee, its assigns, or successors in interest, or the owner of the improvements, shall remove such material, at its expense, within ten days after it has been notified by the Executive Director of such placement.

III. Findings and Declarations

On behalf of the Commission, I find and declare that:

A. The project authorized by this permit involves the installation of a 150-square-foot floating walkway which is no larger than the construction of a new single boat dock of 1,000 square feet as defined in Regulation Section 10601(a)(4); (2) the taking of soil samples to test for hazardous wastes which involves the extraction of small amounts of material in a manner that does not have a significant adverse effect on present or possible future maximum feasible public access to the Bay consistent with the project as defined in Regulation Section 10601(b)(1); and (3) the installation of a temporary chain link fence, which involves the placement of small amounts of inert inorganic fill in a manner that does not have a significant adverse effect on present or possible future maximum feasible public access to the Bay consistent with the project, or on present or possible future use for a designated priority water-related use, or on the environment, as defined in Regulation Section 10601 (b)(1).

B. The temporary placement of a chain link fence around the site will not affect public access along the shoreline as no public access pathways exist at this location. The soil analysis is being conducted in response to an order issued by the Alameda County Department of Environmental Health to investigate heavy metal soil contamination detected on the site. Future remediation of any contamination would reduce the possible threat to public health of anyone walking along the shoreline at this location, thereby benefitting possible future public access.

C. The project authorized by this permit is consistent with the McAteer-Petris Act and with the San Francisco Bay Plan in that it will not adversely affect the Bay nor public access to and enjoyment of the Bay.

D. The Commission further finds, declares, and certifies that the activity or activities authorized herein are consistent with the Commission's Amended Management Program for San Francisco Bay, as approved by the Department of Commerce under the Federal Coastal Zone Management Act of 1972, as amended.

E. Pursuant to Regulation Section 11501, the project authorized by this permit is categorically exempt from the requirement to prepare an environmental impact report.

F. Pursuant to Regulation Section 10620, the original project was listed with the Commission on March 15, 1990.

IV. Standard Conditions

A. All required permissions from governmental bodies must be obtained before the commencement of work; these bodies include, but are not limited to, the U. S. Army Corps of Engineers, the State Lands Commission, the Regional Water Quality Control Board, and the city and/or county in which the work is to be performed, whenever any of these may be required. This permit does not relieve the permittee of any obligations imposed by State or Federal law, either statutory or otherwise.

B. The attached Notice of Completion and Declaration of Compliance form shall be returned to the Commission within 30 days following completion of the work.

C. Work must be performed in the precise manner and at the precise locations indicated in your application, as such may have been modified by the terms of the permit and any plans approved in writing by or on behalf of the Commission.

D. Work must be performed in a manner so as to minimize muddying of waters, and if diking is involved, dikes shall be waterproof. If any seepage returns to the Bay, the permittee will be subject to the regulations of the Regional Water Quality Control Board in that region.

E. The rights derived from this permit are assignable as provided herein. An assignment shall not be effective until the assignee shall have executed and the Commission shall have received an acknowledgment that the assignee has read and understood the application for this permit and the permit itself and agrees to be bound by the terms and conditions of the permit, and the assignee is accepted by the Executive Director as being reasonably capable of complying with the terms of the permit.

F. Unless otherwise provided in this permit, all the terms and conditions of this permit shall remain effective for so long as the permit remains in effect or for so long as any use or construction authorized by this permit exists, whichever is longer.

G. Unless otherwise provided in this permit, the terms and conditions of this permit shall bind all future owners and future possessors of any legal interest in the land and shall run with the land.

H. Unless otherwise provided in this permit, any work authorized herein shall be completed within the time limits specified in this permit, or, if no time limits are specified in the permit, within three years. If the work is not completed by the date specified in the permit, or, if no date is specified, within three years from the date of the permit, the permit shall become null and void. If this permit becomes null and void for a failure to comply with these time limitations, any fill placed in reliance on this permit shall be removed by the permittee or its assignee upon receiving written notification by or on behalf of the Commission to remove the fill.

I. Except as otherwise noted, violation of any of the terms of this permit shall be grounds for revocation. The Commission may revoke any permit for such violation after a public hearing held on reasonable notice to the permittee or its assignee if the permit has been effectively assigned. If the permit is revoked, the Commission may determine, if it deems appropriate, that all or part of any fill or structure placed pursuant to this permit shall be removed by the permittee or its assignee if the permit has been assigned.

J. This permit shall not take effect unless the permittee execute the original of this permit and return it to the Commission within ten days after the date of the issuance of the permit. No work shall be done until the acknowledgment is duly executed and returned to the Commission.

K. Any area subject to the jurisdiction of the San Francisco Bay Conservation and Development Commission under either the McAteer-Petris Act or the Suisun Marsh Preservation Act at the time the permit is granted or thereafter shall remain subject to that jurisdiction notwithstanding the placement of any fill or the implementation of any substantial change in use authorized by this permit.

L. Any area not subject to the jurisdiction of the San Francisco Bay Conservation and Development Commission that becomes, as a result of any work or project authorized in this permit, subject to tidal action shall become subject to the Commission's "bay" jurisdiction up to the line of highest tidal action.

M. Unless the Commission directs otherwise, this permit shall become null and void if any term, standard condition, or special condition of this permit shall be found illegal or unenforceable through the application of statute, administrative ruling, or court determination. If this permit becomes null and void, any fill or structures placed in reliance on this permit shall be subject to removal by the permittee or its assignee if the permit has been assigned to the extent that the Commission determines that such removal is appropriate. Any uses authorized shall be terminated to the extent that the Commission determines that such uses should be terminated.

Executed at San Francisco, California, on behalf of the San Francisco Bay Conservation and Development Commission on the date first above written.

Alan R. Pendleton

ALAN R. PENDLETON
Executive Director

Enc.
0143r-03/21/90
ARP/JLL/rr
cc: U. S. Army Corps of Engineers, Attn: Regulatory Functions Branch
San Francisco Bay Regional Water Quality Control Board,
Attn: Certification Section
Environmental Protection Agency, Attn: Tom Yokum, P-5
Alameda County Department of Environmental Health

* * * * * * * * * * *

Receipt acknowledged, contents understood and agreed to:

Executed at Oakland, California

On March 26, 1990

Port of Oakland
Applicant

By: _____

Director of Port Planning
Title

PERMIT NO. M90-6

PORT OF OAKLAND

NOTICE OF COMPLETION AND DECLARATION OF COMPLIANCE

San Francisco Bay Conservation
and Development Commission
Thirty Van Ness Avenue, Room 2011
San Francisco, CA 94102

Gentlemen:

You are hereby informed that the work authorized by the above-referenced permit was completed on _____.

I have personally reviewed the terms and conditions of the permit, the final plans approved by or on behalf of the Commission, and the completed project and hereby certify that the project is in compliance with all terms and conditions of the permit and conforms to the plans previously reviewed and approved by or on behalf of the Commission. I further certify that all conditions of the permit, particularly with regard to plan review, public access areas and improvements, recordation, open space restrictions and other special conditions have been met.

I, _____, hereby declare under penalty of perjury that the foregoing is true and correct and that if called upon to testify to the contents of this notice, I would so testify.

Executed on this _____ day of _____, 19____, at _____, California.

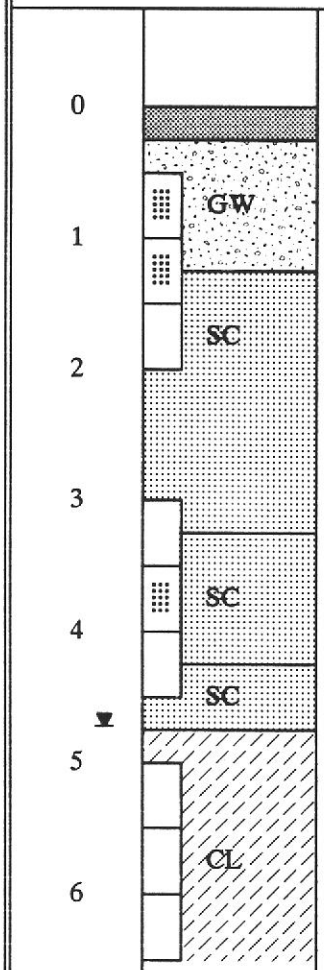
_____
(Permittee)

_____
(Title)

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-1
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum N/A Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Asphalt top	18-16-11
1	Reddish-brown, sandy GRAVEL, damp (fill)	
2	Very dark gray, gravelly sandy CLAY, medium-low plasticity, Angular gravel, moist (fill)	
3		8-17-32
4	Red and pale yellow brick piecing, with SAND (fill) moist, 3.25-4.25 feet	
▼ 5	Very dark gray, silty CLAY, wet (Bay mud)	
6		
7	Total depth = 6.5 feet	
8		
9		
10		

Scale: 1 inch = 1.5 feet

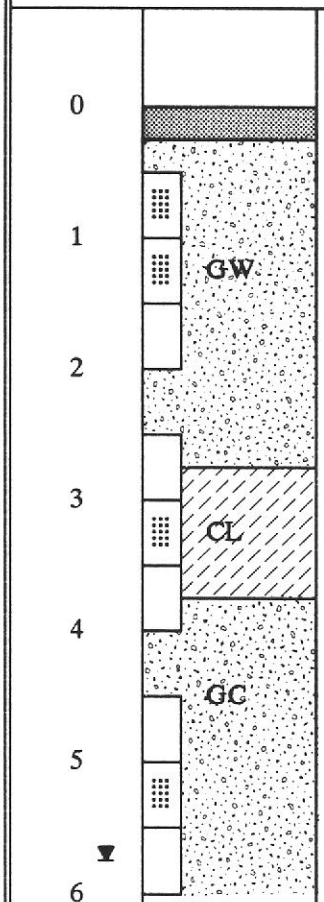
(10/15/90)

Signature_____

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-2
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Asphalt top	
		33-25-45
1	Reddish brown, sandy GRAVEL, damp-dry, base rock (fill)	
2		
3	Very dark gray, greenish gray gravelly sandy CLAY, moist, subangular-angular gravel, ½-1 inch diameter, medium plasticity	Became easy; 7-16-50 for 4.5 inches Brick pieces
4	Brown, silty clayey GRAVEL, medium plasticity, moist, subangular-angular gravel, ½-1 inch diameter	
		7-12-5
5	Moisture increases	
▼ 6	Total depth = 6.0 feet.	
7		
8		
9		
10		

Scale: 1 inch = 1.5 feet

(10/15/90)

Signature_____

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-3
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A

Depth	Graphic	Lithology	Notes
0		Yellowish brown, sandy GRAVEL, base rock (fill), dry	
1			17-16-15
2	GW	Increase in clay content and moisture	5-3-4-7
3			
4 ▼		Total depth = 4.0 feet	
5			
6			
7			
8			
9			
10			

Scale: 1 inch = 1.5 feet

(10/15/90)

Signature _____

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

DRILLING LOG

Location	Seabreeze, Oakland	Boring No.	SB-4
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A

Depth	Graphic	Lithology	Notes
0	GW	Brown, sandy GRAVEL, dry, subrounded-rounded (fill)	18-26-24
1	CL/GC	Very dark gray, sandy gravelly CLAY/clayey GRAVEL, damp-dry, brick pieces (fill)	
2	GC	Reddish brown, sandy clayey GRAVEL, moist, subangular, ½ inch, (fill)	15-5-3
3			
4 ▼		Asphalt pieces at contact of Bay mud	
5	CL	Very dark gray, silty CLAY, wet, some minor sand lenses (Bay mud)	
6		Total depth = 6.5 feet	
7			
8			
9			
10			

Scale: 1 inch = 1.5 feet

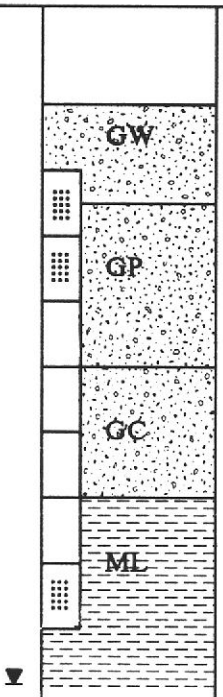
(10/15/90)

Signature _____

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-5
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Yellowish-brown, sandy GRAVEL, damp-dry (fill)	24-30-36
1	Reddish-brown, clayey sandy GRAVEL, damp-moist (fill)	
2	Dark greenish-gray, sandy clayey GRAVEL, moist, subangular-angular, ½-¾ inch diameter (crushed)	12-15-17
3	Very dark gray, gravelly clayey SILT, moist	
4	SILT, coarse, low plasticity, minor gravel, ¼-½ inch diameter, subrounded	Possible forming sand from smelter
▼	Total depth = 4.5 feet	

Scale: 1 inch = 1.5 feet

(10/15/90)

Signature _____

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

DRILLING LOG

Location	Seabreeze, Oakland	Boring No.	SB-6
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum ____ Bore size 8-inch	Casing size	N/A

Depth	Graphic	Lithology	Notes
0	GW	Yellowish-brown, sandy GRAVEL, damp-dry	
1			2-3-2, no recovery of last foot
2	GC	Very dark gray, sandy clayey GRAVEL, moist, ½-¾ inch diameter, subangular, low plasticity (fill)	1-1-2-1
3	CL	Very dark gray, silty CLAY, wet, minor sand lenses (Bay mud)	
4		Total depth = 4.0 feet	
5			
6			
7			
8			
9			
10			

Scale: 1 inch = 1.5 feet

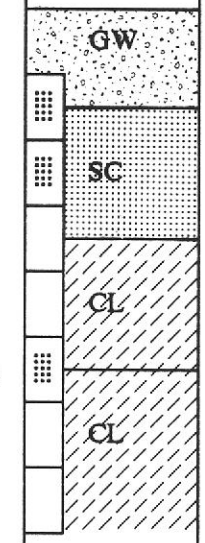
(10/15/90)

Signature _____

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

DRILLING LOG

Location	Seabreeze, Oakland	Boring No.	SB-8
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum ____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Yellowish-brown, sandy GRAVEL, damp-dry (fill)	Stain on top soil
1	Pale yellow, clayey SAND, fine-grained, moist (fill)	18-25-20
2	Very dark gray, gravelly CLAY, moist, low-medium plasticity, subangular gravel, ½ inch diameter (fill)	Tar chips from roofing material and brick pieces 8-10-6-5
3 ▼	Dark greenish-gray, silty CLAY, moist-wet (Bay mud)	
4	Total depth = 4.0 feet	
5		
6		
7		
8		
9		
10		

Scale: 1 inch = 1.5 feet

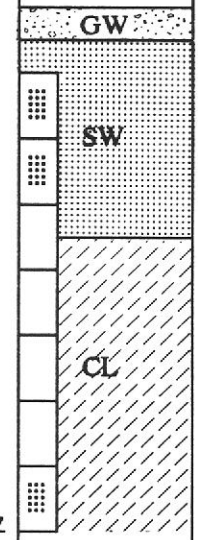
(10/15/90)

Signature _____

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

DRILLING LOG

Location	Seabreeze, Oakland	Boring No.	SB-9
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Yellowish-brown, sandy GRAVEL, damp-dry (fill)	
	Yellowish-brown, silty SAND, damp (fill)	25-25-17
1		
		10-10-10-10
2		
3		
4 ▼	Dark greenish-gray, gravelly silty CLAY, moist, rootlets, medium plasticity, subangular gravel, ¼-½ inch diameter	
	Total depth = 4.0 feet	
5		
6		
7		
8		
9		
10		

Scale: 1 inch = 1.5 feet

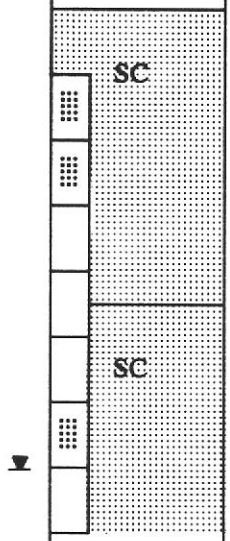
(10/15/90)

Signature _____

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

DRILLING LOG

Location	Seabreeze, Oakland	Boring No.	SB-10
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/6/90
Logger	WKS Datum ____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Yellowish-brown SAND, fine-grained, damp-dry (fill)	Large concrete pieces and blocks
1		30-38-25
2		
3	Olive-gray, gravelly clayey SAND, moist, fine- to medium-grained (fill)	10-10-10-10
▼		Large brick pieces and wood chips
4	Total depth = 4.0 feet	
5		
6		
7		
8		
9		
10		

Scale: 1 inch = 1.5 feet

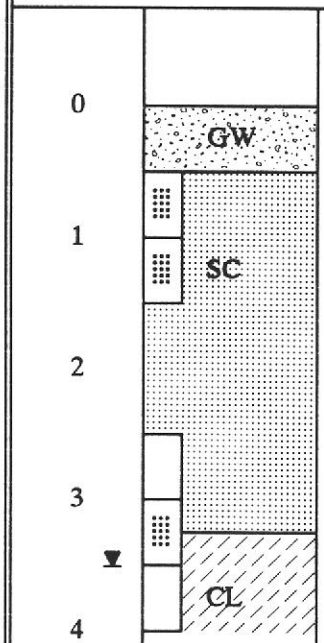
(10/15/90)

Signature_____

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-11
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/7/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Yellowish-brown, sandy GRAVEL, dry (fill)	Wood and metal pieces
	Dark brown, gravelly clayey SAND, moist (fill)	11-11-26
3	Greenish-gray, silty CLAY, medium- to high-plasticity, rootlets, moist-wet, some interbedded sand lenses (Bay mud)	3-4-5, cement and asphalt pieces at 3.0 ft
4	Total depth = 4.0 feet	

Scale: 1 inch = 1.5 feet

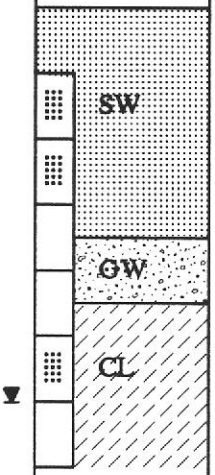
(10/15/90)

Signature _____

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-12
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/7/90
Logger	WKS Datum ____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0–1	Light gray, gravelly SAND (fill)	8-13-20, concrete and asphalt pieces
2	Reddish-brown, clayey sandy GRAVEL, damp (fill)	
3 ▼	Greenish-gray to very dark gray, gravelly sandy CLAY, moist-wet (Bay mud?)	4-8-6, wood and glass pieces
4	Total depth = 3.5 feet	
5		
6		
7		
8		
9		
10		

Scale: 1 inch = 1.5 feet

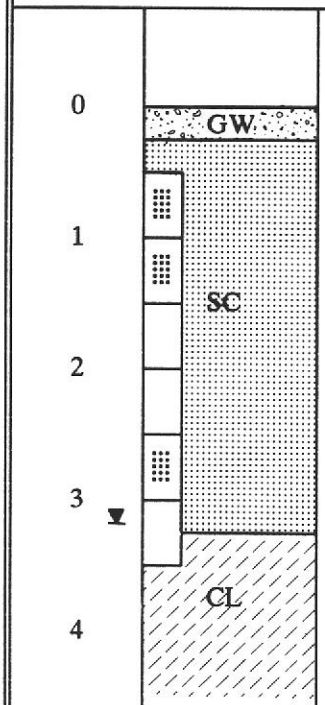
(10/15/90)

Signature_____

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-13
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/7/90
Logger	WKS Datum ____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Light yellowish-brown, sandy GRAVEL, dry (fill)	
	Very dark brown, gravelly clayey SAND, moist (fill)	11-10-13, some brick pieces
1		
2		
		10-10, no recovery
3 ▼	Greenish-gray, silty CLAY, medium plasticity, wet (Bay mud)	
4		
	Total depth = 4.5 feet	
5		
6		
7		
8		
9		
10		

Scale: 1 inch = 1.5 feet

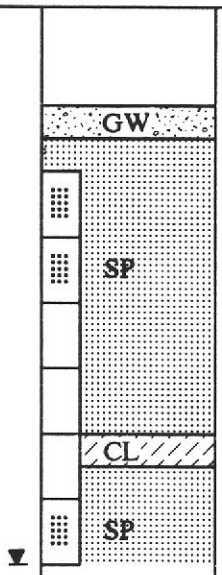
(10/15/90)

Signature_____

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

DRILLING LOG

Location	Seabreeze, Oakland	Boring No.	SB-14
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/7/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A



Depth	Lithology	Notes
0	Reddish-brown, sandy GRAVEL, dry (fill)	
	Light gray-olive, SAND, fine-grained, moist (fill)	10-27-17
1		
2		
	Brown interbedding of silty CLAY at 2.5 feet, ≈ 3 inches thick	20-6-9
3		
4	Total depth = 3.5 feet	
5		
6		
7		
8		
9		
10		

Scale: 1 inch = 1.5 feet

(10/15/90)

Signature _____

DRILLING LOG

BASELINE
5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

Location	Seabreeze, Oakland	Boring No.	SB-15
Driller	Aqua Science Engineers, San Ramon	Project No.	S9-171
Method	Hollow-stem, continuous flight	Date	9/7/90
Logger	WKS Datum _____ Bore size 8-inch	Casing size	N/A

Depth	Graphic	Lithology	Notes
0	SP	Olive to dark olive SAND, fine-grained, damp (fill)	Diesel stain on surface Petroleum odor
1			6-7-10
2			
3		Same as above, increase in moisture at 3.5-4.0 feet	Petroleum odor 8-5-5
4 ▼	CL	Dark brown gravelly CLAY, moist-wet, medium plasticity, ½-inch subangular gravel	
5		Total depth = 4.5 feet	
6			
7			
8			
9			
10			

Scale: 1 inch = 1.5 feet

(10/15/90)

Signature _____

APPENDIX F

LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORMS

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 09/06/90
DATE REPORTED: 09/21/90

LAB NUMBER: 101598

CLIENT: BASELINE ENVIRONMENTAL

REPORT ON: 28 SOIL SAMPLES

PROJECT #: S9-171
LOCATION: SEABREEZE

RESULTS: SEE ATTACHED

QA/QC Approval

Final Approval

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: CADMIUM
ANALYSIS METHOD: EPA 7130

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-1	SB-2 0.5-1.0	ND	mg/Kg	0.5
101598-2	SB-2 1.0-1.5	ND	mg/Kg	0.5
101598-3	SB-2 3.0-3.5	ND	mg/Kg	0.5
101598-4	SB-2 5.0-5.5	ND	mg/Kg	0.5
101598-5	SB-1 0.5-1.0	ND	mg/Kg	0.5
101598-6	SB-1 1.0-1.5	ND	mg/Kg	0.5
101598-7	SB-1 3.5-4.0	ND	mg/Kg	0.5
101598-8	SB-4 0.5-1.0	0.5	mg/Kg	0.5
101598-9	SB-4 1.0-1.5	ND	mg/Kg	0.5
101598-10	SB-4 3.5-4.0	ND	mg/Kg	0.5
101598-11	SB-5 0.5-1.0	0.6	mg/Kg	0.5
101598-12	SB-5 1.0-1.5	ND	mg/Kg	0.5
101598-13	SB-5 3.5-4.0	ND	mg/Kg	0.5
101598-14	SB-3 0.5-1.0	ND	mg/Kg	0.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	93

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: CADMIUM
ANALYSIS METHOD: EPA 7130

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-15	SB-3 1.0-1.5	ND	mg/Kg	0.5
101598-16	SB-3 3.5-4.0	ND	mg/Kg	0.5
101598-17	SB-6 0.5-1.0	1.6	mg/Kg	0.5
101598-18	SB-6 2.0-2.5	ND	mg/Kg	0.5
101598-19	SB-7 1.0-1.5	ND	mg/Kg	0.5
101598-20	SB-8 0.5-1.0	0.8	mg/Kg	0.5
101598-21	SB-8 1.0-1.5	ND	mg/Kg	0.5
101598-22	SB-8 2.5-3.0	ND	mg/Kg	0.5
101598-23	SB-9 0.5-1.0	ND	mg/Kg	0.5
101598-24	SB-9 1.0-1.5	ND	mg/Kg	0.5
101598-25	SB-9 3.5-4.0	ND	mg/Kg	0.5
101598-26	SB-10 0.5-1.0	ND	mg/Kg	0.5
101598-27	SB-10 1.0-1.5	ND	mg/Kg	0.5
101598-28	SB-10 3.0-3.5	ND	mg/Kg	0.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	93

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: CHROMIUM
ANALYSIS METHOD: EPA 7190

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-1	SB-2 0.5-1.0	ND	mg/Kg	2.5
101598-2	SB-2 1.0-1.5	ND	mg/Kg	2.5
101598-3	SB-2 3.0-3.5	18	mg/Kg	2.5
101598-4	SB-2 5.0-5.5	4.5	mg/Kg	2.5
101598-5	SB-1 0.5-1.0	9.1	mg/Kg	2.5
101598-6	SB-1 1.0-1.5	14	mg/Kg	2.5
101598-7	SB-1 3.5-4.0	ND	mg/Kg	2.5
101598-8	SB-4 0.5-1.0	11	mg/Kg	2.5
101598-9	SB-4 1.0-1.5	6.7	mg/Kg	2.5
101598-10	SB-4 3.5-4.0	3.5	mg/Kg	2.5
101598-11	SB-5 0.5-1.0	18	mg/Kg	2.5
101598-12	SB-5 1.0-1.5	ND	mg/Kg	2.5
101598-13	SB-5 3.5-4.0	13	mg/Kg	2.5
101598-14	SB-3 0.5-1.0	ND	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	100

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: CHROMIUM
ANALYSIS METHOD: EPA 7190

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-15	SB-3 1.0-1.5	ND	mg/Kg	2.5
101598-16	SB-3 3.5-4.0	ND	mg/Kg	2.5
101598-17	SB-6 0.5-1.0	22	mg/Kg	2.5
101598-18	SB-6 2.0-2.5	6.6	mg/Kg	2.5
101598-19	SB-7 1.0-1.5	19	mg/Kg	2.5
101598-20	SB-8 0.5-1.0	9.1	mg/Kg	2.5
101598-21	SB-8 1.0-1.5	20	mg/Kg	2.5
101598-22	SB-8 2.5-3.0	20	mg/Kg	2.5
101598-23	SB-9 0.5-1.0	36	mg/Kg	2.5
101598-24	SB-9 1.0-1.5	9.2	mg/Kg	2.5
101598-25	SB-9 3.5-4.0	12	mg/Kg	2.5
101598-26	SB-10 0.5-1.0	6.0	mg/Kg	2.5
101598-27	SB-10 1.0-1.5	4.0	mg/Kg	2.5
101598-28	SB-10 3.0-3.5	12	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	100

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: COPPER
ANALYSIS METHOD: EPA 7210

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-1	SB-2 0.5-1.0	17	mg/Kg	2.5
101598-2	SB-2 1.0-1.5	19	mg/Kg	2.5
101598-3	SB-2 3.0-3.5	19	mg/Kg	2.5
101598-4	SB-2 5.0-5.5	11	mg/Kg	2.5
101598-5	SB-1 0.5-1.0	31	mg/Kg	2.5
101598-6	SB-1 1.0-1.5	20	mg/Kg	2.5
101598-7	SB-1 3.5-4.0	12	mg/Kg	2.5
101598-8	SB-4 0.5-1.0	100	mg/Kg	2.5
101598-9	SB-4 1.0-1.5	21	mg/Kg	2.5
101598-10	SB-4 3.5-4.0	16	mg/Kg	2.5
101598-11	SB-5 0.5-1.0	34	mg/Kg	2.5
101598-12	SB-5 1.0-1.5	26	mg/Kg	2.5
101598-13	SB-5 3.5-4.0	19	mg/Kg	2.5
101598-14	SB-3 0.5-1.0	10	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	97

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: COPPER
ANALYSIS METHOD: EPA 7210

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-15	SB-3 1.0-1.5	12	mg/Kg	2.5
101598-16	SB-3 3.5-4.0	9.0	mg/Kg	2.5
101598-17	SB-6 0.5-1.0	140	mg/Kg	2.5
101598-18	SB-6 2.0-2.5	11	mg/Kg	2.5
101598-19	SB-7 1.0-1.5	37	mg/Kg	2.5
101598-20	SB-8 0.5-1.0	79	mg/Kg	2.5
101598-21	SB-8 1.0-1.5	7.3	mg/Kg	2.5
101598-22	SB-8 2.5-3.0	16	mg/Kg	2.5
101598-23	SB-9 0.5-1.0	18	mg/Kg	2.5
101598-24	SB-9 1.0-1.5	12	mg/Kg	2.5
101598-25	SB-9 3.5-4.0	9.5	mg/Kg	2.5
101598-26	SB-10 0.5-1.0	130	mg/Kg	2.5
101598-27	SB-10 1.0-1.5	79	mg/Kg	2.5
101598-28	SB-10 3.0-3.5	18	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	97

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: NICKEL
ANALYSIS METHOD: EPA 7520

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-1	SB-2 0.5-1.0	ND	mg/Kg	2.5
101598-2	SB-2 1.0-1.5	ND	mg/Kg	2.5
101598-3	SB-2 3.0-3.5	27	mg/Kg	2.5
101598-4	SB-2 5.0-5.5	13	mg/Kg	2.5
101598-5	SB-1 0.5-1.0	8.1	mg/Kg	2.5
101598-6	SB-1 1.0-1.5	25	mg/Kg	2.5
101598-7	SB-1 3.5-4.0	2.9	mg/Kg	2.5
101598-8	SB-4 0.5-1.0	24	mg/Kg	2.5
101598-9	SB-4 1.0-1.5	15	mg/Kg	2.5
101598-10	SB-4 3.5-4.0	6.6	mg/Kg	2.5
101598-11	SB-5 0.5-1.0	19	mg/Kg	2.5
101598-12	SB-5 1.0-1.5	ND	mg/Kg	2.5
101598-13	SB-5 3.5-4.0	17	mg/Kg	2.5
101598-14	SB-3 0.5-1.0	ND	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	99

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: NICKEL
ANALYSIS METHOD: EPA 7520

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-15	SB-3 1.0-1.5	ND	mg/Kg	2.5
101598-16	SB-3 3.5-4.0	2.5	mg/Kg	2.5
101598-17	SB-6 0.5-1.0	120	mg/Kg	2.5
101598-18	SB-6 2.0-2.5	21	mg/Kg	2.5
101598-19	SB-7 1.0-1.5	27	mg/Kg	2.5
101598-20	SB-8 0.5-1.0	14	mg/Kg	2.5
101598-21	SB-8 1.0-1.5	20	mg/Kg	2.5
101598-22	SB-8 2.5-3.0	32	mg/Kg	2.5
101598-23	SB-9 0.5-1.0	26	mg/Kg	2.5
101598-24	SB-9 1.0-1.5	15	mg/Kg	2.5
101598-25	SB-9 3.5-4.0	14	mg/Kg	2.5
101598-26	SB-10 0.5-1.0	14	mg/Kg	2.5
101598-27	SB-10 1.0-1.5	9.5	mg/Kg	2.5
101598-28	SB-10 3.0-3.5	38	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	99

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: LEAD
ANALYSIS METHOD: EPA 7420

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-1	SB-2 0.5-1.0	ND	mg/Kg	2.5
101598-2	SB-2 1.0-1.5	ND	mg/Kg	2.5
101598-3	SB-2 3.0-3.5	36	mg/Kg	2.5
101598-4	SB-2 5.0-5.5	87	mg/Kg	2.5
101598-5	SB-1 0.5-1.0	40	mg/Kg	2.5
101598-6	SB-1 1.0-1.5	36	mg/Kg	2.5
101598-7	SB-1 3.5-4.0	14	mg/Kg	2.5
101598-8	SB-4 0.5-1.0	69	mg/Kg	2.5
101598-9	SB-4 1.0-1.5	ND	mg/Kg	2.5
101598-10	SB-4 3.5-4.0	14	mg/Kg	2.5
101598-11	SB-5 0.5-1.0	6.5	mg/Kg	2.5
101598-12	SB-5 1.0-1.5	ND	mg/Kg	2.5
101598-13	SB-5 3.5-4.0	11	mg/Kg	2.5
101598-14	SB-3 0.5-1.0	ND	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	98

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: LEAD
ANALYSIS METHOD: EPA 7420

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-15	SB-3 1.0-1.5	3.0	mg/Kg	2.5
101598-16	SB-3 3.5-4.0	2.5	mg/Kg	2.5
101598-17	SB-6 0.5-1.0	650	mg/Kg	2.5
101598-18	SB-6 2.0-2.5	ND	mg/Kg	2.5
101598-19	SB-7 1.0-1.5	67	mg/Kg	2.5
101598-20	SB-8 0.5-1.0	51	mg/Kg	2.5
101598-21	SB-8 1.0-1.5	2.9	mg/Kg	2.5
101598-22	SB-8 2.5-3.0	5.9	mg/Kg	2.5
101598-23	SB-9 0.5-1.0	200	mg/Kg	2.5
101598-24	SB-9 1.0-1.5	160	mg/Kg	2.5
101598-25	SB-9 3.5-4.0	2.5	mg/Kg	2.5
101598-26	SB-10 0.5-1.0	12	mg/Kg	2.5
101598-27	SB-10 1.0-1.5	ND	mg/Kg	2.5
101598-28	SB-10 3.0-3.5	25	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	98

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/09/90
DATE REPORTED: 09/21/90

ANALYSIS: TIN
ANALYSIS METHOD: EPA 6010

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-1	SB-2 0.5-1.0	ND	mg/Kg	5.0
101598-2	SB-2 1.0-1.5	ND	mg/Kg	5.0
101598-3	SB-2 3.0-3.5	ND	mg/Kg	5.0
101598-4	SB-2 5.0-5.5	ND	mg/Kg	5.0
101598-5	SB-1 0.5-1.0	ND	mg/Kg	5.0
101598-6	SB-1 1.0-1.5	ND	mg/Kg	5.0
101598-7	SB-1 3.5-4.0	ND	mg/Kg	5.0
101598-8	SB-4 0.5-1.0	ND	mg/Kg	5.0
101598-9	SB-4 1.0-1.5	ND	mg/Kg	5.0
101598-10	SB-4 3.5-4.0	ND	mg/Kg	5.0
101598-11	SB-5 0.5-1.0	ND	mg/Kg	5.0
101598-12	SB-5 1.0-1.5	ND	mg/Kg	5.0
101598-13	SB-5 3.5-4.0	ND	mg/Kg	5.0
101598-14	SB-3 0.5-1.0	ND	mg/Kg	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	<1
RECOVERY, %	98

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/09/90
DATE REPORTED: 09/21/90

ANALYSIS: TIN
ANALYSIS METHOD: EPA 6010

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-15	SB-3 1.0-1.5	ND	mg/Kg	5.0
101598-16	SB-3 3.5-4.0	ND	mg/Kg	5.0
101598-17	SB-6 0.5-1.0	11	mg/Kg	5.0
101598-18	SB-6 2.0-2.5	ND	mg/Kg	5.0
101598-19	SB-7 1.0-1.5	ND	mg/Kg	5.0
101598-20	SB-8 0.5-1.0	ND	mg/Kg	5.0
101598-21	SB-8 1.0-1.5	ND	mg/Kg	5.0
101598-22	SB-8 2.5-3.0	ND	mg/Kg	5.0
101598-23	SB-9 0.5-1.0	ND	mg/Kg	5.0
101598-24	SB-9 1.0-1.5	ND	mg/Kg	5.0
101598-25	SB-9 3.5-4.0	ND	mg/Kg	5.0
101598-26	SB-10 0.5-1.0	ND	mg/Kg	5.0
101598-27	SB-10 1.0-1.5	ND	mg/Kg	5.0
101598-28	SB-10 3.0-3.5	ND	mg/Kg	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	<1
RECOVERY, %	98

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-7
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-1 3.5-4.0

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	14	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	115%
Toluene-d8	115%
Bromofluorobenzene	95%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-4
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-2 5.0-5.5

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	12	10
carbon disulfide	5.1	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	105%
Toluene-d8	115%
Bromofluorobenzene	93%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-16
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-3 3.5-4.0

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	ND	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	109%
Toluene-d8	98%
Bromofluorobenzene	104%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-10
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-4 3.5-4.0

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	29	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	DETECTED(7.4)	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	9.0	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	12	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	105%
Toluene-d8	110%
Bromofluorobenzene	79%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-13
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-5 3.5-4.0

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	79	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	22	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	100%
Toluene-d8	110%
Bromofluorobenzene	93%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-18
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-6 2.0-2.5

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	ND	10
carbon disulfide	14	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	DETECTED(3.0)	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	25	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	112%
Toluene-d8	107%
Bromofluorobenzene	95%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-19
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-7 1.0-1.5

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	ND	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	101%
Toluene-d8	111%
Bromofluorobenzene	83%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-22
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-8 2.5-3.0

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	100	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	23	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	7.6	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	106%
Toluene-d8	112%
Bromofluorobenzene	86%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-25
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-9 3.5-4.0

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	30	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	DETECTED(7.4)	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	102%
Toluene-d8	110%
Bromofluorobenzene	93%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101598-28
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-10 3.0-3.5

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	ND	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	102%
Toluene-d8	109%
Bromofluorobenzene	96%

Curtis & Tompkins, Ltd.

LAB NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT # : S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/21/90
DATE REPORTED: 09/21/90

ANALYSIS: HYDROCARBON OIL AND GREASE
METHOD: SMWW 17:5520 E&F

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-20	SB-8 0.5-1.0	ND	mg/Kg	125
101598-22	SB-8 2.5-3.0	350	mg/Kg	125

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	83

Curtis & Tompkins, Ltd.

LAB NUMBER: 101598
CLIENT: BASELINE ENVIRONMENTAL
PROJECT # : S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
DATE ANALYZED: 09/21/90
DATE REPORTED: 09/21/90

ANALYSIS: TOTAL OIL AND GREASE
METHOD: SMWW 17:5520E (503D)

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101598-20	SB-8 0.5-1.0	230	mg/Kg	125
101598-22	SB-8 2.5-3.0	1,200	mg/Kg	125

QA/QC SUMMARY

RPD, %	3
RECOVERY, %	97

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 09/07/90
DATE REPORTED: 09/21/90

LAB NUMBER: 101610

CLIENT: BASELINE ENVIRONMENTAL

REPORT ON: 15 SOIL SAMPLES

PROJECT #: S9-171
LOCATION: SEABREEZE

RESULTS: SEE ATTACHED

QA/QC Approval

Final Approval

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: CHROMIUM
ANALYSIS METHOD: EPA 7190

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-1	SB-12 0.5-1.0	22	mg/Kg	2.5
101610-2	SB-12 1.0-1.5	5.4	mg/Kg	2.5
101610-3	SB-12 2.5-3.0	22	mg/Kg	2.5
101610-4	SB-11 0.5-1.0	21	mg/Kg	2.5
101610-5	SB-11 1.0-1.5	26	mg/Kg	2.5
101610-6	SB-11 3.0-3.5	28	mg/Kg	2.5
101610-7	SB-13 0.5-1.0	23	mg/Kg	2.5
101610-8	SB-13 1.0-1.5	13	mg/Kg	2.5
101610-9	SB-13 2.5-3.0	17	mg/Kg	2.5
101610-10	SB-14 0.5-1.0	23	mg/Kg	2.5
101610-11	SB-14 1.0-1.5	15	mg/Kg	2.5
101610-12	SB-14 3.0-3.5	25	mg/Kg	2.5
101610-13	SB-15 0.5-1.0	12	mg/Kg	2.5
101610-14	SB-15 1.0-1.5	14	mg/Kg	2.5
101610-15	SB-15 3.5-4.0	14	mg/Kg	2.5

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	102

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: CADMIUM
ANALYSIS METHOD: EPA 7130

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-1	SB-12 0.5-1.0	1.5	mg/Kg	0.5
101610-2	SB-12 1.0-1.5	0.5	mg/Kg	0.5
101610-3	SB-12 2.5-3.0	ND	mg/Kg	0.5
101610-4	SB-11 0.5-1.0	ND	mg/Kg	0.5
101610-5	SB-11 1.0-1.5	ND	mg/Kg	0.5
101610-6	SB-11 3.0-3.5	ND	mg/Kg	0.5
101610-7	SB-13 0.5-1.0	ND	mg/Kg	0.5
101610-8	SB-13 1.0-1.5	ND	mg/Kg	0.5
101610-9	SB-13 2.5-3.0	ND	mg/Kg	0.5
101610-10	SB-14 0.5-1.0	0.7	mg/Kg	0.5
101610-11	SB-14 1.0-1.5	ND	mg/Kg	0.5
101610-12	SB-14 3.0-3.5	ND	mg/Kg	0.5
101610-13	SB-15 0.5-1.0	ND	mg/Kg	0.5
101610-14	SB-15 1.0-1.5	ND	mg/Kg	0.5
101610-15	SB-15 3.5-4.0	ND	mg/Kg	0.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	94

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: COPPER
ANALYSIS METHOD: EPA 7210

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-1	SB-12 0.5-1.0	730	mg/Kg	2.5
101610-2	SB-12 1.0-1.5	20	mg/Kg	2.5
101610-3	SB-12 2.5-3.0	19	mg/Kg	2.5
101610-4	SB-11 0.5-1.0	33	mg/Kg	2.5
101610-5	SB-11 1.0-1.5	18	mg/Kg	2.5
101610-6	SB-11 3.0-3.5	29	mg/Kg	2.5
101610-7	SB-13 0.5-1.0	10	mg/Kg	2.5
101610-8	SB-13 1.0-1.5	9.9	mg/Kg	2.5
101610-9	SB-13 2.5-3.0	76	mg/Kg	2.5
101610-10	SB-14 0.5-1.0	47	mg/Kg	2.5
101610-11	SB-14 1.0-1.5	81	mg/Kg	2.5
101610-12	SB-14 3.0-3.5	18	mg/Kg	2.5
101610-13	SB-15 0.5-1.0	8.4	mg/Kg	2.5
101610-14	SB-15 1.0-1.5	9.8	mg/Kg	2.5
101610-15	SB-15 3.5-4.0	11	mg/Kg	2.5

QA/QC SUMMARY

RPD, %	<1
RECOVERY, %	106

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: NICKEL
ANALYSIS METHOD: EPA 7520

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-1	SB-12 0.5-1.0	37	mg/Kg	2.5
101610-2	SB-12 1.0-1.5	7.4	mg/Kg	2.5
101610-3	SB-12 2.5-3.0	26	mg/Kg	2.5
101610-4	SB-11 0.5-1.0	38	mg/Kg	2.5
101610-5	SB-11 1.0-1.5	69	mg/Kg	2.5
101610-6	SB-11 3.0-3.5	28	mg/Kg	2.5
101610-7	SB-13 0.5-1.0	17	mg/Kg	2.5
101610-8	SB-13 1.0-1.5	18	mg/Kg	2.5
101610-9	SB-13 2.5-3.0	28	mg/Kg	2.5
101610-10	SB-14 0.5-1.0	35	mg/Kg	2.5
101610-11	SB-14 1.0-1.5	25	mg/Kg	2.5
101610-12	SB-14 3.0-3.5	20	mg/Kg	2.5
101610-13	SB-15 0.5-1.0	25	mg/Kg	2.5
101610-14	SB-15 1.0-1.5	28	mg/Kg	2.5
101610-15	SB-15 3.5-4.0	32	mg/Kg	2.5

QA/QC SUMMARY

RPD, %	<1
RECOVERY, %	100

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/11/90
DATE REPORTED: 09/21/90

ANALYSIS: LEAD
ANALYSIS METHOD: EPA 7420

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-1	SB-12 0.5-1.0	340	mg/Kg	2.5
101610-2	SB-12 1.0-1.5	17	mg/Kg	2.5
101610-3	SB-12 2.5-3.0	67	mg/Kg	2.5
101610-4	SB-11 0.5-1.0	72	mg/Kg	2.5
101610-5	SB-11 1.0-1.5	22	mg/Kg	2.5
101610-6	SB-11 3.0-3.5	5.5	mg/Kg	2.5
101610-7	SB-13 0.5-1.0	31	mg/Kg	2.5
101610-8	SB-13 1.0-1.5	19	mg/Kg	2.5
101610-9	SB-13 2.5-3.0	33	mg/Kg	2.5
101610-10	SB-14 0.5-1.0	61	mg/Kg	2.5
101610-11	SB-14 1.0-1.5	55	mg/Kg	2.5
101610-12	SB-14 3.0-3.5	ND	mg/Kg	2.5
101610-13	SB-15 0.5-1.0	12	mg/Kg	2.5
101610-14	SB-15 1.0-1.5	39	mg/Kg	2.5
101610-15	SB-15 3.5-4.0	14	mg/Kg	2.5

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	97

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/13/90
DATE REPORTED: 09/21/90

ANALYSIS: TIN
ANALYSIS METHOD: EPA 6010

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-1	SB-12 0.5-1.0	6.2	mg/Kg	5.0
101610-2	SB-12 1.0-1.5	ND	mg/Kg	5.0
101610-3	SB-12 2.5-3.0	ND	mg/Kg	5.0
101610-4	SB-11 0.5-1.0	ND	mg/Kg	5.0
101610-5	SB-11 1.0-1.5	ND	mg/Kg	5.0
101610-6	SB-11 3.0-3.5	ND	mg/Kg	5.0
101610-7	SB-13 0.5-1.0	ND	mg/Kg	5.0
101610-8	SB-13 1.0-1.5	ND	mg/Kg	5.0
101610-9	SB-13 2.5-3.0	ND	mg/Kg	5.0
101610-10	SB-14 0.5-1.0	ND	mg/Kg	5.0
101610-11	SB-14 1.0-1.5	ND	mg/Kg	5.0
101610-12	SB-14 3.0-3.5	ND	mg/Kg	5.0
101610-13	SB-15 0.5-1.0	ND	mg/Kg	5.0
101610-14	SB-15 1.0-1.5	ND	mg/Kg	5.0
101610-15	SB-15 3.5-4.0	ND	mg/Kg	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	<1
RECOVERY, %	98

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610-15
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-15 3.5-4.0

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	33	10
carbon disulfide	DETECTED(3.9)	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	DETECTED(8.1)	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	107%
Toluene-d8	108%
Bromofluorobenzene	99%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610-3
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-12 2.5-3.0

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	27	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	DETECTED(6.6)	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	101%
Toluene-d8	100%
Bromofluorobenzene	95%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610-6
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-11 3.0-3.5

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	180	10
carbon disulfide	11	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	45	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	102%
Toluene-d8	113%
Bromofluorobenzene	94%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610-9
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-13 2.5-3.0

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	ND	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	109%
Toluene-d8	115%
Bromofluorobenzene	91%

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101610-12
CLIENT: BASELINE ENVIRONMENTAL
JOB #: S9-171
SAMPLE ID: SB-14 3.0-3.5

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/12/90
DATE REPORTED: 09/21/90

EPA METHOD 8240: VOLATILE ORGANICS IN SOILS & WASTES
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/kg	Reporting Limit (ug/kg)
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
acetone	ND	10
carbon disulfide	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
2-butanone	ND	10
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
vinyl acetate	ND	10
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
dibromochloromethane	ND	5.0
1,1,2-trichloroethane	ND	5.0
benzene	ND	5.0
trans-1,3-dichloropropene	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
2-hexanone	ND	10
4-methyl-2-pentanone	ND	10
1,1,2,2-tetrachloroethane	ND	5.0
tetrachloroethylene	ND	5.0
toluene	ND	5.0
chlorobenzene	ND	5.0
ethyl benzene	ND	5.0
styrene	ND	5.0
total xylenes	ND	5.0

ND = Not detected at or above reporting limit

QA/QC SUMMARY: SURROGATE RECOVERIES

1,2-Dichloroethane-d4	101%
Toluene-d8	102%
Bromofluorobenzene	95%

Curtis & Tompkins, Ltd.

LAB NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT # : S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/21/90
DATE REPORTED: 09/21/90

ANALYSIS: TOTAL OIL AND GREASE
METHOD: SMWW 17:5520E (503D)

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-13	SB-15 0.5-1.0	18,000	mg/Kg	125
101610-14	SB-15 1.0-1.5	7,900	mg/Kg	125
101610-15	SB-15 3.5-4.0	1,700	mg/Kg	125

QA/QC SUMMARY

RPD, %	3
RECOVERY, %	97

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 09/06/90
09/07/90
DATE REPORTED: 10/04/90

LAB NUMBER: 101770

CLIENT: BASELINE ENVIRONMENTAL

REPORT ON: 12 SOIL SAMPLES

PROJECT #: S9-171
LOCATION: SEABREEZE

RESULTS: SEE ATTACHED

QA/QC Approval

Final Approval

Curtis & Tompkins, Ltd.

LAB NUMBER: 101610
CLIENT: BASELINE ENVIRONMENTAL
PROJECT # : S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE ANALYZED: 09/21/90
DATE REPORTED: 09/21/90

ANALYSIS: HYDROCARBON OIL AND GREASE
METHOD: SMWW 17:5520 E&F

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101610-13	SB-15 0.5-1.0	7,800	mg/Kg	125
101610-14	SB-15 1.0-1.5	4,200	mg/Kg	125
101610-15	SB-15 3.5-4.0	520	mg/Kg	125

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	83

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101770
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
09/07/90
DATE REQUESTED: 09/27/90
DATE ANALYZED: 10/04/90
DATE REPORTED: 10/04/90

ANALYSIS: SOLUBLE COPPER
ANALYSIS METHOD: EPA 7210
EXTRACTION BY WASTE EXTRACTION TEST: CCR TITLE 26 SECTION 22-66700

LAB ID	CLIENT ID	RESULT	UNITS	REPORTING LIMIT
101770-1	SB-12 0.5-1.0	44	mg/L	0.5

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	102

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101770
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/06/90
09/07/90
DATE REQUESTED: 09/27/90
DATE ANALYZED: 10/04/90
DATE REPORTED: 10/04/90

ANALYSIS: SOLUBLE LEAD
ANALYSIS METHOD: EPA 7420
EXTRACTION BY WASTE EXTRACTION TEST: CCR TITLE 26 SECTION 22-66700

LAB ID	CLIENT ID	RESULT	UNITS	REPORTING LIMIT
101770-1	SB-12 0.5-1.0	9.0	mg/L	0.05
101770-2	SB-11 0.5-1.0	3.7	mg/L	0.05
101770-3	SB-12 1.0-1.5	0.72	mg/L	0.05
101770-4	SB-14 0.5-1.0	6.6	mg/L	0.05
101770-5	SB-14 1.0-1.5	1.4	mg/L	0.05
101770-6	SB-2 5.0-5.5	1.1	mg/L	0.05
101770-7	SB-4 0.5-1.0	2.7	mg/L	0.05
101770-8	SB-6 0.5-1.0	28	mg/L	0.05
101770-9	SB-7 1.0-1.5	0.34	mg/L	0.05
101770-10	SB-8 0.5-1.0	1.6	mg/L	0.05
101770-11	SB-9 0.5-1.0	19	mg/L	0.05
101770-12	SB-9 1.0-1.5	12	mg/L	0.05

QA/QC SUMMARY

RPD, %	1
RECOVERY, %	102

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101973
CLIENT: BASELINE ENVIRONMENTAL
PROJECT #: S9-171
LOCATION: SEABREEZE

DATE RECEIVED: 09/07/90
DATE REQUESTED: 10/18/90
DATE ANALYZED: 10/24/90
DATE REPORTED: 10/24/90

ANALYSIS: SOLUBLE LEAD
ANALYSIS METHOD: EPA 7420
EXTRACTION BY WASTE EXTRACTION TEST: CCR TITLE 26 SECTION 22-66700

LAB ID	CLIENT ID	RESULT	UNITS	REPORTING LIMIT
101973-1	SB12 2.5-3.0	2.2	mg/L	0.05

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	99

[redacted]

5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

CHAIN OF CUSTODY RECORD 101598

Turn-Around Time Normal
Lab Curtis & Tompkins
Contact Person

Project No.	Project Name and Location
59-171	Seabreeze

Samplers: (Signature) William K Scott Teresa Amaya

	No. Station	Date	Time	Media	Depth	Composites	No. of Containers	Station Location	Cd, Method 7130	Cr, Method 7190	Cu, Method 7210	Pb, Method 7420	Ni, Method 7520	Tin, Atomic Emission Spectr. Method 8240	ORG, method 503D+E		Remarks	Detection Limits
1	SB-2	9/6/90	8:50	Soil	0.5-1.0	no	1		X	X	X	X	X	X				
2	SB-2	"	8:52	"	1.0-1.5	no	1		X	X	X	X	X	X				
3	SB-2	"	9:02	"	3.0-3.5	no	1		X	X	X	X	X	X				
4	SB-2	9/6/90	9:15	"	5.0-5.5	no	1		X	X	X	X	X	X	X			
5	SB-1	9/6/90	10:00	"	0.5-1.0	no	1		X	X	X	X	X	X				
6	SB-1	"	10:05	"	1.0-1.5	no	1		X	X	X	X	X	X				
7	SB-1	"	10:15	"	3.5-4.0	no	1		X	X	X	X	X	X	X			
8	SB-4	"	11:00	"	0.5-1.0	no	1		X	X	X	X	X	X				
9	SB-4	"	11:07	"	1.0-1.5	no	1		X	X	X	X	X	X				

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Condition of Samples upon Arrival at Laboratory:
William K Scott	9-6-90 4:12 pm			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	
				Remarks:
Relinquished by: (Signature)	Date / Time	Received for laboratory by: (Signature)	Date / Time	
		[illegible]	9-6-90 4:12	

BASELINE
5900 Hollis Street, Suite D
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(415) 420-8686

CHAIN OF CUSTODY RECORD

101598

Turn-Around Time: normal
Lab: Curtis + Tompkins
Contact Person:

Project No.: S9-171
Project Name and Location: Seabreeze
Samplers: (Signature) William K Scott, Teresa Anaya

	No. Station	Date	Time	Media	Depth	Composites	No. of Containers	Station Location	Cd, Method 7130	Cr, Method 7190	Cu, Method 7210	Pb, Method 7420	Ni, Method 7520	Tin, Atomic Emission Spectrometry	Method 8240	O&G, Method 503D&E		Remarks	Detection Limits
10	SB-4	9/6/90	11:10	soil	3.5-4.0	no	1		X	X	X	X	X	X	X				
11	SB-5	"	11:40	"	0.5-1.0	no	1		X	X	X	X	X	X					
12	SB-5	"	11:42	"	1.0-1.5	no	1		X	X	X	X	X	X					
13	SB-5	"	11:45	"	3.5-4.0	no	1		X	X	X	X	X	X	X				
14	SB-3	"	12:05	"	0.5-1.0	no	1		X	X	X	X	X	X					
15	SB-3	"	12:07	"	1.0-1.5	no	1		X	X	X	X	X	X					
16	SB-3	"	12:10	"	3.5-4.0	no	1		X	X	X	X	X	X	X				
17	SB-6	"	13:12	"	0.5-1.0	no	1		X	X	X	X	X	X					
18	SB-6	9/6/90	13:23	soil	2.0-2.5	no	1		X	X	X	X	X	X	X				

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
William K Scott	9-6-90 4:12 pm		
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Scott [signature]	Date / Time 9-6-90 4:12

Condition of Samples upon Arrival at Laboratory:

Remarks:

B[redacted]E

5900 Hollis Street, Suite D
Emeryville, CA 94608
(415) 420-8686

CHAIN OF CUSTODY RECORD

701548

Turn-Around Time normal
Lab Curtis + Tompkins
Contact Person

Project No.	Project Name and Location
89-171	Seabreeze

Samplers: (Signature) William K Scott Teresa Amaya

	No. Station	Date	Time	Media	Depth	Composites	No. of Containers	Station Location	Analysis: Cd Method 7130	Cr Method 7190	Cu Method 7210	Pb Method 7420	Ni Method 7520	Zn Atomic Emission Spectrometry Method 8240	Other Method 503D&E		Remarks	Detection Limits
19	SB-7	9/6/90	13:39	Soil	1.0 1.5	no	1		X	X	X	X	X	X	X	no		
20	SB-8	"	13:55	"	0.5 1.0	no	1		X	X	X	X	X	X	no	X		
21	SB-8	"	13:58	"	1.0 1.5	no	1		X	X	X	X	X	X	no			
22	SB-8	"	14:03	"	2.5 3.0	no	1		X	X	X	X	X	X	X	X		
23	SB-9	"	14:26	"	0.5 1.0	no	1		X	X	X	X	X	X	no			
24	SB-9	"	14:29	"	1.0 1.5	no	1		X	X	X	X	X	X				
25	SB-9	"	14:40	"	3.5 4.0	no	1		X	X	X	X	X	X	X			
26	SB-10	"	14:50	"	0.5-1.0	no	1		X	X	X	X	X	X				
27	SB-10	9/6/90	14:55	Soil	1.0-1.5	no	1		X	X	X	X	X	X				

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
William K Scott	9-6-90 4:12 pm		
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time
		Scott Kottow	9-6-90 4:12

Condition of Samples upon Arrival at Laboratory:

28 * SB-10 3.0-3.5 not on C-O-C

Remarks: Metals, 8240

BASELINE

5900 Hollis Street, Suite D
Emeryville, CA 94608
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CHAIN OF CUSTODY RECORD

Turn-Around Time: normal
Lab: Curtis & Tompkins
Contact Person:

Project No.	Project Name and Location
59-171	Seabreeze

Samplers: (Signature) William K Scott Teresa Anaya

No.	Station	Date	Time	Media	Depth	Composites	No. of Containers	Station Location	Cd, Method 7130	Cr, Method 7190	Cu, Method 7210	Pb, Method 7420	Ni, Method 7520	Method 8240	O&G, Method 5030/E	Tin, atomic emission spectrometry	Remarks	Detection Limits
w/ job 10454 received 9/7	SB-10	9/6/90	15:00	Soil	30-35	no	1		X	X	X	X	X	X		X			
1	SB-12	9/7/90	9:04	"	0.5 1.0	no	1		X	X	X	X	X			X			
2	SB-12	9/7/90	9:06	"	1.0 1.5	no	1		X	X	X	X	X			X			
3	SB-12	9-7-90	9:10	"	2.5 3.0	no	1		X	X	X	X	X	X		X			
4	SB-11	9-7-90	9:35	"	0.5 1.0	no	1		X	X	X	X	X			X			
5	SB-11	9-7-90	9:38	"	1.0 1.5	no	1		X	X	X	X	X			X			
6	SB-11	9-7-90	9:44	"	3.0 3.5	no	1		X	X	X	X	X	X		X			
7	SB-13	9-7-90	10:04	"	0.5 1.0	no	1		X	X	X	X	X			X			
8	SB-13	9-7-90	10:06	Soil	1.0 1.5	no	1		X	X	X	X	X			X			

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Condition of Samples upon Arrival at Laboratory:
William K Scott	9-7-90 12:50	Teresa Anaya	9/7/90 12:50	
Relinquished by: (Signature) Teresa Anaya	Date / Time 9/7/90	Received by: (Signature)	Date / Time	Remarks:
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Scott Ritter	Date / Time 9/7/90 3:50	

[redacted]

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Emeryville, CA 94608
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CHAIN OF CUSTODY RECORD

Turn-Around Time: Normal
Lab: Curtis & Tompkins
Contact Person:

Project No.: S9-171
Project Name and Location: Sea Breeze
Samplers: (Signature) William K Scott

Analysis: Cd Method 7130; Cr Method 7190; Cu Method 7210; Pb Method 7420; Ni Method 7520; T.I atoms emission spectrometry; Method 8240; OTG Method 5030 DHE

	No. Station	Date	Time	Media	Depth	Composites	No. of Containers	Station Location	Cd Method 7130	Cr Method 7190	Cu Method 7210	Pb Method 7420	Ni Method 7520	T.I atoms emission spectrometry	Method 8240	OTG Method 5030 DHE			Remarks	Detection Limits
9 9	SB-13	9-7-90	10:55	Soil	2.5 3.0	no	1		X	X	X	X	X	X	X					
10 10	SB-14	9-7-90	11:10	"	0.5 1.0	no	1		X	X	X	X	X	X						
11 11	SB-14	9-7-90	11:11	"	1.0 1.5	no	1	→	X	X	X	X	X	X						
12 12	SB-14	9-7-90	11:16	"	3.0 3.5	no	1		X	X	X	X	X	X	X					
13 13	SB-15	9-7-90	11:45	"	0.5 1.0	no	1		X	X	X	X	X	X		X				
14 14	SB-15	9-7-90	11:46	"	1.0 1.5	no	1		X	X	X	X	X	X		X				
15 15	SB-15	9-7-90	11:51	"	3.5 4.0	no	1		X	X	X	X	X	X	X	X				
	~~SB~~	~~9-7-90~~		"		no	1													
	SB-	9-7-90		"		no	1													

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	
William K Scott	9-7-90 12:50	Teresa Amaya	9/7/90 12:50	Condition of Samples upon Arrival at Laboratory:
Teresa Amaya	9/7/90	Received by: (Signature)	Date / Time	
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Scott Sutton	9/7/90 3:58	Remarks:

APPENDIX G

UNIFORM HAZARDOUS WASTE MANIFESTS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAR 0 0 0 2 4 5 1 1 2 7			

3. Generator's Name and Mailing Address
Xxxxxxxxxxxxxx-Sea Breeze Yacht Center, Inc.
xxx 6th Avenue (mail: 77 Jack London Square, L.
Oakland, CA 94607 Oakland, CA 94607
4. Generator's Phone (415) xxx-xxxx Attn: Michelle Heffes)

A. State Manifest Document Number: 8799588
B. State Generator's ID:

5. Transporter 1 Company Name: North State Environmental
6. US EPA ID Number: CAD 0 9 8 1 6 9 7 3 6
C. State Transporter's ID:
D. Transporter's Phone:

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
Gonzalez Bucket and Drum Company
1134 Fitzgerald Avenue
San Francisco, CA 94124
10. US EPA ID Number: CAD 0 9 8 3 1 8 3 1 2
G. State Facility's ID:
H. Facility's Phone:

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a. Waste Oil and Water, CA Regulated Waste Only 5	9	DM	45	P	
b. Waste Oil and Water, CA Regulated Waste Only 5	12	DM	60	P	
c. Waste Oil and Water, CA Regulated Waste Only	23	DM	1,150	P	
d. ~~Waste Oil and Water, CA Regulated Waste Only~~ LC.		DM		P	

J. Additional Descriptions for Materials Listed Above
RESIDUE: Last contained water and oil.
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY CONTACT: Michelle Heffes, (415)839-2656.
Use gloves, goggles, and respirator if drums are opened.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. 9/7/90

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	10	31	90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ron Chesluk	[illegible]	10	31	90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
ROBERTO GONZALEZ	[illegible]	10	20	90

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

GREEN: HAULER RETAINS

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

8799588

State of California—Health and Welfare Agency
Form Approved OMB No. 2060—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Service
Toxic Substances Control Divisio
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: C A D 9 8 2 4 0 1 1 2 7 | Manifest Document No.: 9 1 2 9 0

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Seabreeze Yacht Center, Inc.
280 6th Avenue
Oakland, CA 94607
4. Generator's Phone (415) 420-8686

Mail to: Port of Oakland
530 Water St.
Oakland, CA 94604
Attn: Michele Heffes

A. State Manifest Document Number: 90186654
B. State Generator's ID:

5. Transporter 1 Company Name: North State Environmental
6. US EPA ID Number: C A D 0 0 0 6 0 3 7 3 8
C. State Transporter's ID: 104324
D. Transporter's Phone: (415) 588-2838

7. Transporter 2 Company Name: North State Environmental
8. US EPA ID Number: C A D 0 0 0 6 0 3 7 3 8
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
Solvent Services, Inc.
1021 Berryessa Road
San Jose, CA 95133
10. US EPA ID Number: C A D 0 5 9 4 9 4 3 1 0
G. State Facility's ID: (415) 588-2838 / C A D 0 5 9 4 9 4 3 1 0
H. Facility's Phone: (408) 453-6946

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Hydrochloric Acid, Corrosive Material, Drum 1 UN1789	1	D F	250	P	State 791 / EPA/Other D002
b. Waste Oil, Flammable Liquid, NA1270 Drum 2	1	D M	55	G	State 221 / EPA/Other D001
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
A: LP1459. 1x55gal poly LAB PACK -see attached list for contents.
B: FL2048. 40-50% petroleum oil, 25-30% each petroleum distillates, water, 0-1% inorganic chloride.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency Contact: Teresa Anaya (415) 420-8686
Use gloves, goggles, and respirator if drums are opened.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Patricia Murphy For the Port of Oakland As Attorney in Fact For Seabreeze Yacht Ctr. Inc
Signature: For the Port of Oakland As Attorney in Fact For Seabreeze Yacht Ctr. Inc
Month Day Year: 10/9/1990

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ken Chesire
Signature:
Month Day Year: 10/9/1990

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

TRANSPORTER

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year:

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C A D 9 8 2 4 4 1 1 2 7 | Manifest Document No. 0 0 0 0 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Sea Breeze Yacht Center, Inc.
Hoxxxxxxxxxxxx Mail to: Baseline Environmental
280 6th Avenue 5900 Hollis St., Ste. D
Oakland, CA 94607 Emeryville, CA 94608
4. Generator's Phone (415) 272-1178 Attn: Steve Wisbaum

A. State Manifest Document Number **90099050**

B. State Generator's ID H Y H 0 2 6 - 0 2 5 8 2 3

5. Transporter 1 Company Name: North State Environmental | 6. US EPA ID Number: C A D 0 0 0 0 0 0 0 7 0 8

C. State Transporter's ID 104379

D. Transporter's Phone (415)588-2838

7. Transporter 2 Company Name: North State Environmental | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone (415)588-2838

9. Designated Facility Name and Site Address | 10. US EPA ID Number

Envirosafe Services of Idaho, Inc.
10.5mi W. of Grandview, ID 83624 I D D 0 7 3 1 1 4 6 5 4

G. State Facility's ID I D D 0 7 3 1 1 4 6 5 4

H. Facility's Phone (208)384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste Corrosive Solid N.O.S., UN1759(D002,D008) (contains: sulfuric acid, lead)	1	D F	120	P	State 181; EPA/Other D002/D008
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
A: PC# 16710. 30gal solid drum. 10% sulfuric acid, 10% battery carcus, 80% diatomaceous earth, <1% lead sulfate.

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information

Emergency contact: Michele Heffes, (415)272-1178.
Use gloves, goggles, and respirator if drums are opened.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
TERESA ANAYA FOR THE PORT OF OAKLAND	Teresa Anaya FOR THE PORT OF OAKLAND	04	24	90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
GARY JENSEN	Gary C Jensen	04	24	90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982461127
Manifest Document No.: 50000
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ~~Port of Oakland~~ SEABREEZE YACHT CENTER, INC. — Mail To: Port of Oakland Attn: M. Heffes
280 6th Avenue
Oakland, CA 94607
530 Water St.
Oakland, CA 94604-2064
4. Generator's Phone (415) 420-8586

A. State Manifest Document Number: 90099132
B. State Generator's ID: HYHQ36-025823

5. Transporter 1 Company Name: North State Environmental
6. US EPA ID Number: CAD000000373 8
C. State Transporter's ID: 104323
D. Transporter's Phone: (415) 588-2838

7. Transporter 2 Company Name: North State Environmental
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
10. US EPA ID Number: CAD000000373 8
G. State Facility's ID: (415) 588-2838
CAD059494310

Solvent Services, Inc.
1021 Berryessa Road
San Jose, CA 95133
CAD059494310
H. Facility's Phone: (408) 453-6046

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Oil, Flammable Liquid, NA1270 Drums 1-5	~~5~~ 4	DM	~~275~~ 220	G	State 221; EPA/Other D001
b. Waste Flammable Liquid NOS, UN1993 (xylene/toluene) Drum 6	1	DM	55	G	State 213; EPA/Other F003,5/D0[illegible]
c. Waste Oil, Flammable Liquid, NA1270 Drums 7-11	5	DM	275	G	State 221; EPA/Other D001
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above

A: FL2046. 40-60% petroleum oil, 0-10% water.
B: FL2047. 50-70% petroleum distillates, 10-15% each xylene, n-butyl benzene, 7-10% toluene, 4-5% trimethyl benzene, 0-5% water, 1-2% benzene.
C: FL2048. 40-50% petroleum oil, 25-30% each petroleum distillates, water, 0-1% inorganic chloride.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information

Emergency Contact: Teresa Anaya (415) 420-8686
Use gloves, goggles, and respirator if drums are opened.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month Day Year
Teresa Anaya FOR THE PORT OF OAKLAND	Teresa Anaya FOR THE PORT OF OAKLAND	10 05 90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Angel Vazqusz	[signature]	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.
CAD982401127	00510		

3. Generator's Name and Mailing Address ~~Port of Oakland Mail~~ SEA BREEZE YACHT CENTER INC to:Port of Oakland Attn:Michele Heffes
280 6th Ave. 530 Water St.
Oakland, CA 94607 Oakland,CA 94064-2064
4. Generator's Phone (415) 420-8686

A. State Manifest Document Number: 90099129
B. State Generator's ID: HYB036-025823

5. Transporter 1 Company Name: North State Environmental
6. US EPA ID Number: CAD000603738
C. State Transporter's ID:
D. Transporter's Phone: (415)588-2838

7. Transporter 2 Company Name: North State Environmental
8. US EPA ID Number: CAD000603738
E. State Transporter's ID:
F. Transporter's Phone: (415)588-2838

9. Designated Facility Name and Site Address
Envirosafe Services of Idaho, Inc.
10.5mi NW of Grandview, ID 83624
10. US EPA ID Number: IDD073114654
G. State Facility's ID: IDD073114654
H. Facility's Phone: (208)384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Empty Motor Oil Containers, Non-RCRA Waste Drums 1-2	2	DM	700	P	State 513; EPA/Other Non-RCRA
b. Waste Solidified Paint, Non-RCRA Waste Drums 3-4	2	DM	700	P	State 352; EPA/Other Non-RCRA
c. Waste Gasoline Contaminated Soil, Non-RCRA Waste Drum 5	1	DM	500	P	State 611; EPA/Other Non-RCRA
d. Waste Titanium Dioxide, Non-RCRA Waste Drum SB1	1	DM	390	P	State 551; EPA/Other Non-RCRA

J. Additional Descriptions for Materials Listed Above

A: PCN 1671A. 80% RCRA empty containers, 20% diatomaceous earth
B: PCN 1671B. 65% diatomaceous earth, 35% solidified paint
C: PCN 1671D. 99% soil, 1% gasoline
D: PCN 1671E. Lab pack. See attached list for drum contents

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information

Emergency contact: Teresa Anaya (415) 420-8686
Use gloves, goggles, and respirator if drums are opened.

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Printed/Typed Name	Signature	Month	Day	Year
Teresa Anaya for the Port of Oakland	Teresa Anaya for the Port of Oakland	05	09	90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Angel Vazquez	Angel Vazquez	05	09	90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / FACILITY

[redacted] CASE [redacted] IN E[redacted] NCY [redacted] PILL [redacted] THE [redacted] ONAL [redacted] ONS [redacted] ITER [redacted] -424 [redacted] WITH [redacted] LIFO [redacted] CALL [redacted] 0-852 [redacted]

DHS 8022 A (1/88)
EPA 8700—22
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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.: CAD982401127

Manifest Document No.: P0518

22. Page: 2

Information in the shaded areas is not required by Federal law.

23. Generator's Name
~~Port of Oakland~~ Mail To: Port of Oakland Attn: M. Heffes
2?? 6th Avenue 530 Water St.
Oakland, CA 946?7 Oakland, CA 94604-2064
(415) 420-????

L. State Manifest Document Number: 90099129

M. State Generator's ID

24. Transporter 1 Company Name: North State Environmental

25. US EPA ID Number

N. State Transporter's ID

O. Transporter's Phone

26. Transporter 2 Company Name: North State Environmental

27. US EPA ID Number: CAD?????????

P. State Transporter's ID (415)588-2838

Q. Transporter's Phone (415)588-2838

28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a. Waste Cellulose Ether, Non-RCRA Waste Drum SB?		1	DM	500	P	551-Non-RCRA
b. Waste Calcium Carbonate, Non-RCRA Waste Drum SB3		1	DM	500	P	551-Non-RCRA
c.						
d.						
e.						
f.						
g.						
h.						
i.						

S. Additional Descriptions for Materials Listed Above

A & B: PON 1571E. Lab packs. See attached lists for drum contents.

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

Use gloves and goggles if drums opened or leaking also use safety glasses and proper respiratory equipment.

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year: 7 90

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

35. Discrepancy Indication Space

Style F16 REV-6 LABELMASTER, Div. of AMERICAN LABELMARK CO., CHICAGO, IL 60646

EPA Form 8700-22A (Rev 9-88) Previous editions are obsolete

State of California—Health and Welfare Agency
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

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UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator's US EPA ID No.: C A D 9 8 2 4 9 1 1 2 7
Manifest Document No.: [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Port of Oakland Mail to: Port of Oakland Attn: Michele Heffes
280 6th Avenue 530 Water Street
Oakland, CA 94607 Oakland, CA 94064-2064
4. Generator's Phone (415) 420-8686

A. State Manifest Document Number: 90099141
B. State Generator's ID: H A H Q 3 6 - 0 2 5 8 2 3

5. Transporter 1 Company Name: North State Environmental
6. US EPA ID Number: C A D 0 0 0 5 0 3 7 3 8
C. State Transporter's ID: 104323
D. Transporter's Phone: (415)588-2838

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
Gonzalez Bucket and Drum Company
1324 Fitzgerald Avenue
San Francisco, CA 94124
10. US EPA ID Number: C A D 9 8 1 3 8 3 2 2 7
G. State Facility's ID: C A D 9 8 1 3 8 3 2 2 7
H. Facility's Phone: (415)822-7130

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Empty drums, Non-RCRA Waste Only	4	D M	200	P	State 512; EPA/Other Non-RCRA
b. Empty containers, Non-RCRA Waste Only	3	~~DF~~ SW	15	P	State 513; EPA/Other Non-RCRA
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
A: X55gal empty METAL drums. RESIDUE: Last contained water and oil.
B: X5gal empty POLY cans. RESIDUE: Last contained water and oil.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency contact: Teresa Anaya (415)420-8686.
Use gloves, goggles, and respirator if drums are opened.

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Printed/Typed Name	Signature	Month	Day	Year
Steven Wisbaum for Port of Oakland	Steven Wisbaum for Port of Oakland	05	10	90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
KURT DREGER	[signature]	05	10	90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address → SEABREEZE YACHT CENTER, INC.
~~Port of Oakland~~ Mail to: Port of Oakland Attn: Michele Heffes
230 6th Ave. / 530 Water St.
Oakland CA 94607 / Oakland, CA 94604-2064

4. Generator's Phone (415) 420-8686

A. State Manifest Document Number: 90186467

B. State Generator's ID: ~~XXXXXX~~

5. Transporter 1 Company Name: North East Environmental
6. US EPA ID Number

C. State Transporter's ID: 104323
D. Transporter's Phone: (415) 588-2838

7. Transporter 2 Company Name: North East Environmental
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone: (415) 588-2838

9. Designated Facility Name and Site Address
Envirosafe Services of Idaho, Inc.
10.5 mi W of Grand View, ID 83624

10. US EPA ID Number

G. State Facility's ID: IDD073114654
H. Facility's Phone: (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste Corrosive Solid, NOS (D002, D008) UN1759 Corrosive Material (contains: sulfuric acid, lead)	1	DM	150	P	State 181; EPA/Other D002/D008
b. DRUM 1					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
A: PCN#1571C. 5-15% sulfuric acid, 5-15% battery carcass, 70-90% diatomaceous earth, 0-1% lead sulfate. 0-10,000ppm lead.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency contact: Teresa Anaya (415) 420-8686
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Printed/Typed Name: FOR THE PORT OF OAKLAND AS ATTORNEY-IN-FACT FOR SEA BREEZE YACHT CENTER, INC TERESA ANAYA
Signature: Teresa Anaya FOR THE PORT OF OAKLAND AS ATTORNEY-IN-FACT FOR SEABREEZE YACHT CENTER, INC
Month Day Year: 07 31 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: KURT DREGER
Signature: [signature]
Month Day Year: 07 31 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

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Signature
Month Day Year

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GENERATOR / TRANSPORTER / FACILITY

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To: P.O. Box 400, Sacramento, CA 95812-0400

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type (Form designed for use on elite (12-pitch typewriter).

Department of Health Se
Toxic Substances Control D
Sacramento, Cal

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Seabreeze Yacht Center ~~Alameda Airport~~ Jack
6th Street on the Water
Oakland, CA 94607
4. Generator's Phone ( ) 420-2586

A. State Manifest Document Number 90186484
B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number
Marine Spill Response Corporation

C. State Transporter's ID 104321
D. Transporter's Phone (415) 588-2838

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number
Gonzalez Bucket and Drum Company
1334 Fitzgerald Avenue
San Francisco, CA 94124

G. State Facility's ID
H. Facility's Phone (415) 822-3138

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Oil, NOS, NA1270, Combustible Liquid	1	DM	50	P	State 512 EPA/Other Non-PCB
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
A:1x55gal. drum. Last contained oil.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency Contact, 7 days/week (415) 420-2586
Use gloves, goggles, and respirator if drums are opened.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: Teresa Angulo for the PORT OF OAKLAND AS ATTORNEY-IN-FACT for Sea Bucket Drum Company
Signature: for the Port of Oakland as Attorney-in-fact for Sea Bucket Drum Company
Month Day Y: 08 06 9

17. Transporter 1 Acknowledgement of Receipt of Materials

TRANSPORTER

Printed/Typed Name: KURT DREGER
Signature:
Month Day Y: 08 06 9

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Y:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature:
Month Day Y:

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30
To: P.O. Box 400, Sacramento, CA 95812-0400

STATE OF LOUISIANA
PARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST Nº 018391

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

MARINE SHALE PROCESSORS, INC.
HIGHWAY 90 EAST
MORGAN CITY, LOUISIANA 70380

10. US EPA ID Number

L A D 9 8 1 0 5 7 7 0 6

A. State Manifest Document Number

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(504) 631-3161

11. US DOT Description (Including Proper Shipping Name, Hazard Class. and ID Number)	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.
a.					R
b.					R
c.					R
d.					R

J. Additional Descriptions for Materials Listed Above — RECYCLE / REUSE

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IF UNABLE TO DELIVER, RETURN TO GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

GENERATOR

TRANSPORTER

FACILITY

EPA Form 8700-22 (Rev. 9/88) **WHITE** – DEQ, **GREEN** – Generator, **YELLOW** – TSDRF, **BLUE** – Transporter 2, **PINK** – Transporter 1, **GOLD** – Generator DEQ FORM HW-3 (R-9/88)

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: SEABREEZE YACHT CENTER, INC.

4. Generator's Phone ( )

A. State Manifest Document Number: 90185732

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID: 104321

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Paint Related Material, NOS	1	DM	50	P	State 512 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

A: 55gal empty drum. Last contained paint thinner.

K. Handling Codes for Wastes Listed Above

a. | b. | c. | d.

15. Special Handling Instructions and Additional Information

Emergency contact: [illegible] (415)[illegible].
Use gloves, goggles, and respirator if fumes are present.

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Patricia Murphy for the [illegible] | Signature | Month Day Year: 1/1/12

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: KURT DREGER | Signature | Month Day Year: 1/1/1290

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7560

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

APPENDIX H

CERTIFICATES OF DISPOSAL OF FUEL TANKS

№ 4625-T2887
Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4625 Location: Richmond Date: 10-04-90 Time: 9:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 500 Gal. Tank	Safe for Fire Oxy 20.9% LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Representative K. Hughes Title

Inspector L. Lowry

CP5875

№ 4626-72887
Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4626 Location: Richmond Date: 10-04-90 Time: 11:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire Oxy 20.9% LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

S. Lowry
Inspector

CP5875

№ 4627-72887
Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4627 Location: Richmond Date: 10-04-90 Time: 9:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire Oxy 20.9%
	LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Deighes

Representative Title Inspector

CP5875

№ 4628 – 12887

Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4628 Location: Richmond Date: 10-08-90 Time: 1:30 p.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire
	Oxy 20.9%
	LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

Shannon Lowry
Inspector

CP5875

№ 4629-72887
Base line Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4629 Location: Richmond Date: 10-04-90 Time: 9:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire Oxy 20.9% LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

Shannon Lowry
Inspector

CP5875

STATE OF LOUISIANA
PARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST Nº 018391

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number

MARINE SHALE PROCESSORS, INC.
HIGHWAY 90 EAST
MORGAN CITY, LOUISIANA 70380

L A D 9 8 1 0 5 7 7 0 6

G. State Facility's ID

H. Facility's Phone (504) 631-3161

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.
a.			500		R
b.			1,200		Non-RCRA R
c.					R
d.					R

J. Additional Descriptions for Materials Listed Above — RECYCLE/REUSE

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IF UNABLE TO DELIVER, RETURN TO GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

GENERATOR TRANSPORTER FACILITY

EPA Form 8700-22 (Rev. 9/88) **WHITE** – DEQ, **GREEN** – Generator, **YELLOW** – TSDRF, **BLUE** – Transporter 2, **PINK** – Transporter 1, **GOLD** – Generator DEQ FORM HW-3 (R 9/88)

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: C A D 9 8 2 4 9 1 1 2 7
Manifest Document No.: 4 0 9 9 0
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: 90186605

3. Generator's Name and Mailing Address
Seabreeze Yacht Center, Inc.
280 6th Avenue
Oakland, CA 94607
Mail to: Port of Oakland
530 Water St.
Oakland, CA 94604
Attn: Michele Heffes

B. State Generator's ID

4. Generator's Phone (415) 420-8686

5. Transporter 1 Company Name: ~~North State Environmental~~
6. US EPA ID Number: C A D 9 8 0 6 8 3 7 3 8

C. State Transporter's ID: 104323
D. Transporter's Phone: (415)588-2838

7. Transporter 2 Company Name: ~~North State Environmental~~
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
Solvent Services, Inc.
1021 Berryessa Road
San Jose, CA 95133
10. US EPA ID Number: C A D 0 5 9 4 9 4 3 1 0

G. State Facility's ID: C A D 0 5 9 4 9 4 3 1 0
H. Facility's Phone: (408)453-6046

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Paint, Flammable Liquid, UN1263 Drums 1-9	9	D M	525	G	State 331; EPA/Other D001
b. ~~RQ, Waste Flammable Liquid NOS, UN1993 Drums 10,11 (xylene, toluene)~~ MH	~~2~~	~~D M~~	~~55~~ MH	G	State ~~[illegible]~~ MH; EPA/Other ~~[illegible]~~ MH
c. Waste Oil, Flammable Liquid, NA1270 Drums 12,13, ~~X~~ MH	2 MH (~~3~~)	D M	85 MH (~~[illegible]~~)	G	State 221; EPA/Other D001
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
A: 8x55gal,1x85gal drums.FL2073. 10-20% titanium dioxide, 0-20% titanium calcium, 30-40% mineral spirits, 0-5% water, 20-30% polyester resin. ~~B: 2x55gal drums. FL2047. 50-70% petroleum distillates, 10-15% each xylene, n-butyl benzene, 2-10% toluene, 4-5% trimethyl benzene, 0-5% water, 1-2% benzene.~~ MH

K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information
C:1x55gal,1x30gal, ~~1x85gal drums~~ MH. FL2048. 40-50% petroleum oil, 25-30% each petroleum distillates, water, 0-1% inorganic chloride.
Emergency Contact: Teresa Anaya (415) 420-8686
Use gloves, goggles, and respirator if drums are opened.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: By Port of Oakland by Michele Heffes as Attorney-in-Fact for Seabreeze Yacht Center Inc.
Signature: By Port of Oakland by [signature] as Attorney-in-Fact for Seabreeze Yacht Center Inc.
Month Day Year: 09 04 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: KURT DREGER
Signature: [signature]
Month Day Year: 09 04 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD982001027	00004		

3. Generator's Name and Mailing Address
Seabreeze Yacht Center, Inc. Mail to: Port of Oakland
280 6th Ave. 530 Water St.
Oakland, CA 94607 Oakland, CA 94607
4. Generator's Phone 415) 420-8686 Attn: Michele Heffes

A. State Manifest Document Number 90186606
B. State Generator's ID

5. Transporter 1 Company Name North State Environmental
6. US EPA ID Number CAD000626378
C. State Transporter's ID 104323
D. Transporter's Phone (415)588-2838

7. Transporter 2 Company Name ~~North State Environmental~~
8. US EPA ID Number ~~CAD000626378~~
E. State Transporter's ID
F. Transporter's Phone ~~(415)588-2838~~

9. Designated Facility Name and Site Address
Envirosafe Services of Idaho, Inc.
10.5mi NW of Grandview, ID 83624
10. US EPA ID Number IDD073114654
G. State Facility's ID IDD073114654
H. Facility's Phone (208)384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid Drums 1-7	7	DM	4900	P	State 611 EPA/Other Non-RCRA
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
A: PCN 1671D. 90-100% soil, 0-5% gasoline, 0.61ppm barium 0.21ppm cadmium, 0.01ppm chromium, 0.41ppm lead.

K. Handling Codes for Wastes Listed Above a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency contact: Teresa Anaya (415) 420-8685
Use gloves, goggles, and respirator if drums are opened.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
By Port of Oakland by Michele Heffes as Attorney-in Fact for Seabreeze Yacht Center Inc.	By Port of Oakland by Michele Heffes as Attorney-in Fact for Seabreeze Yacht Center Inc.	09	04	90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
KURT DREGER	[signature]	09	04	90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN E[redacted]ENCY OR SPIL[redacted]L THE NATIONAL RESPONSE CENTER [redacted]-424-[redacted] WITHIN CALIFORNIA CALL [redacted]

D[redacted]S 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Service
Toxic Substances Control Divisio
Sacramento, California

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982401127 — Manifest Document No.: 99012
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address:
Seabreeze Yacht Center/~~Oakland Airport~~
6th Street on the Water
Oakland CA. 94607

4. Generator's Phone (415) 420-8686

A. State Manifest Document Number: 90186656

B. State Generator's ID:

5. Transporter 1 Company Name: North State Environmental
6. US EPA ID Number: CAD000650373?

C. State Transporter's ID: 104321
D. Transporter's Phone: (415)588-2838

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address:
Gonzalez Bucket and Drum Company
1324 Fitzgerald Avenue
San Francisco, CA 94124

10. US EPA ID Number: CAD981383227

G. State Facility's ID: CAD981383271
H. Facility's Phone: (415)822-3130

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Oil, NOS, NA1270, Combustible Liquid	7	DF	70	P	State 513; EPA/Other Non-RCRA
b. Waste Acetone, Flammable Liquid, UN1090	1	DM	50	P	State 512; EPA/Other Non-RCRA
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
A:7x5gal poly empty drums that last contained motor oil.
B:1x55gal metal empty drum that last contained acetone.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency Contact: Teresa Anaya (415) 420-8686
Use gloves, goggles, and respirator if drums are opened.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Patricia Murphy — For the Port of Oakland As Attorney in Fact
Signature: [signature] For the Port of Oakland As Attorney in Fact for Seabreeze Yacht Ctr Inc
Month Day Year: 09/12/90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ken Charlie
Signature: [signature]
Month Day Year: 09/12/90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year:

DHS 8022 A (1/88)
EPA 8700—22
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CA D 9 8 2 4 0 1 1 2 7 — Manifest Document No.: 0010101
2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Seabreeze Yacht Center, Inc.
280 - 6th Ave..
Oakland, CA 94607
4. Generator's Phone ( )

Mail To: Port of Oakland
530 Water St.
Oakland, CA 94614

A. State Manifest Document Number: 89891923
B. State Generator's ID:

5. Transporter 1 Company Name: Dillard Tenckhoff
6. US EPA ID Number: CAD981692809
C. State Transporter's ID: 100980
D. Transporter's Phone: (415) 634-0567

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801
10. US EPA ID Number: CAD009466892
G. State Facility's ID
H. Facility's Phone: (415) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	0015	T	P 01500	P	State 512 / EPA/Other None
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. 5 Empty storage Tank (s) # 4625 4626 4627 4628 4629 Tank (s) have been Inerted with 15 lbs. Dry Ice per 1000 gal. capacity.

K. Handling Codes for Wastes Listed Above
a. — b.
c. d.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.S.T. 's

16.
GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Patricia Murphy (for the Port of Oakland, is attorney, in fact for Seabreeze Yacht Center Bldg.) — Signature: Patricia Murphy (for the Port of Oakland as attorney, in fact for Seabreeze Yacht Center, Inc.) — Month Day Year: 11 01 02 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Lowell Green — Signature: Lowell Green — Month Day Year: 11 01 02 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

GENERATOR
TRANSPORTER
FACILITY

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EPA 8700—22
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: C A D [illegible]
Manifest Document No.: [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Port of Oakland
530 Water Street
Oakland, Ca. 94604-2064
Mail to: Port of Oakland
530 Water St.
Oakland, CA. 94604-2064
Attn:Theresa Anaya
4. Generator's Phone (415) 272-1173

A. State Manifest Document Number: 90185733
B. State Generator's ID: HYHD36L025823

5. Transporter 1 Company Name: North State Environmental
6. US EPA ID Number: C A D [illegible]
C. State Transporter's ID: 104321
D. Transporter's Phone: (415)588-2838

7. Transporter 2 Company Name: North State Environmental
8. US EPA ID Number: C A D [illegible] 7 3 3
E. State Transporter's ID
F. Transporter's Phone: (415)588-2838

9. Designated Facility Name and Site Address
Envirosafe Services of Idaho, Inc.
10.5mi NW of Grandview, ID 83624
10. US EPA ID Number: I D D 0 7 3 1 1 4 6 5 4
G. State Facility's ID: I D D 0 7 3 1 1 4 6 5 4
H. Facility's Phone: (208)834-1599

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid Drums 1-5	5	D M	3500	P	State 611; EPA/Other Non-RCRA
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
A: PCN 1671D. 55gal drums: 90-100% soil, 0-5% gasoline.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency contact: Theresa Anaya (415)420-8586.
Use gloves, goggles, and respirator if drums are opened.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Patricia Murphy, for Port of Oakland as attorney in fact for Seabreeze Yacht Ctr
Signature: Patricia [signature] for Port of Oak. as attorney in fact for Yacht Ctr
Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: KURT DREGER
Signature: [signature]
Month Day Year: 1 12 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible]	Manifest Document No.	2. Page 1 of 1
Information in the shaded areas is not required by Federal law.		

GENERATOR

3. Generator's Name and Mailing Address: YACHT CENTER, INC. [illegible] 2806 [illegible] Ave. [illegible] Oakland, CA 94607
4. Generator's Phone ( ) [illegible]
5. Transporter 1 Company Name: [illegible] — 6. US EPA ID Number: [illegible]
7. Transporter 2 Company Name — 8. US EPA ID Number
9. Designated Facility Name and Site Address: [illegible] San Francisco, CA [illegible] — 10. US EPA ID Number: C[illegible]

A. State Manifest Document Number: 90185732
B. State Generator's ID: [illegible]
C. State Transporter's ID: 104321
D. Transporter's Phone: (415)[illegible]
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID: CA[illegible]
H. Facility's Phone: (415)[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Paint Related Material, [illegible] Combustible Liquid	1	[illegible]	50	[illegible]	State 512; EPA/Other [illegible]
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above

A: 55gal empty drum. Last contained paint thinner.

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information

Emergency contact: [illegible] (415)[illegible].
Use gloves, goggles, and respirator if drums are opened.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month Day Year
Patricia Murphy for [illegible]	[illegible]	1/1[illegible]90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
KURT DREGER	[signature]	1/12690

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

№ 4625-72887
Baseline Enviros

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4625 Location: Richmond Date: 10-04-90 Time: 9:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 500 Gal. Tank	Safe for Fire Oxy 20.9%
	LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

L. Lowry
Inspector

CP5875

№ 4626-72887
Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4626 Location: Richmond Date: 10-04-90 Time: 11:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire
	Oxy 20.9%
	LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

S. Lowry
Inspector

CP5875

№ 4627-72887
Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4627 Location: Richmond Date: 10-04-90 Time: 9:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire
	Oxy 20.9%
	LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

Inspector

CP5875

№ 4628 – 7285

Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4628 Location: Richmond Date: 10-08-90 Time: 1:30 p.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire Oxy 20.9% LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

Shannon Lowry
Inspector

CP5875

№ 4629-72887
Baseline Enviro

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4629 Location: Richmond Date: 10-04-90 Time: 9:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Diesel

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 250 Gal. Tank	Safe for Fire
	Oxy 20.9%
	LEL- Less than 0.1%

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Title

Shannon Lowery
Inspector

CP5875

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS SHIPPING ORDER

must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: Erickson, Trucking Inc. SCAC

Carrier's No. 019
Date

TO: Consignee / Street / Destination: LMC Corp. 600 S. 4th St. Richmond, Ca. 94805 Zip

FROM: Shipper / Street / Origin: Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801 Zip

Route:

Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		72887/4620					
		72977/4612 - 72983-4616-4617	NONE	N/A	N/A	N/A	NONE
		72985/4578 - 72874-4525					
		[redacted] 72874-4524					
		73027/4669 - DON C.					

Remit C.O.D. to:
Address:
City: State: Zip:

COD Amt: $

C.O.D. FEE: Prepaid ☐ Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

FREIGHT CHARGES ☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED: NO

PLACARDS SUPPLIED: ☐ YES ☐ NO — FURNISHED BY CARRIER

DRIVER SIGNATURE:

SHIPPER: Erickson, Inc.
PER: Shannan Lowry
DATE: 10-4-90

CARRIER: ERICKSON INC
PER: [signature]
DATE: 10/4/90

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

9-BLS-A3
(Rev. 9/88)

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LMC METALS
A DIVISION OF SIMSMETAL USA CORPORATION
600 SOUTH 4th STREET
RICHMOND, CALIFORNIA 94804
(415) 236-0606

TICKET# 20256

MATL. 10201-1 UNP
PRICE / TON: $
TOTAL PRICE: $
PAY WEIGHT: 5040
WEIGHT ADJUSTMENT: 0 PERCENT: *****%
INBOUND WEIGHT: 35800 Lbs.

ACCOUNT: 22168801
ERICKSON INC.

ASH I.D.:

TRUCK NO. LICENSE NO. 1B55413
DRIVER:

35800	(M)	Gross Weight Lbs.	10/04/90- 10:07	FRT. CODE: 1 COST: $	0.00
30760		Tare Weight Lbs.	10/04/90- 10:26		
5040		Net Weight Lbs.			

CUSTOMER COPY

SIGNATURE OF SELLER OR AGENT

LMC METALS WEIGHMASTER

E-40892

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no hazardous material as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

FOR HELP I... EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS SHIPPING ORDER ...ed, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: Erickson, Trucking Inc. SCAC Carrier's No. 019 Date

TO: Consignee LMC Corp. Street 600 S. 4th St. Destination Richmond, Ca. 94805 Zip

FROM: Shipper Erickson, Inc. Street 255 Parr Blvd. Origin Richmond, Ca. 94801 Zip

Route: Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		72959/4644-4647/72963-4664-4665	NONE	N/A	N/A	N/A	NONE
		72887/4626/72874-4527					
		T3009/4655/72988/4643					

Remit C.O.D. to:
Address:
City: State: Zip:

COD Amt: $

C.O.D. FEE: Prepaid ☐ Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions of this shipping order is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignor)

FREIGHT CHARGES ☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED NO

PLACARDS SUPPLIED ☐ YES ☐ NO — FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: Erickson, Inc. CARRIER:
PER: Shannan Lowry PER:
DATE: DATE:
EMERGENCY RESPONSE TELEPHONE NUMBER: 10-4-90 ( )

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

9-BLS-A3 (Rev. 9/88)

WEIGHMASTER CERTIFICATE

S IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by pter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LMC METALS
A DIVISION OF SIMSMETAL USA CORPORATION
600 SOUTH 4th STREET
RICHMOND, CALIFORNIA 94804
(415) 236-0606

TICKET# 20281

MATL. 10201-1 UNP
PRICE / TON: $ PAY WEIGHT: 5300
TOTAL PRICE: $
WEIGHT ADJUSTMENT: 0 PERCENT: ******%
INBOUND WEIGHT: 33360 Lbs.

ACCOUNT: 22168801
ERICKSON INC.

CASH I.D.: TRUCK NO. PARKER LICENSE NO. /3F76197
DRIVER:

33360	(M)	Gross Weight Lbs.	10/04/90- 12:06	FRT. CODE: 1 COST: $	0.00
28060		Tare Weight Lbs.	10/04/90- 12:26		
5300		Net Weight Lbs.			

SIGNATURE OF SELLER OR AGENT

LMC METALS WEIGHMASTER 2-40914

CUSTOMER COPY

SALVAGE VEHICLE SALES: I ... by certify, under penalty of ...ry, that any vehicles sold have ... cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no hazardous material as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS SHIPPING ORDER

must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: Erickson, Trucking Inc. SCAC Carrier's No. 019 Date

TO: Consignee / Street / Destination: LMC Corp. 600 S. 4th St. Richmond, Ca. 94805 Zip

FROM: Shipper / Street / Origin: Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801 Zip

Route: Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		72952/4590	NONE	N/A	N/A	N/A	NONE
		72887/4627-4629					

Remit C.O.D. to:
Address:
City: State: Zip:

COD Amt: $

C.O.D. FEE: Prepaid ☐ Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

FREIGHT CHARGES ☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per S. Lowry

PLACARDS REQUIRED: No

PLACARDS SUPPLIED: ☐ YES ☐ NO — FURNISHED BY CARRIER

DRIVER SIGNATURE:

SHIPPER: Erickson, Inc.
PER: Shannan Lowry
DATE: 10-4-90

CARRIER:
PER:
DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

9-BLS-A3 (Rev. 9/88)

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

WEIGHMASTER CERTIFICATE

I HEREBY CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LMC METALS
A DIVISION OF SIMSMETAL USA CORPORATION
600 SOUTH 4th STREET
RICHMOND, CALIFORNIA 94804
(415) 236-0606

TICKET# 20239

MATL. 10201-1 UNP
PRICE / TON: $
TOTAL PRICE: $
PAY WEIGHT: 16360
WEIGHT ADJUSTMENT: 0 PERCENT: *****%
INBOUND WEIGHT: 44460 Lbs.

ACCOUNT: 22168801
ERICKSON INC.

TRUCK I.D.:
TRUCK NO. PARKER LICENSE NO. 3F66197

DRIVER:

44460	(M)	Gross Weight Lbs.	10-4-90	8:55	FRT. CODE: 1 COST: $ 0.00
28100		Tare Weight Lbs.		9:07	
16360		Net Weight Lbs.			

CUSTOMER COPY

SALVAGE VEHICLE SALES: I ... under penalty of ... my vehicles sold have ... for dismantling with ... Department of Motor Vehicles.

MOTOR HARMLESS AGREEMENT ... and hold ... harmless ... responsible for damage to vehicle during unloading.

TRUCK SALE ... delivered, I will not convey title to LMC METALS.

SIGNATURE OF SELLER OR AGENT

LMC METALS WEIGHMASTER

2-40880

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No.

CARRIER: Erickson, Trucking Inc. SCAC Carrier's No. 019 Date

TO: Consignee LMC Corp. Street 600 S. 4th St. Destination Richmond, Ca. 94805 Zip

FROM: Shipper Erickson, Inc. Street 255 Parr Blvd. Origin Richmond, Ca. 94801 Zip

Route: Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		73017/4676 —	NONE	N/A	N/A	N/A	NONE
		729576/4635 = 4633					
		72887/4628 —					

Remit C.O.D. to:
Address:
City: State: Zip:

COD Amt: $

C.O.D. FEE: Prepaid ☐ Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignor)

FREIGHT CHARGES ☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per

PLACARDS REQUIRED: NO

PLACARDS SUPPLIED ☐ YES ☐ NO — FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: Erickson, Inc. CARRIER:
PER: Shannan Lowry PER:
DATE: 10-5-90 DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

9-BLS-A3 (Rev. 5/90)

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LMC METALS
A DIVISION OF SIMSMETAL USA CORPORATION
600 SOUTH 4th STREET
RICHMOND, CALIFORNIA 94804
(415) 236-0606

TICKET# 20626

MATL. 10201-1 UNP
PRICE / TON: $ 4 PAY WEIGHT: 16360
TOTAL PRICE: $
WEIGHT ADJUSTMENT: 0 PERCENT: *****%
INBOUND WEIGHT: 45620 Lbs.

ACCOUNT: 22168801
ERICKSON INC.

CASH I.D.: TRUCK NO. LICENSE NO.
DRIVER: /

45620 (M) Gross Weight Lbs. 10/08/90- 14:21 FRT. CODE: 1 COST: $ 0.00
29260 Tare Weight Lbs. 10/08/90- 14:36
16360 Net Weight Lbs.

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: [illegible]

[illegible]

SIGNATURE OF SELLER OR AGENT

LMC METALS WEIGHMASTER

2-41181

CUSTOMER COPY

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No.

Carrier's No. 019
Date

CARRIER: Erickson, Trucking Inc. SCAC

TO: Consignee LMC Corp.
Street 600 S. 4th St.
Destination Richmond, Ca. 94805 Zip

FROM: Shipper Erickson, Inc.
Street 255 Parr Blvd.
Origin Richmond, Ca. 94801 Zip

Route:

Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		72952/4590	NONE	N/A	N/A	N/A	NONE
		72887/4627-4629					

Remit C.O.D. to:
Address:
City: State: Zip:

COD Amt: $

C.O.D. FEE:
Prepaid ☐
Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

FREIGHT CHARGES
☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per S. Lowry

PLACARDS REQUIRED No

PLACARDS SUPPLIED ☐ YES ☐ NO — FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: Erickson, Inc.
PER: Shannan Lowry
DATE: 10-4-90

CARRIER:
PER:
DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

9-BLS-A3 (Rev. 9/88)

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LMC METALS

A DIVISION OF SIMSMETAL USA CORPORATION
600 SOUTH 4th STREET
RICHMOND, CALIFORNIA 94804
(415) 236-0606

TICKET# 20239

MATL. 10201-1 UNP
PRICE / TON: $
TOTAL PRICE: $
WEIGHT ADJUSTMENT: 0 PERCENT: *****%
INBOUND WEIGHT: 44460 Lbs.
PAY WEIGHT: 16360

ACCOUNT: 22168801
ERICKSON INC.

CASH I.D.:

TRUCK NO. PARKER LICENSE NO. 3F66197

DRIVER:

44460 (M)	Gross Weight Lbs.	10-4-90	8:55	FRT. CODE: 1 COST: $ 0.00
28100	Tare Weight Lbs.		9:07	
16360	Net Weight Lbs.			

SIGNATURE OF SELLER OR AGENT

LMC METALS WEIGHMASTER

2-40880

CUSTOMER COPY

SALVAGE VEHICLE SALES: I ... under penalty of ... that any vehicles sold have ... clearance for dismantling with Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: ... indemnify and hold buyer harmless ... demands and liabilities ... attorney's fees, resulting ... warranty hereunder ... responsible for damage to vehicle during unloading.

BILL OF SALE: ... received, I sell and convey title to LMC METALS.