

FACSIMILE TRANSMITTAL

TO	Madhulla Lopez
ATTENTION	
FROM	Diane Hewzo
DATE & TIME	12/4/96
FAX NUMBER	
NO. OF PAGES	4

COMMENTS:



PORT OF OAKLAND

Environmental Health &
Safety Compliance
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Steam Value Results ^{Final} at Steam Value #113

SUMMARY OF ALL AVAILABLE MONITORING DATA, GREY BOATYARD, 1697 DENMON STREET, OAKLAND, CA																																
DATE	BOILING	DEPTH	TOES	TEMP	TEH-D	60IC	5000	80	44	81	86	82	83	87	84	85	88	89	90	91	92	93	94	95	96	97	98	99	100			
Feb-91	1	8.5	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Mar-91	1	2-2.5	NA	NA	NA	NA	NA	ND	8	32	ND	ND	61	ND	17	9	ND	ND	36	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Mar-92	1	4-4.5	NA	NA	NA	NA	NA	ND	7	59	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Apr-93	1	?	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Feb-91	2	1	ND	ND	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Feb-91	1GW	6.5	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Apr-93	2	7	78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Apr-91	5	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Feb-91	13W	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Mar-93	3	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Apr-91	4	1.5	NA	NA	NA	NA	NA	ND	7	18	ND	ND	88	ND	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mar-93	4	2.5-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Apr-93	4	2	ND	NA	NA	NA	NA	ND	1.9	120	ND	1.1	26	78	770	190	0.5	ND	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Feb-91	5	1	ND	NA	NA	NA	NA	ND	108	ND	1.1	39	77	23	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Feb-91	5	1	ND	NA	NA	NA	NA	ND	108	ND	1.1	39	77	23	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-93	5	1	ND	NA	NA	NA	NA	ND	108	ND	1.1	39	77	23	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Feb-91	6	1	ND	NA	NA	NA	NA	ND	108	ND	1.1	39	77	23	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-93	6	1	ND	NA	NA	NA	NA	ND	108	ND	1.1	39	77	23	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Feb-91: NO COMPOUND DETECTED BY COMPOSITE ANALYSIS OF SAMPLES 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Feb-91: ONE COMPOUND DETECTED ABOVE REPORTING LIMIT BY COMPOSITE ANALYSIS OF SAMPLES 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

NA - NOT ANALYZED
 ND - NOT DETECTED
 ? - DATA MISSING

EPA 816 - VOLATILE AROMATIC HYDROCARBONS IN WATER
 EPA 808 - VOLATILE AROMATIC HYDROCARBONS IN WATER
 ALL RESULTS REPORTED IN PARTS PER MILLION



Superior Precision Analytical, Inc.

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BOULEVARD PROJECT MGR.

4488 LOWRY Drive
Curtis
Slam Value

SOILS EXPLORATION SERVICE
Attn: TERRY R. BOUTENDEY

Project 1899 DENNTSEN
Reported 03 October-1993

ANALYSIS FOR CAM 17 METALS

Laboratory Number	Sample Identification	Matrix
90103- 2	BORING #2	Soil
90103- 3	BORING #3	Soil
90103- 5	BORING #5	Soil
90103- 6	BORING #6	Soil

RESULTS OF ANALYSIS

Laboratory Number:	90103- 2	90103- 3	90103 5	90103- 6
Antimony (Sb):	ND<5	ND<5	ND<5	ND<5
Arsenic (As):	3	1	ND<1	5
Barium (Ba):	56	54	34	54
Beryllium (Be):	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Cadmium (Cd):	ND<0.5	0.6	ND<0.5	ND<0.5
Chromium (Cr):	52	77	38	51
Cobalt (Co):	12	11	7	12
Copper (Cu):	18	30	6	12
Lead (Pb):	ND<5	8	ND<5	ND<5
Mercury (Hg):	ND<0.05	0.13	ND<0.05	0.30
Molybdenum (Mo):	ND<5	ND<5	ND<5	ND<5
Nickel (Ni):	76	84	33	68
Selenium (Se):	ND<1	ND<1	ND<1	ND<1
Silver (Ag):	ND<5	ND<5	ND<5	ND<5
Thallium (Tl):	ND<5	ND<5	ND<5	ND<5
Vanadium (V):	36	36	37	26
Zinc (Zn):	51	64	23	42
Concentration:	mg/Kg	mg/Kg	mg/Kg	mg/Kg



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SOILS EXPLORATION SERVICE
Attn: TERRY R. BOUQUENOY

Project 1899 DENNISEN
Reported 10/04/93

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
90103- 1	BORING #1	09/27/93	10/01/93 Soil
90103- 2	BORING #2	09/27/93	10/01/93 Soil
90103- 3	BORING #3	09/27/93	10/01/93 Soil
90103- 4	BORING #4	09/27/93	10/01/93 Soil
90103- 5	BORING #5	09/27/93	10/01/93 Soil
90103- 6	BORING #6	09/27/93	10/01/93 Soil

RESULTS OF ANALYSIS

Laboratory Number: 90103- 1 90103- 2 90103- 3 90103- 4 90103- 5

	90103- 1	90103- 2	90103- 3	90103- 4	90103- 5
Gasoline:	17	ND<1	ND<1	ND<1	ND<1
Benzene:	0.14	0.013	ND<.003	ND<.003	ND<.003
Toluene:	1.1	0.075	ND<.003	ND<.003	ND<.003
Ethyl Benzene:	0.38	0.021	ND<.003	ND<.003	ND<.003
Total Xylenes:	1.6	0.084	ND<.009	ND<.009	ND<.009
Diesel Range:	89	ND<10	ND<10	ND<10	ND<10
Concentration:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Laboratory Number: 90103- 6

Gasoline:	ND<1
Benzene:	ND<.003
Toluene:	ND<.003
Ethyl Benzene:	ND<.003
Total Xylenes:	ND<.009
Diesel Range:	26
Concentration:	mg/Kg