***SECOR* International Incorporated**
1390 Willow Pass Road, Suite 360
CONCORD, CALIFORNIA 94520

phone (510) 686-9780
fax (510) 686-3099

FACSIMILE MEMORANDUM

To:	NAME	COMPANY	FAX#
	Amy Leech	Alameda County	337-9335

From: Steve McCabe

Subject: **Analytical Results for Sump Excavation at San Lorenzo**

Date: December 8, 1995

Number of Pages: 4

Attached are summary tables for the samples collected from the sump excavation at 575 Paseo Grande in San Lorenzo, California. I would like to discuss the following items with you:

1) Because portions of the sump excavation floor are covered with groundwater, analytical results of soil samples collected from the floor may be indicative of what is in the groundwater, not necessarily what is in the soil. As you are aware, three wells are scheduled to be installed to monitor groundwater quality. Therefore, *SECOR* recommends not collecting soil samples from the floor, or reducing the sampling frequency to one sample per every 400 square feet.

2) Backfill of the excavation is scheduled to begin next week. However, We would like to receive County approval first.

We are currently working on the UST area. The stockpiled soil from the sump area is scheduled to be removed starting Monday. Please let me know if you have any questions or require additional information.

Groundwater results? MW's to be installed

Soil Sample Analytical Results (mg/kg)
Sump Excavation
Bohannon

Sample	8270	Kerosene	Diesel	Motor Oil	Gasoline	BTEX	418.1
S-EW-1	ND	<1	<1	<25	<1	ND	<25
S-EW-2	ND	<1	<1	<25	<1	ND	<25
S-EW-3	Pending	<1	<1	<25	<1	ND	NA
S-SW-1	ND	<1	<1	<25	<1	ND	<25
S-SW-2	Pending	<1	<1	<25	<1	ND	NA
S-WW-1	ND	<1	<1	<25	<1	ND	<25
S-WW-2	Pending	34YL	33YL	47	7Y	ND	Pending
S-WW-3	Pending	3 YL	<1	<25	1.1	ND	<25
S-NW-1	ND	<1	<1	<25	7.4Y	ND	<25
S-NW-2	Pending	<1	<1	<25	<1	ND	NA
S-NW-3	Pending	<1	<1	<25	<1	ND	<25
S-NW-4	Pending	<1	<1	<25	<1	ND	<25

Y = Sample exhibits fuel pattern which does not resemble standard
L = Lighter hydrocarbons than indicated standard
NA = Not Analyzed

Soil Sample Analytical Results (mg/kg)
Sump Excavation
Bohannon

Sample	S-NW-1	S-EW-1	S-EW-2	S-SW-1	S-WW-1
Antimony	<3.0	<3.0	<3.0	<3.0	<3.0
Arsenic	3.9	3.7	4.1	4	4.8
Barium	190	170	230	170	160
Beryllium	0.78	0.66	0.78	0.69	0.64
Cadmium	1	0.86	1	0.79	1
Chromium	41	36	40	33	37
Cobalt	9.5	7.8	11	9.9	9
Copper	19	16	18	16	17
Lead	7.2	6.3	7.6	7	6.3
Mercury	<0.10	<0.10	<0.10	<0.10	<0.10
Molybdenum	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	47	39	51	40	43
Selenium	0.48	0.29	0.47	0.31	0.35
Silver	<0.50	<0.50	<0.50	<0.50	<0.50
Thallium	<0.25	<0.25	<0.25	<0.25	<0.25
Vanadium	29	25	29	23	31
Zinc	39	34	38	35	41

Stockpile Soil Analtyical Results (mg/kg)
Sump Excavation
Bohannon

Sample	418.1	Benzene	Toluene	Ethylbenzene	Xylenes	8270
SP-A	1200	0.084	0.016	0.38	0.394	N = 1.3, 2-M = 0.28
SP-B	3700	ND	ND	0.82	0.49	NA
SP-C	200	ND	ND	ND	ND	NA
SP-D	150	ND	ND	ND	0.011	NA
SP-E	1100	ND	ND	ND	ND	NA

ND = Not Detected
NA = Not Analyzed
N = Napthalene
2-M = 2-methylnaphthalene

Metals (mg/kg)

Sample	SP-A
Antimony	<2.9
Arsenic	5.5
Barium	180
Beryllium	0.75
Cadmium	1.1
Chromium	43
Cobalt	9.3
Copper	18
Lead	9.5
Mercury	<0.1
Molybdenum	<0.96
Nickel	45
Selenium	0.56
Silver	<0.48
Thallium	<0.24
Vanadium	37
Zinc	42