

MARINA VILLAGE

ALAMEDA BELT LINE RAILROAD CO.

ENCINAL YACHT CLUB

ENCINAL REAL ESTATE, INC.
1 STORY METAL FRAME WAREHOUSE

ALAMEDA BELT LINE RAILROAD CO.

EXPLANATION

--- PROPERTY LINE

⊕ APPROXIMATE PREVIOUS SOIL SAMPLING LOCATION

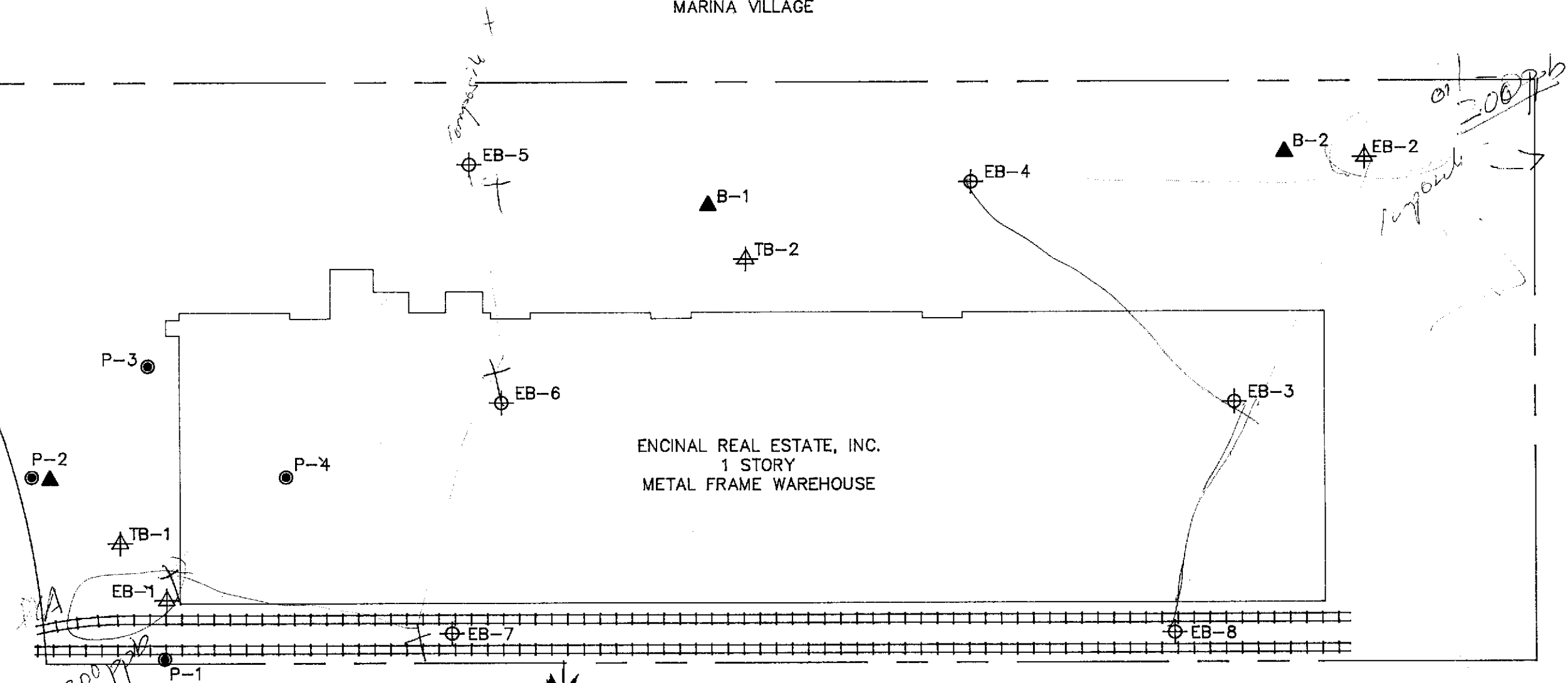
P-1 ● PROPOSED TEMPORARY PIEZOMETER LOCATIONS

⊕ APPROXIMATE PREVIOUS GROUNDWATER GRAB SAMPLING LOCATION

B-1 ▲ PROPOSED LOCATION OF GROUNDWATER GRAB SAMPLES FOR METAL ANALYSIS



0 60'



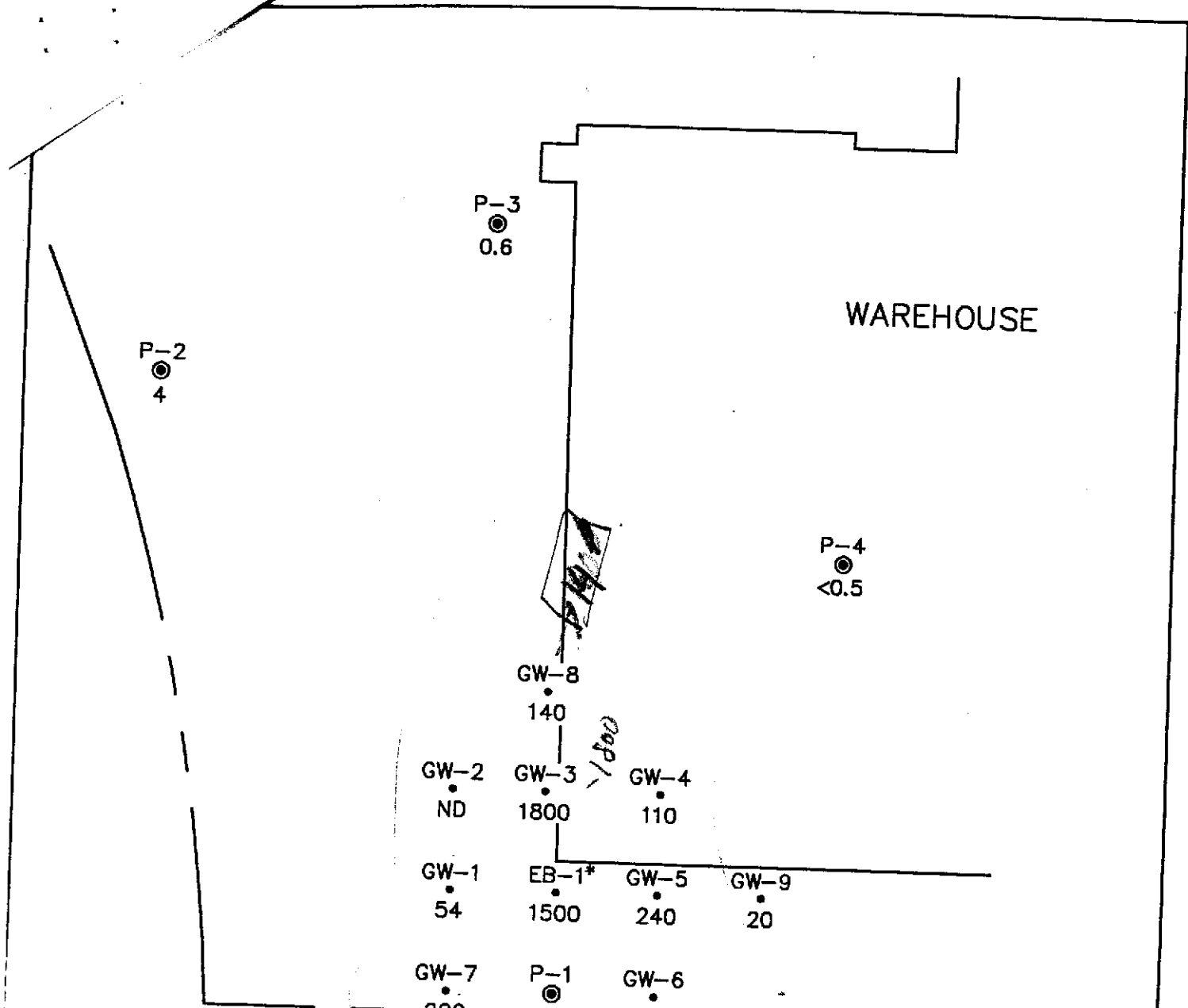
Revisions

SOIL AND GROUNDWATER SAMPLE LOCATIONS

ENCINAL REAL ESTATE
2020 SHERMAN AVE.
ALAMEDA, CALIFORNIA

Figure 2

Project No. 2530

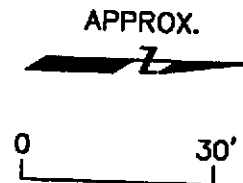


EXPLANATION

P-1
●
390
TEMPORARY PIEZOMETER LOCATION AND 1,1 - DICHLOROETHANE CONCENTRATION (1,1 - DCA) IN GROUNDWATER GRAB SAMPLE IN PARTS PER BILLION.

GW-1
●
54
SHALLOW GROUNDWATER SURVEY POINT AND 1,1 - DCA CONCENTRATION IN GROUNDWATER GRAB SAMPLE IN PARTS PER BILLION

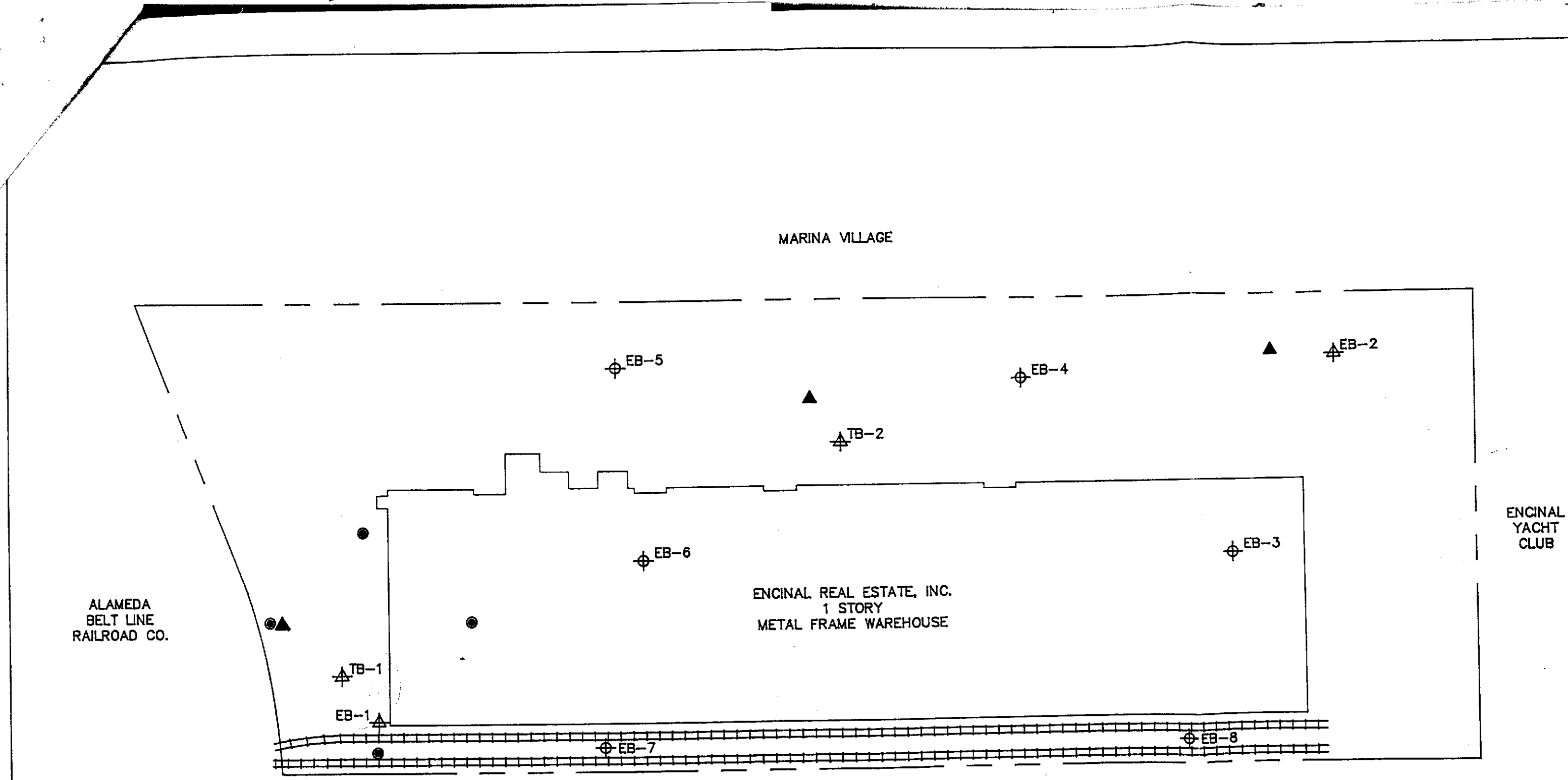
*GROUNDWATER GRAB SAMPLE FROM BORING EB-1 WAS COLLECTED AND ANALYZED BY OTHERS IN 1990.



**1,1 - DCA CONCENTRATIONS IN GROUNDWATER
JANUARY 1994
ENCINAL REAL ESTATE - 2020 SHERMAN AVE.
ALAMEDA, CALIFORNIA**

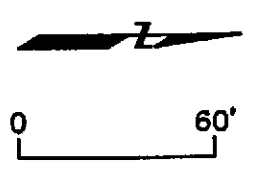
Figure
3

Project No.
2530 A



EXPLANATION

- PROPERTY LINE
- ⊕ APPROXIMATE PREVIOUS SOIL SAMPLING LOCATION
- ⊕ APPROXIMATE PREVIOUS GROUNDWATER GRAB SAMPLING LOCATION
- PROPOSED TEMPORARY PIEZOMETER LOCATIONS
- ▲ PROPOSED LOCATION OF GROUNDWATER GRAB SAMPLES FOR METAL ANALYSIS



Revisions

SOIL AND GROUNDWATER SAMPLE LOCATIONS

**ENCINAL REAL ESTATE
2020 SHERMAN AVE.
ALAMEDA, CALIFORNIA**

Figure
2
Project No.
2530

TABLE 1

GROUNDWATER GRAB SAMPLE RESULTS
 24 JANUARY 1994¹
 Encinal Real Estate
 2020 Sherman
 Alameda, California

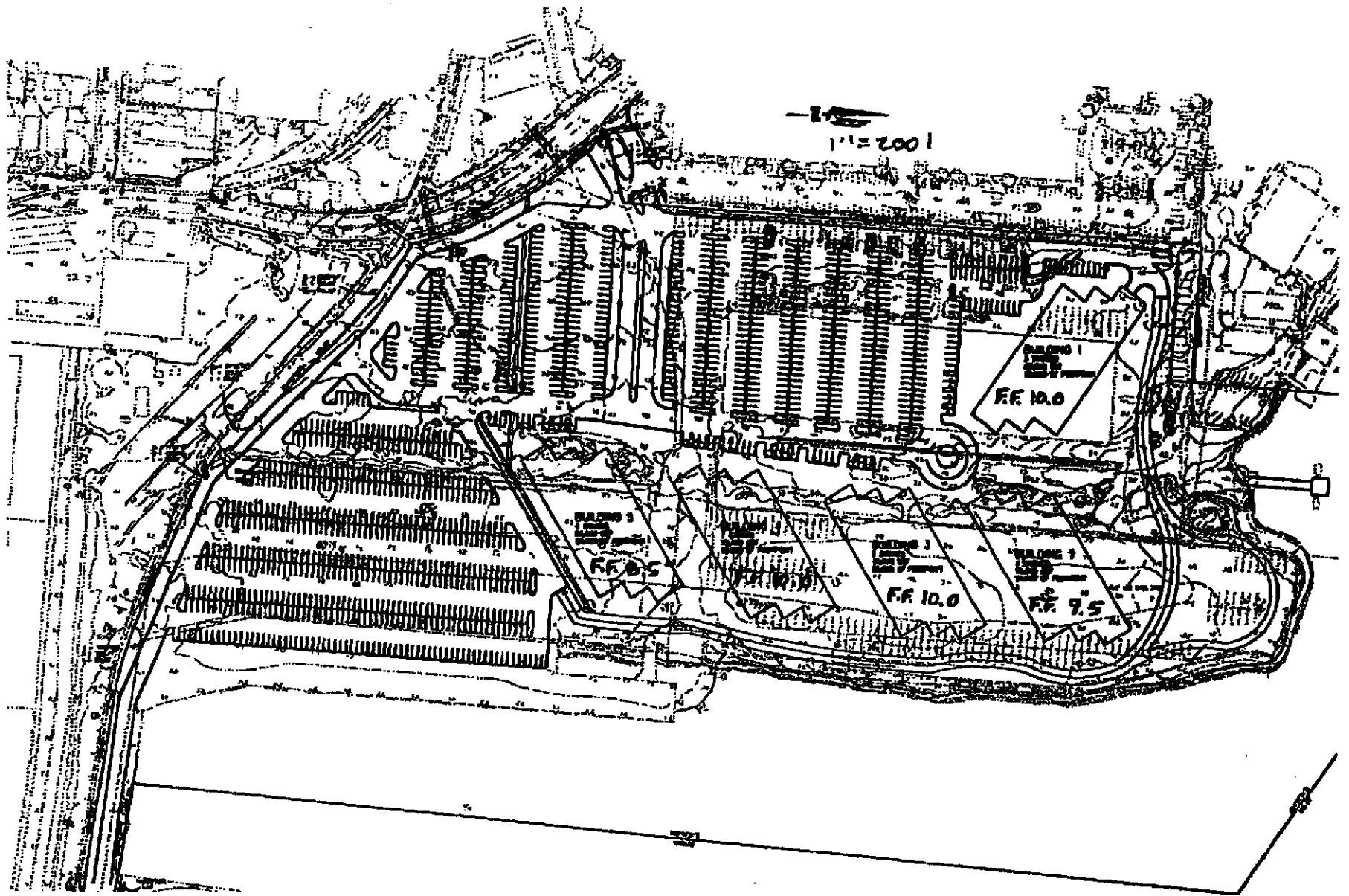
Handwritten notes above table:
 0.07 DCE
 PRG 15
 410
 280
 0.84
 0.5
 0.80 1750 50 50 50
 1111
 1111
 1111

Sample	1,1-DCE µg/l	1,1-DCA µg/l	1,2-DCE µg/l	1,2-DCA µg/l	TCA µg/l	TCE µg/l	PCE µg/l	Benzene µg/l	Toluene µg/l	Ethylbenzene µg/l	Xylenes µg/l	Arsenic mg/l	Chromium mg/l	Lead mg/l	Thallium mg/l		
GW-1	3	54	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	NA	NA		
GW-2	<0.07	<0.2	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA		
GW-3	160	1800	<14	<2	74	<0.6	2	<1	8	<3	<8	NA	NA	NA	NA		
GW-4	2	110	<3	<0.4	6	0.7	0.05	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA		
GW-5	4	240	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA		
GW-6	1	230	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	NA	NA		
GW-7	1	200	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	NA	NA		
GW-8	11	140	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA		
GW-9	<0.07	20	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA		
P-1	4	390	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	0.009	<0.01	<0.04	<0.1
P-2	<0.5	4	0.6	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-3	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002	<0.01	<0.04	<0.1		

Notes:

- NA - not analyzed
- DCA - dichloroethane
- TCA - trichloroethane
- DCE - dichloroethene
- TCE - trichloroethene
- PCE - tetrachloroethene

¹ Volatile organic analysis for samples P-1 and GW-1 through GW-9 were performed in the field by Tracer Research Corporation. All other analyses were performed by AEN laboratory.



TO: AL RIDLEY

510-874-3268

TABLE 1
GROUNDWATER GRAB SAMPLE RESULTS
JANUARY AND APRIL 1994¹
Encinal Real Estate
2020 Sherman
Alameda, California

Sample	1,1-DCE µg/l	1,1-DCA µg/l	1,2-DCE µg/l	1,2-DCA µg/l	TCA µg/l	TCE µg/l	PCE µg/l	Benzene µg/l	Toluene µg/l	Ethylbenzene µg/l	Xylenes µg/l	Arsenic mg/l	Chromium mg/l	Lead mg/l	Thallium mg/l
January 1994															
GW-1	3	54	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	NA	NA
GW-2	<0.07	<0.2	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA
GW-3	160	1800	<14	<2	74	<0.6	2	<1	8	<3	<8	NA	NA	NA	NA
GW-4	2	110	<3	<0.4	6	0.7	0.05	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA
GW-5	4	240	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA
GW-6	1	230	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	NA	NA
GW-7	1	200	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	NA	NA
GW-8	11	140	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA
GW-9	<0.07	20	<3	<0.4	<0.01	<0.03	<0.01	<0.2	<0.4	<0.7	<2	NA	NA	NA	NA
P-1	4	390	<6	<0.9	<0.02	<0.07	<0.02	<0.5	<0.8	<1	<3	NA	NA	NA	NA
P-2	<0.5	4	0.6	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	0.009	<0.01	<0.04	<0.1
P-3	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
P-4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
B-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
April 1994															
GW-18 ²	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA
GW-19 ²	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA
GW-20 ²	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA
GW-21 ²	<5	22	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

- NA - not analyzed
- DCA - dichloroethane
- TCA - trichloroethane
- DCE - dichloroethene
- TCE - trichloroethene
- PCE - tetrachloroethene

¹ Volatile organic analysis for samples P-1 and GW-1 through GW-9 were performed in the field by Tracer Research Corporation. All other analyses were performed by AEN laboratory.
² Vinyl chloride results for these samples were not detected (<5 ppb).

TABLE 4
GROUNDWATER SAMPLE RESULTS¹
JANUARY 1994 THROUGH JUNE 1995

Sample	1,1-DCE µg/l	1,1-DCA µg/l	1,2-DCE µg/l	1,2-DCA µg/l	1,1,1-TCA µg/l	TCE µg/l	PCE µg/l	Benzene µg/l	Toluene µg/l	Ethylbenzene µg/l	Xylenes µg/l	Arsenic ² µg/l	Chromium ² µg/l	Lead ² µg/l	Thallium ² µg/l
November 1994															
GW-22	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA
GW-23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GW-24	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA
GW-25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA
GW-26	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA
GW-27	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA
GW-28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
March 1995															
MW-10 ^{3,4}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
June 1995															
MW-10 ^{3,4,5}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA

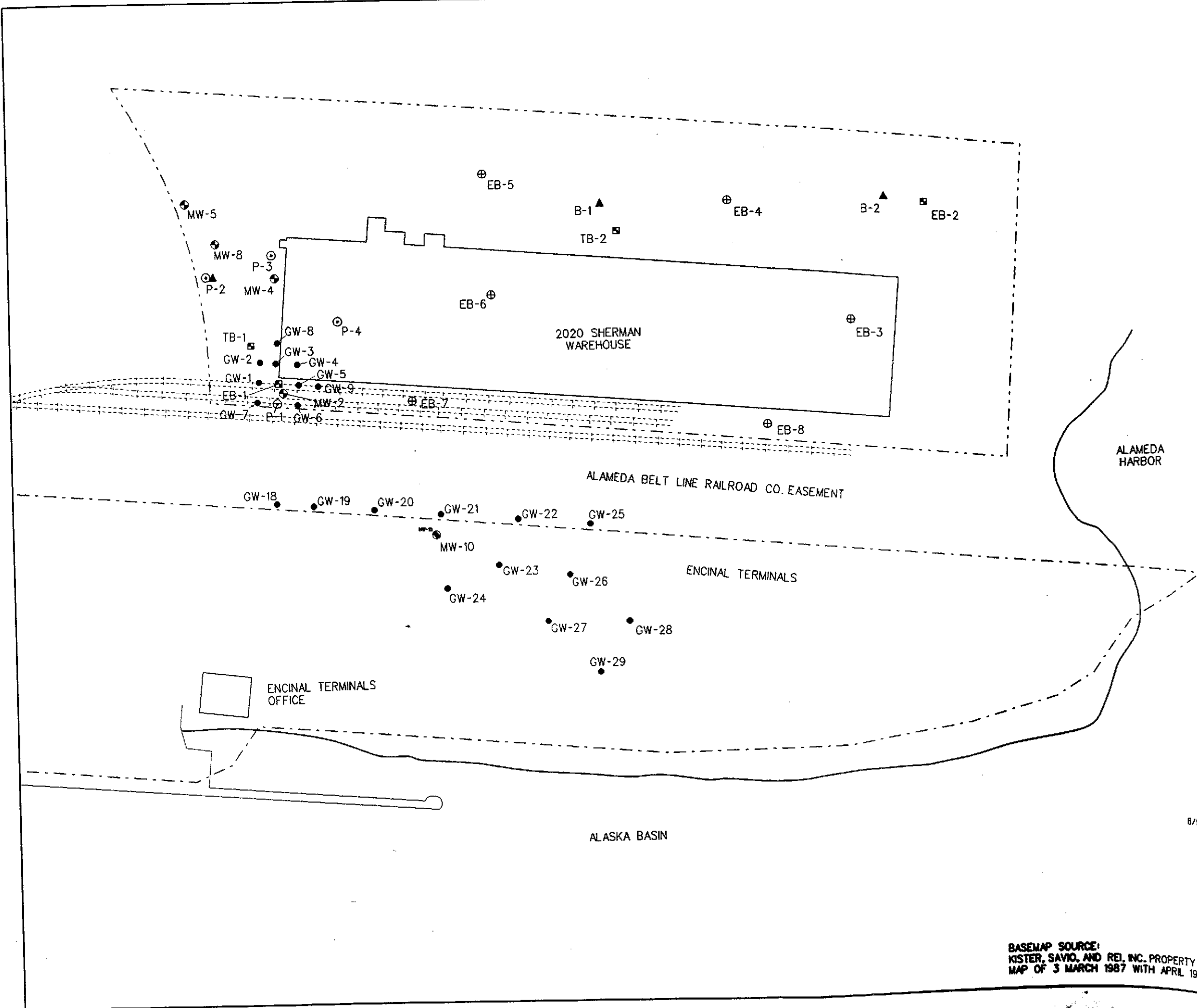
Notes:

NA - not analyzed
DCA - dichloroethane
TCA - trichloroethane

DCE - dichloroethene; 1,2-DCE results are total for cis-1,2-DCE and trans-1,2-DCE
TCE - trichloroethene
PCE - tetrachloroethene

- All samples are groundwater grab samples except for samples from monitoring well MW-10. Volatile organic analysis for samples P-1 and GW-1 through GW-9 were performed in the field by Tracer Research Corporation. Analyses for samples GW-18 through GW-21 were performed by Onsite Environmental Laboratories, Inc. Analyses for samples GW-22 through GW-28 were performed by Inchtcape Testing Services. All other analyses were performed by AEN Laboratory.
- Metals samples were filtered in the field.
- Vinyl chloride results for these samples were not detected.
- This sample was also analyzed for total dissolved solids by EPA Method 160.1, with a reported result of 3,600 mg/l in March 1995 and 1,800 mg/l in June 1995.
- This sample was also analyzed for general minerals with the following results:

Bicarbonate Alkalinity, 110 mg CaCO ₃ /l;	Manganese, 7.3 mg/l;
Carbonate Alkalinity, <2 mg CaCO ₃ /l;	pH, 5.9;
Hydroxide Alkalinity, <2 mg CaCO ₃ /l	Sodium, 160 mg/l;
Calcium, 110 mg/l;	Sulfate, 1000 mg/l;
Chloride, 130 mg/l;	Conductivity, 2300 µmhos/cm;
Copper, <0.01 mg/l;	Hardness, 650 mg CaCO ₃ /l; and
Iron, 150 mg/l;	Zinc, 0.05 mg/l.
Magnesium, 92 mg/l;	



- MW-1
- EB-1
- GW-1
- EB-2
- B-1
- P-4



BASEMAP SOURCE:
KISTER, SAVIO, AND REI, INC. PROPERTY
MAP OF 3 MARCH 1987 WITH APRIL 1994 REVISIONS