

✓
11/13/92



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TRANSMITTAL FORM

DATE: 11.13.92
 RECIPIENT: EVA CHU
 COMPANY: Alameda County Health
 RECIPIENT FAX NO.: 510.569.4757
 SENDER: Tim Kuntz
 NO. OF PAGES TO FOLLOW: 4
 SUBJECT: Soil sample locations/Results
 DELTA PROJECT NO.: 40.89.095
 MESSAGE: _____

EVA - The following summarizes analytical
Results from the Livermore Benton #604
found. Please call if there
are any questions.

Timothy Kuntz



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PROJECT NO. 40-89-095 SHEET 1 OF
PROJECT NAME LIVERMORE BEACON #604
BY Tom Kuntz DATE 11.13.92
SUBJECT TANK EXCAVATION / Soil Samples
CHECKED BY DATE

EVA CHU

Here is a summary of Analytical Results from
the Livermore Beacon Tank pull from 11.10.92
and from 11.12.92. Please refer to the attached
map for sample locations.

<u>TANK</u>	<u>SAMPLE Location</u>	<u>mg / kg</u>
PREMIUM	EAST end 14'	<.50
PREMIUM	WEST end 14'	<.50
REGULAR	EAST end 14'	<.50
Regular	█st end █	█
Regular	WEST end 16'	<.50
UNLEADED	EAST end 14'	<.50
UNLEADED	WEST end 14'	1800
UNLEADED	WEST end 19'	4700
UNLEADED	South west 27'	490

pH=█ Halogenated volatile Organics
everything <.005 mg/kg

DISPENSERS - Product Line Samples:

Product Line	Sample #1	<.50	mg/kg
Product Line	Sample #2	<.50	mg/kg
Product Line	Sample #3	<.50	mg/kg
Product Line	Sample #4	4.4	mg/kg
Product line	Sample #5	2.7	

Soil Stockpile - Soil from Above the Tanks:

SS # 1A → 2D	<.50 mg/kg
SS # 2A → 2D	.95 mg/kg
SS # 3A → 3D	2.1 mg/kg
SS # 4A → 4D	<.50 mg/kg



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PROJECT NO. 40.89.095 SHEET 2 OF
PROJECT NAME Livermore Bannock #604
BY TJK DATE 11-13-92
SUBJECT Soil sample locations
CHECKED BY DATE

Soil Stockpile from Tank Excavation:

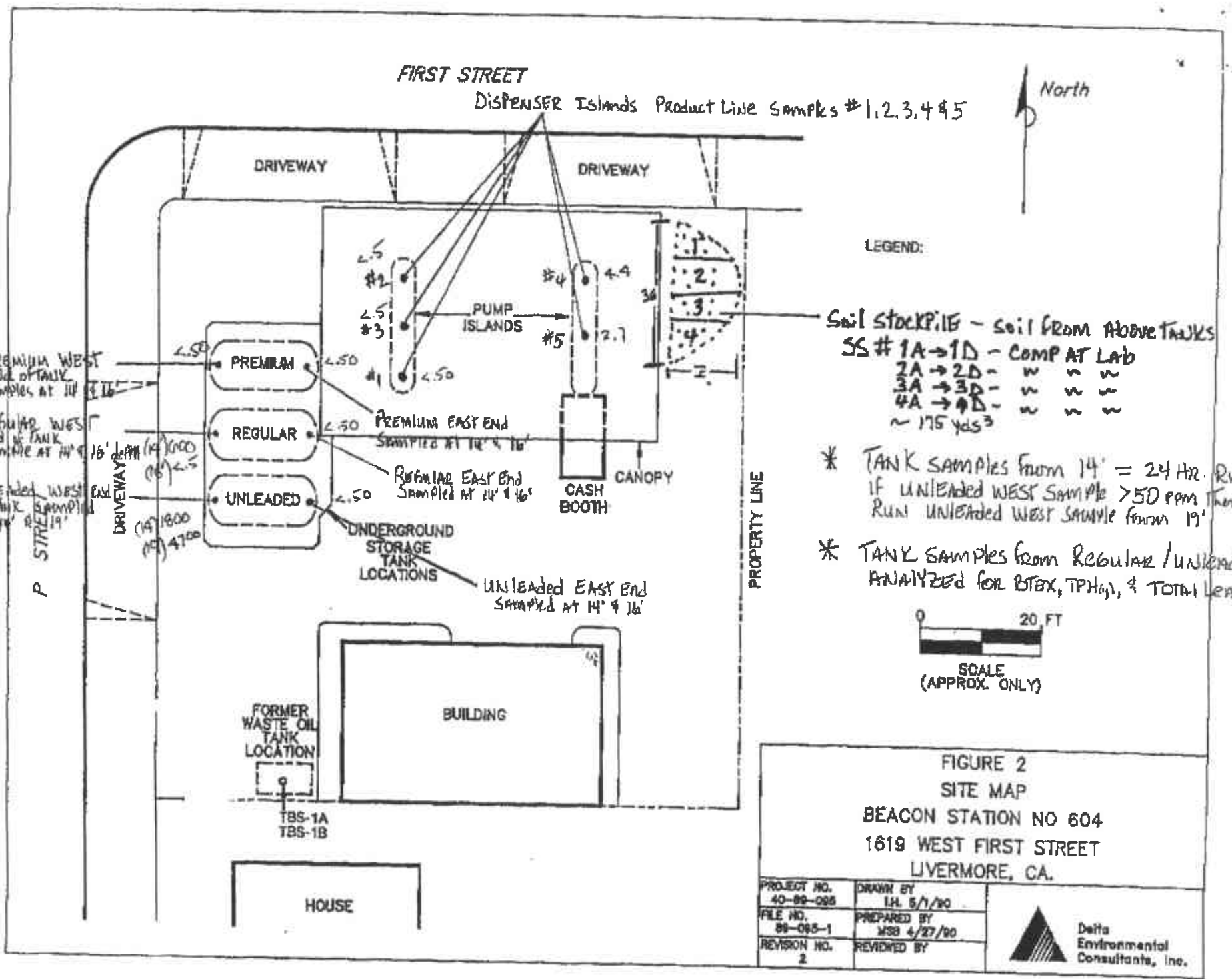
- SS # 5A → 5D
- SS # 6A → 6D
- SS # 7A → 7D
- SS # 8A → 8D
- SS # 9A → 9D
- SS # 10A → 10D
- SS # 11A → 11D
- SS # 12A → 12D
- SS # 13A → 13D

mg/kg

- 800.0
- 110.0
- 150.0
- 260.0
- 170.0
- 72.0
- 79.0
- 5.0
- 120.0

→ Soil from Beneath SW corner of
unleaded tank - Stockpiled
separately.

→ Soil from the Rest of Tank Excavation



PREMIUM WEST END OF TANK SAMPLES AT 14' & 16'

REGULAR WEST END OF TANK SAMPLES AT 14' & 16'

UNLEADED WEST END OF TANK SAMPLES AT 14' & 16'

DRIVEWAY EAST (14') 1600 (16') 4700

PREMIUM REGULAR UNLEADED

UNDERGROUND STORAGE TANK LOCATIONS

FORMER WASTE OIL TANK LOCATION

TBS-1A TBS-1B

HOUSE

PREMIUM EAST END SAMPLED AT 14' & 16'

REGULAR EAST END SAMPLED AT 14' & 16'

UNLEADED EAST END SAMPLED AT 14' & 16'

PUMP ISLANDS

CASH BOOTH

CANOPY

PROPERTY LINE

#1 #2 #3 #4 #5

1 2 3 4

4.50 4.50 4.50 4.50

4.4 2.7

2.5

4.50

3.6

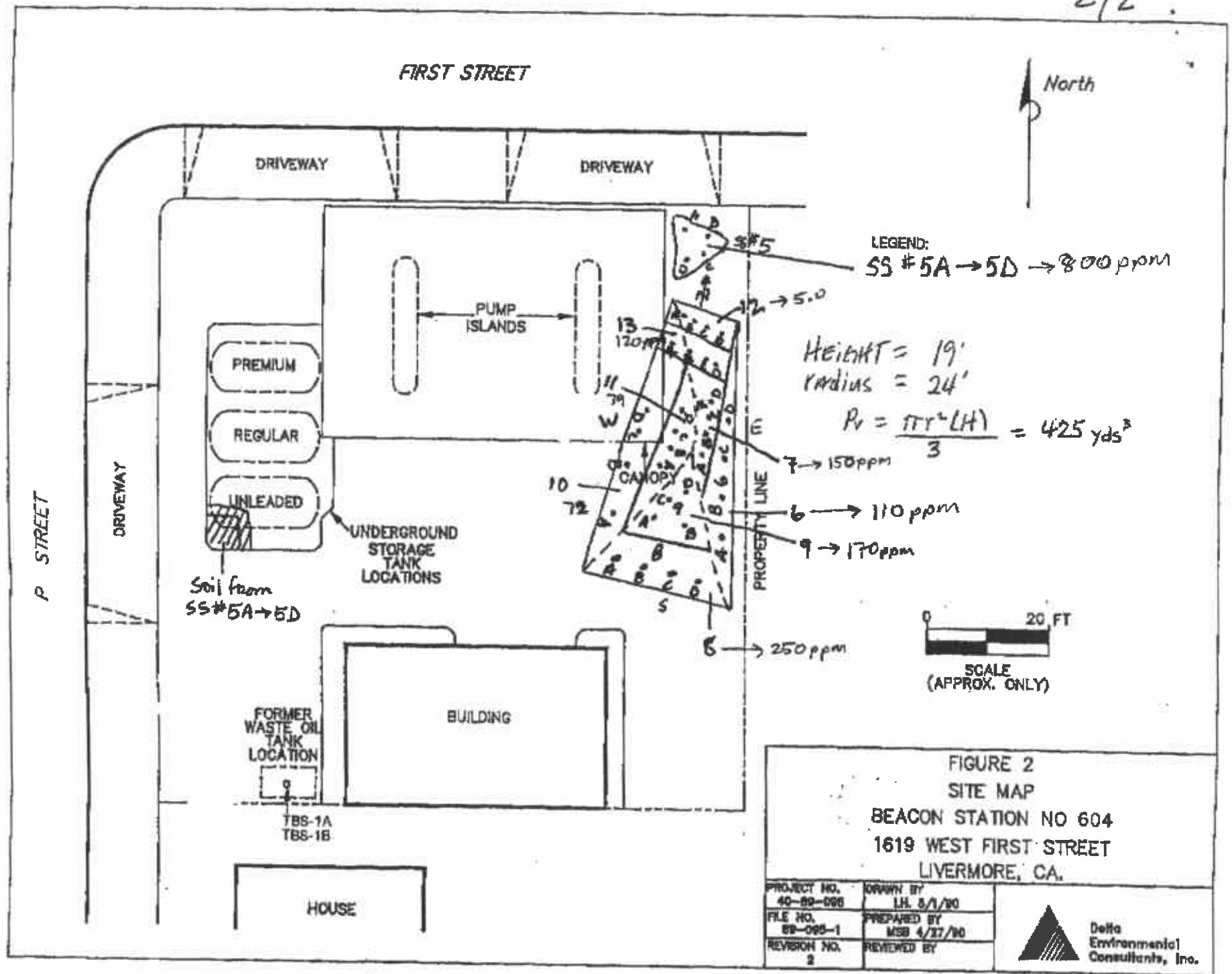
2

3

4

2

2/2



LEGEND:
 SS #5A → 5D → 800 ppm

Height = 19'
 Radius = 24'

$$V = \frac{\pi r^2 LH}{3} = 425 \text{ yds}^3$$

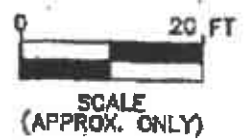


FIGURE 2
 SITE MAP
 BEACON STATION NO 604
 1619 WEST FIRST STREET
 LIVERMORE, CA.

PROJECT NO. 40-89-098	DRAWN BY LH 5/1/90
FILE NO. 89-098-1	PREPARED BY MSB 4/27/90
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.

NOV-13-92 FRI 12:54
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 P. 05