

SITE SAFETY PLAN

PROJECT NO. 59-107 FIELD ACTIVITIES DATE Feb 1989
CLIENT Banta Collins ADDRESS 6000 Hollis Street, Alameda
CONTACT PERSON Howard Rosenberg TELEPHONE NO. 653-6871
JOB LOCATION 2235 Clement St., Alameda
PROJECT DESCRIPTION Underground Tank Investigation - Gasoline or diesel fuel, Soil sampling,
Supervision of soil excavation and aeration
PROJECT MANAGER Yane Nardhan SITE HEALTH & SAFETY MANAGER YN
SITE HISTORY Unknown size tank w/ gasoline dispensed
more than 5 years ago

CHEMICAL HAZARDS

CHEMICAL NAME	DESCRIPTION	HEALTH & SAFETY STANDARDS	PERSONS EXPOSED* AND POTENTIAL ROUTES OF EXPOSURE	SYMPTOMS OF ACUTE EXPOSURE
<u>Gasoline</u>	<u>Flammable Liquid</u>	<u>8-hr. TLV=300 ppm Flashpt. = -50° F LEL=1.4%, UEL=7.6%</u>	<u>Inhalation, dermal</u>	<u>Headache, dizziness eye/skin irritation</u>
<u>Diesel</u>	<u>Flammable Liquid</u>	<u>No TLV</u>	<u>Dermal</u>	<u>Minor, eye/skin irritation</u>
<u>Benzene</u>	<u>Carcinogen</u>	<u>8-hr. TLV=10 ppm</u>	<u>Inhalation, dermal</u>	<u>Headache, dizziness</u>
<u>Toluene</u>	<u>Aromatic</u>	<u>8-hr. TLV=100 ppm</u>	<u>Inhalation, dermal</u>	<u>Headache, dizziness</u>
<u>Xylene</u>	<u>Hydrocarbons</u>	<u>8-hr. TLV=100 ppm</u>	<u>Inhalation, dermal</u>	<u>Headache, dizziness</u>

*Contractor and samplers.

PHYSICAL HAZARDS Fire and explosion (primarily gasoline), heavy equipment, overhead and underground utilities.

PERSONAL PROTECTIVE EQUIPMENT REQUIRED First aid kit, respirator with organic vapor cartridge, hard hat, steel-toed shoes, eye protection (optional), gloves.

AIR MONITORING STRATEGY (INCLUDING ACTION LEVELS) Monitor excavation, vicinity, and breathing zone, with a combustible gas indicator. If >10% LEL in excavation, proceed with caution; if >20% LEL, stop work. If >50 ppm in breathing zone, don respirator and/or go upwind of excavation and tanks. Don respirator if fuel odor persists. If site contains significant gasoline contamination, perform additional ambient air monitoring for benzene, using detector tubes. NOTE: Tank(s) should be monitored by contractor using combustible gas indicator and/or oxygen deficiency meter. Action levels for tank readings depend on local jurisdiction. Check that contractor will comply with health and safety requirements.

SITE CONTROL MEASURES 1) For all site activities: Restrict public access.
2) For excavation work: Do not enter excavation. Collect soil samples from the backhoe bucket. Place aerating soils on plastic sheets, bermed, at least two feet from excavation edge. Secure excavation area with fences or post signs to warn public/unauthorized persons of site hazards. Cover aerating pile prior to and during BAAQMD advance notification period (24-hours) and during rainfall.

DECONTAMINATION PROCEDURES (PERSONAL AND EQUIPMENT) Decontaminate sampling equipment with a TSP and water solution; final rinse with deionized water.

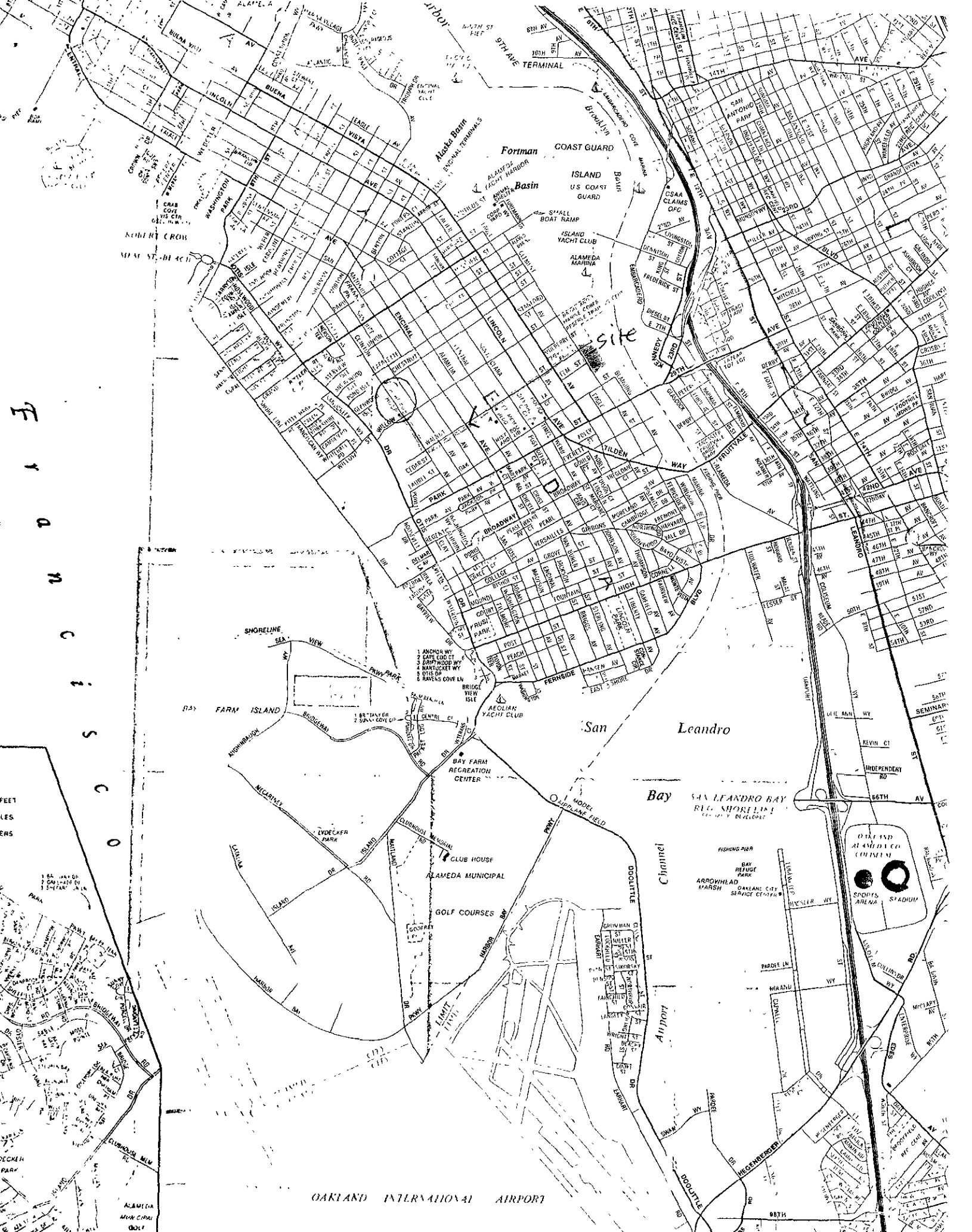
HOSPITAL/CLINIC Alameda Hospital PHONE 522-3700
HOSPITAL ADDRESS 2070 Clinton Ave, Alameda
PARAMEDIC 911 FIRE DEPT. 911 POLICE DEPT. 911
EMERGENCY PROCEDURES Call 911

PREPARED BY Yane Nardhaus
DATE 2/2/89

REVIEWED/APPROVED BY _____
DATE _____

READ BY _____

DATE _____
DATE _____
DATE _____



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KOHIKI CROW
WAL ST. BL. AC

- 1 ANCHOR WY
- 2 CAPE COD CT
- 3 DRIFTWOOD WY
- 4 BARTUCKETT WY
- 5 OTIS DR
- 6 RAVENS COVE LN

OAKLAND INTERNATIONAL AIRPORT

