

SCOTT CO.

MECHANICAL CONTRACTORS
1717 Doolittle Drive
P.O. Box 5555
San Leandro, California 94577-0655
(510) 895-2333

Contractors License No. 184480

SAFETY PLAN

TANK REMOVAL AT: City of Alameda - Maintenance
Garage
2040 Grand Avenue
Alameda, CA 94501

GENERAL CONTRACTOR: Scott Co. of Alameda
1717 Doolittle Drive
San Leandro, CA 94577

PROJECT MANAGER: Paul Ferreira

PROJECT FOREMAN: William McCarthy

ALTERNATES: Patrick O'Mara

Mr. McCarthy will have in his possession two A:B:C: rated fire extinguishers and Type C protective clothing. Also, he will have a first aid kit and telephone numbers of the nearest medical facilities. Scott Co. personnel will have respirators on site should an emergency occur.

Upon arrival at the site, Scott Co. personnel will set up physical barriers around the trench. Fire extinguishers and the first aid kit will be set out in an appropriate, accessible spot.

The explosion meter that can detect the level of oxygen and hydrocarbon will be supplied by the contractor and operated by Mr. McCarthy. Thirty pounds of dry ice per 1,000 gallons of tank capacity will be applied to render the tank inert.

All Scott Co Environmental personnel have received 40 hours of OSHA training, thus providing them with the knowledge and skills necessary to perform hazardous waste operation with minimal risk to their safety and health

Scott Co. has a policy in which all State certified Environmental personnel are required to have annual physicals to certify them for use of respirators. These records are maintained in our office

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SCOTT CO. OF CALIORNIA
SAFETY PLAN

The site will be controlled to reduce the possibility of environmental incidents involving hazardous substances by:

- Setting up security and physical barriers to exclude un-necessary personnel from the general area.
- Minimizing the number of personnel and equipment on-site consistent with effective operations.

All tools used at the underground storage tank removal are cleaned on site by tapping and/or scraping excess dirt and/or petroleum product onto the spoils pile.

If any questions should arise in reference to this safety plan, please contact Paul Ferreira at (510) 895-2333, extension 385

<g:/scottco/jobs/tank/safetyplan>

CHEMICAL HAZARDS ~

Diesel/Gasoline/Waste Oil

- Materials that contain constituents such as Benzene, Toluene, and Xylene which are known or suspected carcinogens and have caused cancer in laboratory animals.
- Exposure to concentrations of materials should be avoided.
- Avoid contact with skin where personal protective equipment such as gloves and eye protection are not used.
- Prolonged exposure can cause dizziness, nausea, shortness of breath, headaches and/or all of the above.

TEMPERATURE HAZARDS ~

Heat Stress:

- When temperatures exceed 70 degrees F, take frequent breaks in a shaded area. Unzip or remove coveralls during breaks.
- Have cool water or electrolyte replenishment solution available. Drink small amounts frequently to avoid dehydration.
- Count the pulse rate for 30 seconds as early as possible in the rest period. If the pulse rate exceeds 110 beats per minute at the beginning of the rest period, shorten the work cycle by one-third.

Cold Stress:

Wear multi-layer cold weather outfits. The outer layer should be of wind resistant fabric.

In temperature 0 degrees F to 30 degrees F total work time is 4 hours. Alternate one hour in and one hour out of the low temperature area. Below 30 degrees F, consult an Industrial Hygienist.

Drink warm fluid. Provide shelter for resting. Use the buddy system. Avoid heavy sweating.

ACOUSTICAL HAZARDS ~

- Use earplugs or earmuffs when noise level prevents conversation in a normal voice at a distance of three (3) feet.

O₂ DEFICIENCY - CONFINED SPACE HAZARDS ~

- Confined spaces include trenches, pits, sumps, elevator shafts, tunnels, or any other area where circulation of fresh air is restricted or the ability to readily escape from the area is restricted.
- Obtain permit for confined space entry.
- At least one person must be on standby outside of the confined space who is capable of pulling workers from a confined space in an emergency.
- Work involving the use of a flame, arc, spark, or other source of ignition is prohibited within a confined space.
- Consult DHSO and the Corporate Health and Safety Policy prior to entering a confined space.

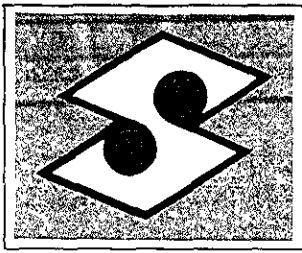
**SCOTT CO. OF CALIFORNIA
SAFETY AND HEALTH RISK ANALYSIS**

Mechanical Hazards	<u> X </u>
Electrical Hazards	<u> </u>
Chemical Hazards	<u> X </u>
Temperature Hazards	<u> X </u>
Acoustical Hazards	<u> X </u>
Confined Space Hazards	<u> X </u>
Radiation Hazards	<u> </u>
Bio Hazards	<u> </u>

Should any of the above hazards exist, the following procedures to mitigate hazards will take effect.

MECHANICAL HAZARDS ~

- Do not stand near backhoe buckets and moving equipment.
- Verify that all equipment is in good condition.
- Do not stand or work under elevated loads or ladders.
- Don not stand near unguarded excavation and trenches.
- Do not enter excavation or trenches over 5 feet deep that are not properly guarded, shored or sloped
- Consult DHSO if other mechanical hazards exist



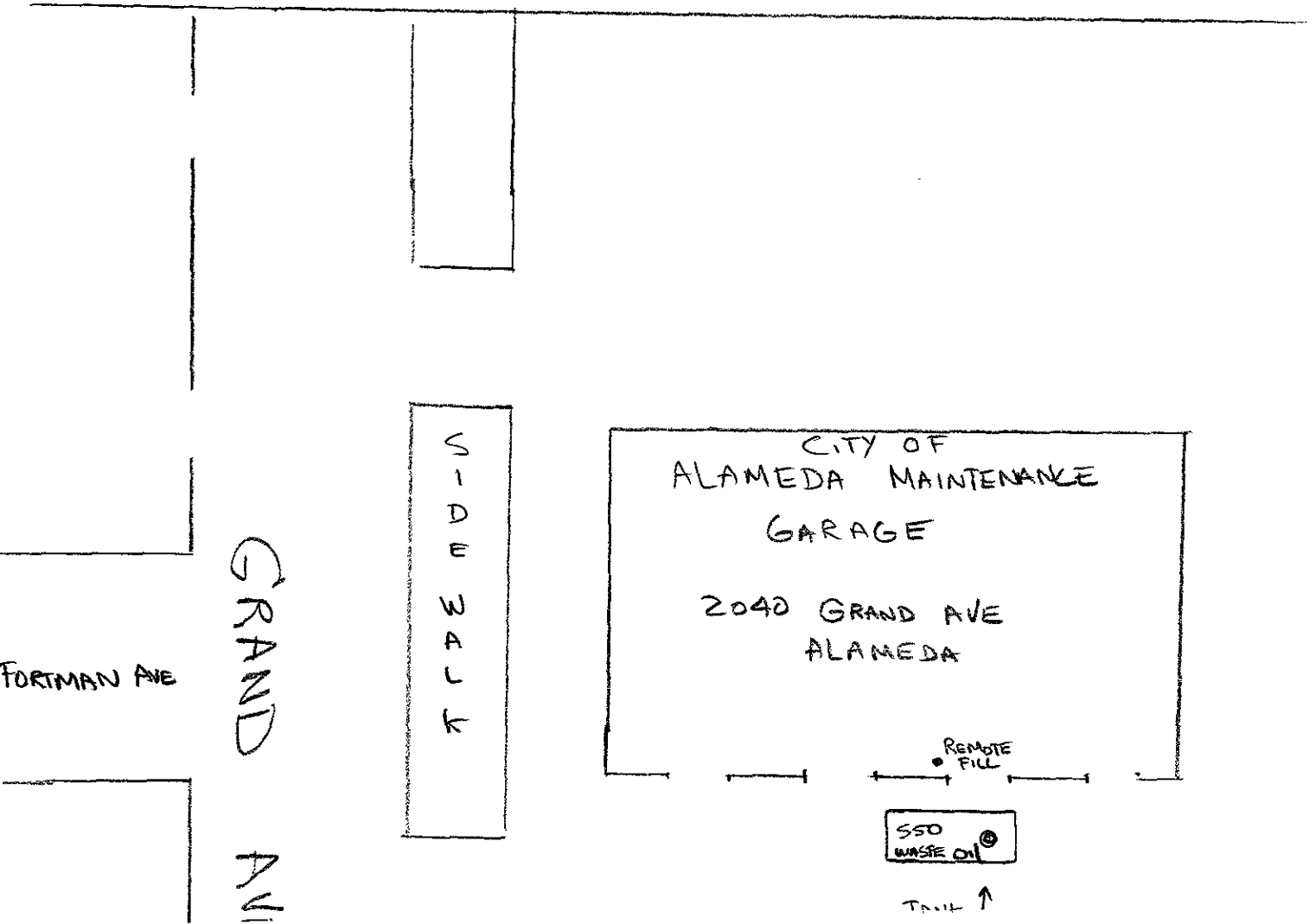
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NOT TO SCALE

— WATER FRONT —



EMERGENCY ROUTE MAP



☒ 1000 Grand Ave

☒ Clinton Ave

