ADDENDUM TO

HEALTH AND SAFETY PLAN FOR SOIL REMEDIATION ACTIVITIES YERBA BUENA PROJECT SITE OAKLAND AND EMERYVILLE, CALIFORNIA (Dated May 8, 1991)

The following text is an addendum to the Health and Safety Plan entitled: "Health and Safety Plan for Soil Remediation Activities, Yerba Buena Project Site, Oakland and Emeryville, California", dated May 8, 1991. This addendum addresses the removal of two oil underground storage tanks (USTs) southeast of the intersection of Yerba Buena Avenue and Hollis Street in Area A of the Yerba Buena Project Site ("the Site"; see Figures 1 and 2). These USTs were discovered during construction activities being conducted in the central portion of Area A of the Site.

The planned activities at the Site include:

- removing liquid from tanks
- removing the soil overlying and surrounding the USTs
- inerting tank with dry ice (CO₂), if necessary, prior to removal by placing approximately 150 pounds of dry ice in each of the tanks to purge volatile hydrocarbons.
- removing tanks and associated piping with a backhoe and/or crane
- collecting native soil samples from the bottom and sidewalls of the tank excavation pit by removing samples from the backhoe bucket
- excavating fuel-affected soils around tank, if encountered, with the backhoe
- backfilling the excavation with soil backfill and compacting. Levine•Fricke will perform field density tests during compaction.

Site Safety Personnel

<u>Name</u> <u>Responsibilities</u>

Michael J. Stoll or

William Madison Site Safety Officer

Michael Stoll Project Manager

Shari A. Samuels Health and Safety Director

All field personnel will observe Level D Personal Protective Equipment (PPE) requirements in all work areas. The primary route of potential exposure for chemicals is inhalation. Inhalation hazards due to volatilization will be monitored using a photoionization detector (PID) to measure concentrations of volatile organic chemicals (VOCs) in the breathing zone. If ambient air concentrations of VOCs in the breathing zone reach 25 parts per million (ppm) or greater, personnel shall upgrade to Level C using half-face air-purifying respirators equipped with NIOSH-approved high efficiency particulate/organic vapor combination cartridges, and Sensidyne brand low-range benzene detector tubes will be used to detect the presence of benzene. If benzene is detected, a temporary stop work will take place, and the area will be (1) cleared of construction personnel and (2) ventilated and monitored until no benzene is detected in the breathing zone. PPE will be worn by all on-site field personnel, including the contractor's personnel.

EMERGENCY PHONE NUMBERS:

• POLICE 911

• FIRE 911

<u>Hazardous Materials Release Response/Reporting</u>

• National Response Center 1-800-424-8802

• California Office of Emergency Services 1-800-852-7550

Toxics Information

• CHEMTREK 1-800-424-6699

• Poison Control Center 1-415-476-6600

911 AMBULANCE

HOSPITAL

Emergency Room Alta Bates Hospital 2450 Ashby Avenue Berkeley, California 1-510-204-1303

See attached map for route to hospital.

LEVINE.FRICKE APPROVAL SIGNATURE

Project Manager

Jenifer Beatty

Quality Assurance Reviewer

CONTRACTOR AND SUBCONTRACTOR AGREEMENTS

Contractor and Subcontractor Agreements:

- 1. Contractor certifies that the following personnel to be employed on the Site have met the Hazards and Protection requirements of the OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120) and other applicable standards.
- 2. Contractor certifies that, in addition to meeting the OSHA requirements, she/he has received a copy of this HSP and will insure that the employees and subcontractors of the Contractor are informed, and will comply with both OSHA requirements and the guidelines in this HSP.
- 3. Contractor further certifies that she/he has read, understands, and will comply with all provisions of this HSP and will not hold Levine Fricke responsible or liable for any injury or health problems that may occur.

Contractor Personnel	Training/ Certification/ Medical Examination	Signature	Date
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