



Uriah Inc.

An Environmental Services Company

April 20, 1990

Mr. Ariu Levi
Hazardous Materials Specialist
Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

RE: Sampling Plan for Soil Under Bioremediation at 2410-2420
Mariner Square Loop, Alameda, CA

Dear Mr. Levi:

In response to your request, Uriah, Inc. is pleased to submit the following proposal for sampling of approximately 9,100 cubic yards of soil at the above referenced site:

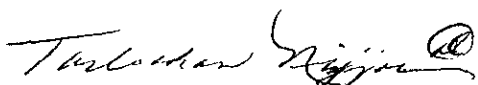
All sampling would be performed in accordance with County of Alameda and San Francisco Bay Region Water Quality Control Board guidelines. One discrete sample will be collected for every fifty (50) cubic yards of soil which has been under treatment (see site sketch for proposed sampling points). Each soil sample will be collected in a statistically valid random pattern at various depths (i.e. 0"-6", 6"-12", and 12"-18") by driving a clean, brass sample tube (1.92 inches in diameter and 6 inches in length) into the soil with a mallet or drive sampling tool until such time as the sampling tube is completely filled with soil. Upon withdrawing the sampling tube from the soil, the ends would be promptly covered with aluminum foil, fitted with plastic caps, sealed with black electrical tape, marked, and placed on dry ice.

The samples would be transported to a certified hazardous waste analytical laboratory under chain of custody for analyses for Total Oil and Grease (TOG) using SM 503 D&E and Total Petroleum Hydrocarbons as Diesel and Kerosene (TPH-D/TPH-K) using EPA Methods 3550/8015.

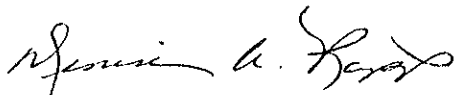
In addition to the acquiring samples for the analyses described above, twenty (20) additional soil samples would be collected at various depths within treatment beds 1-15, 17, 19, 21, 23, and 25. These samples would be collected, stored, and transported as described above with subsequent certified analyses for leachability using EPA Methods 1310 and SM 503 A&E for TOG and EPA Methods 3510/1310 for TPH-D and TPH-K.

Thank you for your assistance to date. If you have any questions, or if we may otherwise be of assistance, please contact either of the undersigned at (415) 455-4991.

Sincerely,



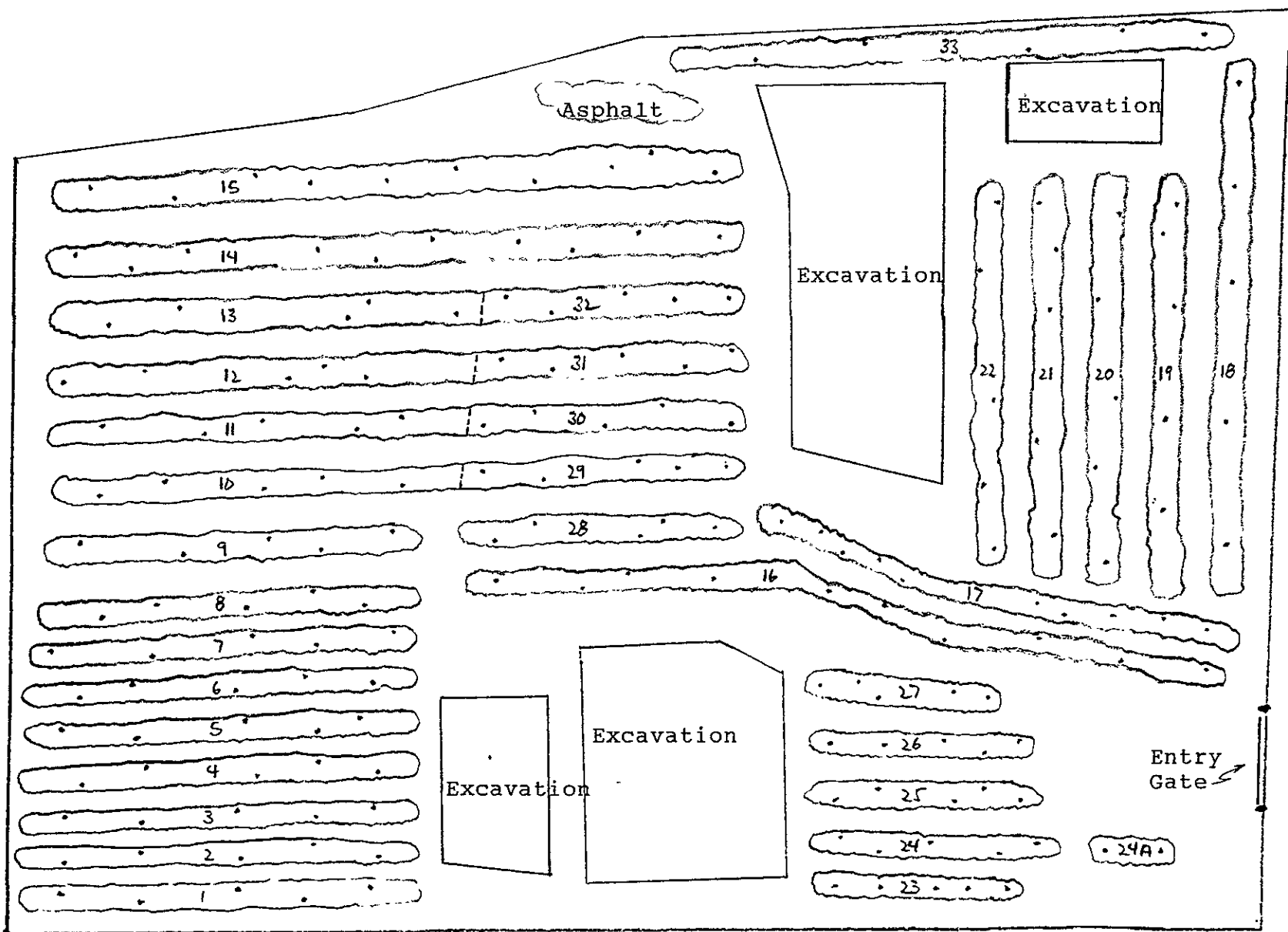
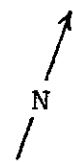
Tarlochan Nijjar, M.Sc.
Environmental Microbiologist
and



Denise A. Rapp
Vice-President, Uriah Inc.

cc: Mr. Richard Heitt, RWQCB

2410-2420 MARINER SQUARE LOOP



—Mariner Square Loop—