

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



202721 CC

RAFAT A. SHAHID, DIRECTOR

September 19, 1996
Site Mitigation STID 250
page 1 of 2

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

Attn: Richard Cameron
Asbury Graphite Inc. Of California
2855 Franklin Canyon Rd.
Rodeo CA 94572-2116

RE: **CONDITIONAL CASE CLOSURE LETTER**, former Graphite Mill, 2500 Kirkham
St., Oakland CA 94607

Dear Mr. Cameron,

I am in receipt of the "Soil and Groundwater Sampling" report prepared by Engeo Inc., dated September 9, 1996. This report documents a soil and groundwater investigation conducted on the above-referenced property. Two Geoprobe borings were emplaced inside the building on 8/12/96; three soil samples and one grab groundwater sample were collected from each boring. In addition, approximately 80 cubic yards of soil (fill material) was removed to a total depth of 4' bgs from the north property area. Seven soil samples were collected from the resulting shallow excavation, and two 3-point composite samples were collected from the stockpiled soil.

Results indicate that the Total Recoverable Petroleum Oil (SM 503) discovered in 1990 from borings emplaced in the north property area is likely a result of asphaltic material within fill material. In addition a waste extraction test performed on this material indicates that this fill material does not appear to pose a threat to groundwater. Although low concentrations of TPH-diesel are present in groundwater, the absence of BTEX in all of the samples and the lack of potable uses of groundwater in the area indicate **that there is no significant threat to human health or the environment.**

This office agrees with Engeo's proposal to backfill the stockpiled material into the excavation, then compact it and cover with asphalt or concrete paving. **A final case closure letter will be issued to you when the stockpiled material is backfilled and covered as previously mentioned.**

If you have any questions, please contact me at 510-567-6761.

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R02721

1 November 1990

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Ty Campbell
Clarke & Cramer, Incorporated
401 Roland Way
Oakland, CA 94621

Subject: Environmental Investigation of 2500 Kirkham, Oakland.

Dear Mr. Campbell:

This office has received and reviewed a proposal prepared by Earth Metrics Incorporated concerning a further characterization of soil contamination associated with your property. Approval is granted for the implementation of this project as described in the Earth Metrics proposal dated 20 September 1990.

Please ensure that the results of this investigation are communicated to this office for review and inclusion into our records. The need for any further action on this site will be based upon the data derived from this investigation.

If you have any questions concerning this matter, please contact me at (415)271-4320.

Sincerely,

Dennis J. Byrne
Hazardous Materials Specialist

cc: Rafat Shahid, Assistant Director, Alameda County Department of
Environmental Health.
Chris Zouboulakis, Earth Metrics, Inc.

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DAVID J. KEARS, Agency Director



R02721

14 September 1990

Ty Campbell
Clarke & Cramer, Incorporated
401 Roland Way
Oakland, CA 94621

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Subject: Assessment Report of 2500 Kirkham Street, Oakland.

Dear Mr. Campbell:

Thank you for the report, dated 7 August 1990, prepared by Earth Metrics Incorporated for the site listed above. A review of this report has been completed. The Earth Metrics report states that Total Oil and Grease contamination of up to 170 parts per million was measured in composite samples obtained from borings drilled on your property. Based upon this information, some follow-up action is required.

Guidelines established by the San Francisco Bay Regional Water Quality Control Board require that a ground water investigation be conducted on a property whenever soil contamination is detected indicating that an impact on ground water quality may have occurred. Such an investigation needs to be conducted at 2500 Kirkham Street. To fulfill all of the requirements of the Regional Board, this investigation should include defining the ground water gradient at the site and analyzing the water for the presence of Total Petroleum Hydrocarbons-Diesel (EPA Method GCFID 3510), Benzene, Toluene, Xylene and Ethylbenzene (EPA Method 602, 624 or 8260) and Total Oil and Grease (EPA Method 5520 C&F). During well installation soil samples should be collected for analysis at five foot depth intervals until ground water is reached. A copy of all data and boring logs should be submitted to this office for review and inclusion into our records.

The contents of this letter have been discussed with Chris Zouboulakis of Earth Metrics. If you have any question concerning this matter, please contact me at (415) 271-4320.

Sincerely,

Dennis J. Byrne
Hazardous Materials Specialist

cc: Lester Feldman, SFBRWQCB
Rafat Shahid, Assistant Director, Alameda County Department of
Environmental Health.
Chris Zouboulakis, Earth Metrics Inc.