



ENVIRONMENTAL
PROTECTION

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#1138

August 9, 1999
Project 360-014.4A

Mr. Dennis Buran
Glascock Street Properties
425 Market Street
Oakland, California 94607

ORC injections

Re: **Additional Remediation Report**
Former Dorr-Oliver Site
2901 Glascock Street, Oakland, California

Dear Mr. Buran:

Pacific Environmental Group, Inc. (PEG) has prepared this letter to document the results of the work performed at the site referenced above. The work was performed on August 2 and 3, 1999 in accordance with the *Work Plan for Additional Remediation in Reponse to Alameda County Health Care Services Agency letter dated January 8, 1999* (PEG, January 25, 1999). Fifteen remediation borings were installed by Gregg Drilling, Inc., under the supervision of a PEG staff geologist. This report discusses the remedial action performed.

Remedial Action

To further enhance the bioremediation of residual petroleum hydrocarbons, PEG advanced 15 soil borings utilizing direct-push technology, and injected each boring with an ORC® slurry. The soil borings were advanced to a total depth of approximately 20 feet below ground surface (bgs). The bottom 10 feet of each boring was tremied with an ORC® slurry containing approximately 16 pounds of ORC® powder and 5 gallons of water. The upper 10 feet of each boring was backfilled to grade using neat cement. Due to significantly thick concrete slabs encountered under the warehouse floor during drilling activities, soil borings RB-11 and RB-15 were relocated. Additionally, five concrete cores were extracted by Del Secco, Inc. of Redwood City to facilitate the advancement of the soil borings. All boring locations are shown on Figure 1.

15
16
—
90
15
—
240 #

Conclusions

The remediation borings were installed in accordance with the work plan. PEG will resume addition of ORC® to wells MW-1 and MW-2 during the next quarterly event, per the work plan. PEG recommends that groundwater monitoring and sampling for the site continue on the current schedule.

Please feel free to contact me at (408) 453-7300 should you have any questions or comments regarding this letter.

Sincerely,

Pacific Environmental Group, Inc.



Andrew Lehane
Project Engineer
RCE 55798

Attachments: Figure 1 - Site Map

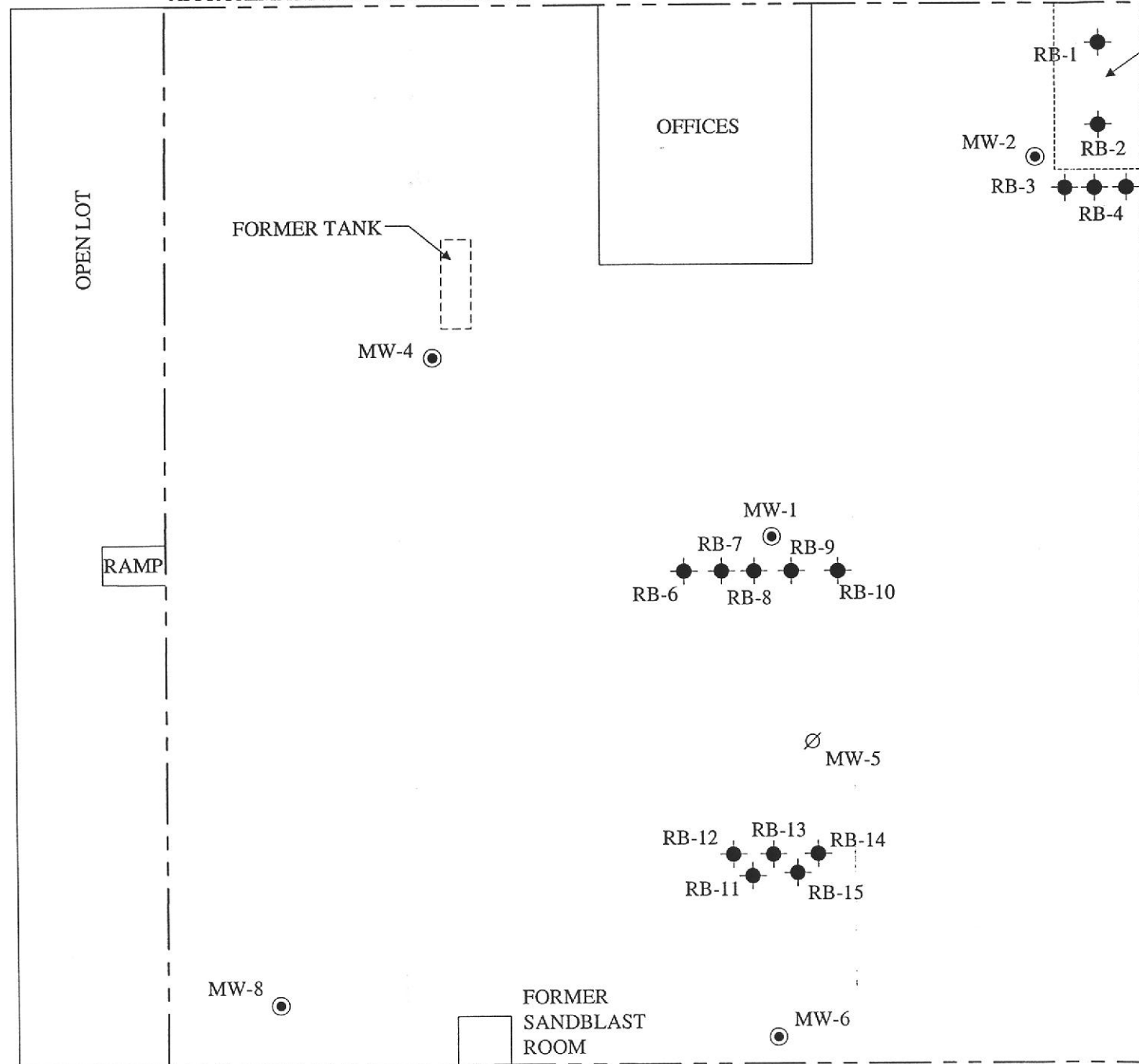
cc: Mr. Barney Chan, ACHCSA
Mr. Richard Croop, Glascock Street Properties



GLASCOCK STREET

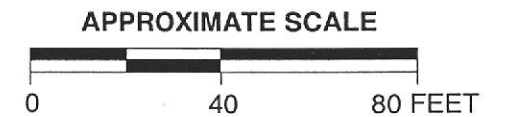
PETERSON STREET
MW-7

APPROXIMATE LIMITS OF BUILDING



LEGEND

- MW-1 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- MW-5 ∅ DESTROYED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- RB-1 ● REMEDIATION BORING LOCATION AND DESIGNATION



PACIFIC ENVIRONMENTAL GROUP, INC.

TITLE: CONCEPTUAL REMEDIATION PLAN		
PREPARED FOR: FORMER DORR-OLIVER SITE 2901 Glascock Street Oakland, California		
DATE: 8/9/99	PROJECT: 360-014.4A	FIGURE: 1