



KAPREALIAN ENGINEERING, INC.

Consulting Engineers

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(415) 676-9100 (707) 746-6915

KEI-P88-1204.P3

May 16, 1989

PROPOSAL TO
UNOCAL CORPORATION
for the
Unocal Service Station #2512
1300 Davis Street
San Leandro, California

GROUND WATER MONITORING, SAMPLING AND ANALYSIS

INTRODUCTION

Preliminary investigation of the ground water conducted in April, 1989 at the referenced site showed the presence of detectable levels of benzene and total petroleum hydrocarbon (TPH) as diesel in the wells. Per our recommendations described in KEI's report KEI-P88-1204.R2 dated May 16, 1989, Kaprealian Engineering, Inc. proposes the following work plan.

PROPOSED TASK

1. Purge all monitoring wells on-site on a monthly basis. Record the elevation of the water table and any abnormal conditions noted during inspection, including presence of product and sheen.
2. Purge and sample ground water from all monitoring wells, and analyze for TPH as gasoline, benzene, toluene, xylenes and ethylbenzene, TPH as diesel, total oil and grease, and 601 constituents on a quarterly basis. Prior to sampling, water table elevation will be recorded as well as the presence of any free product.
3. Prepare quarterly technical reports summarizing the field activity water sampling and analyses with discussion and recommendations.

The purging of ground water and sampling should continue for six months. This proposed monitoring and sampling program should be re-evaluated after each sampling event.



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LOCATION MAP

Unocal Service Station - 2512
1300 Davis Street
San Leandro, California



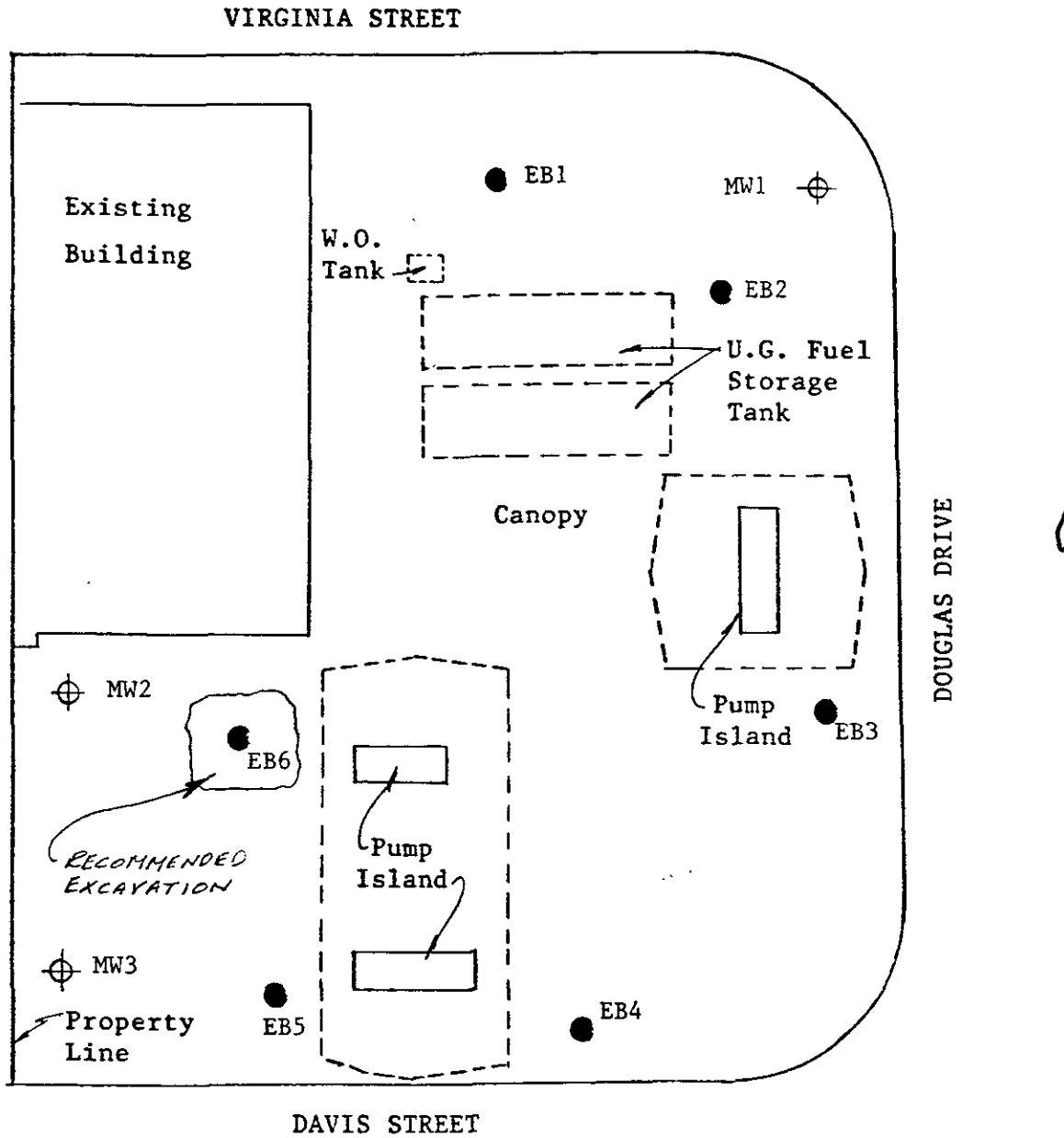
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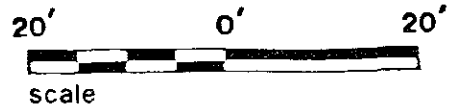
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DAVIS STREET

SITE PLAN



- Exploratory Boring
- ⊕ Monitoring Well (Proposed)

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