

KAPREALIAN ENGINEERING, INC.
Consulting Engineers

PO BOX 996 • BENICIA, CA 94510
(707) 746-6915 • (707) 746-6916 • FAX: (707) 746-5581

TRANSMITTAL PAGE

DATE: June 29, 1990

Alameda County Health Agency
Div. of Hazardous Materials

TO: Ravi Arulanantham

FROM: Dick Bradish

Number of Pages
(including cover): 5

SUBJECT: Unocal #5901, Dublin, 11976 Dublin Blvd

Pls find attached laboratory analyses and chain of custody documentation for four (4) soil samples collected from the sidewalls of the new fuel tank pit excavation. Sample collected at a depth of about 6.0 feet. Also attached is a site plan indicating sample point locations.

If any problems occur in receiving, please call the number listed above.

Water sample will be collected Tuesday, July 3.



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 11976 Dublin Blvd., Dublin	Sampled:	Jun 26, 1990
P O. Box 996	Matrix Descript:	Soil	Received:	Jun 27, 1990
Benicia, CA 94510	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jun 27, 1990
Attention: Mardo Kaprealian, P.E.	First Sample #:	006-4403	Reported:	Jun 28, 1990

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
006-4403	SW11	N.D.	N.D.	N.D.	N.D.	0.0079
006-4404	SW12	N.D.	N.D.	N.D.	N.D.	N.D.
006-4405	SW13	N.D.	N.D.	0.022	N.D.	N.D.
006-4406	SW14	N.D.	N.D.	N.D.	N.D.	0.020

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
-------------------	-----	--------	--------	--------	--------

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Belinda Vega
Belinda C. Vega
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Kaprealian Engineering, Inc.

P.O. Box 996

Benicia, CA 94510

Attention: Mardo Kaprealian, P.E.

Client Project ID:

Matrix Descript:

Analysis Method:

First Sample #:

Unocal, 11976 Dublin Blvd., Dublin

Soil

SM 503 D&E (Gravimetric)

006-4403

Sampled: Jun 26, 1990

Received: Jun 27, 1990

Extracted: Jun 27, 1990

Analyzed: Jun 27, 1990

Reported: Jun 28, 1990

TOTAL RECOVERABLE PETROLEUM OIL

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)
---------------	--------------------	--------------------------

006-4403

SW11

78

Detection Limits:

30

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Belinda C. Vega
Project Manager

64403.KE1 <2>

KAPREALIAN ENGINEERING, INC.

CHAIN OF CUSTODY

CLIENT: *[Signature]*
 TESTING AGENCY: *[Signature]*

SITE NAME & ADDRESS:
*Unocal - Dublin - 11976
 Dublin Blvd.*

ANALYSES REQUESTED:

T P T T O
 H X G
 G E

TURN AROUND TIME:
24 HRS.

REMARKS

0064403
04
05
06

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	T	P	T	O
<i>11</i>	<i>6/26</i>	<i>3:15</i>	<i>X</i>		<i>X</i>		<i>1</i>	<i>New Taub Pit</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>12</i>	<i>6/26</i>	<i>3:20</i>	<i>X</i>		<i>X</i>		<i>1</i>	<i>New Taub Pit</i>	<i>X</i>	<i>X</i>		
<i>13</i>	<i>6/26</i>	<i>3:25</i>	<i>X</i>		<i>X</i>		<i>1</i>	<i>New Taub Pit</i>	<i>X</i>	<i>X</i>		
<i>14</i>	<i>6/26</i>	<i>3:30</i>	<i>X</i>		<i>X</i>		<i>1</i>	<i>New Taub Pit</i>	<i>X</i>	<i>X</i>		

Delivered by: <i>[Signature]</i>	Date/Time: <i>6/26/90</i>	Received by: <i>[Signature]</i> <i>0830</i>
Delivered by: <i>[Signature]</i>	Date/Time: <i>6/27/90 1055</i>	Received by: <i>[Signature]</i>
Delivered by: <i>[Signature]</i>	Date/Time:	Received by: <i>[Signature]</i>
Delivered by: <i>[Signature]</i>	Date/Time:	Received by: <i>[Signature]</i>

The following MUST BE completed by the laboratory accepting samples for analysis:

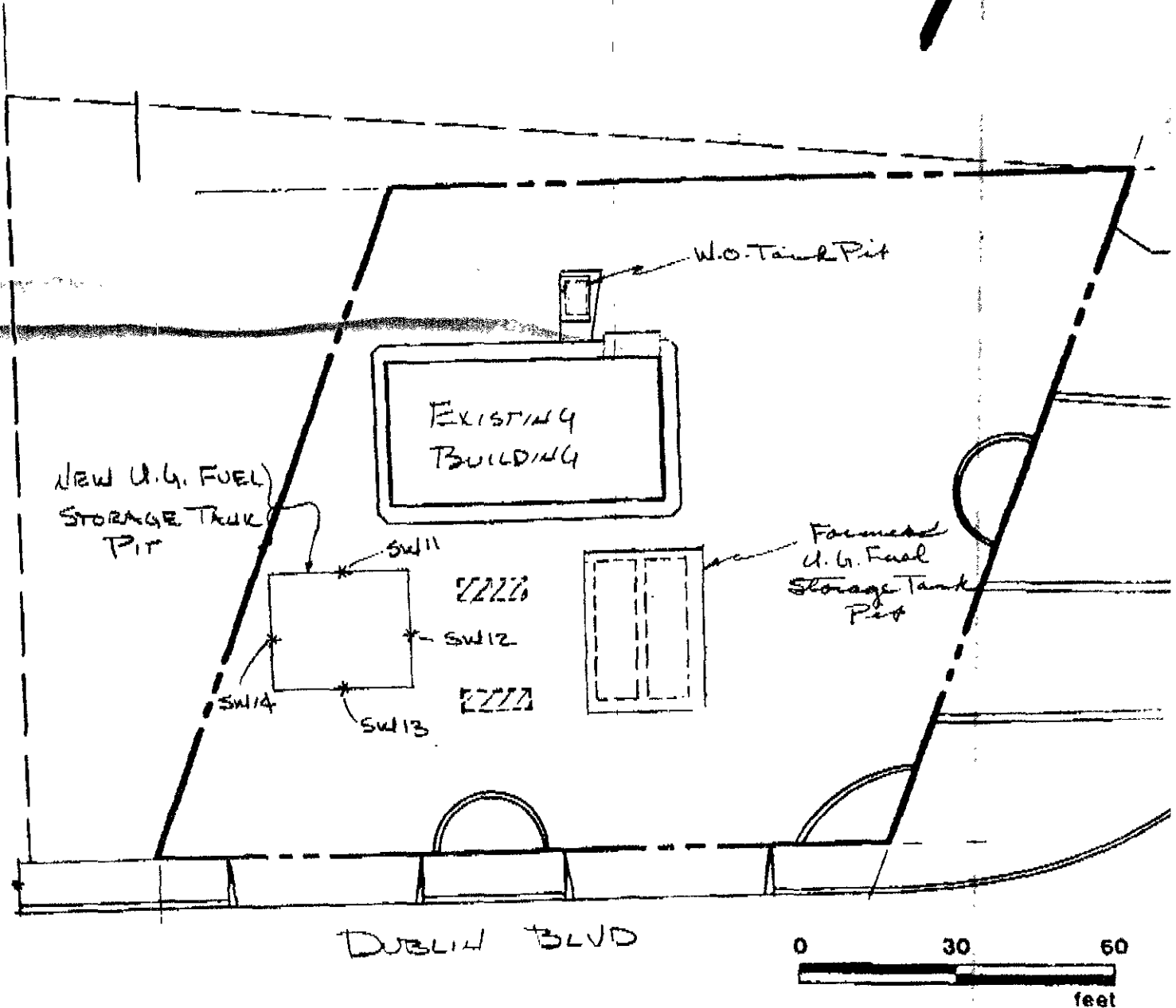
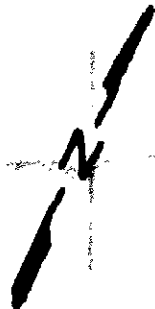
- Have all samples received for analysis been stored in ice?
 - Will samples remain refrigerated until analyzed?
 - Did any samples received for analysis have head space?
 - Were samples in appropriate containers and properly packaged?
- Signature: *[Signature]* *[Signature]* Date: *6/27/90*

KAPREALIAN ENG. 707 746 5581



KAPREALIAN ENGINEERING, INC.
Consulting Engineers

P.O. BOX 996 • BENICIA, CA 94510
(707) 746-6915 • (707) 746-6916 • FAX. (707) 746-5581



DUBLIN BLVD

SITE PLAN

* SAMPLE POINT LOCATION

UNOCAL SS# 5901
11976 DUBLIN BLVD
DUBLIN, CA