# Subsurface Consultants, Inc. FAX TRANSMISSION COVER SHEET Consulting Engineers

	CHCSA		
From: Ma	rianne Watada		<i>RUSHI</i> Please Deliver Immediately
-	194 SCI JOB No.: 738,001		
Project:	A Frud	_ Subj	ect: Dec. Quartore Menitoria Report
	For Your Review and Comment	Ø	As Requested
	Original Will Be Mailed		Please Return an Executed Copy
a	For Your Information		,我们就是一个人,我们就是一个人,他们就是一个人,他们就是一个人,他们就是一个人,他们就是一个人,他们就是一个人,他们就是一个人,他们就是一个人,他们就是一个人
Copies have a	iso bean sent to:		A sheep representation of the state of the s
Remarks:			

Subsurface Consultants, Inc.

171 - 12th Street, Suite 201 Qaldand, California 94607 510-268-0461 FAX 510-268-0137 The A.P.A. Fund, Ltd. 1904 Franklin Street Suite 501 Oakland, CA 94612

March 8, 1994

Mr. Thomas Peacock Alameda County Health Care Services Agency Department of Environmental Health **UST Local Oversight Group** 80 Swan Way, Room 200 Oakland, CA 94621

> RE: 2801 MacArthur Blvd., Oakland, CA

> > **STID 23**

Dear Mr. Peacock:

Enclosed is the second quarterly groundwater monitoring report for the above referenced site. The report presents the results from ground water sampling conducted in December 1993. The next round of sampling is scheduled for the week of March 9, 1994.

We have recently received partial reimbursement from the Underground Storage Tank Cleanup Fund for project costs incurred to date. We have also received an amended Letter of Commitment for remediation costs. Therefore, we are proceeding with the detailed design for remediation as requested in your letter dated October 19, 1993. Upon completion we will submit the design and a schedule for implementation.

Please contact me at (510) 452-4711 or Aniko Molnar at (714)476-6121 if you have any questions.

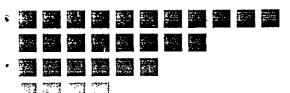
2)14/54 In midst of getting proposal for Vapor
extraction (air spance design will sent to I. Munch of sweck
for approval not to regarge 3 bills
Aniko will inform me of results in
Enclosure Zweeks Enclosure

Sincerely,

cc: Rich Hiett, RWQCB

Gil Jensen, Alameda County District Attorney's Office (w/o enclosure)

Raymond W. Yu (w/o enclosure)



January 11, 1994 SCI 838.001

A.P.A. Fund Ltd. c/o Mr. Nicholas Molnar 1904 Franklin Street, Suite 501 Oakland, California 94612

Quarterly Groundwater Monitoring Sampling Event - December 1993 2801 MacArthur Boulevard Oakland, California

Dear Mr. Molnar:

This letter presents quarterly groundwater monitoring results for the referenced site. Monitoring services were provided by Subsurface Consultants, Inc. (SCI) on behalf of the A.P.A. Fund Limited. Groundwater monitoring has been performed in accordance with the workplan by Streamborn dated January 31, 1992. The monitoring was required by the Alameda County Health Care Services Agency (ACHCSA), due to an underground gasoline tank release. The location of the site is shown on Plate 1.

#### Groundwater Sampling

On December 13, 1993, Wells M2, M3 and M4 and Piezometer P2 were purged and sampled. In general, the groundwater monitoring event consisted of (1) measuring groundwater levels using an electric well sounder, (2) measuring free product thicknesses, (3) purging water from each well until pH, conductivity and temperature had stabilized (approximately 3 well volumes), and (4) after the wells had recovered to at least 50 percent of their initial level, sampling the wells with new disposable samplers. wells/piezometers that recharged very slowly (P2 and M4) were purged dry, allowed to recharge for four hours, purged dry again and sampled when the wells had recharged sufficiently to submerge A summary of groundwater purging and sampling information is presented in Table 1. The samples were retained in containers pre-cleaned by the supplier in accordance with EPA protocol. The containers were placed in an ice filled cooler and remained iced until delivery to the analytical laboratory. Chainof-custody documents accompanied the samples to the laboratory. Purge water is stored on-site in 55-gallon steel drums.

# Subsurface Consultants, Inc.

A.P.A. Fund Ltd. c/o Mr. Nicholas Molnar SCI 838.001 January 11, 1994 Page 2

#### Analytical Testing

Analytical testing was performed by Curtis and Tompkins, Ltd., a laboratory certified by the State of California Department of Health Services for hazardous waste and water testing. A sample from each well was analyzed for the following:

- 1. Total petroleum hydrocarbons, as gasoline (TPH-gas), sample preparation and analysis using EPA Methods 5030 (purge and trap) and 8015 modified (gas chromatograph coupled to a flame ionization detector), and
- 2. Aromatic hydrocarbons, sample preparation and analysis using EPA Methods 5030 and 8020 (gas chromatograph coupled to a photoionization detector).

A summary of the current and previous analytical test results are presented in Table 2. The groundwater level data generated to date are presented in Table 3. Well sampling forms, analytical test reports, and chain-of-custody documents are attached. All sampling events prior to May 17, 1993 were conducted by Streamborn, the previous environmental consultant.

#### Conclusions

The groundwater level data indicates that the regional groundwater flow direction is toward the south-southeast at a gradient of approximately 2 to 4 percent. This groundwater flow direction and gradient generally remain consistent with previous measurements.

In general, the analytical results indicate that elevated concentrations of gasoline and BTXE are present in groundwater. The highest concentrations of gasoline/BTXE have been detected in Wells P2 and M2. Gasoline was not detected at concentrations above laboratory reporting limits in Well M3. No free product was measured in any of the wells. However, a slight sheen was observed in Piezometer P2 and a petroleum hydrocarbon odor was observed in Piezometer P2 and Wells M2 and M4.

In accordance with our monitoring plan, the next monitoring event will occur during February 1994. If you have any questions, please call.

A.P.A. Fund Ltd. c/o Mr. Nicholas Molnar SCI 838.001 January 11, 1994 Page 3

Yours very truly,

Subsurface Consultants, Inc.

Marianne E Watada

Marianne F. Watada Project Engineer

James P. Bowers

Geotechnical Engineer 157 (expires 3/31/95)

MFW:JPB:sld

Attachments: Table 1 - Groundwater Purging and Sampling

Information

Table 2 - Hydrocarbon Concentrations in Groundwater

Table 3 - Groundwater Elevation Data

Plate 1 - Site Plan

Well Development/Sampling Forms

Analytical Test Reports Chain-of-Custody Records

4 copies submitted

cc: Ms. Aniko Molnar

1920 Main Street, Suite 400 Irvine, California 92714

Table 1 Groundwater Purging and Sampling Information

Locatio		onđuctivity (umho/cm)	<u>рн</u>	Temperature	Purge/ Sample Method	Volume Purged (gallons)	Static Casing Volumes Removed	<u>Comments</u>
P2	12/13/93	1130	8.7	62.8	Bailer	8	41	Semi-clear with sheen and hydrocarbon odor
M2	12/13/93	2			Bailer	10	5	Semi-clear with hydrocarbon odor
МЗ	12/13/93				Bailer	10	4	Semi-turbid
<b>M</b> 4	12/13/93	digin allan			Bailer	6	41	Clear with hydrocarbon odor

Slow recharge well - purged dry, allowed to recharge for 4 hours, purged dry again, sampled when the wells had recharged sufficiently to submerge the bailer.

Equipment malfunction; conductivity, pH and temperature were not recorded.

Table 2 Hydrocarbon Concentrations in Groundwater

Sample Location	Sample n Date	<u>TPH1</u>	Benzene	<u>Toluene</u>	Ethyl- benzene	Xylenes
P1	01/16/92	6700	500	4.4	80	40
<del></del>	03/09/93	5600	1100	29	63	120
P2	11/06/90	$33000^{2}$	4700	2100	380	630
	01/16/92	99000	6500	12000	2000	16000
	03/09/93	70000	5900	11000	2100	12000
	05/17/93	87000	6600	13000	2200	13000
	08/17/93	80000	5800	12000	2000	12000
	12/13/93	100000	5600	12000	2200	14000
P3	08/17/93	900	180	65	10	93
M2	05/07/91	16000	1300	950	170	890
	01/16/92	22000	960	570	370	1800
	03/09/93	27000	1100	970	490	1400
	05/17/93	17000	1200	770	480	1300
	08/17/93	20000	1700	910	540	1.400
	12/13/93	51000	2200	1400	700	2600
М3	05/17/93	<50	<0.5	<0.5	<0.5	<0.5
	08/17/93	<50	<0.5	<0.5	<0.5	<0.5
	12/13/93	<50	<0.5	<0.5	<0.5	<0.5
M4	05/17/93	7500	1200	230	11	350
	08/17/93	13000	3000	330	130	700
	12/13/93	11000	2700	190	90	360

TPH = Total petroleum hydrocarbons, as gasoline
All concentrations are reported in micrograms per liter (ug/l)

TABLE 3
Groundwater Elevation Data

	TOC1		Groundwater Depth	Groundwater Elevation
<u>Well</u>	<u>Elevation</u>		<u>(feet)</u>	(feet)
M1.	1000.00	10/24/90	36.1	963.9
		10/25/90	36.1	963.9
		$11/02/90^2$	36.4	963.6
		11/06/90	36.8	963.2
		11/16/90	36.8	963.2
		11/23/90	36.9	963.1
		11/28/90	37.0	963.0
		12/05/90	37.2	963.0
		03/18/91	35.8	964.2
		03/29/91	32.4	967.6
		04/03/91	31.9	968.1
		04/09/91	31.6	968.4
		04/16/91	31.2	968.8
		04/18/91	31.1	968.9
		04/30/91	31.1	968.9
		05/07/91	31.2	968.8
		01/23/92	35.5	964.5
		03/09/93	29.1	970.9
		06/01/93	27.5	972.9
		12/13/93	33.9	966.1
M2	999.6	04/30/91	$31.1^{3}$	968.5
		05/07/91	$31.3^{3}$	968.3
		01/16/92	35.1 <sup>3</sup>	964.5
		03/09/93	33.6 <sup>3</sup>	966.0
		05/17/93	$27.2^{3}$	972.4
		06/01/93	27.6 <sup>3</sup>	972.0
		08/17/93	$30.4^{3}$	969.2
		12/13/93	$34.0^{3}$	965.6
М3	992.8	05/17/93	22.2	970.6
_		06/01/93	23.3	969.5
		08/17/93	25.0	967.8
		12/13/93	25.8	967.0
<b>M4</b>	999.6	05/17/93	33.8 <sup>3</sup>	965.8
		06/01/93	32.5 <sup>3</sup>	967.1
		08/17/93	33.9 <sup>3</sup>	965.7
		12/13/93	36.8 <sup>3</sup>	962.8

TABLE 3 Groundwater Elevation Data (continued)

	TOC1 Elevation	Date	Groundwater Depth (feet)	Groundwater Elevation (feet)
7.1	000 6	10/04/00	27.0	061 7
P1	999.6	10/24/90	37.9	961.7
•		10/25/90	38.0	961.6
		$11/02/90^2$	38.4	961.2
		11/06/90	38.7	960.9
		11/16/90	38.3	961.3
		11/23/90	38.1	961.5 961.3
		11/28/90	38.3	
		12/05/90	38.2	961.4
		03/18/91	37.8 36.0	961.8
		03/29/91	36.9	962.7
		04/03/91	36.8	962.8 962.7
		04/09/91	36.9 36.7	962.9
		04/16/91	36.8	962.8
		04/18/91	36.3	963.3
		04/30/91	36.2	963.4
		05/07/91	36.6 <sup>3</sup>	963.4
		01/16/92 03/09/93	32.8	966.8
		06/01/93	30.0 <sup>3</sup>	969.6
		12/13/93	33.7 <sup>3</sup>	965.9
				056.7
P2	997.8	10/24/90	41.1	956.7
		10/25/90	40.6	957.2
		$11/02/90^2$	38.4	959.4
		11/06/90	37.0	960.8
		11/16/90	37.4	960.4
		11/23/90	35.9	961.9
		11/28/90	35.4 <sup>3</sup>	962.4
		12/05/90	35.0 <sup>3</sup>	962.8
		03/18/91	$31.4^{3}$	966.4
		03/29/91	$28.2^{3}$	969.6
		04/03/91	26.8 <sup>3</sup>	971.0
		04/09/91	26.5 <sup>3</sup>	971.3
		04/16/91	$26.5^{3}$	971.3
		04/18/91	$26.5^{3}$	971.3
		04/30/91	$26.7^{3}$	971.1
		05/07/91	$27.0^{3}$	970.8
		01/16/92	$33.7^{3}$	964.1
		03/09/93	$23.6^{3}$	974.2
		05/17/93	$23.7^{3}$	974.1
		06/01/93	24.43	973.4
		08/17/93	28.3 <sup>3</sup>	969.5
		12/13/93	$31.0^{3}$	966.8

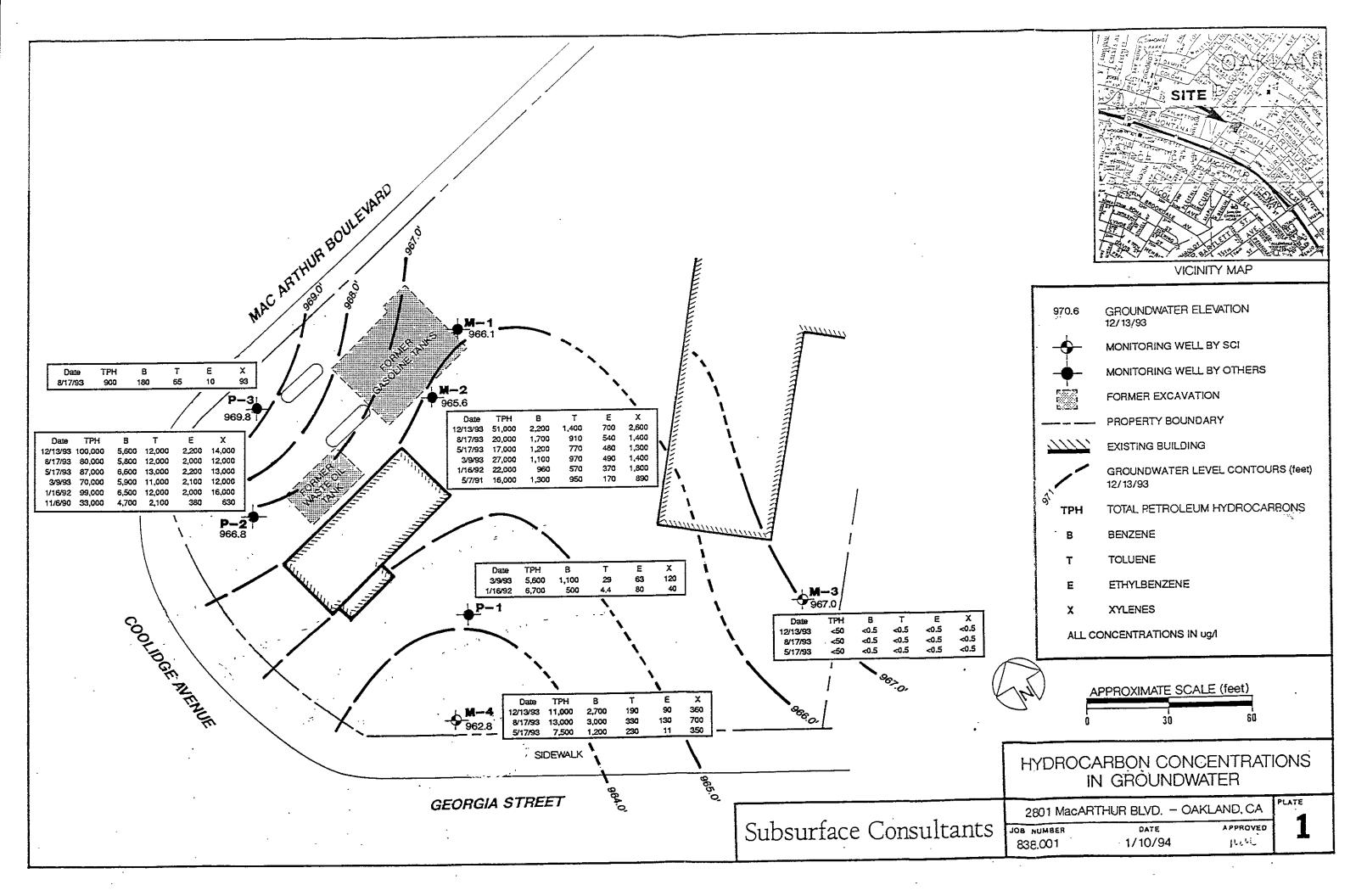
TABLE 3 Groundwater Elevation Data (continued)

	TOC <sup>1</sup>		Groundwater Depth	Groundwater Elevation
_Well_	<u>Elevation</u>	<u>Date</u>	<u>(feet)</u>	(feet)
Р3	999.1	03/29/91	24.7	974.4
		04/03/91	25.1	974.0
		04/09/91	25.9	973.2
		04/16/91	26.2	972.9
		04/18/91	26.2	972.9
		04/30/91	26.8	972.3
		05/07/91	27.4	971.7
		01/23/92	32.5	966.6
		03/09/93	24.8	974.3
		06/01/93	23.9	975.2
		08/17/93	$28.5^{3}$	970.6
		12/13/93	29.3 <sup>3</sup>	969.8

Elevations relative to site-specific datum. Temporary Bench Mark No. 1, top of concrete at west corner of northernmost pump island. Assumed elevation = 1,000.00 feet.

An interface probe was used to discern whether free product was present - free product was not detected with the probe.

A petroleum odor and/or coating was observed on the water level probe.



Project Name: 2801 MACARTHUR BOULEVA	RD Well Number: PZ
Job No.: 838.001	Well Casing Diameter: 2 inch
Sampled By: CoDen	Date: 12/13/93
TOC Elevation:	
Depth to Casing Bottom (below TOC)	42.20 feet
Depth to Groundwater (below TOC)	31.0Z feet
Feet of Water in Well	//. /8 feet
Depth to Groundwater When 80% Recovered	feet
Casing Volume (feet of water x Casing DIA 2 x 0	.0408) gallons
Depth Measurement Method Tape & F	Paste Electronic Sounder Dother
Free Product	
Purge Method <u>AISANEable</u>	toda hilas
Purge Metriou <u>Octobrico Com</u>	LETION MAILER
ι	EASUREMENTS
FIELD ME	EASUREMENTS  Conductivity
FIELD ME Gallons Removed pH Temp (°c)	Conductivity (micromhos/cm) Salinity S% Comments
FIELD ME Gallons Removed pH Temp (°c)	Conductivity (micromhos/cm) Salinity S% Comments  928
FIELD ME  Gallons Removed pH Temp (°c)  9-64 68.7 °F	Conductivity (micromhos/cm) Salinity S% Comments  928  1120
FIELD ME  Gallons Removed pH Temp (°c)  0 9.64 68.7 °F  2 8.12 62.8  10.05 62.3  7 8-93 62.8	Conductivity (micromhos/cm) Salinity S% Comments  928  1120
FIELD ME  Gallons Removed pH Temp (°c)  9.64 68.7 °F  2 8.12 62.8  10.05 62.3  7 8-93 62.8  8.74 62.9	Conductivity (micromhos/cm) Salinity S% Comments  928  1120  1114
FIELD ME  Gallons Removed pH Temp (°c)  0 9.64 68.7 °F  2 8.12 62.8  10.05 62.3  7 8-93 62.8	Conductivity (micromhos/cm) Salinity S% Comments  928  1120  1114  1130
FIELD ME  Gallons Removed pH Temp (°c)  9.64 68.7 °F  8.12 62.8  5 10.05 62.3  7 8-93 62.8  8.74 62.9  Total Gallon's Purged	Conductivity (micromhos/cm) Salinity S% Comments  928  1120  1114  1121  1130  gallons
FIELD ME  Gallons Removed pH Temp (°c)  9-64 68.7  2 8.12 62.8  10.05 62.3  7 8-93 62-8  8-74 62-9  Depth to Groundwater Before Sampling (below To	Conductivity (micromhos/cm) Salinity S% Comments  928  1120  1114  1121  1130  gallons
Gallons Removed pH Temp (°c)  O 9.64 68.7°  R.12 62.8  10.05 62.3  7 8-93 62.8  8-74 62.9  Depth to Groundwater Before Sampling (below To Sampling Method	Conductivity (micromhos/cm) Salinity S% Comments  928  1120  1114  1121  1130  gallons
FIELD ME  Gallons Removed pH Temp (°c)  9-64 68.7  2 8.12 62.8  10.05 62.3  7 8-93 62-8  8-74 62-9  Depth to Groundwater Before Sampling (below To	Conductivity (micromhos/cm) Salinity S% Comments  928  1120  1114  1121  1130  gallons
FIELD ME   Gallons Removed	Conductivity (micromhos/cm) Salinity S% Comments  928  1120  1114  1121  1130  gallons  OC) feet
FIELD ME   Gallons Removed	Conductivity (micromhos/cm) Salinity S% Comments  928  1170  1174  1121  1130  gallons  OC) feet  PLATE

Project Name: 2801 MAC	ARTHUR BOULEVARD	Weil Number: _	m2			
Job No.: 838.001		Well Casing Diameter: 2 incl				
Sampled By:	Dea	Date:		3		
TOC Elevation:		Weather:	Cloudy			
·		44.90		foot		
	elow TOC)					
Feet of Water in Well	w IOC)	11.94				
Feet of Water in Well						
Depth to Groundwater Whe	en 80% Recovered	-70		feet		
Casing Volume (feet of wat	er x Casing DIA 2 x 0.0408	)		_ gallons		
Depth Measurement Metho	od Tape & Paste	Electronic Sou	nder / Other			
Free Product				<del></del>		
Purge Method	disposable be	ile				
	FIELD MEASU	JREMENTS				
Online Democrat		onductivity cromhos/cm) Salini	ty S% Cor	mments		
Gallons Removed p	H Temp (°c) (mic	donnos/cmj Gami	•	Clear		
	<u> </u>					
T. Ind. Collins Durand	10			gallone		
Total Gallons Purged				•		
Depth to Groundwater Befo	re Sampling (below TOC)			——— feet		
Sampling Method	ı			<del></del>		
Containers Used	3 40 mi liter	pint	<u> </u>			
	TO IIII III.GI	piit				
		2801 MACARTHUR BL	VD-OAKLAND, CA	PLATE		
ubsurface Co			TE APPRO	OVED		
-	838	3.001				

Project Name: 2801	MACARTHU	JR BOULEVA	\RD	Well Nur	nber:	<u>M3</u>	
Job No.: 838.001				Well Cas	ing Diameter:	2	inch
Sampled By:	Cobra			Date: _	12	13/93	·
TOC Elevation:					: <u>Wo</u>		
						/	
Depth to Casing Botto	m (below TC	OC)		39.84	•		feet
Depth to Groundwater				<u> 35-80</u>			feet
Feet of Water in Well				14.00	<b>)</b>		feet
Depth to Groundwater	When 80%	Recovered					feet
Casing Volume (feet o	of water x Ca	sing DIA <sup>2</sup> x (	0.0408) _	7.7	29		gallons
Depth Measurement N	Method	Tape &	Paste	/ Electro	nic Sounder	/ Other	
Free Product							·
Purge Method		dinosa	de	miles	<i>s</i>		
Gallons Removed	Hq ———	Temp (°c)	Cond	uctivity nhos/cm)	Salinity S%		nments - †uvlurc
Fotal Gallons Purged Depth to Groundwater							
Sampling Method							
Containers Used	_						
	<u>3</u> 40 ml	<del></del>	liter		pint		
-1- a	, 	.144	280	1 MACARTH	pint IUR BLVD-OAI	KLAND, CA	PLATE
ubsurface	, 	ultants	280	R	•	KLAND, CA	

Project Name: 2801 MACA	RTHUR BOULEVARD	Well Nun	nber: Y	n-4	<del> </del>
Job No.: 838.001		Well Cas	ing Diameter:	2	inch
Sampled By:	<u>د                                    </u>	Date: _	141	3/43	
TOC Elevation:	<del>-</del> '		: <i>Clo</i>	udy	
Depth to Casing Bottom (belo	ow TOC)	45.20			_ feet
Depth to Groundwater (below Feet of Water in Well	TOC)	36.76			_ feet
Feet of Water in Well		8.44			⊸ feet
Depth to Groundwater When					
Casing Volume (feet of water	x Casing DIA <sup>2</sup> x 0.040	8)	ζ 🖁 🔝	<del></del>	galions
Depth Measurement Method	Tape & Paste	Electro	nic Sounder /	Other	
Free Product					
Purge Method	disnizable	teffon	buile		
Gallons Removed pH		Conductivity icromhos/cm)	Salinity S%	Clear	
Total Gallons Purged  Depth to Groundwater Before	5/2 Sampling (below TOC)				gallons
Sampling Method					
	3 IO ml lite		pint		
who we for a Co	ngultanta	2801 MACARTI	IUR BLVD-OAKL	AND, CA	PLATE
subsurface Co		NUMBER 88.001	DATE	APPROVE	D



# Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

#### ANALYTICAL REPORT

Prepared for:

Subsurface Consultants 171 12th Street Suite 201 Oakland, CA 94608

Date: 28-DEC-93 Lab Job Number: 113580

Project ID: 838.001

Location: A.P.A. Fund

34567891077/2

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Reviewed b

Reviewed by:

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LABORATORY NUMBER: 113580

CLIENT: SUBSURFACE CONSULTANTS

PROJECT ID: 838.001 LOCATION: A.P.A FUND DATE SAMPLED: 12/13/93
DATE RECEIVED: 12/14/93
DATE ANALYZED: 12/23/93
DATE REPORTED: 12/28/93

Total Volatile Hydrocarbons with BTXE in Aqueous Solutions TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE	ID	TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)
113580-001 113580-002	P-2 M-2		100,000 51,000	5,600 2,200	12,000 1,400	2,200 700	14,000 2,600
METHOD BLAN	K		ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

### QA/QC SUMMARY

RPD, %	17			
RECOVERY, %	91			
· 				



LABORATORY NUMBER: 113580

CLIENT: SUBSURFACE CONSULTANTS

PROJECT ID: 838.001 LOCATION: A.P.A FUND DATE SAMPLED: 12/13/93
DATE RECEIVED: 12/14/93
DATE ANALYZED: 12/19/93
DATE REPORTED: 12/28/93

Total Volatile Hydrocarbons with BTXE in Aqueous Solutions TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)
113580-003	M-3	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
METHOD BLAN	К	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

QA/QC SUMMARY

RPD, % 3
RECOVERY, % 107



LABORATORY NUMBER: 113580

CLIENT: SUBSURFACE CONSULTANTS

PROJECT ID: 838.001 LOCATION: A.P.A FUND

DATE SAMPLED: 12/13/93
DATE RECEIVED: 12/14/93
DATE ANALYZED: 12/23/93
DATE REPORTED: 12/28/93

Total Volatile Hydrocarbons with BTXE in Aqueous Solutions TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE	TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	(ug/L)	ETHYL (ug/L)	TOTAL XYLENES (ug/L)			
113580-004	M-4	11,000	2,700	190	90	360 *			
METHOD BLAN	K	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)			

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

QA/QC SUMMARY	
	<u> </u>
RPD, %	2
RECOVERY, %	99

<sup>\*</sup> Presence of this compound confirmed by second column; however, the confirmation concentration differed from the reported result by more than a factor of two.

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JOB NUMBER: APPROJECT CONTAINS SAMPLED BY:	38.001 CT: Maxia			Llia	do	<u>``</u>	)	_ Tl	JRN	ARO	UN	D:	V	10	+ To	1			us				-   -   -								
METHOD METHOD														Щ																	
LABORATORY SAMPLE 1.D. NUMBER NUMBER	MATRIX				CONTAINE				ERS PRES				<u> </u>	SAMPLING DATE						/BT											
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