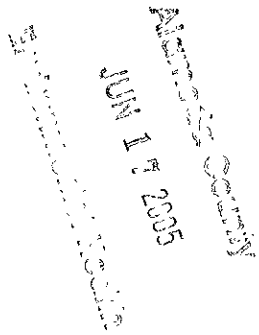
Versar INC.

R020

June 14, 2005

Mr. Fred Schifferle
Vice President
Bank of America, N.A.
Building D
2000 Clayton Road
Concord, California 94520-2425



Reference: Groundwater Monitoring Report May 2005
2585 Nicholson Street in San Leandro, California
ES# 305582
Versar Project No. 104422.4422.005

Dear Mr. Schifferle:

Versar, Inc. (Versar) has prepared this groundwater monitoring report on behalf of Bank of America, N.A. (Bank of America) summarizing work performed at the property located at 2585 Nicholson Street in San Leandro, California (Site). Figures 1 and 2 in Attachment I, present the Site location and Site layout, respectively.

Background

A release of petroleum constituents was discovered at the Site during removal of underground storage tanks (USTs) in 1991. Subsequently, Versar and others have performed an investigation of soils and groundwater beneath the Site, and extensive groundwater monitoring. The results of the groundwater monitoring and data evaluation has determined the constituents identified in groundwater are naturally degrading over time, and pose no risk to Site occupants under an industrial setting.

The Alameda County Health Care Services (ACHCS) is currently considering granting closure for the Site. In the interim, the groundwater monitoring program has been reduced to one well (MW-1) on a semi-annual basis.

May 2005 Results

Monitoring well MW-1 was sampled on May 12, 2005. The methodology and protocol followed for the collection of the groundwater sample during this groundwater sampling event are presented in Attachment IV, Decontamination and Groundwater Monitoring Well Sampling Procedures. A monitoring well purge table documenting field measurements during sampling is presented in Attachment II. The groundwater sample from MW-1 was analyzed for total petroleum hydrocarbons (TPHg) and benzene, toluene, ethylbenzene, and xylenes (BTEX) by

• SACRAMENTO AREA OFFICE •
7844 MADISON AVENUE, SUITE 167 • FAIR OAKS, CA 95628 • TELEPHONE (916) 962-1612 FAX (916) 962-2678

EPA Methods 8015 Modified and 8021, respectively. Laboratory analytical data sheets are included in Attachment III. Current and historic analytical results from all Site monitoring wells are presented in Table 1 of Attachment I.

As shown in Table 1, analytical results from MW-1 in May 2005 are lower than the previous November 2004 results. The November 2004 and May 2005 data suggest that residual concentrations of petroleum are not degrading sufficiently to obtain low risk closure of the site. Versar suggests an application of Oxygen Releasing Compound (ORC) to MW-1 and the adjacent area to expedite closure of the site. If you have any questions, please feel free to call me at (916) 863-9323.

Prepared by:

Tim Berger, P.G.
Program Manager
Southwest Region

Attachment I - Figures and Tables
Attachment II - Monitoring Well Purge Table
Attachment III - Laboratory Analytical Data Reports
Attachment IV - Decontamination and Groundwater Monitoring Well Sampling Procedures

cc: Amir Gholami (Alameda County)
Susan Hugo (Alameda County)
Mike Bakaldin (City of San Leandro)
Donna Proffitt, R.G.

ATTACHMENT I

Figures and Tables

Ref. USGS 7.5 Minute Topographical Quadrangle Maps; San Leandro, Calif. c. 1959 Photorevised *1980*

Dr By: Dale Anderson	
Date: *11/03*	
Scale. 1 inch=2,000 feet	
Versar Project No 4422-001	
Path/File P\BOFA\SANLEAN\REPORT\Fig1	

Versar Inc.
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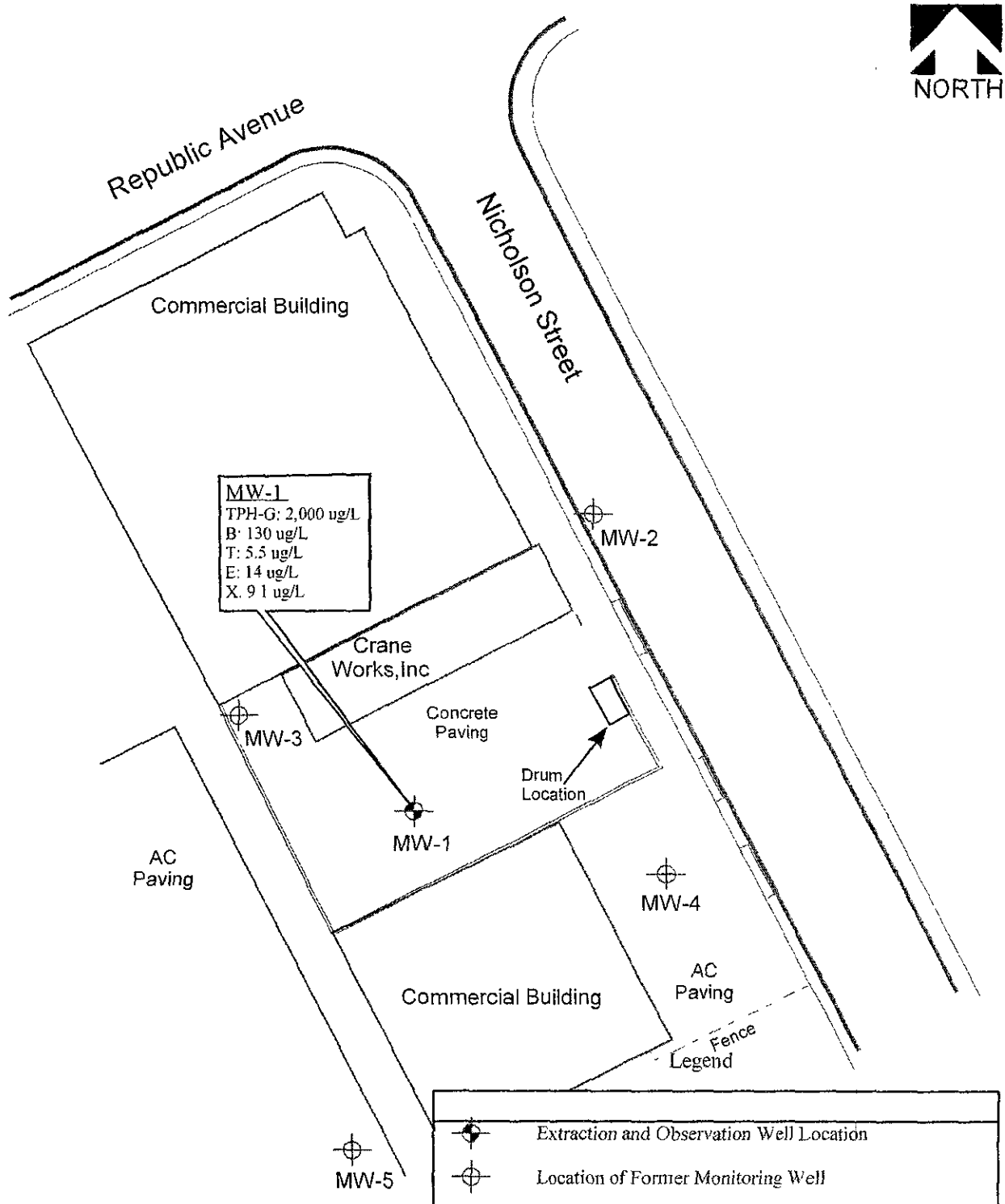
SITE LOCATION

2585 Nicholson Street
San Leandro, California

Figure 1



Dr. By: HACKMAN	
Date: 05/27/2005	
Scale: 1 inch= 60 feet	
Versar Project No. 4422-005	
Path/File P:\BOFA\SanLean\Report \Fig2	

Versar Inc.
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Laboratory Analytical Results For Groundwater Sample May 2005

2585 Nicholson Street
San Leandro, California

Figure 2

Table 1
Analytical Results for Groundwater Samples
2585 Nicholson Street
San Leandro, California

Monitoring Well No	Date	Chemicals of Concern								
		TPH-G (µg/L)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-K (µg/L)	TPH-SS (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
MW-1	Jun-92	10,000	ND	--	--	--	110	81	62	280
	Nov-92	9,800	ND	--	--	--	23	14	22	96
	Apr-93	18,000	560	ND	ND	370	42	47	50	190
	Jul-93	27,000	ND	ND	ND	ND	40	45	63	196
	Dec-93	7,800	3,800	ND	ND	ND	13	16	20	77
	Mar-94	280,000	620	ND	ND	3,300	970	880	620	1,700
	Jun-94	8,500	ND	ND	ND	ND	23	13	8.5	19
	Sep-94	2,400	82	ND	ND	ND	5.3	2.6	2.5	6
	Dec-94	4,800	1300	ND	ND	1,000	32	32	16	50
	Apr-95	74,000	3,700	ND	ND	870	320	350	350	940
	Sep-95	33,000	46,000	ND	ND	4,900	140	270	260	1,100
	May-99	8,100	ND	ND	--	-	1,400	31	82	360
	Jul-99	3,500	1,700	--	--	--	252	23	43	179
	Oct-99	4,900	--	--	--	--	270	34	<5	370
	Jan-00	22,400	<500	--	--	--	1,300	402	483	2,490
	Apr-00	13,000	--	--	--	--	1,130	226	335	1,410
	Jul-00	28,400	<50	<500	--	--	1,470	190	299	967
	Oct-00	12,900	--	--	--	<1,000	1,000	197	353	1,400
	Jan-01	17,800	--	--	--	--	957	146	353	1,060
	Apr-01	13,000	<50	--	--	--	1,200	170	450	1,300
	Oct-01	1,800	--	--	--	--	210	20	47	82
	Apr-02	3,800	--	--	--	--	380	37	80	120
	Jan-03	14,000	--	--	--	--	1,200	130	250	310
	Nov-03	13,000	--	--	--	--	1,900	92	210	190
	Apr-04	9,600	--	--	--	--	1,200	68	410	260
	Nov-04	5,500	--	--	--	--	1,100	28	97	72.8
	May-05	2,000	--	--	--	--	130	5.5	14	9.1
MW-2	Apr-99	ND	ND	ND	--	--	ND	ND	ND	ND
	Jul-99	<100	<100	--	--	--	<1.0	<1.0	<1.0	<1.0
	Oct-99	<100	--	--	--	--	<1.0	<1.0	<1.0	<1.0
	Jan-00	118	--	--	--	--	0.7	<0.5	<0.5	<0.5
	Apr-00	<50	--	--	--	--	0.5	<0.5	<0.5	<0.5
	Jul-00	<400	--	--	--	--	0.8	<0.5	<0.5	<0.5
	Oct-00	<50	--	--	--	--	<0.5	<0.5	<0.5	<1.0
	Jan-01	104	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Apr-01	160	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Oct-01	--	--	--	--	--	--	--	--	--
	Apr-02	--	--	--	--	--	--	--	--	--
	Jan-03	--	--	--	--	--	--	--	--	--
	Nov-03	--	--	--	--	--	--	--	--	--
	Apr-04	--	--	--	--	--	--	--	--	--
	Nov-04	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--
MW-3	Apr-99	ND	540	ND	--	--	ND	ND	ND	ND
	Jul-99	300	<100	--	--	--	<1.0	<1.0	<1.0	<1.0
	Oct-99	230	--	--	--	--	<1.0	<1.0	<1.0	<1.0
	Jan-00	163	<50	--	--	--	0.8	<0.5	<0.5	<0.5
	Apr-00	90	--	--	--	--	0.7	<0.5	<0.5	<0.5
	Jul-00	<400	--	--	--	--	2.0	<0.5	<0.5	<0.5
	Oct-00	<50	--	--	--	--	<0.5	<0.5	<0.5	<1.0
	Jan-01	62	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Apr-01	62	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Oct-01	--	--	--	--	--	--	--	--	--
	Apr-02	--	--	--	--	--	--	--	--	--
	Jan-03	--	--	--	--	--	--	--	--	--
	Nov-03	--	--	--	--	--	--	--	--	--
	Apr-04	--	--	--	--	--	--	--	--	--
	Nov-04	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--
MW-4	Apr-99	110	ND	ND	--	--	ND	ND	ND	ND
	Jul-99	120	<100	--	--	--	<1.0	<1.0	<1.0	<1.0
	Oct-99	<100	--	--	--	--	<1.0	<1.0	<1.0	<1.0
	Jan-00	186	--	--	--	--	0.9	<0.5	<0.5	<0.5
	Apr-00	99	--	--	--	--	1.0	<0.5	<0.5	<0.5
	Jul-00	--	--	--	--	--	--	--	--	--
	Oct-00	139	--	--	--	--	0.6	<0.5	<0.5	<1.0
	Jan-01	85	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Apr-01	130	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Oct-01	--	--	--	--	--	--	--	--	--
	Apr-02	--	--	--	--	--	--	--	--	--
	Jan-03	--	--	--	--	--	--	--	--	--
	Nov-03	--	--	--	--	--	--	--	--	--
	Apr-04	--	--	--	--	--	--	--	--	--
	Nov-04	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--
MW-5	Apr-99	270	ND	ND	--	--	ND	ND	ND	ND
	Jul-99	570	<100	--	--	--	<1.0	<1.0	<1.0	<1.0
	Oct-99	540	--	--	--	--	<1.0	<1.0	<1.0	<1.0
	Jan-00	231	--	--	--	--	1.9	<0.5	<0.5	<0.5
	Apr-00	353	--	--	--	--	3.5	<0.5	<0.5	<0.5
	Jul-00	<400	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Oct-00	156	--	--	--	--	1.0	<0.5	<0.5	<1.0
	Jan-01	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Apr-01	200	--	--	--	--	<0.5	<0.5	<0.5	<0.5
	Oct-01	--	--	--	--	--	--	--	--	--
	Apr-02	--	--	--	--	--	--	--	--	--
	Jan-03	--	--	--	--	--	--	--	--	--
	Nov-03	--	--	--	--	--	--	--	--	--
	Apr-04	--	--	--	--	--	--	--	--	--
	Nov-04	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--

Notes and Abbreviations
TPH G = total petroleum hydrocarbons as gasoline
TPH D = total petroleum hydrocarbons as diesel
TPH-K = total petroleum hydrocarbons as kerosene
TPH-SS = total petroleum hydrocarbons as stoddard solvent
ug/L = micrograms per liter equivalent to parts per billion (ppb)
mg/L = milligrams per liter equivalent to parts per million (ppm)
ND = not detected at or above the methods reporting limit
-- = not analysed

ATTACHMENT II
Monitoring Well Purge Table

Versar Inc	PURGE TABLE	PROJECT NO. 104422.4422.005
SITE NAME: Former BOFA - San Leandro		LOCATION: 2585 Nicholson St, San Leandro, CA 94577
WELL I.D.: MW-1		DATE PURGED: 05/12/2005
PURGED/SAMPLED BY: Scott Hackman		DATE SAMPLED: 05/12/2005
MASTER LOCK NUMBER: NA		TIME SAMPLED: 1110
DEPTH TO BOTTOM (feet): 17.33'		DEPTH TO WATER (feet): 5.27
WATER COLUMN HEIGHT (feet): 12.06		CALCULATED PURGE (gallons): ~~18.1~~ 54.3
CASING VOLUME (gallons): 18.1		ACTUAL PURGE (gallons): 54.5

DEVELOPMENT _____ QUARTERLY X BIANNUAL _____ OTHER _____

SAMPLE TYPE: Groundwater X Surface Water _____ Other _____

CASING DIAMETER:	2"	3"	4"	5"	6"	8"	Other
Casing Volume (gallons per foot):	(0.16)	(0.38)	(0.66)	(1.02)	(1.50)	(2.60)	
					X		

FIELD MEASUREMENTS

VOLUME (gal)	TIME (2400hr)	TEMP (degrees C)	pH (units)	CONDUCTIVITY (mS/cm)	DISOLVED OXYGEN (mg/L)	REDOX (mV)	DTW (feet)
9	1042	16.9	6.29	0.105	10.7	-121	6.08
18	1046	16.6	6.64	0.108	~~10.4~~ 6.8	-98	7.01
27	1051	16.7	6.74	0.109	4.5	-95	7.59
36	1056	16.6	6.79	0.110	4.4	-100	8.06
46	1101	16.6	6.81	0.110	4.1	-110	8.28
54.5	1105	16.5	6.83	0.111	4.0	-115	8.46

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER (feet): 7.68 ANALYSES: TPH-g, BTEX

80% RECHARGE: X YES ___ NO 80% = 7.68 SAMPLE TURBIDITY: 8

ODOR: Yes SAMPLE BOTTLE/PRESERVATIVE: 3 HCL VOAS

PURGING EQUIPMENT

___ Centrifugal Pump
___ Submersible Pump
___ Peristaltic Pump
X Purge Pump
___ Bailer (Teflon)
___ Bailer (PVC or disposable)
___ Bailer (Stainless Steel)

Other: _____

SAMPLING EQUIPMENT

___ Centrifugal Pump
___ Submersible Pump
___ Peristaltic Pump
___ Purge Pump
___ Bailer (Teflon)
X Bailer (PVC or disposable)
___ Bailer (Stainless Steel)

Other: _____

Comments: Slight sheen in well

ATTACHMENT III

Laboratory Analytical Data Reports

Sequoia
Analytical

8719 Striker Ave Ste 8
Sacramento CA 95834
(916) 921-9600
FAX (916) 921-0100
www.sequoialabs.com

26 May, 2005

Scott Hackman
Versar Inc.
7844 Madison Ave., Suite 167
Fair Oaks, CA 95628

RE: BOFA-San Leandro
Work Order: S505268

Enclosed are the results of analyses for samples received by the laboratory on 05/12/05 13:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew
Dept Manager / Client Services Representative

CA ELAP Certificate #1624

Versar INC.

CHAIN OF CUSTODY RECORD

5505268

PROJECT NO.	PROJECT NAME
14422.4422.005	BOFA - San Leandro

SAMPLERS: (Signature) Scott Hackman (Printed) Scott Hackman

FIELD SAMPLE NUMBER	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	PARAMETERS: TPH-G (8015)	PARAMETERS: BTEX (8021)	PARAMETERS	PARAMETERS	PARAMETERS	PARAMETERS	INDUSTRIAL HYGIENE SAMPLE Y	INDUSTRIAL HYGIENE SAMPLE N	REMARKS
MW-1	5-12-2005	1110	W		2585 Nicholson St	7	X	X	-01						5.5°C
QCTB	1		W		1	2	X	X	-02						

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
(Printed) Scott Hackman	5/12/05 1330	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Standard TAT • E-Mail Results to hackmsco@versar.com • Geotracker required	
(Printed)		(Printed)			

Distribution: Original Plus One Accompanies Shipment (white and yellow); Copy to Coordinator Field Files (pink).

Sequoia Analytical

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Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
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Versar Inc. 7844 Madison Ave.. Suite 167 Fair Oaks CA. 95628	Project:BOFA-San Leandro Project Number:104422.4422.005 Project Manager:Scott Hackman	S505268 **Reported:** 05/26/05 17:56

ANALYTICAL REPORT FOR SAMLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	S505268-01	Water	05/12/05 11:10	05/12/05 13:30
QCTB	S505268-02	Water	05/12/05 11:10	05/12/05 13:30

Sequoia Analytical

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Versar Inc.	Project:BOFA-San Leandro	S505268
7844 Madison Ave.. Suite 167	Project Number:104422.4422 005	Reported:
Fair Oaks CA. 95628	Project Manager:Scott Hackman	05/26/05 17:56

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (S505268-01) Water Sampled: 05/12/05 11:10 Received: 05/12/05 13:30									
Gasoline Range Organics (C4-C12)	**2000**	250	ug/l	5	5050256	05/18/05	05/18/05	EPA 8015B/8021B	
Benzene	**130**	2.5	"	"	"	"	"	"	
Toluene	**5.5**	2.5	"	"	"	"	"	"	
Ethylbenzene	**14**	2.5	"	"	"	"	"	"	
Xylenes (total)	**9.1**	2.5	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)		*111 %*	*60-140*		"	"	"	"	
Surrogate: a,a,a-TFT (PID)		*91 %*	*60-140*		"	"	"	"	
QCTB (S505268-02) Water Sampled: 05/12/05 11:10 Received: 05/12/05 13:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5050256	05/18/05	05/18/05	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)		*140 %*	*60-140*		"	"	"	"	
Surrogate: a,a,a-TFT (PID)		*93 %*	*60-140*		"	"	"	"	

Sequoia Analytical

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Versar Inc.	Project:BOFA-San Leandro	S505268
7844 Madison Ave., Suite 167	Project Number:104422.4422.005	Reported:
Fair Oaks CA, 95628	Project Manager:Scott Hackman	05/26/05 17:56

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control
Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5050256 - EPA 5030B (P/T) / EPA 8015B/8021B										
Blank (5050256-BLK1)				Prepared & Analyzed: 05/18/05						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: 4-BFB (FID)	*9.92*		"	*10.0*		*99*	*60-140*			
Surrogate: a,a,a-TFT (PID)	*7.98*		"	*10.0*		*80*	*60-140*			
Laboratory Control Sample (5050256-BS1)				Prepared & Analyzed: 05/18/05						
Benzene	9.20	0.50	ug/l	10.0		92	70-130			
Toluene	9.14	0.50	"	10.0		91	70-130			
Ethylbenzene	9.04	0.50	"	10.0		90	70-130			
Xylenes (total)	27.2	0.50	"	30.0		91	70-130			
Surrogate: 4-BFB (FID)	*11.7*		"	*10.0*		*117*	*60-140*			
Surrogate: a,a,a-TFT (PID)	*8.82*		"	*10.0*		*88*	*60-140*			
Matrix Spike (5050256-MS1)	**Source: S505344-03**			Prepared & Analyzed: 05/18/05						
Benzene	8.34	0.50	ug/l	10.0	ND	83	60-140			
Toluene	8.24	0.50	"	10.0	ND	82	60-140			
Ethylbenzene	8.12	0.50	"	10.0	ND	81	60-140			
Xylenes (total)	24.6	0.50	"	30.0	ND	82	60-140			
Surrogate: 4-BFB (FID)	*11.2*		"	*10.0*		*112*	*60-140*			
Surrogate: a,a,a-TFT (PID)	*7.42*		"	*10.0*		*74*	*60-140*			
Matrix Spike Dup (5050256-MSD1)	**Source: S505344-03**			Prepared & Analyzed: 05/18/05						
Benzene	8.31	0.50	ug/l	10.0	ND	83	60-140	0.4	25	
Toluene	8.17	0.50	"	10.0	ND	82	60-140	0.9	25	
Ethylbenzene	8.02	0.50	"	10.0	ND	80	60-140	1	25	
Xylenes (total)	24.4	0.50	"	30.0	ND	81	60-140	0.8	25	
Surrogate: 4-BFB (FID)	*11.7*		"	*10.0*		*117*	*60-140*			
Surrogate: a,a,a-TFT (PID)	*7.31*		"	*10.0*		*73*	*60-140*			

Sequoia Analytical

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Versar Inc.	Project:BOFA-San Leandro	S505268
7844 Madison Ave.. Suite 167	Project Number:104422.4422.005	**Reported:**
Fair Oaks CA. 95628	Project Manager:Scott Hackman	05/26/05 17:56

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

ATTACHMENT IV

Decontamination and Groundwater Monitoring Well Sampling Procedures

1.0 DECONTAMINATION PROCEDURES

The decontamination procedures for non-dedicated field equipment and well development/purging equipment are given below. These procedures are followed during all field activities.

a. Non-dedicated well development, purging, and sampling equipment is carefully pre-cleaned prior to each use, as follows:

   a. Carefully brush off any loose foreign debris with a soft bristle brush.

   b. Rinse the equipment thoroughly in clean water.

   c. Wash the equipment in a non-phosphate detergent bath.

   d. Rinse thoroughly in clean water.

   e. Rinse thoroughly with deionized water.

   f. Air dry in a dust-free environment.

   g. Store in unused plastic bags or other suitable cover until use.

2. Clean disposable gloves are worn by all field personnel when handling decontaminated equipment.

2.0 COLLECTION OF SAMPLES

2.1 Groundwater Sampling

Groundwater samples are collected for laboratory analysis using the procedures given below.

1. Open the well and measure the organic vapor concentration with a flame-ionization detector (FID) or photoionization detector (PID).

2. Measure the water levels (if any) in the well using a decontaminated measuring device. All measurements must be made to the nearest 0.01 foot, and measured relative to the top of the casing. Record the depth of the water in the field notebook.

3. Inspect the disposable bailer to ensure that the bottom valve assembly is working correctly.

4. Begin purging the well by inserting a bailer into the PVC monitoring well casing and carefully lower it into the well. Take care to avoid agitating and aerating the fluid column in the well.

5. Slowly withdraw the bailer and transfer the water samples to a sampling containers.

6. Measure the temperature, pH, conductivity, and turbidity. Record these and all subsequent measurements in the field notebook.

7. Continue purging the well (a minimum of three well volumes) until the temperature, pH, conductivity, and turbidity have stabilized, or the well is dry.

8. When the water has recovered to 80 percent of the original level, carefully lower a new disposable bailer into the well and recover groundwater samples.

9. Fill the appropriate sample containers by releasing water from the bailer via the bottom emptying device with a minimum of agitation. The most volatile parameters are collected first, proceeding to the least volatile parameters.

10. Place the purge water in a DOT-approved 55-gallon drums.

3.0 ANALYSIS OF SAMPLES

Samples are submitted to a California state-certified laboratory for analysis.

4.0 SAMPLE HANDLING

4.1 Sample Containers, Preservation, and Holding Times

All samples are collected, placed in containers, preserved, and analyzed within the time constraints with applicable local, provincial, and federal procedures. All sample containers are precleaned in accordance with prescribed EPA methods. A custody seal is placed around all sample container lids to prevent leaks and unauthorized tampering with individual samples following collection and prior to the time of analysis.

4.2 Sample Tracking and Management

All samples are tracked using a standard chain-of-custody form. The chain of custody record includes the following information:

1. Sample number
2. Signature of collector
3. Date and time of collection
4. Sample collection location
5. Sample type
6. Signature of persons involved in the chain-of-possession
7. Inclusive dates of possession
8. Analytical parameters
9. Pertinent field observations

The custody record is completed using waterproof ink. Corrections are made by drawing a line through, initialing the error, and then entering the correct information.

Custody of the samples begins at the time of sample collection and are maintained by the sampling team supervisor until samples are relinquished for shipment to the laboratory, or until samples are hand-delivered to the designated laboratory sample custodian. Partial sample sets being accumulated for hand-delivery to the laboratory are stored in coolers with chain-of-custody records sealed in plastic bags and placed in the cooler with the sample sets.