THIRD QUARTER 2006 GROUNDWATER MONITORING REPORT

PALACE GARAGE 14336 WASHINGTON AVENUE SAN LEANDRO, CALIFORNIA

prepared for

Kerry & Associates
151 Callan Avenue, Suite 300

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prepared by

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> October 27, 2006 575-6G018

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October 30, 2006

Alameda County

Alameda County

Emilionmental Health

Mr. Scott Seery Alameda County Health Care Services Agency 1131 Harbor Bay Parkway Alameda, CA 94502-6577

RE:

Third Quarter 2006 Monitoring Report

Palace Garage

14336 Washington Avenue San Leandro, California PSI Project No.: 575-6G018

Dear Mr. Seery:

Professional Service Industries, Inc. (PSI) is pleased to submit the Third Quarter 2006 Groundwater Monitoring Report for the above referenced site. PSI refers you to the report for details.

If you have any questions regarding this report or any aspect of the project, please do not hesitate to call.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Frank R. Poss

Senior Technical Professional

CC:

Mr. Jeff Kerry, Kerry & Associates

Mr. Chuck Headlee, RWQCB

STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION

The information provided in this Site Investigation prepared by PSI, Project Number 575-6G018, is intended exclusively for Kerry & Associates for the evaluation of groundwater contamination as it pertains to the subject property in San Leandro, California at the time the activities were conducted. The professional services provided have been performed in accordance with practices generally accepted by other environmental professionals, geologists, hydrologists, hydrogeologists, engineers, and environmental scientists practicing in this field. No other warranty, either expressed or implied, is made. As with all subsurface soil and groundwater sampling, there is no guarantee that the work conducted has identified any and all sources or locations of petroleum hydrocarbons or hazardous substances or chemicals in the soil or groundwater.

This report is issued with the understanding that Kerry & Associates is responsible for ensuring that the information contained in this report is brought to the attention of the appropriate regulatory agency. This report has been reviewed by a geologist who is registered in the State of California and whose signature and license number appear below.

Professional Service Industries, Inc.

Frank R. Poss, R.E.A. Senior Hydrogeologist

Brand Burfield, P.G. 6986 Project Geologist

1.0 INTRODUCTION

This report summarizes the results of the Third Quarter 2006 groundwater monitoring activities conducted on September 22, 2006 at 14336 Washington Avenue, in San Leandro, California (site; Figure 1).

1.1 Site Background

PSI has reviewed information provided by Kerry & Associates and understands that a 550-gallon gasoline underground storage tank (UST) was removed from the site in 1991. Subsequent investigations included the installation of 3 monitoring wells and the drilling of 15 borings. Based on data obtained from the wells and borings, impacted unsaturated-zone soil is confined to the area of the former dispenser pad and UST. The groundwater flow direction appears to be toward the southwest. Historically, concentrations of Total Petroleum Hydrocarbons as Gasoline (TPH-G) at the site have been detected as high as 52 milligrams per liter (mg/l) with benzene concentrations as high as 1.9 mg/l.

In December 2002, PSI conducted a soil and groundwater investigation to help define the lateral extent of petroleum hydrocarbons in the soil and groundwater at the site. Borings B-16 and B-17 were advanced to between 20 and 24 feet below ground surface. Boring B-16 was converted into monitoring well MW-4. Concentrations of TPH-G and gasoline-related contaminants were detected only in soil from boring B-17 and groundwater from wells MW-1 and MW-2. The locations of the monitoring wells are presented in Figure 2.

2.0 GROUNDWATER MONITORING ACTIVITIES

2.1 Groundwater Elevation and Hydraulic Gradient

On September 22, 2006, the depth to groundwater was measured in each of the four existing groundwater monitoring wells at the project site. The groundwater depths were measured using a groundwater probe to an accuracy of 0.01 foot. The groundwater measurements were converted to groundwater elevation data using the surveyed top-of-casing elevations (see Table 1). The groundwater flow direction was estimated to be toward the southwest with a hydraulic gradient of 0.004. A groundwater contour map is presented as Figure 2.

2.2 Groundwater Sampling

On September 22, 2006, groundwater samples were collected from monitoring wells MW-1 through MW-4 at the project site. Prior to the collection of groundwater samples, the monitoring wells were purged of approximately three well volumes of water until pH, conductivity, and temperature stabilized. If purged dry, the wells were allowed to recover to at least 80 percent of their original static groundwater levels or two hours were allowed to pass prior to sampling. Purge logs are presented in Appendix A.

The following procedures for well monitoring, well purging, and water sampling were implemented while sampling the wells:

- 1. All non-dedicated equipment was washed prior to entering the well with an Alconox solution, followed by a deionized water rinse.
- 2. Prior to purging the wells, depth to water was measured using a groundwater interface probe to an accuracy of 0.01 foot. The measurements were made to the top of the well casing on the north side.
- The monitoring wells were purged of approximately three well volumes of water until pH, conductivity, and temperature stabilized. The wells were purged with a single-use dedicated bailer.
- 4. Water samples were collected with the, single-use disposable bailer after the well had been purged. The water collected was immediately decanted into laboratorysupplied vials and bottles. The containers were overfilled, capped, labeled, and placed in a chilled cooler prior to delivery at the laboratory for analysis.
- 5. Chain-of-custody procedures, including chain-of-custody forms, were used to document water sample handling and transport from collection to delivery at the laboratory for analyses.
- 6. Groundwater samples were delivered to the State-certified environmental laboratory within 24-hours of collection.

7. Purged water was contained in a DOT approved 55-gallon drum. The drum was labeled with the contents, date, well number, client name, and project number.

2.3 Laboratory Analysis Results, and Discussion

Four groundwater samples were submitted for analyses to Sunstar Laboratories of Tustin, California, a State of California certified environmental analytical laboratory. The samples from MW-1 through MW-4 were analyzed for the following:

- Total Petroleum Hydrocarbons as Gasoline (TPH-G) using EPA Method 8015M
- Volatile Organic Compounds (VOCs) using EPA Method 8260 B

The following are the results of the groundwater analysis:

• TPH-G was detected in MW-1 (48,000 μ g/L) and in MW-2 (1,800 μ g/L). TPH-G was not detected at or above the laboratory reporting limit in either of the other water samples.

Numerous constituents of gasoline (BTEX, n-butylbenzene, isopropylbenzene, etc) were detected in the groundwater samples from MW-1 and MW-2. The following constituents had concentrations greater than their San Francisco Bay Area Regional Water Quality Control Board Environmental Screening Level (ESL) for drinking water in a commercial or industrial setting:

- Benzene (MW-1 at 870 ug/l, MW-2 at 53 ug/l) (ESL of 1 ug/l)
- Toluene (MW-1 at 720 ug/l) (ESL of 40 ug/l)
- Ethylbenzene (MW-1 at 2,200 ug/l) (ESL of 30 ug/l)
- Total Xylenes (MW-1 at 9,700 ug/l) (ESL of 20 ug/l)
- Trichloroethene (MW-3 at 17 ug/l) (ESL of 5 ug/l)
- Naphthalene (MW-1 at 560 ug/l, MW-2 at 180 ug/l) (ESL of 17 ug/l)

A summary of the laboratory results for the groundwater samples is presented in Table 1. Copies of the laboratory reports and chain of custody records are presented in Appendix B.

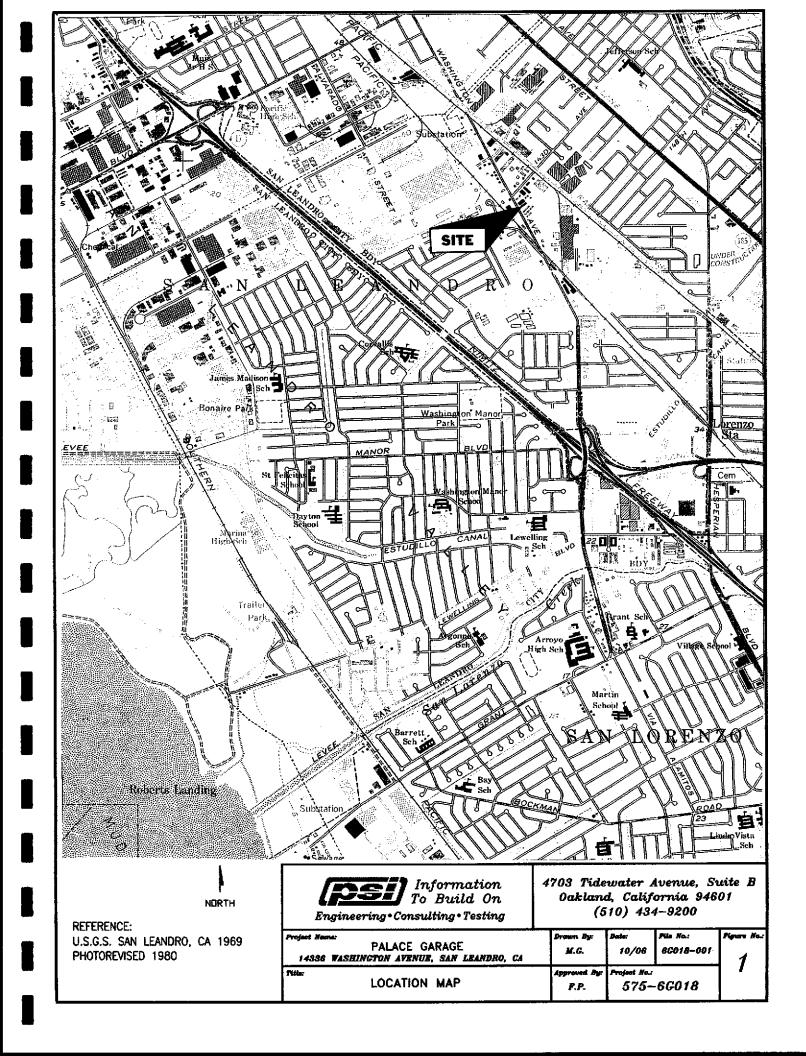
3.0 SUMMARY AND CONCLUSIONS

PSI performed groundwater-monitoring activities on September 22, 2006. The results of the monitoring event are summarized below.

- TPH-G was detected in monitoring wells MW-1 and MW-2.
- Several gasoline related VOCs were detected in MW-1 and MW-2. VOCs were not detected in any of the other water samples with the exception of Trichloroethene in MW-3.

4.0 RECOMMENDATIONS

PSI recommends that quarterly groundwater sampling continue until closure is attained. PSI also recommends that after the next quarterly groundwater monitoring event is completed, a meeting be set up with the Alameda County Environmental Health Department to discuss closure criteria.



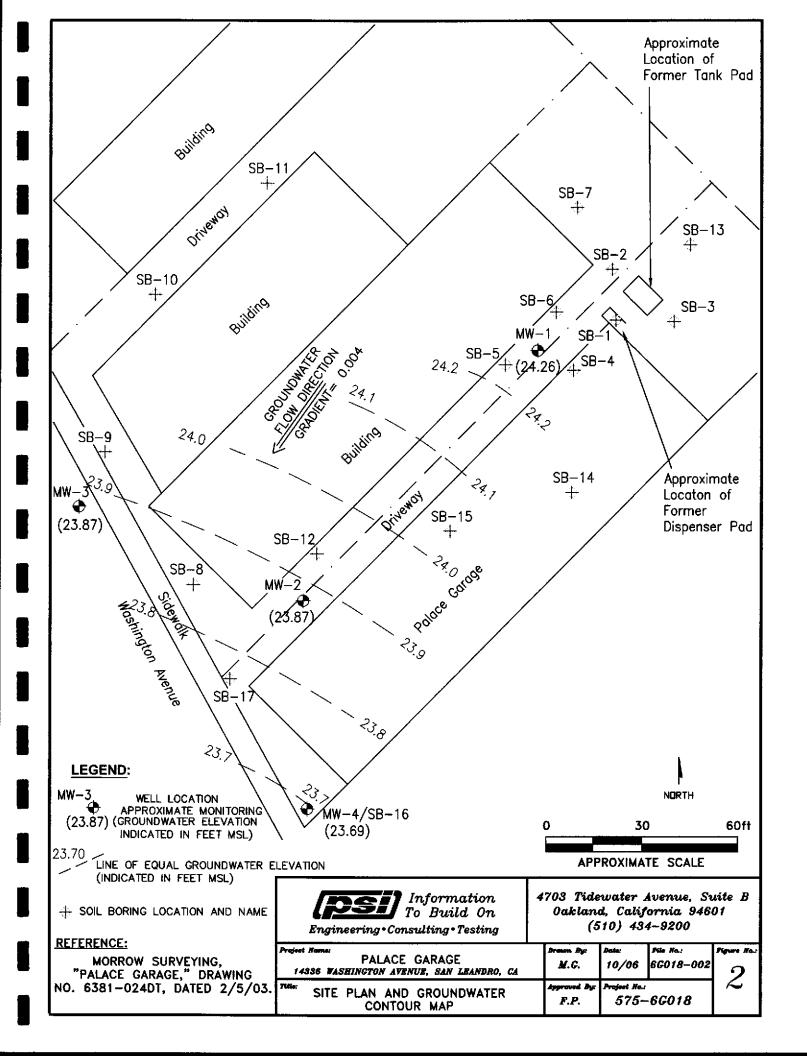


TABLE 1

ANALYTICAL RESULTS: GROUNDWATER PALACE GARAGE 14336 WASHINGTON AVENUE SAN LEANDRO, CALIFORNIA

Sample LID.	Date	TOC Elevation (feet msl)*	Depth To Groundwater	Groundwater Elevation (feet msi)*	TPH-G	MISE	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-1	12/31/2002	37.59	13.62	23.97	48,000 (*4800)	<0.5	1,030	2,380	1,690	9,220
	9/22/2006	37.59	13.33	24.26	44,000	<1.0	870	720	2,200	9,700
MW-2	12/31/2002	37.12	13.38	23.74	1,670	<0.5	1,030	11	23.1	16,4
	9/22/2006	37.12	13.25	23.87	1,800	<1.0	53	1.4	14	7.5
MW-3	12/31/2002	37.01	13.29	23.72	<50	<0.5	<0.5	<0.5	<0.5	<1.0
	9/22/2006	37.01	13.14	23.87	<50	<1.0	<0.5	<0.5	<0.5	<1.5
MW-4	12/31/2002	37.09	13.45	23.64	<50	<0.5	<0.5	<0.5	<0.5	<1.0
	9/22/2006	37.09	13.40	23.69	<50	<1.0	<0.5	<0.5	<0.5	<1.5

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline

MTBE = Methyl Tertiary Butyl Ether

^{*} Reported laboratory result of 4,800 ug/l appears to have been incorrect, based on BTEX concentrations and subsequent test result <0.5 = Concentration below indicated detection limit

FLUID MEASUREMENT FIELD DATA

							SHEET: /	OF /
DATE: 9/2	12/06	PROJECT NAME:	Pala	ce Gora	ge	PROJECT NO:	575-66	ं डि
WATER LEVEL N	MEASUREMENT IN	STRUMENT:	Solinst		J	SERIAL NO:		
PRODUCT DETE	CTION INSTRUME	NT:				SERIAL NO:		
EQUIP, DECON:	☐ ALCONOX	(WASH DIS	T/DEION 1 RINSE	SOPROPANOL	. ANALYTE	FREE FINAL RINSE	TAP WATER F	NAL RINSE
☐ TAP WA	TER WASH] LIQUINOX WASH	DIST/DEIG	ON 2 RINSE	OTHER SOLVENT	☐ DIST/DEION	FINAL RINSE	☐ AIR DRY
WELL NUMBER	GROUND SURFACE ELEVATION	TOP OF CASING ELEVATION	DEPTH TO PRODUCT BELOW TOC	DEPTH TO WATER BELOW TOC	WELL DEPTH BELOW TOC.	PRODUCT THICKNESS	WATER TABLE ELEVATION	ACTUAL TIME
MW-1				13.33	24:00			12:35
MW-2	1			13.25	24.00			12:30
MW-3				13.14	24.00			12:25
MW-2 MW-3 MW-4				13.40	22.50			12:20
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DATE: 🦪	144/16	PROJECT	NAME:	Palaz	9. 7%	read.			16-013
WEATHER	R CONDITIO	DNS:	· · · · · · · · · · · · · · · · · · ·	and the second second	<u> </u>			<u>(#</u>	
WELL DIA	METER (IN	.)	1	2	<u> </u>	☐ 6	OTHER		
SAMPLE T	TYPE: [GROUND	OWATER	WASTE	WATER	SURF	ACE WATER	₹ 🔲 (OTHER
WELL DEF	-π (πος)		24	FT.	DEPTH :	TO WATER	BEFORE P	URGING	(ποc)/ <u>(3</u> .33) F
LENGTH (OF WATER		10,63	2FT.		•	WELL VOL		~/. 🤉 GA
PURGING	DEVICE:					ATED 💆	DISPOSA	SLE 🗆 (DECONTAMINATED
SAMPLING	G DEVICE:	-		4		ATED D	DISPOSA	BLE []	DECONTAMINATED
EQUIP. DE			P WATER W			ISOPROPA			FREE FINAL RINSE
	CONOX WA QUINOX WA	•		ION 1 RINSE					ON FINAL RINSE
	ER PRESE			ION 2 RINSE			R FINAL RIN	ISE L	AIR DRY
			SERIAL NO	PRESERVED) []FIELD	PRESERV	ED	·	
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ACTUAL	CUMUL	TEMP	SPEC:FIC	ρΗ	DISS.	TURBIDITY	WATER		REMARKS
TIME (MIN)	VOLUME PURGED	ា លំ ៕	ССИВИСТ.		OXYGEN	(NTUs)	APPEAR CL=CLEAR	(EVIDE	INT ODOR, COLOR, 710)
	(GAL)	-					CO=CLOUDY TU=TURBIO		
12:55	INITIAL	192	8742	7.39			C2		
2:51	2	18.5	871.0	9.43			CC		
13:03	4	8.	888.5	7.40			CL	oder	,
13:05	6	179	874.1	9.41			CL		
_									
DEPTHI	O WATER	AFTER PU	JRGING (TO	)C)	FT.	SAMPLE	FILTERED	YES	☐ NO SIZE
NOTES:				· · · · · · · · · · · · · · · · · · ·	SAMPLE	TIME:	3:05	. U	# MW-1
					DUPLICA	TE 🗆	TIME:	10	#:
					EQUIP. 8	LANK: 🔲	TIME:	IC	#:
					PREPAR	FD BY:			

¹ A 1 FOOT LENGTH OF WATER = 0.05 GAL IN 1° DIA, PIPE 0.17 GAL IN 2° DIA PIPE 0.55 GAL IN 4° DIA PIPE 1.5 GAL IN 6° DIA PIPE

							WELLN		
<del></del>	199/06		NAME:	Pala	<u>a</u> 5	orage.	PROJEC	TNO: 66-018	
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SAMPLE	TYPE: [	GROUN	DWATER	☐ WAST	EWATER	SUR	FACE WATE	R OTHER	
METT DE	РТН (ТОС)		<u> </u>	FT.	DEPTH:	TO WATER	BEFORE F	PURGING (TOC) /3	A FT.
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SAMPLIN	G DEVICE:	·		•		ATED []	DISPOSA	BLE DECONTAM	IINATED
	CONOX WA QUINOX WA ER PRESE	ASH ASH RVATION	DIST/DE	ION 1 RINSE ION 2 RINSE PRESERVED		TAP WATE	R FINAL RI	ANALYTE FREE FINAL	
`		MODEL &	SERIAL NO	);					
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13:20	INITIAL	18.2	1049	7.28			Co		
13.24	~2	15.	1043	9.27			CL		
13,27	4	152	1023	9-28			1.04	5/24 odor	
13,29	6	8.0	1014	7.24			CL	, d	
		-							
DEPTHT	O WATER	AFTER PL	IRGING (TO	)C)	FT.	SAMPLE	FILTERED	YES NO SE	ZE
NOTES:					SAMPLE	TIME:	3/3 <u>B</u>	10# // tu/	-3
ŀ					DUPLICA	re 🗆	TIME:	ID#:	
					EQUIP. BI	ANK: 🗆	TIME:	ID#:	
					PREPARE	D BY:	R		-

¹ A 1 FOOT LENGTH OF WATER = 0.05 GAL IN 1º DIA, PIPE 0.17 GAL IN 2º DIA PIPE 0.65 GAL IN 4º DIA PIPE 1.5 GAL IN 6º DIA PIPE

URGING DEVICE:    DEDICATED   DISPOSABLE   DECONTAMINATED		, , , , , , , , ,		₩ ₩ 1 \ 11   .	ے اسے حا∓ال سے!	ترسيه الرسيت				
EATHER CONDITIONS:  ELL DIAMETER (IN.)								WELL NO	): 734 i	2-3
ELL DIAMETER (IN.)	DATE: 🖣	122/05	PROJECT	NAME:	Date		ersei S	PROJEC	TNO: 🂪	5.018
AMPLE TYPE:	WEATHER	R CONDITION	ONS:		· · · · · · · · · · · · · · · · · · ·		٨		- dual .	r 1-7
ELL DEPTH (TOC)  FT. DEPTH TO WATER SEFORE PURGING (TOC)  FT. CALCULATED ONE WELL VOLUME:  GRAPH OF WATER  DEDICATED  DEDICATED  DISPOSABLE  DECONTAMINATED  DECON.  TAP WATER WASH  DISTOBION 1 RINSE  LIQUIP. DECON.  TAP WATER WASH  DISTOBION 1 RINSE  LIQUINOX WASH  DISTOBION 1 RINSE  LIQUINOX WASH  DISTOBION 2 RINSE  TAP WATER FINAL RINSE  ARD DECON.  TAP WATER FINAL RINSE  LIQUINOX WASH  DISTOBION 2 RINSE  TAP WATER FINAL RINSE  ARD DECON.  TAP WATER FINAL RINSE  ARD DECON.  TAP WATER FINAL RINSE  ARD DECON.  ARTUAL  COMMUL.  TEMP  VOLUME  TEMP  VOLUME  TIME  VOLUME  GRAD  VOLUME  TIME  VOLUME  GRAD  TAPPEAR  (EVIDENT COCR. COLOR, PC)  TUSTURBED  TUSTURBED  TOCAL  TOCAL  TOCAL  TOCAL  DEPTH TO WATER AFTER PURGING (TOC)  FT. SAMPLE FILTERED  TIME:  DUPLICATE  TIME:  DISTOBION 3 SIZE  DUPLICATE  TIME:  DISTOBION TAMINATED  TOCAL  TIME:  DISTOBION TAMINATED  TOCAL  TOCAL  TOCAL  TOCAL  TIME:  DISTOBION TAMINATED  TOCAL  TOCAL  TOCAL  TIME:  DISTOBION TAMINATED  TOCAL  TOCAL  TOCAL  TIME:  DISTOBION TAMINATED  TOCAL  TOCAL  TOCAL  TIME:  DISTOBION TAMINATED  TOCAL  T	WELL DIA	METER (IN	.)	1	<u> </u>	4	☐ 6	OTHER		
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OTES: SAMPLETIME: 13:56 ID# MW-3  DUPLICATE TIME: ID#:										
DUPLICATE TIME: ID#:	DEPTH T	O WATER	AFTER P	JRGING (T	DC)	FT.	SAMPLE	FILTERED	YES [	NO SIZE
	NOTES:					SAMPLE	TIME:	13156	ID#	MW-3
EQUIP. BLANK: TIME: ID#:						DUPLICA	TE 🗆	TIME:	ID#:	
						EQUIP. B	LANK: 🗆	TIME:	ID#:	

PREPARED BY:

¹ A 1 FOOT LENGTH OF WATER = 0.05 GAL IN 1° DIA, PIPE 0.17 GAL IN 2° DIA PIPE 0.55 GAL IN 4° DIA PIPE 1.5 GAL IN 5° DIA PIPE

MILLIPPE THE CHIPPE CHIPPE WELL NO: All In second Light DATE: " / /AC / PROJECT NAME: PROJECT NO: WEATHER CONDITIONS: WELL DIAMETER (IN.) 6 OTHER SAMPLE TYPE: **⊠GROUNDWATER**  ₩ASTEWATER SURFACE WATER OTHER WELL DEPTH (TOC) DEPTH TO WATER BEFORE PURGING (TOC) LENGTH OF WATER CALCULATED ONE WELL VOLUME1: la ☐ DISPOSABLE ☐ DECONTAMINATED PURGING DEVICE: M DEDICATED □ SAMPLING DEVICE: 図DEDICATED ☐ DISPOSABLE ☐ DECONTAMINATED EQUIP. DECON. TAP WATER WASH ISOPROPANOL ANALYTE FREE FINAL RINSE ALCONOX WASH DIST/DEION 1 RINSE OTHER SOLVENT DIST/DEION FINAL RINSE LIQUINOX WASH DIST/DEION 2 RINSE TAP WATER FINAL RINSE AIR DRY CONTAINER PRESERVATION: 🛛 LAB PRESERVED 🗌 FIELD PRESERVED WATER ANALYZER MODEL & SERIAL NO: ACTUAL CUMUL TEMP SPECIFIC TURBIDITY WATER DISS. REMARKS ρH VOLUME ☐ °F TIME CONDUCT. OXYGEN (NTUs) APPEAR (EVIDENT ODOR, COLOR, PID) PURGED **₫**0°c (MIM) CL=CLEAR (GAL) CO=CLOUDY TU=TURBID INITIAL FT. SAMPLE FILTERED YES NO SIZE DEPTH TO WATER AFTER PURGING (TOC) [●] ID# SAMPLE TIME: NOTES: ID#: TIME: DUPLICATE 🔲 10#:

1 A 1 FOOT LENGTH OF WATER = 0.05 GAL IN 1º DIA, PIPE 0.17 GAL IN 2º DIA PIPE 0.55 GAL IN 4º DIA PIPE 1.5 GAL IN 6º DIA PIPE

EQUIP. BLANK: 🔲

PREPARED BY:

TIME:



# SunStar Laboratories, Inc.

03 October 2006

Frank Poss

PSI -- Oakland

4703 Tidewater Ave Ste B

Oakland, CA 94601

RE: Palace Garage

Enclosed are the results of analyses for samples received by the laboratory on 09/23/06 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler

Laboratory Director

John J. Shi

Project: Palace Garage Project Number: 575-6G018 Project Manager: Frank Poss

Reported: 10/03/06 14:48

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T601319-01	Water	09/22/06 13:05	09/23/06 09:00
MW-2	T601319-02	Water	09/22/06 13:32	09/23/06 09:00
MW-3	T601319-03	Water	09/22/06 13:56	09/23/06 09:00
MW-4	T601319-04	Water	09/22/06 14:30	09/23/06 09:00

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: Palace Garage Project Number: 575-6G018

Project Number: 5/3-6G018
Project Manager: Frank Poss

Reported: 10/03/06 14:48

#### MW-1 T601319-01 (Water)

	<b>.</b> .	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	S	SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015m								
C6-C12 (GRO)	44000	2500	ug/l	50	6092651	09/26/06	09/28/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		92.6 %	65-	-135	"	"	"	n	
Volatile Organic Compounds by I	EPA Method 8260f	3							
Bromobenzene	ND	1.0	ug/l	l	6092523	09/25/06	10/02/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	u	4	"			
Bromodichloromethane	ND	1.0	11	**	p.	0.	4	b	
Bromoform	ND	1.0	11	н	q	0	n	IF.	
Bromomethane	ND	1.0	"	n	· ·	0	u	ir.	
n-Butylbenzene	81	1.0	п		u	41	9	п	
sec-Butylbenzene	13	1.0	н	IJ	u u	•1	H	п	
tert-Butylbenzene	ND	1.0	н	n	p	П	p)	ıl	
Carbon tetrachloride	ND	0.50	n	,,		0	н	п	
Chlorobenzene	ND	1.0	н	р	0	b	n	п	
Chloroethane	ND	1.0	n	16	D	II.	m	ч	
Chloroform	ND	1.0	11	is.	U	ŋ	h	il	
Chloromethane	ND	1.0	n	×	p.	11	н		
2-Chlorotoluene	ND	1.0	"	n	n	ır	н	ч	
1-Chlorotoluene	ND	1.0	"	r•	19	q	H	н	
Dibromochloromethane	ND	1.0	n	п	0	Ш	н	11	
1,2-Dibromo-3-chloropropane	ND	1.0	"	IF.	D	il.	"	41	
1,2-Dibromoethane (EDB)	ND	1.0	11	,,	11	п	ы	н	
Dibromomethane	ND	1.0	"	9	0	if	16	ч	
1,2-Dichlorobenzene	ND	1.0	11	ir	11	ч	IF.	ч	
1,3-Dichlorobenzene	ND	1.0	11	18	9	11	11	я	
l,4-Dichlorobenzene	ND	1.0	11	ps.	11	11	u	*	
Dichlorodifluoromethane	ND	0.50		10	n n	11	II.	н	
I,I-Dichloroethane	ND	1.0	n	0	if	ч	h	п	
I,2-Dichloroethane	ND	0.50	n	0	0	11	ır	n	
I,1-Dichloroethene	ND	1.0	n	17	11	ч	p	н	
cis-1,2-Dichloroethene	ND	1.0	н	**	9	41	"	,	
rans-1,2-Dichloroethene	ND	1.0	•	п	a)	.,	п	н	
I,2-Dichloropropane	ND	1.0	17	17	n .	31	ш	a	
i,3-Dichloropropane	ND	1.0	H	11	н	ч	q		
2,2-Dichloropropane	ND	0.1	11	Tr.	11	н	n n	16	
1,1-Dichloropropene	ND	1.0	11	iii	n	q	ш	D.	
cis-1,3-Dichloropropene	ND	0.50	D	it	41	a	п	9	
trans-1,3-Dichloropropene	ND	0.50	o		11	9	n n	μ	
Hexachlorobutadiene	ND	1.0	18	9		u	9		
Isopropylbenzene	73	1.0	11	9		47	1	•	
p-Isopropyitoluene	5.2	1.0	*1	า		ti.	.4	17	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: Palace Garage
Project Number: 575-6G018
Project Manager: Frank Poss

Reported: 10/03/06 14:48

#### MW-1 T601319-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.		· · · · · · · · · · · · · · · · · · ·			
Volatile Organic Compounds by	EPA Method 8260	В							
Methylene chloride	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B	
Naphthalene	560	5.0	н	5	n	ti.	10/02/06	и	
n-Propylbenzene	180	1.0	n	1	ч	п	10/02/06	n	
Styrene	ND	1.0	11	r	n		q	P	
1,1,2,2-Tetrachloroethane	ND	1.0	н	р	u	ř.	•1	1e	
I, I, 1,2-Tetrachloroethane	ND	1.0	**	le .	ut	n	11	III:	
Tetrachloroethene	ND	1.0	79	U	u	r	•1	lr.	
1,2,3-Trichlorobenzene	ND	0.1	10	ų	II.	H	#1	rr ·	
1,2,4-Trichlorobenzene	ND	1.0	IF.	"	IJ	μ	11	ц	
1,1,2-Trichloroethane	ND	1.0	tt.	ш	9	П	м	ш	
1,1,1-Trichloroethane	ND	1.0	11	ч	n	11	u u	44	
Trichloroethene	ND	1.0	11	ч	"	ч	p.	н	
Trichlorofluoromethane	ND	1.0	10	ш	ø	ıt	or .	ч	
1,2,3-Trichloropropane	ND	1.0	p	ч	11	н	ıt.	of .	
1,3,5-Trimethylbenzene	1700	5.0	н	5	n n	9	10/02/06		
1,2,4-Trimethylbenzene	1800	5.0	"	ч	n .	н	n n		
Vinyl chloride	NĐ	0.50	н	i	l†	4	10/02/06	ш	
Benzene	870	2.5	**	5	u	0	10/02/06	11	
Toluene	720	2.5	77	4	"	18	4	II .	
Ethylbenzene	2200	2.5	Li.	4		p.	4	U	
m,p-Xylene	6800	50	11	50		II	10/02/06	D.	
o-Xylene	2900	25	11	7	п	rr .	и	i)	
Tert-amyl methyl ether	ND	2.0	ř.	1	п	н	10/02/06	11	
Tert-butyl alcohol	ND	10	17	ч	n	п	4	1)	
Di-isopropyl ether	ND	2.0	17	7	n	,	ч	n	
Ethyl tert-butyl ether	ND	2.0	11	ч	п	19	13	21	
Methyl tert-butyl ether	ND	1.0	11	ıı	н	st	13	16	
Surrogate: Toluene-d8		101 %	88.8	R-117	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	83.5	-119	"	"	n	•	
Surrogate: Dibromofluoromethane		108 %	81.1	-136	n	ji .	ü	n	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John of Style-

Project Number: 575-6G018 Project Manager: Frank Poss

Reported: 10/03/06 14:48

#### MW-2 T601319-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.		· · · · · ·			
Purgeable Petroleum Hydrocarbo	ons by EPA 8015	m							
C6-C12 (GRO)	1800	50	ug/l	1	6092651	09/26/06	09/28/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		94.6 %		135	"	"	"	a	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B	
Bromochloromethane	ND	1.0	n	п	81	11	0	п	
Bromodichloromethane	ND	1.0	14		n		μ	q	
Bromoform	ND	1.0	11	п	4	a	В	ч	
Bromomethane	ND	1.0	rı		n	11	13	н	
n-Butylbenzene	35	1.0	11		p	"	"	**	
sec-Butylbenzene	4.0	1.0	11	u	,,	17	"	u	
tert-Butylbenzene	ND	1.0	0	9	ū	я	п	4	
Carbon tetrachloride	ND	0.50	11	п	*	п	11	4	
Chlorobenzene	ND	1.0	11		•		r	4	
Chloroethane	ND	1.0	•	•	н	"	п	м	
Chloroform	ND	1.0	11	:1	n		n	9	
Chloromethane	ND	1.0	0	ч	įs	9	11	м	
2-Chlorotoluene	ND	1.0	ts	"	и		11	н	
4-Chlorotoluene	ND	1.0	"		r	11	11	ч	
Dibromochloromethane	ND	1.0	"	п	n	- 4	0	n	
1,2-Dibromo-3-chloropropane	ND	1.0	D	4	н	0	· r	п	
1,2-Dibromoethane (EDB)	ND	1.0	11	.,	и	9	ĮI	ц	
Dibromomethane	ND	1.0	0.	n.		и	п	и	
1,2-Dichlorobenzene	ND	1.0	11	н	r		п	н	
1,3-Dichlorobenzene	ND	1.0	n	ч	н	и	þ	ц	
1,4-Dichlorobenzene	ND	1.0	†1	4	H	11	ч	п	
Dichlorodifluoromethane	ND	0.50	"	4	н	п	P	и	
1,1-Dichloroethane	ND	1.0	н	,ı	*1		11	п	
1,2-Dichloroethane	ND	0.50	**	н		a	п	п	
1,1-Dichloroethene	ND	1.0	**	п	n	n n	н	н	
cis-1,2-Dichloroethene	ND	1.0	13	ą	n	н	19	п	
trans-1,2-Dichloroethene	ND	1.0			"		11	ч	
1,2-Dichloropropane	ND	1.0	"	-			μ	н	
1,3-Dichloropropane	ND	1.0	н	a	п	и	n	n .	
2,2-Dichloropropane	ND	1.0	н	-1	н	4	"	щ	
1,1-Dichloropropene	ND	1.0	11	u u	"		ь	ч	
cis-1,3-Dichloropropene	ND	0.50		4	H	и	п	n	
trans-1,3-Dichloropropene	ND	0.50	"	1	n		п	п	
Hexachlorobutadiene	ND	1.0	**	а		n n	п	u	
Isopropylbenzene	39	1.0	n	ч		7	"	u.	
p-Isopropyltoluene	ND	1.0			H	11	11		

SunStar Laboratories, Inc.

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John J. Loft

Project: Palace Garage
Project Number: 575-6G018
Project Manager: Frank Poss

Reported: 10/03/06 14:48

#### MW-2 T601319-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Volatile Organic Compounds by E	PA Method 826			,					
Methylene chloride	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B	
Naphthalene	180	1.0	41	11	II .	**	.4	11	
n-Propylbenzene	75	1.0	tr	0	If	If	ч	:1	
Styrene	ND	1.0	ti	0	μ	u	4	9	
1,1,2,2-Tetrachloroethane	ND	1.0	11	9	ų.	0	ч	11	
1,1,1,2-Tetrachloroethane	ND	1.0	11		п	U	n	11	
Tetrachloroethene	ND	1.0	Ш	U	п	0	4	D	
1,2,3-Trichlorobenzene	ND	1.0	##	ij.	11	a a	-1	n	
1,2,4-Trichlorobenzene	ND	1.0	11	p.	11	u u	ч	п	
1,1,2-Trichloroethane	ND	1.0	O	9	ч	ų.	4	D	
1,1,1-Trichloroethane	ND	1.0	н	0	11	n	1	n	
Trichloroethene	ND	1.0	D.	n n	0.	u u	4	p	
Trichlorofluoromethane	ND	1.0	D	p	ıt	0	41	n .	
1,2,3-Trichloropropane	1.8	1.0	11		u	11	"1		
1,3,5-Trimethylbenzene	2.2	1.0	11	0	0	"	4	ır	
1,2,4-Trimethylbenzene	ND	1.0	11	n	II.	u u	ч	11	
Vinyl chloride	ND	0.50	l+	9	If	D	н	11:	
Benzene	53	0.50	17	œ	ır	0	ч	11	
Toluene	1.4	0.50	77	n	tr	17	"	9	
Ethylbenzene	14	0.50	**		0	11	4	11	
m,p-Xylene	7.5	1.0	TF	n n	II.	1f	4	0	
o-Xylene	ND	0.50	77	n	н	Į <b>t</b>	п	p	
Tert-amyl methyl ether	ND	2.0	n	0	D	0	d	47	
Tert-butyl alcohol	ND	10	**	u	D.	ij	м	11	
Di-isopropyl ether	ND	2.0	11	D.	u	u u	4	D	
Ethyl tert-butyl ether	ND	2.0	e		н	ii .	н	**	
Methyl tert-butyl ether	ND	1.0	11	ü	ir	16	и	27	
Surrogate: Toluene-d8	· <del></del> _	104 %	88.8		<i>"</i>			"	
Surrogate: 4-Bromofluorobenzene		102 %		i-119	,,	"	n	"	
Surrogate: Dibromofluoromethane		109 %		-136	"	n	а	"	
- •		/ -							

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John of Algher

PSI -- Oakland 4703 Tidewater Ave Ste B

Oakland CA, 94601

Project: Palace Garage

Project Number: 575-6G018 Project Manager: Frank Poss Reported: 10/03/06 14:48

#### MW-3 T601319-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
					Daton	Troparou	, sharyzod	Modiod	1100
Purgeable Petroleum Hydrocarbon		SunStar La	inotato	ries, Inc.					
C6-C12 (GRO)	ND	50	ug/l	ī	6092651	09/26/06	09/28/06	EPA 8015m	<del></del>
Surrogate: 4-Bromofluorobenzene		92.4 %		. <u></u> '	"	# #	"	" " EFA 8013H	
ž ž			0.5-	. (33					
Volatile Organic Compounds by EF									
Bromobenzene	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B	
Bromochloromethane	ND	1.0	19	ш	п	II.	4	"	
Bromodichloromethane	ND	1.0	17	Ш	17	"	11	"	
Bromoform	ND	1.0	ir.	ii		П	Ü	η	
Bromomethane	ND	1.0	15	"	4	П	n	II	
a-Butylbenzene	NĐ	1.0	"	11	11	*1	"	η	
ec-Butylbenzene	ND	1.0	"	81		4	В	н	
ert-Butylbenzene	ND	1.0	н	η	W	ч	n	4	
Carbon tetrachloride	ND	0.50	c)	ч	11	25	n		
Chlorobenzene	ND	1.0	"	51		4	te	ч	
Chloroethane	ND	1.0	"	વ	4	a	n	71	
Chloroform	ND	1.0	***	ıı	n	4	н	ч	
Chloromethane	ND	1.0	*1	п	n	et .	1¢	n	
2-Chlorotoluene	ND	1.0	18	"	**		0	,	
1-Chlorotoluene	- ND	1.0	11		11	ч	μ	II.	
Dibromochloromethane	ND	1.0	11	ı	н	ч	n n	4	
,2-Dibromo-3-chloropropane	ND	1.0	11	11	n	ŋ	ŋ	II.	
,2-Dibromoethane (EDB)	ND	1.0	11	и	re .	U	ч	11	
Dibromomethane	ND	1.0	**	IF.	10	п	ч	11	
,2-Dichlorobenzene	ND	1.0	71	n n	n	u	0	ų	
,3-Dichlorobenzene	ND	1.0	n	0	ρ	0	н	ıt.	
1,4-Dichlorobenzene	ND	1.0	17	a	n	п	14	,	
Dichlorodifluoromethane	ND	0.50	11		rr .	U	н	15	
,1-Dichloroethane	ND	1.0	11	0	ь	D	,,	¥f	
.2-Dichloroethane	ND	0.50	11	n	Įr.	n	д	0	
1,1-Dichloroethene	ND	1.0	11	0	n	g.	••	11	
eis-1,2-Dichloroethene	ND	1.0	11	4)	ır.	11	4	41	
rans-1,2-Dichloroethene	ND ND	1.0	11	17		9	4	**	
1,2-Dichloropropane	ND	1.0	u.	ij	D	0	4	11	
1,3-Dichloropropane	ND	1.0	11	0	ır.	D.	n		
2,2-Dichloropropane	ND ND	1.0	и	,,		"	ч	,,	
1,1-Dichloropropene	ND ND	1.0	ır	,,		11	· ·	,,	
cis-1,3-Dichloropropene	ND		11	11		1	" "	"	
rans-1,3-Dichloropropene	ND ND	0.50 0.50		"		ur.	n	"	
Hexachlorobutadiene			н	 D		11	"	,	
sopropylbenzene	ND	1.0	,,	"	"	,,	"	"	
o-Isopropyltoluene	ND ND	1.0 1.0	"	"	»ı		"		

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

July J. Stylen

Project: Palace Garage Project Number: 575-6G018

Reported: 10/03/06 14:48

Project Manager: Frank Poss

MW-3
T601319-03 (Water)

		100151	/-U\$ ( <b>*</b> *	<u> </u>	-				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Volatile Organic Compounds by I	EPA Method 8260								
Methylene chloride	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B	
Naphthalene	ND	1.0	"	•			n .	u	
n-Propylbenzene	ND	1.0	н			Ħ	0	47	
Styrene	ND	1.0	н	,,	п	P	n	41	
1,1,2,2-Tetrachloroethane	ND	1.0	"	1.		п	11	11	
1,1,1,2-Tetrachloroethane	ND	1.0	н	n			11	tt.	
Tetrachloroethene	ND	1.0	н	н	9		n .	41	
1,2,3-Trichtorobenzene	ND	1.0	"	p.		н	0	n	
1,2,4-Trichlorobenzene	ND	1.0	н	n	ч	P	9	11	
1,1,2-Trichtoroethane	ND	1.0	11	*1	m	,	a	•	
1,1,1-Trichloroethane	ND	1.0	п	n	ч	,	n n	**	
Trichloroethene	17	1.0	н			п	0	0	
Trichlorofluoromethane	ND	1.0	н	H	a a	Þ	9	0	
1,2,3-Trichloropropane	ND	1.0	н	н	н	н	n	v	
1,3,5-Trimethylbenzene	ND	1.0	"	**	ч	"	0	U	
1,2,4-Trimethylbenzene	ND	1.0	н	•	a a	H	n n	41	
Vinyl chloride	ND	0.50		n	а	h	D	ri .	
Benzene	ND	0.50	н		"		9	11	
Toluene	ND	0.50	н	*1	4	•	u u	n n	
Ethylbenzene	ND	0.50	н	*1	"	r	9	**	
m,p-Xylene	ND	1.0	п		a	"	ш	O	
o-Xylene	ND	0.50	11	11	d	и	и	17	
Tert-amyl methyl ether	ND	2.0	п	*1	н		0	41	
Tert-butyl alcohol	ND	10		11	4	н	n	O.	
Di-isopropyl ether	ND	2.0	н	11	ч	n	n n	v	
Ethyl tert-butyl ether	ND	2.0	н	91	ч	p.	п	O.	
Methyl tert-butyl ether	ND	1.0	п	41	ч	n	u		
Surrogate: Toluene-d8		102 %	88.8	-117	n	"	n	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	83.5	-119	#	n	"	n	
Surrogate: Dibromofluoromethane		111%	81.1	-136	u	"	"	n .	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Project: Palace Garage Project Number: 575-6G018 Project Manager: Frank Poss

Reported: 10/03/06 14:48

#### MW-4 T601319-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	S	unStar La	aborato	ies, Inc.					
Purgeable Petroleum Hydrocarbo				-					
C6-C12 (GRO)	ND	50	ug/l	1	6092651	09/26/06	09/28/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		91.6 %		135	"	n	"	n n	
Volatile Organic Compounds by I	EPA Method 8260B								
Bromobenzene	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	и		U	II	-1	
Bromodichloromethane	ND	1.0	11	4	н		li li	ч	
Bromoform	ND	1.0	U	7	μ	9	0	ш	
Bromomethane	ND	1.0	•	4	14	n	11	0	
n-Butylbenzene	ND	1.0	"			17	η	11	
sec-Butylbenzene	ND	1.0	n	ij	n	17	9	11	
tert-Butylbenzene	ND	1.0	1+	ų	ı)	41	7	11	
Carbon tetrachloride	ND	0.50	ц	It.	11	"	п	41	
Chlorobenzene	ND	1.0	11	п	ч	41	11	**	
Chloroethane	ND	1.0	It	D	il	al .	ц	11	
Chloroform	ND	1.0	н	ıt	п	п	q	**	
Chloromethane	ND	1.0	μ	11	il	n	11	11	
2-Chlorotoluene	ND	1.0	н	19		n	n.	10	
4-Chlorotoluene	ND	1.0	н	15	11	н	n .		
Dibromochloromethane	ND	1.0	н	47	н	n	0	11	
1,2-Dibromo-3-chloropropane	ND	1.0	и	19	ч	P	11	н	
1,2-Dibromoethane (EDB)	ND	1.0	п	11	4	r	•		
Dibromomethane	ND	1.0	н	11	н		17	ь	
1,2-Dichlorobenzene	ND	1.0	11	11	q	в	ŧ	p	
1,3-Dichlorobenzene	ND	1.0	н	ч	н	n	11	п	
1,4-Dichlorobenzene	ND	1.0	п	ч	ч	п	• • • • • • • • • • • • • • • • • • • •	TP.	
Dichlorodifluoromethane	ND	0.50	"	ıı	п	п	U	IF.	
1,1-Dichloroethane	ND	1.0	н	н	n	IF	n	ш	
1,2-Dichloroethane	ND	0.50	н	e	n .	п	н	ij	
I,1-Dichloroethene	ND	1.0	n	н	u u	ч	n	ч	
cis-1,2-Dichloroethene	ND	1.0	"	ч	n .	pt.		П	
trans-1,2-Dichloroethene	ND	1.0	n		u u	н	p	it	
1,2-Dichloropropane	NĐ	1.0	н	н	ч	ıt	ř	n .	
1,3-Dichloropropane	ND	1.0	n	n	4	ч	10	n	
2,2-Dichloropropane	ND	1.0	n	н	9	и		4	
1,1-Dichloropropene	ND	1.0	п	r	n	•	п	ii.	
cis-1,3-Dichloropropene	ND	0.50	*1		0	•	11	м	
trans-1,3-Dichloropropene	ND	0.50	9	,,	n _t	q	п	or .	
Hexachlorobutadiene	ND	1.0	.,	11	u.	4	ч	16	
Isopropylbenzene	ND	1.0	n	"	e e	a	'n	11	
p-Isopropyltoluene	ND	1.0	11	ч	4	n .	н	17	

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PSI -- Oakland

4703 Tidewater Ave Ste B Oakland CA, 94601 Project: Palace Garage

Project Number: 575-6G018 Project Manager: Frank Poss Reported: 10/03/06 14:48

#### MW-4 T601319-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	<del>_</del>	SunStar La	borato	ies, Inc.					
Volatile Organic Compounds by I	EPA Method 8260			,					
Methylene chloride	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA \$260B	
Naphthalene	ND	1.0	ii .	11	0	п	li li	n	
n-Propylbenzene	ND	1.0	н	D	0	n	п	11	
Styrene	ND	1.0	п	U	D.	0	4	0	
1,1,2,2-Tetrachloroethane	ND	1.0	н	18	П	0	n n	п	
1,1,1,2-Tetrachloroethane	ND	1.0	н	11:	п	17	n	0	
Tetrachloroethene	ND	1.0	"	0	0	п	9	0	
1,2,3-Trichlorobenzene	ND	1.0	"	11	11	**	ч	11	
1,2,4-Trichlorobenzene	ND	1.0	11	¥I	*1	41	4	st.	
1,1,2-Trichloroethane	ND	1.0	n	41	н	•	•	11	
l,l,l-Trichloroethane	ND	1.0	11		u	•	ц	n	
Trichloroethene	ND	1.0	n	41	4		9	*1	
Trichlorofluoromethane	ND	1.0	н		ч	al .	n n	n	
1,2,3-Trichloropropane	ND	1.0	n	n	п		n n	þ	
1,3,5-Trimethylbenzene	ND	1.0	11	*1	ч	e	n .	н	
1,2,4-Trimethylbenzene	ND	1.0	n	h	at .	,		**	
Vinyl chloride	ND	0.50	11	h	п	н	D	ir	
Benzene	ND	0.50	1)	14	н	b	ii ii	ir	
Toluene	ND	0.50	n	14	n	p	U	11	
Ethylbenzene	ND	0.50	11	rı	н	H	0	IF.	
m,p-Xylene	ND	1.0	**	n	n n	n	0	п	
o-Xylene	ND	0.50	ų.	Is	u	ER.	10	ш	
Tert-amyl methyl ether	ND	2.0	11	н	al	и	0	n .	
Tert-butyl alcohol	NĐ	10	17	"			••	ш	
Di-isopropyl ether	ND	2.0	0	1*		.,		н	
Ethyl tert-butyl ether	ND	2.0	49	rs	D.	п	ıl	n	
Methyl tert-butyl ether	ND	1.0	1†	PF .	ū	н	11	a	
Surrogate: Toluene-d8		103 %	88.8	-117	77	q	n n	"	
Surrogate: 4-Bromofluorobenzene		101 %	83.5		"	н	"	"	
Surrogate: Dibromofluoromethane		110 %		-136	"	tt.	,,	"	

SunStar Laboratories, Inc.

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Project: Palace Garage Project Number: 575-6G018

Reported: 10/03/06 14:48

Project Manager: Frank Poss

# Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6092651 - EPA 5030 GC				,						
Blank (6092651-BLK1)				Prepared:	09/26/06	Analyzed	i: 09/28/06			
Surrogate: 4-Bromofluorobenzene C6-C12 (GRO)	46.3 ND	50	ug/l	50.0		92.6	65-135			
LCS (6092651-BS1)				Prepared:	09/26/06	Analyzeo	1: 09/28/06			
Surrogate: 4-Bromofluorobenzene	50.4		ug/l	50.0		101	65-135			
C6-C12 (GRO)	5760	50	þ	5500		105	75-125			
Matrix Spike (6092651-MS1)	So	urce: T60131	9-04	Prepared:	09/26/06	Analyzed	1: 09/28/06			
Surrogate: 4-Bromofluorobenzene	49.5		ug/l	50.0	<del></del>	99.0	65-135			
C6-C12 (GRO)	5550	50	ır	5500	ND	101	65-135			
Matrix Spike Dup (6092651-MSD1)	So	urce: T60131	9-04	Prepared:	09/26/06	Analyzed	1: 09/28/06			
Surrogate: 4-Bromosluorobenzene	51.9		ug/l	50.0	<u> </u>	104	65-135			
C6-C12 (GRO)	5610	50	ii.	5500	ND	102	65-135	1.08	20	

SunStar Laboratories, Inc.

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Project: Palace Garage Project Number: 575-6G018 Project Manager: Frank Poss

Reported: 10/03/06 14:48

# Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

#### Batch 6092523 - EPA 5030 GCMS

Blank (6092523-BLK1)			d: 10/02/06				
Surrogate: Toluene-d8	41.0		ug/l	40.0	102	88.8-117	
Surrogate: 4-Bromofluorobenzene	38.5		"	40.0	96.2	83.5-119	
Surrogate: Dibromofluoromethane	<i>37.2</i>		"	40.0	93.0	81.1-1 <b>3</b> 6	
Bromobenzene	ND	1.0					
Bromochloromethane	ND	1.0	7				
Bromodichloromethane	ND	1.0					
Bromoform	ND	1.0	9				
Bromomethane	ND	1.0	17				
n-Butylbenzene	ND	1.0	19				
sec-Butylbenzene	ND	1.0	17				
tert-Butylbenzene	ND	1.0	**				
Carbon tetrachloride	ND	0.50	•				
Chlorobenzene	ND	1.0	47				
Chloroethane	ND	1.0	17				
Chloroform	ND	1.0	4				
Chloromethane	ND	1.0	•				
2-Chlorotoluene	ND	1.0	W				
4-Chlorotoluene	ND	1.0	10				
Dibromochloromethane	ND	1.0	17				
1,2-Dibromo-3-chloropropane	ND	1.0	0				
1,2-Dibromoethane (EDB)	ND	1.0	10				
Dibromomethane	ND	1.0	**				
1,2-Dichlorobenzene	ND	1.0	n .				
1,3-Dichlorobenzene	ND	1.0	4				
1,4-Dichlorobenzene	ND	1.0	•1				
Dichlorodifluoromethane	ND	0.50	19				
1,1-Dichloroethane	ND	1.0					
1,2-Dichloroethane	ND	0.50	**				
1,1-Dichloroethene	ND	1.0	0				
cis-1,2-Dichloroethene	ND	1.0	11				
trans-1,2-Dichloroethene	ND	1.0	D				
1,2-Dichloropropane	ND	10	11				
1,3-Dichloropropane	ND	1.0					
2,2-Dichloropropane	ND	1.0	*11				
1,1-Dichloropropene	ND	1.0	n,				
cis-1,3-Dichloropropene	ND	0.50					
trans-1,3-Dichloropropene	ND	0.50	41				
Hexachlorobutadiene	ND	1.0					
Isopropylbenzene	ND	1.0	н				
p-lsopropyltoluene	ND	1.0					
Methylene chloride	ND	1.0	ы				

SunStar Laboratories, Inc.

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Project: Palace Garage Project Number: 575-6G018

Reported: 10/03/06 14:48

Project Manager: Frank Poss

### Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6092523 - EPA 5030 GCMS										
Blank (6092523-BLK1)				Prepared:	: 09/25/06	Analyzed	: 10/02/06			
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	9							
Styrene	ND	1.0	D							
1,1,2,2-Tetrachloroethane	ND	1.0	D							
1,1,1,2-Tetrachloroethane	ND	1.0	a							
Tetrachloroethene	ND	1.0	41							
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0	D							
1,1,2-Trichloroethane	ND	1.0	D							
1,1,1-Trichloroethane	ND	1.0	11							
Trichloroethene	ND	1.0								
Trichlorofluoromethane	ND	1.0	•							
1,2,3-Trichloropropane	ND	1.0	15							
1,3,5-Trimethylbenzene	ND	1.0	41							
1,2,4-Trimethylbenzene	ND	1.0	11							
Vinyl chloride	ND	0.50								
Benzene	ND	0.50	n							
Toluene	ND	0.50	n							
Ethylbenzene	ND	0.50	I*							
m,p-Xylene	ND	1.0	,,							
o-Xylene	ND	0.50	n							
Tert-amyl methyl ether	ND	2.0								
Tert-butyl alcohol	ND	10	н							
Di-isopropyl ether	ND	2,0	k ₁							
Ethyl tert-butyl ether	ND	2.0	*1							
Methyl tert-butyl ether	ND	1.0	p							
Ethyl acrylate	ND	5.0								

SunStar Laboratories, Inc.

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PSI -- Oakland 4703 Tidewater Ave Ste B Project: Palace Garage

Spike

Source

Oakland CA, 94601

Project Number: 575-6G018 Project Manager: Frank Poss

Reporting

Reported: 10/03/06 14:48

RPD

%REC

# Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6092523 - EPA 5030 GCMS										
LCS (6092523-BS1)				Prepared:	09/25/06	Analyze				
Surrogate: Toluene-d8	40.8		ug/l	40.0		102	88.8-117			
Surrogate: 4-Bromofluorobenzene	45.1		11	40.0		113	83.5-119			
Surrogate: Dibromofluoromethane	42.9		"	40.0		107	81.1-136			
Chlorobenzene	96.5	1.0	"	100		96.5	75-125			
1,1-Dichloroethene	81.4	1.0	11	100		81.4	75-125			
Trichloroethene	81.0	1.0	ıı	100		81.0	75-125			
Benzene	94.7	0.50	ij	100		94.7	75-125			
Toluene	82.2	0.50	"	100		82.2	75-125			
Matrix Spike (6092523-MS1)	Sour	Source: T601321-01 Pr				Analyze				
Surrogate: Toluene-d8	38.2		ug/l	40.0	·	95.5	88.8-117			
Surrogate: 4-Bromofluorobenzene	45.9		"	40.0		115	83.5-119			
Surrogate: Dibromofluoromethane	41.6		ø	40.0		104	81.1-136			
Chlorobenzene	98.2	1.0	n	100	ND	98.2	75-125			
1,1-Dichloroethene	88.1	1.0	17	100	ND	88.1	75-125			
Trichloroethene	88.6	1.0	II.	100	ND	88.6	75-125			
Benzene	104	0.50		100	1.9	102	75-125			
Toluene	85.6	0.50	n	100	0.49	85.1	75-125			
Matrix Spike Dup (6092523-MSD1)	Sour	ce: T60132	1-01	Prepared:	09/25/06	Analyze	d: 09/29/06			
Surrogate: Toluene-d8	40.2		ug/l	40.0		100	88.8-117			
Surrogate: 4-Bromofluorobenzene	48.4		3' -	40.0		121	83.5-119			S-GC
Surrogate: Dibromofluoromethane	43.2		n	40.0		108	81.1-136			3-00
Chlorobenzene	98.0	1.0	н	100	ND	98.0	75-125	0 204	20	
1,1-Dichloroethene	81.8	1.0	n	100	ND	81.8	75-125	7.42	20	
Trichloroethene	84.5	1.0	0	100	ND	84.5	75-125	4.74	20	
Benzene	93.4	0.50	9	100	1.9	91.5	75-125	10.7	20	
Toluene	82.7	0.50		100	0.49	82.2	75-125	3.45	20	

SunStar Laboratories, Inc.

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Project: Palace Garage Project Number: 575-6G018 Project Manager: Frank Poss

**Reported:** 10/03/06 14:48

#### **Notes and Definitions**

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.

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Chain of Custody Record 1601519

SunStar Laboratories, Inc. 3002 Dow Ave., Ste. 212 Tustin, CA 92780 714-505-4010

Client: PSI	م مار ماد م	Au	- in R	CoVle	. 1	~A		Date Proi	e:	Nam		1/2	2/	$\frac{\partial \mathcal{E}}{\partial n}$	laz	P	Page	e: 'M	<u> </u>	Of	-66-01	# WHO PAY
Address: 4763  Phone: (5/0) 434  Project Manager:	-9200 Frank F	Fax: (5)	(0)43	4-7670	5	461	3i					B		),						545		<u> </u>
Sample ID  MW-1  MW-3  MW-4	Date Sampled	Time  3:05  3:32  3:56  4:30	Sample Type Water	Container Type Voa.S	8260	X X X X X X X X X X X X X X X X X X X	8260 BTEX, OXY only	8270	8021 BTEX	XXX 8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals				CO C C Laboratory ID #	HC +		ents/Pres	ervative	Total # of containers
Relinquished by: (signature)  Brian StozeK  Relinquished by: (signature)  CSO  Relinquished by: (signature)	9/22/06 Date / T 9/23/06	6900	Ton	y: (signature) y: (signature) y: (signature)	<u> </u>	#1	Date	940 940 97 906 97	(3 <u>.5</u> me			teceiv	Cus Se ed g	tody s als in lood o	seals <b>(</b> tact? <b>(</b> conditi	itainers ZN/NA ZN/NA On/cold	80			Note	s	k
Sample disposal Instructions	Disposal @ \$2.00	each	Return	to client		Pick	cup	•			•						-					