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Alameda County
Environmental Health

June 18, 2007

Mr. Steven Plunkett
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

SUBJECT: First Quarter 2007 Monitoring Report
Palace Garage
14336 Washington Avenue
San Leandro, California

Dear Mr. Plunkett:

I declare, under penalty of perjury, that the information and/or recommendations contained in the First Quarter 2007 Monitoring Report are true and correct to the best of my knowledge.

Respectfully submitted,



Jeffrey Kerry
Kerry & Associates

**FIRST QUARTER 2007
GROUNDWATER MONITORING REPORT**

**PALACE GARAGE
14336 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA**

**FIRST QUARTER 2007
GROUNDWATER MONITORING REPORT**

**PALACE GARAGE
14336 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA**

prepared for

Kerry & Associates
151 Callan Avenue, Suite 300
San Leandro, California 94577

prepared by

Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, California 94601
(510) 434-9200

June 18, 2007
575-6G018

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STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION

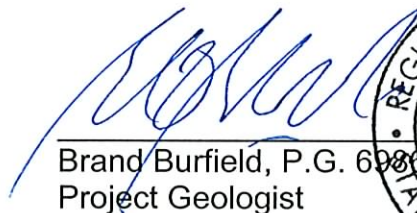
The information provided in this Groundwater Monitoring Report prepared by PSI, Project Number 575-6G018, is intended exclusively for Kerry & Associates for the evaluation of groundwater contamination as it pertains to the subject property in San Leandro, California at the time the activities were conducted. 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 First Quarter 2007 groundwater monitoring activities conducted on March 29, 2007 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) in groundwater 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 and soil borings are presented in Figure 2.

2.0 GROUNDWATER MONITORING ACTIVITIES

2.1 Groundwater Elevation and Hydraulic Gradient

Prior to sampling, the depth to groundwater in each monitoring well was measured in accordance with the field procedures outlined in Section 2.2 using an electric water level indicator. Water levels are read from the top of the monitoring well casing (TOC) to an accuracy of 0.01 foot. This is performed in order to calculate the groundwater elevations and to determine the groundwater gradient. Before and after each use, the water level indicator was decontaminated to prevent cross-contamination of the wells.

Depth to groundwater measured on March 29, 2007, and calculated groundwater elevations are presented in Table 1. Groundwater surface contours representing March, 2007 water levels beneath the site are shown on Figure 2. Based on the water level measurements obtained, the groundwater flow direction at the subject site is generally toward the west with a hydraulic gradient of approximately 0.005.

2.2 Groundwater Sampling

On March 29, 2007, 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 a phosphate-free liquid detergent 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.
3. 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 laboratory-supplied 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. 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 were analyzed for the following:

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

The following are the results of the groundwater analysis:

- TPH-G was detected in MW-1 (2,000 micrograms per liter (ug/l)) and in MW-2 (2,100 ug/l). TPH-G was not detected at or above the laboratory reporting limit in either of the other groundwater samples.

Numerous constituents of gasoline (benzene, toluene, ethylbenzene, total xylenes (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:

- TPH-G (MW-1 at 2,000 ug/L, MW-2 at 2,100 ug/L (ESL of 100 ug/l))
- Benzene (MW-1 at 30 ug/l, MW-2 at 51 ug/l) (ESL of 1 ug/l)
- Ethylbenzene (MW-1 at 85 ug/l) (ESL of 30 ug/l)
- Total Xylenes (MW-1 at 550 ug/l) (ESL of 20 ug/l)
- Naphthalene (MW-1 at 19 ug/l, MW-2 at 190 ug/l) (ESL of 17 ug/l)

A summary of the major gasoline related constituents detected in the groundwater samples is presented in Table 1. Copies of the laboratory reports and chain of custody records are presented in Appendix B.

Additionally, Trichloroethene (TCE), a VOC not associated with gasoline, was detected in the groundwater sample collected from MW-3 at 11 ug/l. This is down slightly from the Third Quarter 2006 monitoring event, when TCE was detected in MW-3 at 17 ug/l. The ESL for TCE is 5 ug/l. None of the tested constituents were detected in the sample collected from MW-4.

3.0 SUMMARY AND CONCLUSIONS

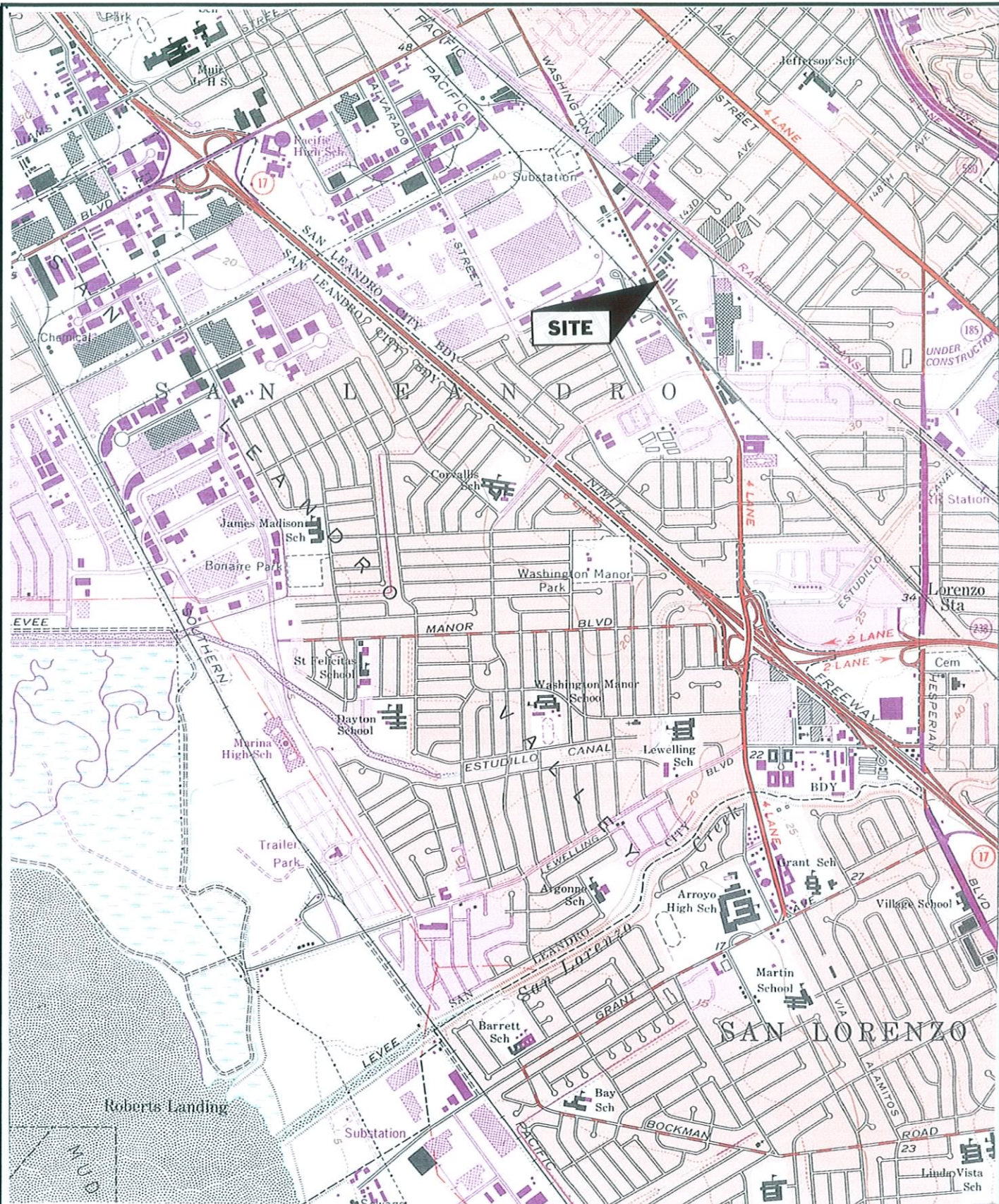
PSI performed groundwater-monitoring activities on March 29, 2007. The results of the monitoring event are summarized below.

- TPH-G was detected only in monitoring wells MW-1 and MW-2.
- Several gasoline related VOCs were also detected in MW-1 and MW-2. VOCs were not detected in either of the other water samples with the exception of Trichloroethene in MW-3.
- Gasoline-related contamination is present in monitoring wells MW-1 and MW-2 at concentrations exceeding the ESLs. Concentrations of contaminants appear to be generally stable or decreasing with time.

4.0 RECOMMENDATIONS

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

FIGURES

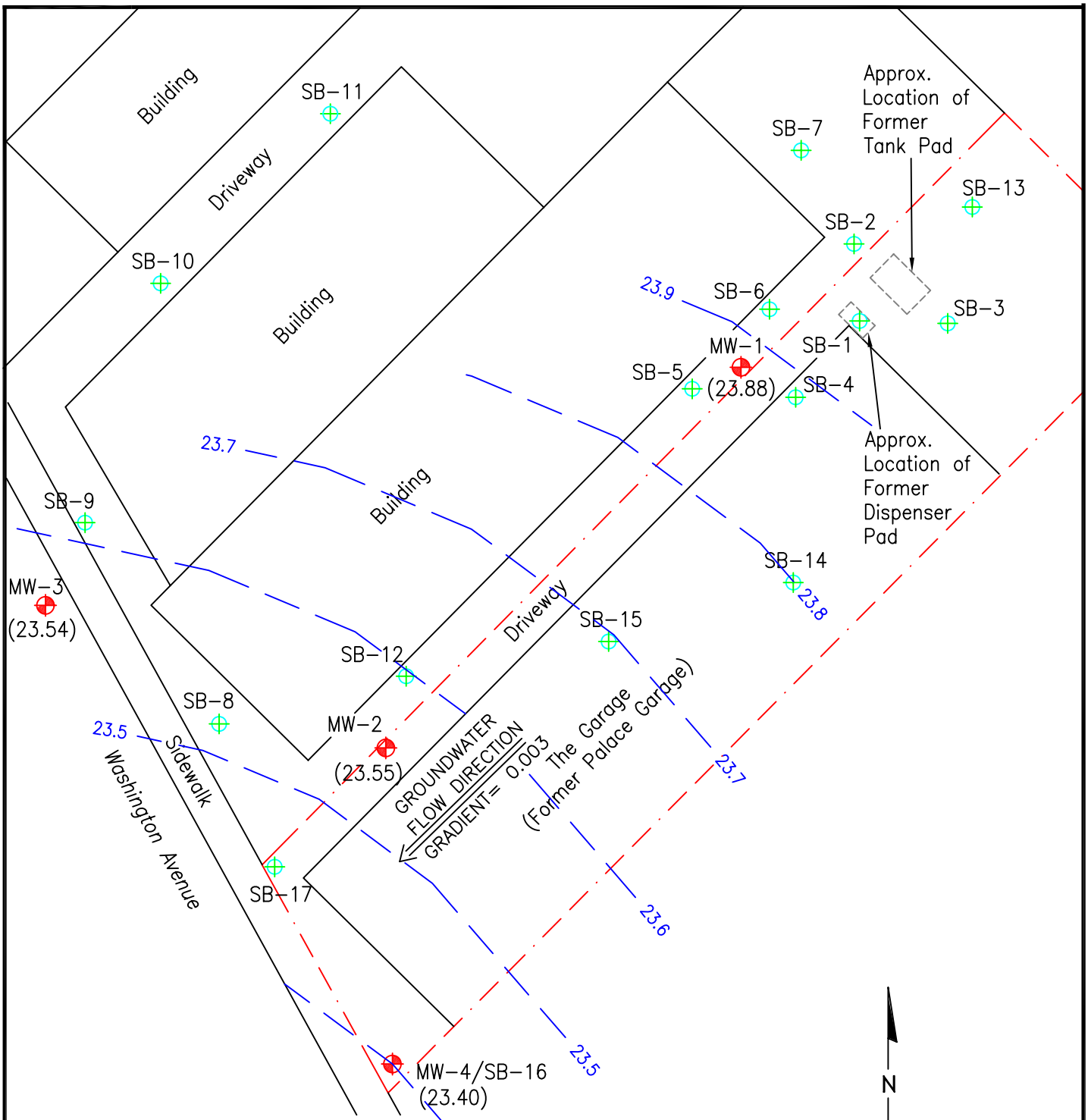


REFERENCE:
 U.S.G.S. SAN LEANDRO, CA 1969
 PHOTOREVISED 1980

psi Information
 To Build On
 Engineering • Consulting • Testing

4703 Tidewater Avenue, Suite B
 Oakland, California 94601
 (510) 434-9200

Project Name:	PALACE GARAGE 14336 WASHINGTON AVENUE, SAN LEANDRO, CA	Drawn By:	M.G.	Date:	10/06	File No.:	6C018-001	Figure No.:	1
Title:	LOCATION MAP	Approved By:	F.P.	Project No.:	575-6G018				



LEGEND:

- - - - SUBJECT SITE BOUNDARY
- MW-4 (23.40) - APPROXIMATE MONITORING WELL LOCATION (GROUNDWATER ELEVATION IN FT MSL)
- - - 23.6 - APPROXIMATE LINE OF EQUAL GROUNDWATER ELEVATION (FEET MSL)
- ⊕ SB-17 - SOIL BORING LOCATION

REFERENCE:

MORROW SURVEYING, "PALACE GARAGE," DRAWING NO. 6381-024DT, DATED 2/5/03.



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Project Name: PALACE GARAGE 14336 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA		Drawn By: B.B.	Date: 4/07	File No.: 6G018-03	2
Title: SITE PLAN AND GROUNDWATER CONTOUR MAP		Approved By: F.P.	Project No.: 575-6G018		

TABLE

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
PALACE GARAGE
14336 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

Sample I.D.	TOC Elevation (feet msl)	Date	Depth To Groundwater (feet)	Groundwater Elevation (feet msl)	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-1	37.59	12/31/2002	13.62	23.97	48,000 (*4,800)	<0.5	1,030	2,380	1,690	9,220
		9/22/2006	13.33	24.26	44,000	<1.0	870	720	2,200	9,700
		12/21/2006	13.94	23.65	17,000	3.9	240	180	980	5,000
		3/29/2007	13.71	23.88	2,000	<1.0	30	23	85	550
MW-2	37.12	12/31/2002	13.38	23.74	1,670	<0.5	1,030	11	23.1	16.4
		9/22/2006	13.25	23.87	1,800	<1.0	53	1.4	14	7.5
		12/21/2006	13.89	23.23	NS	NS	NS	NS	NS	NS
		3/29/2007	13.57	23.55	2,100	1.1	51	1.3	12	4.5
MW-3	37.01	12/31/2002	13.29	23.72	<50	<0.5	<0.5	<0.5	<0.5	<1.0
		9/22/2006	13.14	23.87	<50	<1.0	<0.5	<0.5	<0.5	<1.5
		12/21/2006	---	---	NS	NS	NS	NS	NS	NS
		3/29/2007	13.47	23.54	<50	<1.0	<0.5	<0.5	<0.5	<1.5
MW-4	37.09	12/31/2002	13.45	23.64	<50	<0.5	<0.5	<0.5	<0.5	<1.0
		9/22/2006	13.40	23.69	<50	<1.0	<0.5	<0.5	<0.5	<1.5
		12/21/2006	13.86	23.23	<50	<1.0	<0.5	<0.5	<0.5	<1.5
		3/29/2007	13.69	23.40	<50	<1.0	<0.5	<0.5	<0.5	<1.5

NOTES:

All concentrations are reported in ug/l (micrograms per liter).

* = Reported laboratory result of 4,800 ug/l appears to have been incorrect, based on BTEX concentrations and subsequent TPH-G result.

"Less than" symbol indicates not detected above laboratory detection limit indicated.

--- = No data available

TOC = Top of casing

TPH-G = Total Petroleum Hydrocarbons as Gasoline

MTBE = Methyl Tertiary Butyl Ether

NS = Well not sampled.

APPENDIX A

GROUNDWATER PURGE LOGS

FLUID MEASUREMENT FIELD DATA

SHEET: 1 OF 1

DATE: 3/29/07	PROJECT NAME: PARADE GARAGE	PROJECT NO: 575-66018
WATER LEVEL MEASUREMENT INSTRUMENT: SOLINST		SERIAL NO: 12078
PRODUCT DETECTION INSTRUMENT: N/A		SERIAL NO: N/A

EQUIP. DECON: ALCONOX WASH DIST/DEION 1 RINSE ISOPROPNOL ANALYTE FREE FINAL RINSE TAP WATER FINAL RINSE
 TAP WATER WASH LIQUINOX WASH DIST/DEION 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	-	37.59 ^{ft} _{mgl}	N/A	13.71 ^{ft}	24 ^{ft}	N/A	23.88 ^{ft} ft	
MW-2	-	37.12	↓	13.57	24	↓	23.59	
MW-3	-	37.01	↓	13.47	24	↓	23.54	
MW-4	-	37.09	↓	13.69	22.5	↓	23.40	

REMEMBER TO CORRECT PRODUCT THICKNESS FOR DENSITY BEFORE CALCULATING WATER TABLE ELEVATION

PREPARED BY: B. BURFELD

WELL PURGING AND SAMPLING DATA

						WELL NO: MW-1	
DATE: 3/29/07		PROJECT NAME: Palace Garage			PROJECT NO: 66018		
WEATHER CONDITIONS: Clear Sunny							
WELL DIAMETER (IN.) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> OTHER _____							
SAMPLE TYPE: <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SURFACE WATER <input type="checkbox"/> OTHER _____							
WELL DEPTH (TOC) 24 FT.				DEPTH TO WATER BEFORE PURGING (TOC) 13.7 FT.			
LENGTH OF WATER 10.29 FT.				CALCULATED ONE WELL VOLUME ¹ : 1.75 GAL.			
PURGING DEVICE: PAX BAKER <input type="checkbox"/> DEDICATED <input checked="" type="checkbox"/> DISPOSABLE <input type="checkbox"/> DECONTAMINATED							
SAMPLING DEVICE: u u <input type="checkbox"/> DEDICATED <input checked="" type="checkbox"/> DISPOSABLE <input type="checkbox"/> DECONTAMINATED							
EQUIP. DECON. <input type="checkbox"/> TAP WATER WASH <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE							
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> OTHER SOLVENT <input type="checkbox"/> DIST/DEION FINAL RINSE							
<input checked="" type="checkbox"/> LIQUINOX WASH <input type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY							
CONTAINER PRESERVATION: <input checked="" type="checkbox"/> LAB PRESERVED <input type="checkbox"/> FIELD PRESERVED							
WATER ANALYZER MODEL & SERIAL NO: MURPHY L. CO. ULTRAMETER 6P (#602194)							
ACTUAL TIME (MIN)	CUMUL. VOLUME PURGED (GAL)	TEMP <input type="checkbox"/> °F <input checked="" type="checkbox"/> °C	SPECIFIC CONDUCT.	pH	DEPTH TO GROUND WATER	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)
3:10	INITIAL	20.7	886.4	8.63		CL	NO odor
3:21	2	19.0	875.9	8.65		CL	LT TO MOD odor
3:26	4	18.5	897.8	8.88		CL	}
3:32	6	18.2	904	8.72		CL	
3:35	7	17.8	903.0	8.86		CL	↓ ↓
19:40	WELL SAMPLED						
DEPTH TO WATER AFTER PURGING (TOC) _____ FT.					SAMPLE FILTERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SIZE _____		
NOTES:					SAMPLE TIME: 19:40		ID# MW-1
					DUPLICATE <input type="checkbox"/> TIME: N/A		ID#:
					EQUIP. BLANK: <input type="checkbox"/> TIME: N/A		ID#:
					PREPARED BY: B. BURFIED / C. CANDEARCA		

¹A 1 FOOT LENGTH OF WATER = 0.05 GAL IN 1" DIA. PIPE (0.17 GAL IN 2" DIA PIPE) 0.65 GAL IN 4" DIA PIPE 1.5 GAL IN 6" DIA PIPE

WELL PURGING AND SAMPLING DATA

DATE: <i>3/29/07</i>		PROJECT NAME: <i>Palace Garage</i>	WELL NO: <i>MW-2</i>
PROJECT NO: <i>6601B</i>			

WEATHER CONDITIONS: *Clear Sunny*

WELL DIAMETER (IN.) 1 2 4 6 OTHER _____

SAMPLE TYPE: GROUNDWATER WASTEWATER SURFACE WATER OTHER

WELL DEPTH (TOC) *24* FT. DEPTH TO WATER BEFORE PURGING (TOC) *13.57* FT.

LENGTH OF WATER *10.43* FT. CALCULATED ONE WELL VOLUME¹: *1.8* GAL.

PURGING DEVICE: *POUY BAJER* DEDICATED DISPOSABLE DECONTAMINATED

SAMPLING DEVICE: *"* 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:
MYRON L CO. ULTRAMETER 6P (#602194)

ACTUAL TIME (MIN)	CUMUL. VOLUME PURGED (GAL)	TEMP <input type="checkbox"/> °F <input checked="" type="checkbox"/> °C	SPECIFIC CONDUCT.	pH	DEPTH TO GROUND WATER	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)	
<i>16:00</i>	<i>INITIAL</i>	<i>19.2</i>	<i>1051</i>	<i>8.83</i>		<i>CO</i>	<i>no odor</i>	
<i>16:04</i>	<i>2</i>	<i>18.2</i>	<i>1028</i>	<i>8.91</i>		<i>SLIGHTLY CLOUDY, LIGHT TURBIDITY</i>	<i>(see notes) odor</i>	
<i>16:09</i>	<i>4</i>	<i>17.6</i>	<i>1017</i>	<i>8.73</i>		<i>" "</i>	<i>" "</i>	
<i>16:16</i>	<i>6</i>	<i>17.6</i>	<i>1010</i>	<i>8.75</i>		<i>" "</i>	<i>" "</i>	
<i>16:20</i>	<i>WELL SAMPLED</i>	<hr/>						

DEPTH TO WATER AFTER PURGING (TOC) _____ FT. SAMPLE FILTERED YES NO SIZE _____

NOTES:	SAMPLE TIME: <i>16:20</i> ID# <i>MW-2</i>
	DUPLICATE <input type="checkbox"/> TIME: <i>N/A</i> ID#:
	EQUIP. BLANK: <input type="checkbox"/> TIME: <i>N/A</i> ID#:
	PREPARED BY: <i>B. B...</i>

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

WELL PURGING AND SAMPLING DATA

						WELL NO: <u>MW-3</u>		
DATE: <u>7/21/07</u>		PROJECT NAME: <u>Public Garage</u>				PROJECT NO: <u>66018</u>		
WEATHER CONDITIONS: <u>Clear Sunny</u>								
WELL DIAMETER (IN.) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> OTHER _____								
SAMPLE TYPE: <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SURFACE WATER <input type="checkbox"/> OTHER _____								
WELL DEPTH (TOC) <u>24</u> FT.			DEPTH TO WATER BEFORE PURGING (TOC) <u>13.47</u> FT.					
LENGTH OF WATER <u>10.53</u> FT.			CALCULATED ONE WELL VOLUME ¹ : <u>1.8</u> GAL.					
PURGING DEVICE: <u>Porc BALSZ</u> <input type="checkbox"/> DEDICATED <input checked="" type="checkbox"/> DISPOSABLE <input type="checkbox"/> DECONTAMINATED								
SAMPLING DEVICE: <u>" "</u> <input type="checkbox"/> DEDICATED <input checked="" type="checkbox"/> DISPOSABLE <input type="checkbox"/> DECONTAMINATED								
EQUIP. DECON. <input type="checkbox"/> TAP WATER WASH <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE								
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> OTHER SOLVENT <input type="checkbox"/> DIST/DEION FINAL RINSE								
<input checked="" type="checkbox"/> LIQUINOX WASH <input type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY								
CONTAINER PRESERVATION: <input checked="" type="checkbox"/> LAB PRESERVED <input type="checkbox"/> FIELD PRESERVED								
WATER ANALYZER MODEL & SERIAL NO: <u>MYRON L CO. ULTRAMETER 6P (#602194)</u>								
ACTUAL TIME (MIN)	CUMUL. VOLUME PURGED (GAL)	TEMP <input type="checkbox"/> °F <input checked="" type="checkbox"/> °C	SPECIFIC CONDUCT.	pH	DEPTH TO GROUND WATER	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)	
<u>16:34</u>	<u>INITIAL</u>	<u>19.0</u>	<u>667.8</u>	<u>8.74</u>		<u>CL</u>	<u>NO odor</u>	
<u>16:38</u>	<u>2</u>	<u>18.6</u>	<u>655.9</u>	<u>8.82</u>		<u>"</u>	<u>" "</u>	
<u>16:43</u>	<u>4</u>	<u>18.0</u>	<u>637.2</u>	<u>8.80</u>		<u>slight CO</u>	<u>" "</u>	
<u>16:50</u>	<u>6</u>	<u>17.9</u>	<u>636.6</u>	<u>8.76</u>		<u>"</u>	<u>" "</u>	
<u>16:55</u>	<u>WELL SAMPLED</u>							
DEPTH TO WATER AFTER PURGING (TOC) _____ FT.					SAMPLE FILTERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SIZE _____			
NOTES:					SAMPLE TIME: <u>16:55</u>		ID# <u>MW-3</u>	
					DUPLICATE <input type="checkbox"/>		TIME: <u>N/A</u>	ID#:
					EQUIP. BLANK: <input type="checkbox"/>		TIME: <u>N/A</u>	ID#:
					PREPARED BY: <u>B. FURFELD</u>			

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

WELL PURGING AND SAMPLING DATA

						WELL NO: MW-4		
DATE: 3/29/07		PROJECT NAME: Palace Garage			PROJECT NO: 66018			
WEATHER CONDITIONS: sunny clear								
WELL DIAMETER (IN.) <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input checked="" type="checkbox"/> OTHER 3/4								
SAMPLE TYPE: <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SURFACE WATER <input type="checkbox"/> OTHER								
WELL DEPTH (TOC) 22.5 FT.				DEPTH TO WATER BEFORE PURGING (TOC) 13.69 FT.				
LENGTH OF WATER 8.81 FT.				CALCULATED ONE WELL VOLUME ¹ : 0.5 GAL.				
PURGING DEVICE: 1/4" DIA. TUBING w/ CHECK VALVE <input type="checkbox"/> DEDICATED <input checked="" type="checkbox"/> DISPOSABLE <input type="checkbox"/> DECONTAMINATED								
SAMPLING DEVICE: " " <input type="checkbox"/> DEDICATED <input checked="" type="checkbox"/> DISPOSABLE <input type="checkbox"/> DECONTAMINATED								
EQUIP. DECON. <input type="checkbox"/> TAP WATER WASH <input type="checkbox"/> ISOPROPNOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> ALCONOX WASH <input type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> OTHER SOLVENT <input type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> LIQUINOX WASH <input type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY								
CONTAINER PRESERVATION: <input checked="" type="checkbox"/> LAB PRESERVED <input type="checkbox"/> FIELD PRESERVED								
WATER ANALYZER MODEL & SERIAL NO: MILTON L CO. ULTRATEX GP (#602194)								
ACTUAL TIME (MIN)	CUMUL. VOLUME PURGED (GAL)	TEMP <input type="checkbox"/> °F <input checked="" type="checkbox"/> °C	SPECIFIC CONDUCT.	pH	DEPTH TO GROUND WATER	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)	
18:10	INITIAL	19.9	701.7	8.66		CL	no odor	
18:15	0.5	18.5	713.8	8.70		CO	" "	
18:22	1.0	18.2	717.3	8.71		"	" "	
18:27	1.5	18.3	713.1	8.73		"	" "	
18:30	well sampled							
DEPTH TO WATER AFTER PURGING (TOC) _____ FT.					SAMPLE FILTERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SIZE _____			
NOTES:					SAMPLE TIME: 18:30		ID# MW-4	
					DUPLICATE <input type="checkbox"/>		TIME: P/A	ID#:
					EQUIP. BLANK: <input type="checkbox"/>		TIME: P/A	ID#:
					PREPARED BY: B. BURGER			

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

APPENDIX B

LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORMS



SunStar Laboratories, Inc.

06 April 2007

Brand Burfield
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 04/03/07 08:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas For Maria Bonifacio
Project Coordinator

PSI -- Oakland
4703 Tidewater Ave Ste B
Oakland CA, 94601

Project: Palace Garage
Project Number: 575-6G018
Project Manager: Brand Burfield

Reported:
04/06/07 15:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T700438-01	Water	03/29/07 15:40	04/03/07 08:15
MW-2	T700438-02	Water	03/29/07 16:20	04/03/07 08:15
MW-3	T700438-03	Water	03/29/07 16:55	04/03/07 08:15
MW-4	T700438-04	Water	03/29/07 18:30	04/03/07 08:15

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.



Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

**MW-1
 T700438-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	2000	50	ug/l	1	7040306	04/03/07	04/03/07	EPA 8015m
Surrogate: 4-Bromofluorobenzene		111 %	65-135		"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	7040305	04/03/07	04/04/07	EPA 8260B
Bromochloromethane	ND	1.0	"	"	"	"	"	"
Bromodichloromethane	ND	1.0	"	"	"	"	"	"
Bromoform	ND	1.0	"	"	"	"	"	"
Bromomethane	ND	1.0	"	"	"	"	"	"
n-Butylbenzene	2.4	1.0	"	"	"	"	"	"
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"
Chlorobenzene	ND	1.0	"	"	"	"	"	"
Chloroethane	ND	1.0	"	"	"	"	"	"
Chloroform	ND	1.0	"	"	"	"	"	"
Chloromethane	ND	1.0	"	"	"	"	"	"
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"
Dibromochloromethane	ND	1.0	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"
Dibromomethane	ND	1.0	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"
Isopropylbenzene	4.6	1.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"

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.



PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

MW-1
T700438-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methylene chloride	ND	1.0	ug/l	1	7040305	04/03/07	04/04/07	EPA 8260B	
Naphthalene	19	1.0	"	"	"	"	"	"	
n-Propylbenzene	8.0	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	12	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	54	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	30	0.50	"	"	"	"	"	"	
Toluene	23	0.50	"	"	"	"	"	"	
Ethylbenzene	85	0.50	"	"	"	"	"	"	
m,p-Xylene	380	10	"	10	"	"	04/05/07	"	
o-Xylene	170	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	04/04/07	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %		88.8-117	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %		83.5-119	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		98.1 %		78.6-135	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

MW-2
T700438-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	2100	50	ug/l	1	7040306	04/03/07	04/03/07	EPA 8015m
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>111 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	7040305	04/03/07	04/05/07	EPA 8260B
Bromochloromethane	ND	1.0	"	"	"	"	"	"
Bromodichloromethane	ND	1.0	"	"	"	"	"	"
Bromoform	ND	1.0	"	"	"	"	"	"
Bromomethane	ND	1.0	"	"	"	"	"	"
n-Butylbenzene	16	1.0	"	"	"	"	"	"
sec-Butylbenzene	4.8	1.0	"	"	"	"	"	"
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"
Chlorobenzene	ND	1.0	"	"	"	"	"	"
Chloroethane	ND	1.0	"	"	"	"	"	"
Chloroform	ND	1.0	"	"	"	"	"	"
Chloromethane	ND	1.0	"	"	"	"	"	"
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"
Dibromochloromethane	ND	1.0	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"
Dibromomethane	ND	1.0	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"
Isopropylbenzene	49	1.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

MW-2
T700438-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methylene chloride	ND	1.0	ug/l	1	7040305	04/03/07	04/05/07	EPA 8260B	
Naphthalene	190	5.0	"	5	"	"	"	"	
n-Propylbenzene	70	1.0	"	1	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	1.2	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	51	0.50	"	"	"	"	"	"	
Toluene	1.3	0.50	"	"	"	"	"	"	
Ethylbenzene	12	0.50	"	"	"	"	"	"	
m,p-Xylene	4.5	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1.1	1.0	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		108 %		88.8-117	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		109 %		83.5-119	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		101 %		78.6-135	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

MW-3
T700438-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	ND	50	ug/l	1	7040306	04/03/07	04/03/07	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>79.4 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	7040305	04/03/07	04/05/07	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

MW-3
T700438-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methylene chloride	ND	1.0	ug/l	1	7040305	04/03/07	04/05/07	EPA 8260B	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	11	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>108 %</i>	<i>88.8-117</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>106 %</i>	<i>83.5-119</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>103 %</i>	<i>78.6-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

MW-4
T700438-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	ND	50	ug/l	1	7040306	04/03/07	04/03/07	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>78.0 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	7040305	04/03/07	04/04/07	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

MW-4
T700438-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methylene chloride	ND	1.0	ug/l	1	7040305	04/03/07	04/04/07	EPA 8260B	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>106 %</i>	<i>88.8-117</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>105 %</i>	<i>83.5-119</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>96.6 %</i>	<i>78.6-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
4703 Tidewater Ave Ste B
Oakland CA, 94601

Project: Palace Garage
Project Number: 575-6G018
Project Manager: Brand Burfield

Reported:
04/06/07 15:03

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
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Batch 7040306 - EPA 5030 GC

Blank (7040306-BLK1)

Prepared & Analyzed: 04/03/07

Surrogate: 4-Bromofluorobenzene	35.4		ug/l	50.0		70.8	65-135			
C6-C12 (GRO)	ND	50	"							

LCS (7040306-BS1)

Prepared & Analyzed: 04/03/07

Surrogate: 4-Bromofluorobenzene	46.4		ug/l	50.0		92.8	65-135			
C6-C12 (GRO)	5690	50	"	5500		103	75-125			

LCS Dup (7040306-BSD1)

Prepared & Analyzed: 04/03/07

Surrogate: 4-Bromofluorobenzene	43.7		ug/l	50.0		87.4	65-135			
C6-C12 (GRO)	5560	50	"	5500		101	75-125	2.31	20	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

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
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Batch 7040305 - EPA 5030 GCMS

Blank (7040305-BLK1)

Prepared: 04/03/07 Analyzed: 04/04/07

<i>Surrogate: Toluene-d8</i>	8.54		ug/l	8.00		107	88.8-117			
<i>Surrogate: 4-Bromofluorobenzene</i>	8.80		"	8.00		110	83.5-119			
<i>Surrogate: Dibromofluoromethane</i>	9.06		"	8.00		113	78.6-135			
Bromobenzene	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
 4703 Tidewater Ave Ste B
 Oakland CA, 94601

Project: Palace Garage
 Project Number: 575-6G018
 Project Manager: Brand Burfield

Reported:
 04/06/07 15:03

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
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Batch 7040305 - EPA 5030 GCMS

Blank (7040305-BLK1)

Prepared: 04/03/07 Analyzed: 04/04/07

Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							CC-L
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							

LCS (7040305-BS1)

Prepared: 04/03/07 Analyzed: 04/05/07

Surrogate: Toluene-d8	8.67		ug/l	8.00		108	88.8-117			
Surrogate: 4-Bromofluorobenzene	8.81		"	8.00		110	83.5-119			
Surrogate: Dibromofluoromethane	8.48		"	8.00		106	78.6-135			
Chlorobenzene	18.2	1.0	"	20.0		91.0	75-125			
1,1-Dichloroethene	17.7	1.0	"	20.0		88.5	75-125			
Trichloroethene	19.9	1.0	"	20.0		99.5	75-125			
Benzene	18.9	0.50	"	20.0		94.5	75-125			
Toluene	20.1	0.50	"	20.0		100	75-125			

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
4703 Tidewater Ave Ste B
Oakland CA, 94601

Project: Palace Garage
Project Number: 575-6G018
Project Manager: Brand Burfield

Reported:
04/06/07 15:03

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
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Batch 7040305 - EPA 5030 GCMS

LCS Dup (7040305-BSD1)

Prepared: 04/03/07 Analyzed: 04/05/07

Surrogate: Toluene-d8	8.57		ug/l	8.00		107	88.8-117			
Surrogate: 4-Bromofluorobenzene	8.73		"	8.00		109	83.5-119			
Surrogate: Dibromofluoromethane	8.54		"	8.00		107	78.6-135			
Chlorobenzene	18.2	1.0	"	20.0		91.0	75-125	0.00	20	
1,1-Dichloroethene	17.7	1.0	"	20.0		88.5	75-125	0.00	20	
Trichloroethene	18.6	1.0	"	20.0		93.0	75-125	6.75	20	
Benzene	18.4	0.50	"	20.0		92.0	75-125	2.68	20	
Toluene	19.8	0.50	"	20.0		99.0	75-125	1.50	20	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

PSI -- Oakland
4703 Tidewater Ave Ste B
Oakland CA, 94601

Project: Palace Garage
Project Number: 575-6G018
Project Manager: Brand Burfield

Reported:
04/06/07 15:03

Notes and Definitions

CC-L The %D recovery for this analyte was below the acceptance criteria of 20% in the CCV. Sample results should be considered bias low.

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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Albert Vargas For Maria Bonifacio, Project Coordinator

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

Chain of Custody Record

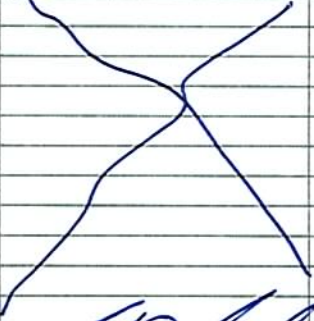
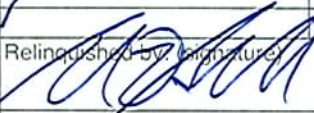
T 706438

Client: PSI
 Address: 4703 TIDEWATER AVE, STE B, OAKLAND CA 94601
 Phone: (510) 434-9200 Fax: (510) 434-7676
 Project Manager: BRAND BURFIELD

Date: 5/30/07 Page: 1 Of 1
 Project Name: PALACE GARAGE
 Collector: BWB / CMC Client Project #: 575-6G018
 Batch #: _____

EF# T0600101043

COC 72066

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	Laboratory ID #	Comments/Preservative	Total # of containers			
MW-1	3/29/07	15:40	WATER	40 ml VOAAS	X	X				X				01	HCl	4			
MW-2	↓	16:20	↓	↓	X	X				X				02	↓	4			
MW-3	↓	16:55	↓	↓	X	X				X				03	↓	4			
MW-4	↓	18:30	↓	↓	X	X				X				04	↓	4			
																			
Relinquished by: (signature)		Date / Time		Received by: (signature)			Date / Time			Total # of containers		Chain of Custody seals		Seals intact?		Received good condition/cold		Notes	
		4/2/07		GSO ARDEN # 103946345			4/3/07 18:00			16		Y/N/NA		Y		9.0°C			
Relinquished by: (signature)		Date / Time		Received by: (signature)			Date / Time			Turn around time:									
6750		4/3/07 0815		Mr. Gini			4/3/07 0815			STD									
Relinquished by: (signature)		Date / Time		Received by: (signature)			Date / Time												

Sample disposal Instructions: Disposal @ \$2.00 each _____ Return to client _____ Pickup _____