

**THIRD QUARTER 2006
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

October 27, 2006
575-6G018

TABLE OF CONTENTS

STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION..... i

1.0 INTRODUCTION 1

 1.1 SITE BACKGROUND 1

2.0 GROUNDWATER MONITORING ACTIVITIES 2

 2.1 GROUNDWATER ELEVATION AND HYDRAULIC GRADIENT 2

 2.2 GROUNDWATER SAMPLING 2

 2.3 LABORATORY ANALYSIS RESULTS AND DISCUSSION 3

3.0 SUMMARY AND CONCLUSIONS 4

4.0 RECOMMENDATIONS..... 4

FIGURES

- FIGURE 1: SITE LOCATION MAP
- FIGURE 2: GROUNDWATER ELEVATION MAP

TABLES

- TABLE 1: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

APPENDICES

- APPENDIX A: GROUNDWATER PURGE LOGS
- APPENDIX B: LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORMS

Alameda County
NOV 01 2006
Environmental Health

October 30, 2006

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**

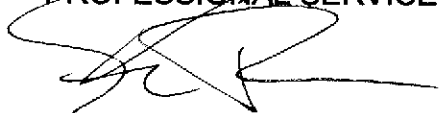
Alameda County
NOV 01 2006
Environmental Health

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

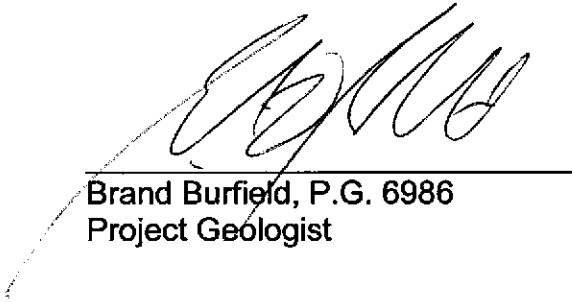
The information provided in this Site Investigation prepared by PSI, Project Number 575-6G018, is intended exclusively for Kerry & Associates for the evaluation of groundwater contamination as it pertains to the subject property in San Leandro, California at the time the activities were conducted. The 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.
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. 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 µg/L) and in MW-2 (1,800 µg/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.

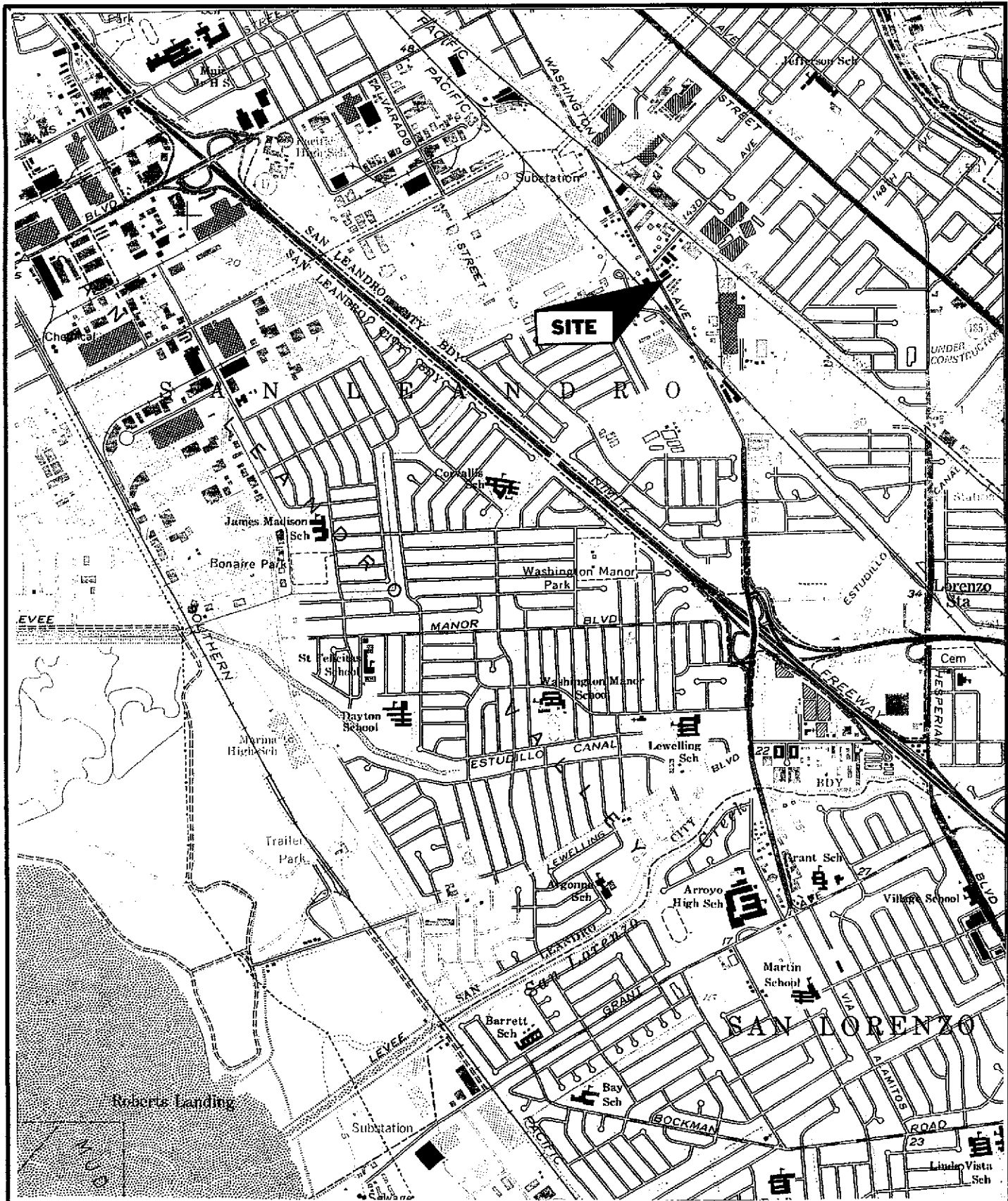
3.0 SUMMARY AND CONCLUSIONS

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.

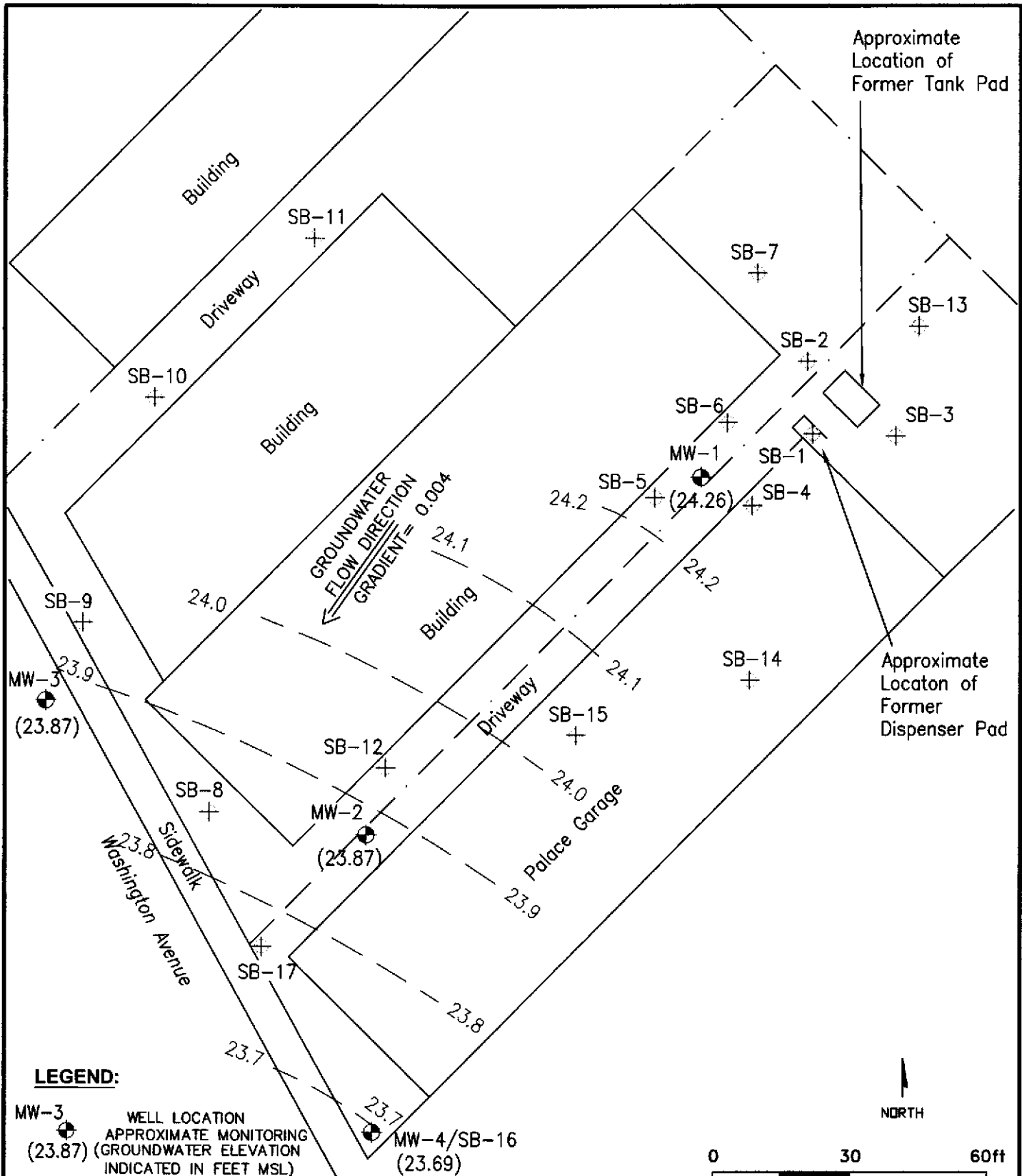


REFERENCE:
 U.S.G.S. SAN LEANDRO, CA 1969
 PHOTOREVISED 1980

PSI Information
 To Build On
 Engineering • Consulting • Testing

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

Project Name: PALACE GARAGE 14386 WASHINGTON AVENUE, SAN LEANDRO, CA		Drawn By: M.G.	Date: 10/06	File No.: 6C018-001	Figure No.: 1
Title: LOCATION MAP		Approved By: P.P.	Project No.: 575-6G018		



REFERENCE:

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

psi Information To Build On
 Engineering • Consulting • Testing

Project Name: PALACE GARAGE
 14336 WASHINGTON AVENUE, SAN LEANDRO, CA

Title: SITE PLAN AND GROUNDWATER CONTOUR MAP

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

Drawn By: M.C.	Date: 10/06	File No.: 6G018-002	Figure No.: 2
Approved By: F.P.	Project No.: 575-6G018		

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

Sample I.D.	Date	TOC Elevation (feet msl)*	Depth To Groundwater	Groundwater Elevation (feet msl)*	TPH-G	MTBE	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

All contaminants 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 test result

<0.5 = Concentration below indicated detection limit

FLUID MEASUREMENT FIELD DATA

SHEET: 1 OF 1

DATE: 9/22/06		PROJECT NAME: Palace Garage				PROJECT NO: 575-66018		
WATER LEVEL MEASUREMENT INSTRUMENT: Solinst				SERIAL NO:				
PRODUCT DETECTION INSTRUMENT:				SERIAL NO:				
EQUIP. DECON: <input type="checkbox"/> ALCONOX WASH <input type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE								
<input type="checkbox"/> TAP WATER WASH <input type="checkbox"/> LIQUINOX WASH <input type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT <input type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> 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				13.25	24.00			12:30
MW-3				13.14	24.00			12:25
MW-4				13.40	22.50			12:20

REMEMBER TO CORRECT PRODUCT THICKNESS FOR DENSITY BEFORE CALCULATING WATER TABLE ELEVATION PREPARED BY: BS

WELL NO: MW-1

DATE: 7/22/06 PROJECT NAME: Palace Farms

PROJECT NO: 60-013

WEATHER CONDITIONS:

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) 13.33 FT.

LENGTH OF WATER 10.67 FT. CALCULATED ONE WELL VOLUME¹: ~1.8 GAL

PURGING DEVICE: 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:

ACTUAL TIME (MIN)	CUMUL VOLUME PURGED (GAL)	TEMP <input type="checkbox"/> °F <input type="checkbox"/> °C	SPECIFIC CONDUCT.	pH	DISS. OXYGEN	TURBIDITY (NTUs)	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)
12:55	INITIAL	19.2	874.2	9.39			CL	
12:59	2	18.5	871.0	9.43			CL	
13:03	4	18.1	888.2	9.40			CL	odor
13:05	6	17.9	874.1	9.41			CL	

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

NOTES: SAMPLE TIME: 13:05 ID# MW-1
 DUPLICATE TIME: ID#:
 EQUIP. BLANK: TIME: ID#:
 PREPARED BY:

¹A 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

WELL NO: MW-2

DATE: 9/22/06 PROJECT NAME: Palace Garage

PROJECT NO: 612018

WEATHER CONDITIONS:

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) 13.25 FT.

LENGTH OF WATER 10.75 FT. CALCULATED ONE WELL VOLUME¹: ~1.8 GAL

PURGING DEVICE: DEDICATED DISPOSABLE DECONTAMINATED

SAMPLING DEVICE: DEDICATED DISPOSABLE DECONTAMINATED

EQUIP. DECON. TAP WATER WASH ISOPROPNOL 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 TIME (MIN)	CUMUL VOLUME PURGED (GAL)	TEMP <input type="checkbox"/> °F <input type="checkbox"/> °C	SPECIFIC CONDUCT.	pH	DISS. OXYGEN	TURBIDITY (NTUs)	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)
13:20	INITIAL	18.3	1049	9.28			Co	
13:24	2	18.1	1043	9.27			CL	
13:27	4	18.2	1023	9.28			CL	slight odor
13:29	6	18.0	1014	9.24			CL	

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

NOTES:

SAMPLE TIME: 13:32 ID# MW-2

DUPLICATE TIME: ID#:

EQUIP. BLANK: TIME: ID#:

PREPARED BY: RS

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 NO: MW-3

DATE: 9/22/06 PROJECT NAME: Palace Garage

PROJECT NO: 65015

WEATHER CONDITIONS:

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 1/4 FT.

LENGTH OF WATER 10.85 FT. CALCULATED ONE WELL VOLUME¹: 2.25 GAL

PURGING DEVICE: DEDICATED DISPOSABLE DECONTAMINATED

SAMPLING DEVICE: DEDICATED DISPOSABLE DECONTAMINATED

EQUIP. DECON. TAP WATER WASH ISOPROPNOL 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 TIME (MIN)	CUMUL VOLUME PURGED (GAL)	TEMP <input type="checkbox"/> °F <input checked="" type="checkbox"/> °C	SPECIFIC CONDUCT.	pH	DISS. OXYGEN	TURBIDITY (NTUs)	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)
13:45	INITIAL	20.2	72.2	9.30			CO	
13:48	2	19.9	665.0	9.25			CL	
13:51	4	19.8	650.3	9.23			CL	
13:54	6	19.6	652.4	9.22			CL	

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

NOTES: SAMPLE TIME: 13:56 ID# MW-3
 DUPLICATE TIME: ID#:
 EQUIP. BLANK: TIME: ID#:
 PREPARED BY: BS

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 NO: MW-4

DATE: 7/22/05 PROJECT NAME: Palace Garage

PROJECT NO: 56-018

WEATHER CONDITIONS:

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

SAMPLE TYPE: GROUNDWATER WASTEWATER SURFACE WATER OTHER

WELL DEPTH (TOC) 22.5 FT. DEPTH TO WATER BEFORE PURGING (TOC) 13.40 FT.

LENGTH OF WATER 9.10 FT. CALCULATED ONE WELL VOLUME¹: ~ 45 GAL

PURGING DEVICE: 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

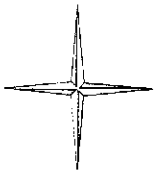
WATER ANALYZER MODEL & SERIAL NO:

ACTUAL TIME (MIN)	CUMUL VOLUME PURGED (GAL)	TEMP		SPECIFIC CONDUCT.	pH	DISS. OXYGEN	TURBIDITY (NTUs)	WATER APPEAR CL=CLEAR CO=CLOUDY TU=TURBID	REMARKS (EVIDENT ODOR, COLOR, PID)
		<input type="checkbox"/> °F	<input checked="" type="checkbox"/> °C						
14:08	INITIAL	24.0	888.6	9.21				TU	
14:12	.5	21.9	830.3	9.16				TU	
14:18	1.0	21.8	792.7	9.11				TU	
14:26	1.5	21.7	778.2	9.17				TU	

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

NOTES: SAMPLE TIME: 14:30 ID# MW-4
 DUPLICATE TIME: ID#:
 EQUIP. BLANK: TIME: ID#:
 PREPARED BY: BS

¹A 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



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

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

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.



John Shepler, Laboratory Director

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-1
T601319-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons 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		"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B
Bromochloromethane	ND	1.0	"	"	"	"	"	"
Bromodichloromethane	ND	1.0	"	"	"	"	"	"
Bromoform	ND	1.0	"	"	"	"	"	"
Bromomethane	ND	1.0	"	"	"	"	"	"
n-Butylbenzene	81	1.0	"	"	"	"	"	"
sec-Butylbenzene	13	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	73	1.0	"	"	"	"	"	"
p-Isopropyltoluene	5.2	1.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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-1
T601319-01 (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	6092523	09/25/06	10/02/06	EPA 8260B	
Naphthalene	560	5.0	"	5	"	"	10/02/06	"	
n-Propylbenzene	180	1.0	"	1	"	"	10/02/06	"	
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	1700	5.0	"	5	"	"	10/02/06	"	
1,2,4-Trimethylbenzene	1800	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	1	"	"	10/02/06	"	
Benzene	870	2.5	"	5	"	"	10/02/06	"	
Toluene	720	2.5	"	"	"	"	"	"	
Ethylbenzene	2200	2.5	"	"	"	"	"	"	
m,p-Xylene	6800	50	"	50	"	"	10/02/06	"	
o-Xylene	2900	25	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	10/02/06	"	
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>		101 %		88.8-117	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %		83.5-119	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		108 %		81.1-136	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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-2
T601319-02 (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)	1800	50	ug/l	1	6092651	09/26/06	09/28/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		94.6 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	35	1.0	"	"	"	"	"	"	
sec-Butylbenzene	4.0	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	39	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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-2
T601319-02 (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	6092523	09/25/06	10/02/06	EPA 8260B	
Naphthalene	180	1.0	"	"	"	"	"	"	"
n-Propylbenzene	75	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	1.8	1.0	"	"	"	"	"	"	"
1,3,5-Trimethylbenzene	2.2	1.0	"	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	"
Vinyl chloride	ND	0.50	"	"	"	"	"	"	"
Benzene	53	0.50	"	"	"	"	"	"	"
Toluene	1.4	0.50	"	"	"	"	"	"	"
Ethylbenzene	14	0.50	"	"	"	"	"	"	"
m,p-Xylene	7.5	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	ND	1.0	"	"	"	"	"	"	"

Surrogate: Toluene-d8		104 %		88.8-117	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		102 %		83.5-119	"	"	"	"	"
Surrogate: Dibromofluoromethane		109 %		81.1-136	"	"	"	"	"

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	ND	50	ug/l	1	6092651	09/26/06	09/28/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		92.4 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	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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John Shepler, Laboratory Director

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	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methylene chloride	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	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	17	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	0.50	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Surrogate: Toluene-d8		102 %	88.8-117	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	83.5-119	"	"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	81.1-136	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	ND	50	ug/l	1	6092651	09/26/06	09/28/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		91.6 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	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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John Shepler, Laboratory Director

PS1 -- 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	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methylene chloride	ND	1.0	ug/l	1	6092523	09/25/06	10/02/06	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	0.50	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Surrogate: Toluene-d8		103 %	88.8-117	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	83.5-119	"	"	"	"	"	
Surrogate: Dibromofluoromethane		110 %	81.1-136	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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

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 6092651 - EPA 5030 GC

Blank (6092651-BLK1)

Prepared: 09/26/06 Analyzed: 09/28/06

Surrogate: 4-Bromofluorobenzene	46.3		ug/l	50.0		92.6	65-135			
C6-C12 (GRO)	ND	50	"							

LCS (6092651-BS1)

Prepared: 09/26/06 Analyzed: 09/28/06

Surrogate: 4-Bromofluorobenzene	50.4		ug/l	50.0		101	65-135			
C6-C12 (GRO)	5760	50	"	5500		105	75-125			

Matrix Spike (6092651-MS1)

Source: T601319-04

Prepared: 09/26/06 Analyzed: 09/28/06

Surrogate: 4-Bromofluorobenzene	49.5		ug/l	50.0		99.0	65-135			
C6-C12 (GRO)	5550	50	"	5500	ND	101	65-135			

Matrix Spike Dup (6092651-MSD1)

Source: T601319-04

Prepared: 09/26/06 Analyzed: 09/28/06

Surrogate: 4-Bromofluorobenzene	51.9		ug/l	50.0		104	65-135			
C6-C12 (GRO)	5610	50	"	5500	ND	102	65-135	1.08	20	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6092523 - EPA 5030 GCMS

Blank (6092523-BLK1)

Prepared: 09/25/06 Analyzed: 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	37.2		"	40.0		93.0	81.1-136			
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	"							

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John Shepler, Laboratory Director

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

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 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	"							
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	0.50	"							
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	"							
Ethyl acrylate	ND	5.0	"							

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John Shepler, Laboratory Director

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

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 6092523 - EPA 5030 GCMS

LCS (6092523-BS1)

Prepared: 09/25/06 Analyzed: 09/29/06

Surrogate: Toluene-d8	40.8		ug/l	40.0		102	88.8-117			
Surrogate: 4-Bromofluorobenzene	45.1		"	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	"	100		81.4	75-125			
Trichloroethene	81.0	1.0	"	100		81.0	75-125			
Benzene	94.7	0.50	"	100		94.7	75-125			
Toluene	82.2	0.50	"	100		82.2	75-125			

Matrix Spike (6092523-MS1)

Source: T601321-01

Prepared: 09/25/06 Analyzed: 09/29/06

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		"	40.0		104	81.1-136			
Chlorobenzene	98.2	1.0	"	100	ND	98.2	75-125			
1,1-Dichloroethene	88.1	1.0	"	100	ND	88.1	75-125			
Trichloroethene	88.6	1.0	"	100	ND	88.6	75-125			
Benzene	104	0.50	"	100	1.9	102	75-125			
Toluene	85.6	0.50	"	100	0.49	85.1	75-125			

Matrix Spike Dup (6092523-MSD1)

Source: T601321-01

Prepared: 09/25/06 Analyzed: 09/29/06

Surrogate: Toluene-d8	40.2		ug/l	40.0		100	88.8-117			
Surrogate: 4-Bromofluorobenzene	48.4		"	40.0		121	83.5-119			S-GC
Surrogate: Dibromofluoromethane	43.2		"	40.0		108	81.1-136			
Chlorobenzene	98.0	1.0	"	100	ND	98.0	75-125	0.204	20	
1,1-Dichloroethene	81.8	1.0	"	100	ND	81.8	75-125	7.42	20	
Trichloroethene	84.5	1.0	"	100	ND	84.5	75-125	4.74	20	
Benzene	93.4	0.50	"	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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John Shepler, Laboratory Director

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

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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John Shepler, Laboratory Director

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

Chain of Custody Record

1601519

Client: PSI
 Address: 4703 Tidewater Ave Ste B Oakland, CA
 Phone: (510) 434-9200 Fax: (510) 434-7676 ⁹⁴⁶⁰¹
 Project Manager: Frank Pass

Date: 9/22/06 Page: 1 Of 1
 Project Name: Palace Garage
 Collector: B.S. Client Project #: 575-66-018
 Batch #: _____ EDF #: _____

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	9/22/06	13:05	water	VOCs	X					X				01	HCl	1
MW-2	↓	13:32	↓	↓	X					X				02		1
MW-3	↓	13:56	↓	↓	X					X				03		1
MW-4	↓	14:30			X					X				04		1

Relinquished by: (signature) <u>Brian Stezek</u>	Date / Time <u>9/22/06 17:00</u>	Received by: (signature) <u>GSO Adm. #11 #103946354</u>	Date / Time <u>9/23/06 0900</u>	Total # of containers <u>16</u> Chain of Custody seals <u>Y</u> N/NA Seals intact? <u>Y</u> N/NA Received good condition/cold <u>80</u> Turn around time: <u>Standard</u>	Notes
Relinquished by: (signature) <u>GSO</u>	Date / Time <u>9/23/06 0900</u>	Received by: (signature) <u>Bryon</u>	Date / Time <u>9/23/06 0900</u>		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time		

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