

# Soil & Groundwater Assessment

**CHP Property  
Garden Street/Yanonali  
Santa Barbara, California**

*Prepared for:*

**Mullen & Henzell**

*Prepared by:*

**Rincon Consultants, Inc.  
September 28, 2012**





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September 28, 2012  
Project 12-00473

Graham Lyons  
Mullen & Henzell  
112 East Victoria Street  
Santa Barbara, CA 93101

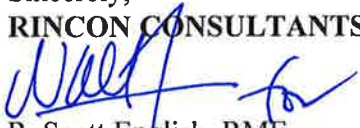
**Soil and Groundwater Assessment  
Wright & Company, CHP Property  
Garden Street/Yanonali, Santa Barbara, California**


Dear Mr. Lyons:

This report presents the findings of a soil and groundwater assessment conducted by Rincon Consultants, Inc. at the CHP property in Santa Barbara, California. The assessment was performed in accordance with our proposal and contract dated August 22, 2012.

Thank you for selecting Rincon for this project. If you have any questions or if we can be of any future assistance, please contact us.

Sincerely,  
**RINCON CONSULTANTS, INC.**

  
R. Scott English, RME  
Senior Project Manager

  
Walter Hamann, PG, CEG  
Vice President



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## EXECUTIVE SUMMARY

This report presents the results of a soil and groundwater assessment conducted by Rincon Consultants, Inc. on behalf of Mullen & Henzell at the Wright & Company CHP site in Santa Barbara, California. The subject property is developed with numerous industrial and commercial businesses.

The purpose of the soil and groundwater assessment was to determine if the soil and groundwater at the subject property are impacted with total petroleum hydrocarbon (TPH), volatile organic compounds (VOCs) or metals.

On September 6, 2012, a Geoprobe sampling rig was used to collect soil matrix and groundwater samples from 11 locations at the subject property. Soil samples were collected from each probe at depths of 3 and 8 feet below grade. Groundwater was encountered at a depth of approximately 10 feet below grade. Twenty-two soil matrix samples were analyzed for TPH by EPA Method 8260B and 8015M, VOCs by EPA Method 8260B and title 22 metals. The groundwater samples were analyzed for VOCs by EPA Method 8260B.

Eight of the 22 soil matrix samples analyzed for TPH had detectable levels of TPH in the diesel and oil range. The detectable concentrations of TPH ranged between 50 milligrams per kilogram (mg/kg) to 838 mg/kg. Two of the 22 soil matrix samples had detectable levels of VOCs including methyl tert-butyl ether (MTBE), ethylbenzene and xylenes. MTBE was detected at a concentration of 16.5 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ), ethylbenzene at 2.18  $\mu\text{g}/\text{kg}$  and xylenes at 12.54  $\mu\text{g}/\text{kg}$ . These three VOCs are all associated with gasoline. With the exception of arsenic, copper and lead, metals were detected at normal background concentrations. Arsenic was detected up to 72.7 mg/kg, copper up to 536 mg/kg and lead up to 310 mg/kg.

VOCs were detected in all of the 11 groundwater samples analyzed. VOCs detected included: acetone [up to 11.4 micrograms per liter ( $\mu\text{g}/\text{L}$ )], cis-1,2-Dichloroethene (up to 2.87  $\mu\text{g}/\text{L}$ ), MTBE (up to 108  $\mu\text{g}/\text{L}$ ), methylene chloride (up to 58.8  $\mu\text{g}/\text{L}$ ), tetrachloroethene [(PCE) up to 1.3  $\mu\text{g}/\text{L}$ ], 1,1,1-trichloroethane (up to 1.69  $\mu\text{g}/\text{L}$ ) and trichloroethene [(TCE) up to 14.7  $\mu\text{g}/\text{L}$ ].

The subject property is within the jurisdictional area of the Central Coast Regional Water Quality Control Board (RWQCB). The Central Coast RWQCB regulates groundwater quality in Santa Barbara County. The Santa Barbara County Fire Department Fire Prevention Division (FPD) provides regulatory oversight within the County of Santa Barbara for the assessment and mitigation of unauthorized releases into the environment. The FPD works in conjunction with the RWQCB. The goal of the FPD is to protect human health, water resources, and the environment from unauthorized releases by providing oversight in accordance with the California Health and Safety Code, California Fire Code and California Code of Regulations (FPD, Leaking Underground Fuel Tank (LUFT) & Site Mitigation Unit (SMU) Manual, January 2007).

The FPD has set Investigation Levels for concentrations of contaminants in soil and groundwater. The FPD requires that soil contamination be laterally and vertically delineated to Investigation Levels (Appendix C, LUFT & SMU Manual, January 2007). The FPD



Investigation Level (IL) for TPH (aggregate of all carbon chains) in the soil less than 50 feet above groundwater is 100 mg/kg. The FPD Investigation Level for MTBE is 5 mg/kg, for ethylbenzene is 70 mg/kg and total xylenes are 175 mg/kg. Soil matrix samples collected from B1, B4, B5, B7 and B8 exceeded the IL for TPH. The concentrations of MTBE, ethylbenzene and total xylenes did not exceed their soil matrix ILs.

To determine whether the elevated levels of arsenic, copper and lead in soil would be considered a California regulated hazardous waste, the concentrations detected in the soil were compared to their respective total threshold limit concentrations (TTLCs). None of the metal concentrations exceeded their respective TTLCs. However, arsenic, copper and lead were detected at a concentration that warranted the soluble threshold limit concentration (STLC) analysis. None of the STLC concentrations exceeded their respective STLC thresholds. Therefore, if the soil was excavated it would be classified as a non-hazardous waste.

VOCs were detected in all of the 11 groundwater samples analyzed. VOCs detected included acetone, cis-1,2-Dichloroethene, MTBE, methylene chloride, PCE, 1,1,1- trichloroethane and TCE. The concentrations of these constituents were compared to their maximum contaminant levels (MCLs). The MCL is used by the RWQCB and the FPD as a target cleanup levels for contaminants in groundwater. The groundwater samples collected from B2, B3 and B4 exceeded the primary MCL for MTBE (13 µg/L). The groundwater samples collected from B1, B4, B5, B6, B7, B8 and B11 exceeded the MCL for methylene chloride (5 µg/L). The groundwater samples collected from B8 and B9 exceeded the MCL for TCE (5 µg/L). None of the other VOCs detected exceeded their MCLs.

The soil matrix analytical results indicate that five of the soil borings locations have concentrations of TPH that exceed the FPD soil matrix ILs. These borings include B1, B4, B5, B7 and B8 (see Figure 2 for boring locations). The groundwater analytical results indicated that 10 of 11 of the boring locations have VOCs detected in groundwater at concentrations that exceed their MCLs.

## **INTRODUCTION**

This report presents the results of a soil and groundwater conducted by Rincon Consultants, Inc. on behalf of Mullen & Henzell at the Wright & Company CHP site in Santa Barbara, California. The subject property is developed with numerous industrial and commercial businesses.

The following sections provide an overview of the project history; describe the purpose and scope of the project, the physical setting, and sampling and analytical methodologies; provide the results of the sampling and analytical program and provide conclusions.

### **PURPOSE AND SCOPE**

The purpose of the soil and groundwater assessment was to determine if the soil and groundwater at the subject property are impacted with TPH, VOCs or metals.

Our scope of work included the following:



- Use a Geoprobe rig to advance 11 soil borings on the subject site.
- Collect soil matrix samples at 3 and 8 feet below grade as well as a groundwater sample from each boring location.
- Analyze the soil matrix samples for TPH-fuel fingerprint (TPH by EPA Method 8260B and 8015M), volatile organic compounds (VOCs by EPA Method 8260B), and 17 CCR metals. Analyze the groundwater samples for VOCs by EPA method 8260B.
- Preparation of an assessment report documenting our findings.

## **GEOLOGIC AND HYDROGEOLOGIC SETTING**

The project site is located within the Santa Barbara Basin of southern Santa Barbara County, California. The site is on a gently south-sloping coastal plain of stream-deposited sediments. These sediments were derived from erosion of the nearby Santa Ynez Mountains and local topographic highlands. Unconsolidated alluvium fills the Santa Barbara Basin. Below the site, the underlying bedrock is found at a depth of about 800 feet below ground surface (USGS Water-Resources Investigations Report, 86-4103). According to the Geologic Map of the Santa Barbara Quadrangle (Dibblee, 1986), the site is underlain by Quarternary-age alluvium. This alluvium is comprised of unconsolidated floodplain deposits of silt, sand, and gravel likely deposited by the Mission Creek and its ancestral equivalents. The inferred trace of the potentially active Mesa Fault is located within 1 mile of the site.

The site is within Unit 1 of the Santa Barbara Groundwater Basin. The Santa Barbara Formation and overlying unconsolidated Holocene alluvium comprise the water bearing zones within this unit. Aquifers within the Santa Barbara Groundwater Basin are used for domestic water supply. In general, the aquifers used for water supply are about 300 feet below grade near this site. Shallow groundwater has been encountered in the area at a depth of about 10 feet below ground surface. Groundwater flow in the site vicinity is generally east to southeast.

## **METHODOLOGY**

A Geoprobe sampling rig was used to collect soil matrix and groundwater samples from 11 locations at the subject property (samples B-1 through B-11; see Figure 2 for sample locations). The Geoprobos were drilled by Choice Drilling of West Hills, California on September 6, 2012 under the responsible oversight of a California professional geologist.

### **Soil Matrix Sampling**

The probes were advanced by hydraulically driving a two-inch diameter rod equipped with a soil sampling tool. Soil samples were collected from each probe at depths of 3 and 8 feet below grade. When the target sampling depth was reached, a decontaminated, stainless steel soil



sampler was attached to the end of the rod. The soil sampler is lined with a one-inch diameter acetate tube. By advancing this sampler into the soil, soil is forced into the opening of the sampling tube and a sample is obtained. Once the sampler was filled, it was retrieved. The designated sampling section (6-inch length) was retained for laboratory analysis. The sample was sealed with Teflon, capped, labeled, and stored in a cooler with blue ice pending delivery to the analytical laboratory. Soil within the rest of the acetate liner sections was used for soil classification and to screen for volatile organics using a photoionization detector (PID).

## **Groundwater Sampling**

For the groundwater sampling, the probe equipped with a groundwater sampling device at the base of the rod was advanced to the target sampling depth (2 to 3 feet below the water table surface at each location). Retracting the probe about 4 feet allowed a screened retractable tip to be exposed to the aquifer. A one-quarter-inch diameter bailer was then inserted into the rod and used to extract a groundwater sample. Samples were collected in 40-milliliter VOA vials. Care was taken to ensure no headspace or bubbles were created within the vials. The samples were labeled, placed in a sealable plastic bag and stored in a cooler with blue ice pending delivery to the analytical laboratory.

Upon completion of the sampling program, all probe holes were backfilled with bentonite chips and the surface was patched with concrete. Sampling equipment was decontaminated between use by washing with a non-phosphate detergent solution followed by a potable water rinse.

## **LABORATORY ANALYSIS**

The soil and groundwater samples were transported to American Scientific Laboratories of Los Angeles, California under chain-of-custody documentation. Twenty-two soil matrix samples were analyzed for TPH by EPA Method 8260B and 8015M, VOCs by EPA Method 8260B and Title 22 metals. All 11 groundwater samples were analyzed for VOCs by EPA Method 8260B.

# **RESULTS**

## **SOIL MATRIX SAMPLING**

No soil discoloration was noted and PID readings up to 2 parts per million by volume (ppmv) were measured in the soil samples collected. Soil was comprised of various mixtures of sand, silt and clay with some debris of block and brick building materials. Primarily, the soil was comprised of sandy silty clays and clayey sandy silts. Groundwater was encountered in the borings at a depth of approximately 10 feet below grade. Copies of the soil boring logs are included in Appendix 1.

A summary of the analytical program is included in Tables 1, 2 and 3. A copy of the laboratory analytical report is included in Appendix 2. Eight of the 22 soil matrix samples analyzed for TPH had detectable levels of TPH in the diesel and oil range. The detectable concentrations of TPH ranged between 50 milligrams per kilogram (mg/kg) to 838 mg/kg. Two of the 22 soil matrix samples had detectable levels of VOCs constituents associated with gasoline: methyl tert-



butyl ether (MTBE), ethylbenzene and xylenes. MTBE was detected at a concentration of 16.5 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ), ethylbenzene at 2.18  $\mu\text{g}/\text{kg}$  and xylenes at 12.54  $\mu\text{g}/\text{kg}$ . With the exception of arsenic, copper and lead, metals were detected at normal background concentrations. Arsenic was detected up to 72.7 mg/kg, copper up to 536 mg/kg and lead up to 310 mg/kg. The elevated levels of arsenic, copper and lead were detected at a concentration that warranted the soluble threshold limit concentration (STLC) analysis. No STLC arsenic was detected. STLC copper was detected at a concentration of 19.4 milligrams per liter (mg/L). STLC lead was detected up to 2.37 mg/L.

## **GROUNDWATER SAMPLING**

Results of the groundwater analytical program are summarized in Table 3, Groundwater Analytical Summary. VOCs were detected in all of the 11 groundwater samples analyzed. VOCs detected included acetone [up to 11.4 micrograms per liter ( $\mu\text{g}/\text{L}$ )], cis-1,2-Dichloroethane (up to 2.87  $\mu\text{g}/\text{L}$ ), MTBE (up to 108  $\mu\text{g}/\text{L}$ ), methylene chloride (up to 58.8  $\mu\text{g}/\text{L}$ ), tetrachloroethene [(PCE) up to 1.3  $\mu\text{g}/\text{L}$ ], 1,1,1-trichloroethene (up to 1.69  $\mu\text{g}/\text{L}$ ) and trichloroethene [(TCE) up to 14.7  $\mu\text{g}/\text{L}$ ]. A copy of the laboratory analytical report is included in Appendix 2

## **REGULATORY SETTING**

### **SOIL MATRIX**

The subject property is within the jurisdictional area of the Central Coast Regional Water Quality Control Board (RWQCB). The Central Coast RWQCB regulates groundwater quality in Santa Barbara County. The Santa Barbara County Fire Department Fire Prevention Division (FPD) provides regulatory oversight within the County of Santa Barbara for the assessment and mitigation of unauthorized UST releases into the environment. The FPD works in conjunction with the RWQCB. The goal of the FPD is to protect human health, water resources, and the environment from unauthorized releases by providing oversight in accordance with the California Health and Safety Code, California Fire Code and California Code of Regulations (FPD, Leaking Underground Fuel Tank (LUFT) & Site Mitigation Unit (SMU) Manual, January 2007).

The FPD has set Investigation Levels for concentrations of contaminants in soil and groundwater. The FPD requires that soil contamination be laterally and vertically delineated to Investigation Levels (Appendix C, LUFT & SMU Manual, January 2007). The FPD Investigation Level (IL) for TPH (aggregate of all carbon chains) in the soil less than 50 feet above groundwater is 100 mg/kg. The FPD Investigation Levels for MTBE is 5 mg/kg, for ethylbenzene is 70 mg/kg and total xylenes are 175 mg/kg. Soil matrix samples collected from B1, B5, B7 and B8 exceeded the IL for TPH. The concentrations of MTBE, ethylbenzene and total xylenes did not exceed their ILs.

To determine whether the elevated levels of arsenic, copper and lead in soil would be considered a California regulated hazardous waste, the concentrations detected in the soil were compared to their respective total threshold limit concentrations (TTLCs). None of the metal concentrations



exceeded their respective TTLCs. However, arsenic, copper and lead were detected at a concentration that warranted the soluble threshold limit concentration (STLC) analysis. None of the STLC concentrations detected exceeded their respective STLC thresholds. Therefore, if the soil was excavated the sample analyzed for metals would not classify the material as a hazardous waste.

## **GROUNDWATER**

VOCs were detected in all of the 11 groundwater samples analyzed. VOCs detected included acetone, cis-1,2-Dichloroethene, MTBE, methylene chloride, PCE, 1,1,1-trichloroethane and TCE. The concentrations of these constituents were compared to their maximum contaminant level (MCL). The MCL is used by the RWQCB and the FPD as a target cleanup levels for contaminants in groundwater. The groundwater samples collected from B2, B3 and B4 exceeded the primary MCL for MTBE (13 µg/L). The groundwater samples collected from B1, B4, B5, B6, B7, B8 and B11 exceeded the MCL for methylene chloride (5 µg/L). The groundwater samples collected from B8 and B9 exceeded the MCL for TCE (5 µg/L). None of the other VOCs detected exceeded their MCLs.

## **CONCLUSIONS**

The soil matrix analytical results indicate that five of the soil borings locations have concentrations of TPH that exceed the FPD ILs. These borings include B1, B4, B5, B7 and B8 (see Figure 2 for boring locations). The groundwater analytical results indicated that 10 of 11 of the boring locations have VOCs detected in groundwater at concentrations that exceed their MCLs.

The TPH contamination above the FPD ILs appears to be primarily located in the central portion of the CHP property. The TPH contamination on the property could be attributed to the various tenants on the property and their storage and use of petroleum hydrocarbons. Another potential source of the TPH could be from fill material historically buried on the property. The TPH contamination is found in both the 3 foot and 8 foot depths.

The groundwater analytical results indicated that 10 of 11 of the boring locations have VOCs detected in groundwater at concentrations that exceed their MCLs. A review of the State of California Geotracker website indicates that there are numerous cleanup sites in the vicinity of the subject property. Methylene chloride was detected above its MCL in the central portion of the site (B1, B4, B5, B6, B7, B8 and B11). The highest concentrations of methylene chloride (11 times higher than the MCL) in groundwater are located on the upgradient side of the site on southwestern portion of the subject property. The methylene chloride concentrations appear to decrease in the downgradient boring locations. The highest concentrations of MTBE (8 times higher than the primary MCL) in groundwater are present in the north central portion of the subject property (B2, B3 and B4). The highest concentrations of TCE (3 times higher than the MCL) in groundwater are present in the southern portion of the subject property (B8 and B9) and appear to slightly increase in the downgradient boring (B9).





## LIMITATIONS

This report has been prepared for and is intended for the exclusive use of Mullen & Henzell. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Our conclusions regarding the site are based on the results of a limited subsurface sampling program. The results of this evaluation are qualified by the fact that only limited sampling and analytical testing was conducted during this assessment.

This scope was not intended to completely establish the quantities and distribution of contaminants present at the site or to determine the cost to remediate the site. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Further, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.



**Table 1 - Soil Analytical Summary for TPH-G, TPH-D, TPH-O and VOCs  
CHP Property, Santa Barbara, California**

Sample Designation	Depth in Feet	TPH-G (mg/kg)	TPH-D (mg/kg)	TPH-O (mg/kg)	VOCs (ug/kg)
B1	3	ND	ND	ND	ND
B1	8	ND	ND	<b>816</b>	ND
B2	3	ND	ND	50	ND
B2	8	ND	ND	ND	ND
B3	3	ND	ND	ND	ND
B3	8	ND	ND	ND	ND
B4	3	ND	ND	<b>190</b>	ND
B4	8	ND	ND	ND	16.5 MTBE
B5	3	ND	ND	<b>838</b>	2.18 ethylbenzene, 12.54 xylenes
B5	8	ND	ND	<b>308</b>	ND
B6	3	ND	ND	ND	ND
B6	8	ND	ND	ND	ND
B7	3	ND	ND	<b>125</b>	ND
B7	8	ND	ND	ND	ND
B8	3	ND	66	<b>166</b>	ND
B8	8	ND	ND	ND	ND
B9	3	ND	ND	ND	ND
B9	8	ND	ND	ND	ND
B10	3	ND	ND	94	ND
B10	8	ND	ND	ND	ND
B11	3	ND	ND	ND	ND
B11	8	ND	ND	ND	ND
Detection Limit		0.5	ND	50	Varies - see laboratory report
FPD - IL		100	100	100	MTBE - 50, ethylbenzene 70,000, xylenes 175,000

Detections exceeding FPD ILs are in **bold**

FPD IL - Santa Barbara County Fire Department, Fire Prevention Division Investigation Levels

ND - Not detected above the method detection limit

TPH-G - Total Petroleum Hydrocarbons in the gasoline range

TPH-D - Total Petroleum Hydrocarbons in the Diesel Range

TPH-O - Total Petroleum Hydrocarbons in the Oil Range

mg/kg - milligrams per kilogram

ug/kg - micrograms per kilogram

Analyses:

TPH-G & VOCs - EPA Method 8260B

TPH-D & TPH-O - EPA Method 8015 Modified

**Table 2 - Soil Analytical Summary - Title 22 Metals (TTLC)  
CHP Property, Santa Barbara, California**

Sample Designation	Depth (feet)	17 CCR Metals																
		Results in milligrams per kilogram (mg/kg)																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molyb	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B1	3	<0.5	8.26	49.2	<0.5	1.61	20.5	6.41	13.4	6.2	<0.05	<0.5	20.9	<0.5	<0.5	<0.5	26.7	44
B1	8	<0.5	1.28	83.0	<0.5	2.60	16.1	5.06	14.2	11.8	0.06	1.95	19.8	<0.5	<0.5	<0.5	28.6	45
B2	3	<0.5	5.01	57.5	<0.5	1.30	22.4	4.08	9.7	5.5	<0.05	1.15	25.8	<0.5	<0.5	<0.5	21.7	34
B2	8	<0.5	2.68	108.0	<0.5	1.57	24	7.58	15.9	6.0	<0.05	0.80	24.3	<0.5	<0.5	<0.5	32.7	47
B3	3	<0.5	2.03	83.3	<0.5	1.17	16.6	5.77	9.5	3.2	<0.05	0.94	22.7	<0.5	<0.5	<0.5	21.8	31
B3	8	<0.5	2.04	63.5	<0.5	1.19	20.2	5.79	15.3	4.9	<0.05	0.65	19.6	<0.5	<0.5	<0.5	24.3	39
B4	3	<0.5	1.81	63.8	<0.5	1.43	16.1	3.60	16.0	66.9 (1.33*)	<0.05	0.66	16.6	<0.5	<0.5	<0.5	22.9	101
B4	8	<0.5	0.78	59.8	<0.5	1.58	13	3.86	5.0	4.0	<0.05	1.75	11.2	<0.5	<0.5	<0.5	18.6	25
B5	3	<0.5	1.00	90.1	<0.5	1.06	19.2	5.13	15.8	63.4 (0.524*)	<0.05	<0.5	14.3	<0.5	<0.5	<0.5	20.9	86
B5	8	<0.5	1.03	28.6	<0.5	0.85	13.7	3.56	8.1	3.8	<0.05	<0.5	13.5	<0.5	<0.5	<0.5	18.8	26
B6	3	<0.5	3.56	77.7	<0.5	1.64	13.3	3.46	23.8	44.5	0.13	0.63	13.7	<0.5	<0.5	<0.5	19.1	114
B6	8	<0.5	1.40	100.0	<0.5	1.49	23.8	9.03	17.1	7.5	<0.05	<0.5	25.9	<0.5	<0.5	<0.5	32.5	49
B7	3	<0.5	1.95	60.5	<0.5	1.35	13.2	3.68	13.8	5.9	<0.05	0.88	10.6	<0.5	<0.5	<0.5	21.6	123
B7	8	<0.5	1.31	26.8	<0.5	0.68	10.7	3.30	6.3	3.0	<0.05	<0.5	10.2	<0.5	<0.5	<0.5	13.9	18
B8	3	<0.5	1.55	73.9	<0.5	5.59	23.1	3.28	15.2	8.3	<0.05	3.80	25.8	<0.5	<0.5	<0.5	44.3	59
B8	8	<0.5	0.88	31.0	<0.5	0.62	10.7	4.68	6.0	3.2	<0.05	<0.5	10.6	<0.5	<0.5	<0.5	13.5	19
B9	3	1.92	72.7 (ND*)	44.9	<0.5	4.01	12.2	5.33	23.0	42.6	<0.05	3.05	18.6	<0.5	<0.5	<0.5	28.1	104
B9	8	0.60	1.07	30.9	<0.5	0.82	12.9	4.69	8.4	3.6	<0.05	<0.5	13.7	<0.5	<0.5	<0.5	17.3	25
B10	3	3.29	6.43	109.0	<0.5	5.14	45.7	20.00	536 (19.4*)	310 (2.37*)	0.80	3.87	35.8	<0.5	<0.5	<0.5	32.4	768
B10	8	<0.5	1.22	68.1	<0.5	1.12	17.7	4.85	11.5	5.5	<0.05	<0.5	18.9	<0.5	<0.5	<0.5	21.8	38
B11	3	<0.5	1.36	116.0	<0.5	1.07	17	2.79	12.0	18.2	<0.05	1.27	11.2	<0.5	<0.5	<0.5	19.4	113
B11	8	<0.5	2.60	77.2	<0.5	1.17	16.2	6.10	11.2	4.78	<0.05	<0.5	17.0	<0.5	<0.5	<0.5	23.4	31
Detection Limit		0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.05	0.50	0.5	0.50	0.5	0.5	0.5	0.5
Background Concentration		0.15-1.95	0.6-11	133-1,400	0.25-2.70	0.05-1.70	23-1,579	2.7-46.9	9.1-96.4	12.4-97.1	0.05-0.90	0.1- 9.6	9.0-509	0.015-0.430	0.10-8.3	0.17-1.1	39-288	88-236
STLC		15	5	100	0.75	1	5 or 560^	80	25	5	0.2	350	20	1	5	7	24	250
TTLC		500	500	10,000	75	100	500 or 2500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000

STLC - Soluble threshold limit concentration

TTLC - Total threshold limit concentration

\* - STLC concentration in milligrams per liter (mg/L)

Background Concentration = Kearney, Background Concentrations of Trace and Major Elements in California Soils, University of California, 1996

**Table 3- Groundwater Analytical Summary  
CHP Property, Santa Barbara, California**

Well ID	Date	Acetone	Chloroform (Trichloromethane)	1,1- Dichloroethane	cis-1,2- Dichloroethene	trans-1,2- Dichloroethene	Methyl tert- butyl ether (MTBE)	Methylene chloride	Tetrachloroethene (PCE)	1,1,1- Trichloroethane	Trichloroethene (TCE)	Other VOCs
B1-W	9/6/2012	11.4	<1.0	<1.0	<1.0	<1.0	0.345J	21	<1.0	<1.0	<1.0	ND
B2-W	9/6/2012	<5.0	<1.0	<1.0	<1.0	<1.0	22.1	<5.0	<1.0	<1.0	<1.0	ND
B3-W	9/6/2012	<5.0	<1.0	<1.0	<1.0	<1.0	19.4	<5.0	<1.0	<1.0	<1.0	ND
B4-W	9/6/2012	<5.0	<1.0	<1.0	<1.0	<1.0	108	7.73	<1.0	<1.0	<1.0	ND
B5-W	9/6/2012	<5.0	<1.0	<1.0	0.600J	<1.0	<2.0	7.6	<1.0	<1.0	2.52	ND
B6-W	9/6/2012	<5.0	0.590J	<1.0	<1.0	<1.0	<2.0	58.8	<1.0	<1.0	<1.0	ND
B7-W	9/6/2012	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	10.2	<1.0	<1.0	1.59	ND
B8-W	9/6/2012	<5.0	<1.0	<1.0	2.04	0.215J	<2.0	8.95	<1.0	<1.0	6.58	ND
B9-W	9/6/2012	<5.0	<1.0	<1.0	2.87	0.375J	<2.0	<5.0	0.990J	<1.0	14.7	ND
B10-W	9/6/2012	<5.0	<1.0	<1.0	2.12	<1.0	0.470J	<5.0	<1.0	<1.0	3.58	ND
B11-W	9/6/2012	<5.0	<1.0	0.575J	2.17	0.335J	<2.0	9.45	1.33	1.69	4.59	ND
Detection Limit		5	1	1	1	1	2	5	1	1	1	Varies
MCL		NE	NE	5	6	100	13	5	5	200	5	Varies

results in micrograms per liter (ug/L)

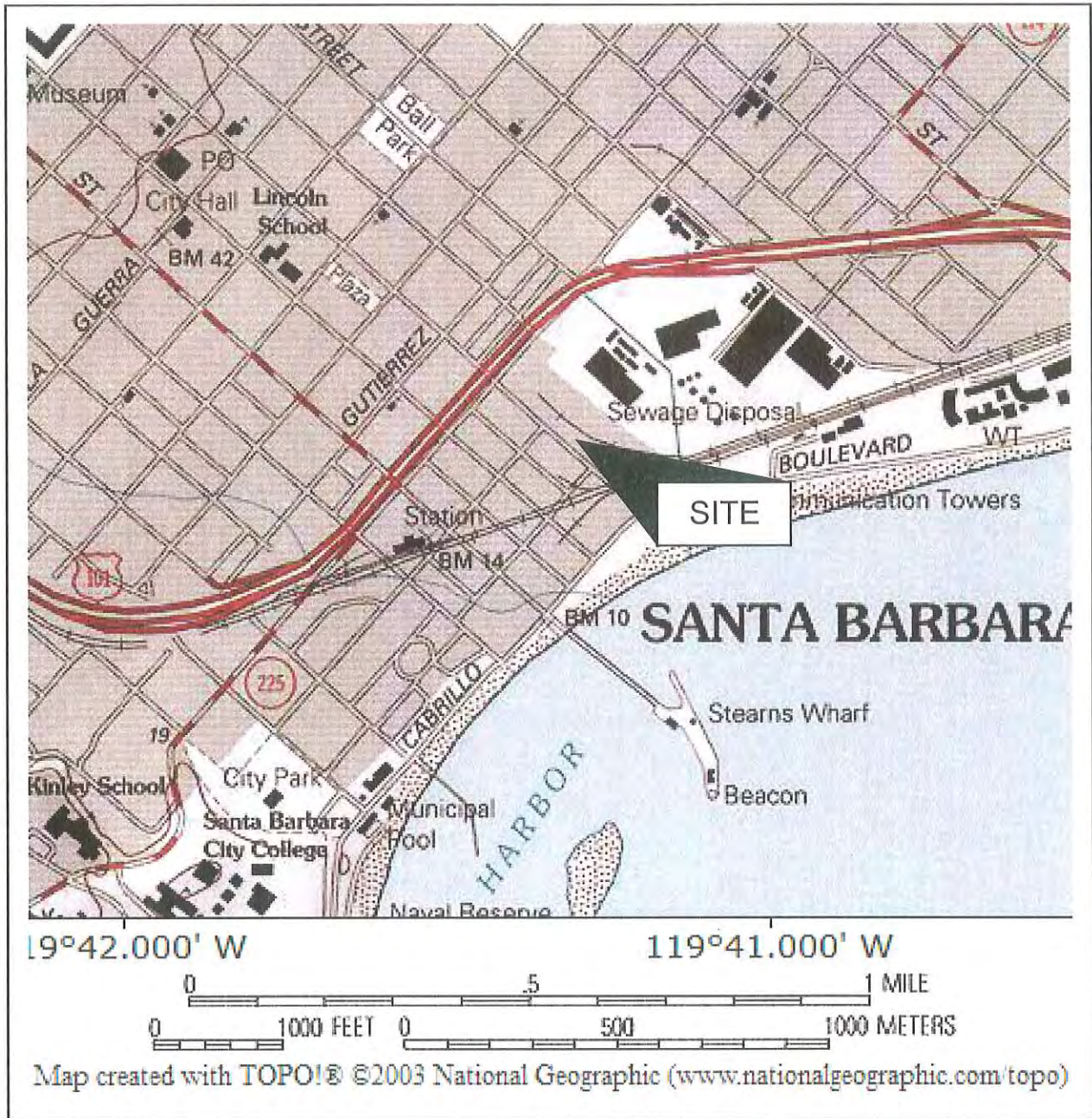
MCL - Maximum Contaminant Level for Drinking Water

J - Flag indicates detection is below the practical quantitation limit and above the method detection limit.

ND - Below the laboratory detection limit

NE - Not established

VOCs - Volatile Organic Compounds

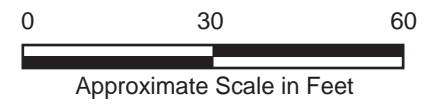


Vicinity Map

Figure 1



- Subject Property
  - Soil Boring Location
  - Soil Boring Location with concentrations of TPH in soil exceeding FPD ILs
- Soil Boring Location with Groundwater exceeding MCL for Methylene Chloride
  - Soil Boring Location with Groundwater exceeding MCL for MTBE
  - Soil Boring Location with Groundwater exceeding MCL for TCE



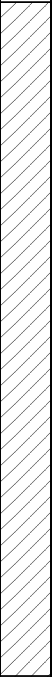
	<b>Site Map</b>	
CHP Property Santa Barbara, California		Figure 2

Appendix I  
Boring Logs

# LOG OF BORING B1

(Page 1 of 1)

Wright & Company CHP Santa Barbara, California 93101	Date Started : 9/6/2012 Date Completed : 9/6/2012 Drilling Method : Geoprobe Drilled By : Choice Drilling Logged By : T. Delaney	Location : Adjacent to Yanonali St.
	Project # 12-00473	

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Asphalt Base Material		
		CL		1	SANDY SILTY CLAY, 30% Sand, 35% Silt, 35% Clay, dark brown, moist, plastic, very fine sand, firm, no odor	0	
				2	less sand, more clay, very moist	0	
10							▼



# LOG OF BORING B2


Wright & Company CHP Santa Barbara, California 93101	Date Started : 9/6/2012	Location : Adjacent to Yanonali St.
	Date Completed : 9/6/2012	: NE of B1
Project # 12-00473	Drilling Method : Geoprobe	
	Drilled By : Choice Drilling	
	Logged By : T. Delaney	

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Asphalt Base Material		
				1	CLAYEY SANDY SILT, 15% Clay, 20% Sand, 65% Silt, grey, slightly moist, slightly plastic, very fine sand, soft, no odor	2	
5		ML					
				2	brown, moist	0	
10							▼

# LOG OF BORING B3

(Page 1 of 1)

Wright & Company CHP Santa Barbara, California 93101 Project # 12-00473	Date Started : 9/6/2012 Date Completed : 9/6/2012 Drilling Method : Geoprobe Drilled By : Choice Drilling Logged By : T. Delaney	Location : Adjacent to Garden St. : NE of B2

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID
0					Concrete Slab Base Material	
		ML		1	CLAYEY SANDY SILT, 15% Clay, 25% Sand, 60% Silt, light brown, slightly moist, slightly plastic, medium grained sand, soft, no odor	0
				2	increased clay, less silt, dark brown, high organic component, moist, fine and medium grained sand.	0
10						


# LOG OF BORING B4

(Page 1 of 1)

Wright & Company CHP Santa Barbara, California 93101 Project # 12-00473	Date Started : 9/6/2012 Date Completed : 9/6/2012 Drilling Method : Geoprobe Drilled By : Choice Drilling Logged By : T. Delaney	Location : Adjacent to Garden St. : SE of B3

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Asphalt Base Material		
		ML		1	SANDY CLAYEY SILT, 20% Clay, 35% Sand, 45% Silt, dark brown, moist, plastic, fine grained sand, firm, no odor	0	
5				2	CLAYEY SANDY SILT, 10% Clay, 45% Sand, 45% Silt, dark brown, slightly plastic, soft	0	
10							

Wright & Company CHP Santa Barbara, California 93101	Date Started : 9/6/2012 Date Completed : 9/6/2012 Drilling Method : Geoprobe Drilled By : Choice Drilling Logged By : T. Delaney	Location : Center of property : S of B4
	Project # 12-00473	

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Asphalt Base Material		
		ML		1	CLAYEY SANDY SILT, 20% Clay, 30% Sand, 50% Silt, dark brown, slightly moist, slightly plastic, fine medium and coarse well grained sand, soft, no odor, some asphalt fill present	0	
				2	increased clay, brown, moist, plastic, firm	0	
10							

Wright & Company CHP Santa Barbara, California 93101 Project # 12-00473	Date Started : 9/6/2012 Date Completed : 9/6/2012 Drilling Method : Geoprobe Drilled By : Choice Drilling Logged By : T. Delaney	Location : Santa Barbara St. Adjacent : SW of B5

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Compacted gravel and fill material		
				1	SAND, 5% silt, 45% gravel, 50% sand, light brown, slightly moist, fine grained gravel and coarse grained sand, soft, no odor.	0	
5		SW					
		ML		2	SANDY CLAYEY SILT, 10% Sand, 30% Clay, 60% Silt, dark brown, moist, plastic, fine frained sand firm, no odor	0	
10							▼

Wright & Company CHP Santa Barbara, California 93101	Date Started : 9/6/2012	Location : Santa Barbara St. Adjacent
	Date Completed : 9/6/2012	: SE of B6
Project # 12-00473	Drilling Method : Geoprobe	
	Drilled By : Choice Drilling	
	Logged By : T. Delaney	

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water level
0					Asphalt Base material		
				1	SILTY SAND, 10% Silt, 90% Sand, mixed with asphalt and gravel fill material, brown and black, slightly moist, fine grained gravel and coarse - medium grained sand, soft, no odor.	0	
5		SM					
				2	brown fine to medium grained sand, very soft	0	
10							▼

# LOG OF BORING B8

Wright & Company CHP Santa Barbara, California 93101	Date Started : 9/6/2012	Location : Santa Barbara St. Adjacent
	Date Completed : 9/6/2012	: SW of B7
Project # 12-00473	Drilling Method : Geoprobe	
	Drilled By : Choice Drilling	
	Logged By : T. Delaney	

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Asphalt Base material		
		SM		1	SILTY SAND, 20% Silt, 75% Sand, 5% brick fill material, brown and red, dry, fine to coarse grained sand and fine gravel 5%, no odor.	0	
				2	brown, slightly moist, fine grained sand, soft	0	
10							

# LOG OF BORING B9

Wright & Company CHP Santa Barbara, California 93101	Date Started : 9/6/2012 Date Completed : 9/6/2012 Drilling Method : Geoprobe Drilled By : Choice Dilling Logged By : T. Delaney	Location : Garden St. Adjacent : SE of B8
	Project # 12-00473	

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Pea gravel fill material		
				1	SILTY SAND, 25% Silt, 65% Sand, 10% Gravel, brown, dry, medium to coarse grained sand and fine gravel, very soft, no odor.	0	
5		SM					
				2	moist, medium to coarse grained sand, soft	1	
10							▼



# LOG OF BORING B10

(Page 1 of 1)

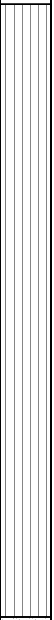

Wright & Company CHP Santa Barbara, California 93101 Project # 12-00473	Date Started : 9/6/2012 Date Completed : 9/6/2012 Drilling Method : Geoprobe Drilled By : Choice Drilling Logged By : T. Delaney	Location : Garden St. Adjacent : N of B9

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Compacted fill material		
		SM		1	SILTY SAND, 40% Silt, 50% Sand, 10% Gravel, brown, slightly moist, fine to medium grained sand and fine gravel, very loose, no odor.	0	
				2	increased sand, moist, fine to coarse grained sand,	0	
10							

# LOG OF BORING B11

(Page 1 of 1)

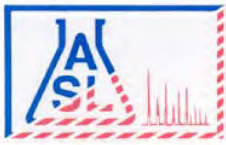
Wright & Company CHP Santa Barbara, California 93101	Date Started : 9/6/2012	Location : Garden St. Adjacent
	Date Completed : 9/6/2012	: N of B10
Project # 12-00473	Drilling Method : Geoprobe	
	Drilled By : Choice Drilling	
	Logged By : T. Delaney	

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	Sample	DESCRIPTION	PID	Water Level
0					Concrete Fill material		
				1	CLAYEY SANDY SILT, 15% Clay, 25% Sand, 60% Silt, dark brown, slightly moist, fine to medium grained sand, loose, no odor.	0	
5		ML					
		SW		2	SILTY SAND, 5% Silt, 95% Sand, brown, moist, fine to medium sand, very loose	1	
10							▼

Appendix 2  

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Laboratory Analytical Report



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

**Ordered By**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

**Number of Pages** 29

**Date Received** 09/07/2012

**Date Reported** 09/17/2012

**Telephone** (805)644-4455  
**Attn** Scott English

Job Number	Ordered	Client
54668	09/07/2012	RINCON

**Project ID:** 12-00473  
**Project Name:** CHP Property  
**Site:** 130 Garden St.  
Santa Barbara, Ca 93101

Enclosed are the results of analyses on 22 samples analyzed as specified on attached chain of custody.

Wendy Lu  
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.









**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garden St.  
 Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 2

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

QC Batch No: 091012-2

Our Lab I.D.		287982	287983	287984	287985	287986
Client Sample I.D.		B1-3	B1-8	B2-3	B2-8	B3-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/10/2012	09/10/2012	09/10/2012	09/10/2012	09/10/2012
Preparation Method						
Date Analyzed		09/14/2012	09/14/2012	09/14/2012	09/14/2012	09/14/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
<b>AA Metals</b>						
Mercury	0.0500	ND	0.0641	ND	ND	ND
<b>ICP Metals</b>						
Antimony	0.500	ND	ND	ND	ND	ND
Arsenic	0.250	8.26	1.28	5.01	2.68	2.03
Barium	0.500	49.2	83.0	57.5	108	83.3
Beryllium	0.500	ND	ND	ND	ND	ND
Cadmium	0.500	1.61	2.60	1.30	1.57	1.17
Chromium	0.500	20.5	16.1	22.4	24.0	16.6
Cobalt	0.500	6.41	5.06	4.08	7.58	5.77
Copper	0.500	13.4	14.2	9.73	15.9	9.51
Lead	0.250	6.24	11.8	5.45	6.00	3.20
Molybdenum	0.500	ND	1.95	1.15	0.802	0.935
Nickel	0.500	20.9	19.8	25.8	24.3	22.7
Selenium	0.500	ND	ND	ND	ND	ND
Silver	0.500	ND	ND	ND	ND	ND
Thallium	0.500	ND	ND	ND	ND	ND
Vanadium	0.500	26.7	28.6	21.7	32.7	21.8
Zinc	0.500	44.0	44.8	34.2	46.7	31.2

**QUALITY CONTROL REPORT**

QC Batch No: 091012-2

Analytes	LCS % REC	LCS/LCSD % Limit							
<b>AA Metals</b>									
Mercury	118	80-120							
<b>ICP Metals</b>									
Antimony	97	80-120							
Arsenic	96	80-120							







**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garden St.  
 Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

Page: **4**

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

QC Batch No: 091012-2

Our Lab I.D.		287987	287988	287989	287990	287991
Client Sample I.D.		B3-8	B4-3	B4-8	B10-3	B10-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/10/2012	09/10/2012	09/10/2012	09/10/2012	09/10/2012
Preparation Method						
Date Analyzed		09/14/2012	09/14/2012	09/14/2012	09/14/2012	09/14/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
<b>AA Metals</b>						
Mercury	0.0500	ND	ND	ND	0.800	ND
<b>ICP Metals</b>						
Antimony	0.500	ND	ND	ND	3.29	ND
Arsenic	0.250	2.04	1.81	0.775	6.43	1.22
Barium	0.500	63.5	63.8	59.8	109	68.1
Beryllium	0.500	ND	ND	ND	ND	ND
Cadmium	0.500	1.19	1.43	1.58	5.14	1.12
Chromium	0.500	20.2	16.1	13.0	45.7	17.7
Cobalt	0.500	5.79	3.60	3.86	20.0	4.85
Copper	0.500	15.3	16.0	5.02	536	11.5
Lead	0.250	4.90	66.9	4.03	310	5.45
Molybdenum	0.500	0.653	0.664	1.75	3.87	ND
Nickel	0.500	19.6	16.6	11.2	35.8	18.9
Selenium	0.500	ND	ND	ND	ND	ND
Silver	0.500	ND	ND	ND	ND	ND
Thallium	0.500	ND	ND	ND	ND	ND
Vanadium	0.500	24.3	22.9	18.6	32.4	21.8
Zinc	0.500	38.9	101	24.5	768	37.7

**QUALITY CONTROL REPORT**

QC Batch No: 091012-2

Analytes	LCS % REC	LCS/LCSD % Limit							
<b>AA Metals</b>									
Mercury	118	80-120							
<b>ICP Metals</b>									
Antimony	97	80-120							
Arsenic	96	80-120							





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**ANALYTICAL RESULTS**

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 Ventura, CA 93003-

**Site**

130 Garden St.  
 Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 6

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

QC Batch No: 091012-2

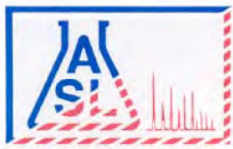
Our Lab I.D.		287992	287993	287994	287995	287996
Client Sample I.D.		B11-3	B11-8	B9-3	B9-8	B8-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/10/2012	09/10/2012	09/10/2012	09/10/2012	09/10/2012
Preparation Method						
Date Analyzed		09/14/2012	09/14/2012	09/14/2012	09/14/2012	09/14/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
<b>AA Metals</b>						
Mercury	0.0500	ND	ND	ND	ND	ND
<b>ICP Metals</b>						
Antimony	0.500	ND	ND	1.92	0.598	ND
Arsenic	0.250	1.36	2.60	72.7	1.07	1.55
Barium	0.500	116	77.2	44.9	30.9	73.9
Beryllium	0.500	ND	ND	ND	ND	ND
Cadmium	0.500	1.07	1.17	4.01	0.821	5.59
Chromium	0.500	17.0	16.2	12.2	12.9	23.1
Cobalt	0.500	2.79	6.10	5.33	4.69	3.28
Copper	0.500	12.0	11.2	23.0	8.39	15.2
Lead	0.250	18.2	4.78	42.6	3.56	8.32
Molybdenum	0.500	1.27	ND	3.05	ND	3.80
Nickel	0.500	11.2	17.0	18.6	13.7	25.8
Selenium	0.500	ND	ND	ND	ND	ND
Silver	0.500	ND	ND	ND	ND	ND
Thallium	0.500	ND	ND	ND	ND	ND
Vanadium	0.500	19.4	23.4	28.1	17.3	44.3
Zinc	0.500	113	31.3	104	24.7	58.8

**QUALITY CONTROL REPORT**

QC Batch No: 091012-2

Analytes	LCS % REC	LCS/LCSD % Limit							
<b>AA Metals</b>									
Mercury	118	80-120							
<b>ICP Metals</b>									
Antimony	97	80-120							
Arsenic	96	80-120							





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**ANALYTICAL RESULTS**

**Ordered By**

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 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garden St.  
 Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 8

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

QC Batch No: 091012-3

Our Lab I.D.		287997	287998	287999	288000	288001
Client Sample I.D.		B8-8	B7-3	B7-8	B6-3	B6-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		06/10/2012	06/10/2012	06/10/2012	06/10/2012	06/10/2012
Preparation Method						
Date Analyzed		06/14/2012	06/14/2012	06/14/2012	06/14/2012	06/14/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
<b>AA Metals</b>						
Mercury	0.0500	ND	ND	ND	0.126	ND
<b>ICP Metals</b>						
Antimony	0.500	ND	ND	ND	ND	ND
Arsenic	0.250	0.875	1.95	1.31	3.56	1.40
Barium	0.500	31.0	60.5	26.8	77.7	100
Beryllium	0.500	ND	ND	ND	ND	ND
Cadmium	0.500	0.623	1.35	0.675	1.64	1.49
Chromium	0.500	10.7	13.2	10.7	13.3	23.8
Cobalt	0.500	4.68	3.68	3.30	3.46	9.03
Copper	0.500	5.96	13.8	6.31	23.8	17.1
Lead	0.250	3.20	58.7	2.96	44.5	7.51
Molybdenum	0.500	ND	0.877	ND	0.629	ND
Nickel	0.500	10.6	10.6	10.2	13.7	25.9
Selenium	0.500	ND	ND	ND	ND	ND
Silver	0.500	ND	ND	ND	ND	ND
Thallium	0.500	ND	ND	ND	ND	ND
Vanadium	0.500	13.5	21.6	13.9	19.1	32.5
Zinc	0.500	18.7	123	18.4	114	49.1

**QUALITY CONTROL REPORT**

QC Batch No: 091012-3

Analytes	LCS % REC	LCS/LCSD % Limit							
<b>AA Metals</b>									
Mercury	107	80-120							
<b>ICP Metals</b>									
Antimony	102	80-120							
Arsenic	97	80-120							





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*Environmental Testing Services*

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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garden St.  
 Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

QC Batch No: 091012-3

Our Lab I.D.		288002	288003		
Client Sample I.D.		B5-3	B5-8		
Date Sampled		09/06/2012	09/06/2012		
Date Prepared		06/10/2012	06/10/2012		
Preparation Method					
Date Analyzed		06/14/2012	06/14/2012		
Matrix		Soil	Soil		
Units		mg/Kg	mg/Kg		
Dilution Factor		1	1		
Analytes	PQL	Results	Results		
<b>AA Metals</b>					
Mercury	0.0500	ND	ND		
<b>ICP Metals</b>					
Antimony	0.500	ND	ND		
Arsenic	0.250	0.998	1.03		
Barium	0.500	90.1	28.6		
Beryllium	0.500	ND	ND		
Cadmium	0.500	1.06	0.846		
Chromium	0.500	19.2	13.7		
Cobalt	0.500	5.13	3.56		
Copper	0.500	15.8	8.08		
Lead	0.250	63.4	3.76		
Molybdenum	0.500	ND	ND		
Nickel	0.500	14.3	13.5		
Selenium	0.500	ND	ND		
Silver	0.500	ND	ND		
Thallium	0.500	ND	ND		
Vanadium	0.500	20.9	18.8		
Zinc	0.500	86.2	25.8		

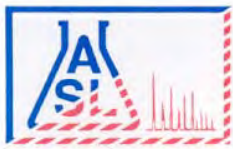
**QUALITY CONTROL REPORT**

QC Batch No: 091012-3

Analytes	LCS % REC	LCS/LCSD % Limit							
<b>AA Metals</b>									
Mercury	107	80-120							
<b>ICP Metals</b>									
Antimony	102	80-120							
Arsenic	97	80-120							







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ANALYTICAL RESULTS

**Ordered By**

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Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091112

Our Lab I.D.		287990	287991		
Client Sample I.D.		B10-3	B10-8		
Date Sampled		09/06/2012	09/06/2012		
Date Prepared		09/11/2012	09/11/2012		
Preparation Method					
Date Analyzed		09/11/2012	09/11/2012		
Matrix		Soil	Soil		
Units		ug/kg	ug/kg		
Dilution Factor		1	1		
Analytes	PQL	Results	Results		
Acetone	50.0	ND	ND		
Benzene	2.00	ND	ND		
Bromobenzene (Phenyl bromide)	10.0	ND	ND		
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND		
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND		
Bromoform (Tribromomethane)	50.0	ND	ND		
Bromomethane (Methyl bromide)	30.0	ND	ND		
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND		
n-Butylbenzene	10.0	ND	ND		
sec-Butylbenzene	10.0	ND	ND		
tert-Butylbenzene	10.0	ND	ND		
Carbon disulfide	10.0	ND	ND		
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND		
Chlorobenzene	10.0	ND	ND		
Chloroethane	30.0	ND	ND		
2-Chloroethyl vinyl ether	50.0	ND	ND		
Chloroform (Trichloromethane)	10.0	ND	ND		
Chloromethane (Methyl chloride)	30.0	ND	ND		
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND		
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND		
Dibromochloromethane	10.0	ND	ND		
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND		
Dibromomethane	10.0	ND	ND		
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND		
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND		
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND		
Dichlorodifluoromethane	30.0	ND	ND		
1,1-Dichloroethane	10.0	ND	ND		



ANALYTICAL RESULTS

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Project ID: 12-00473

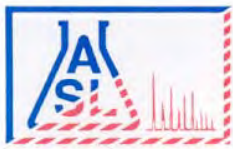
Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091112

Our Lab I.D.		287990	287991		
Client Sample I.D.		B10-3	B10-8		
Date Sampled		09/06/2012	09/06/2012		
Date Prepared		09/11/2012	09/11/2012		
Preparation Method					
Date Analyzed		09/11/2012	09/11/2012		
Matrix		Soil	Soil		
Units		ug/kg	ug/kg		
Dilution Factor		1	1		
Analytes	PQL	Results	Results		
1,2-Dichloroethane	10.0	ND	ND		
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND		
cis-1,2-Dichloroethene	10.0	ND	ND		
trans-1,2-Dichloroethene	10.0	ND	ND		
1,2-Dichloropropane	10.0	ND	ND		
1,3-Dichloropropane	10.0	ND	ND		
2,2-Dichloropropane	10.0	ND	ND		
1,1-Dichloropropene	10.0	ND	ND		
cis-1,3-Dichloropropene	10.0	ND	ND		
trans-1,3-Dichloropropene	10.0	ND	ND		
Ethylbenzene	2.00	ND	ND		
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND		
2-Hexanone	50.0	ND	ND		
Isopropylbenzene	10.0	ND	ND		
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND		
MTBE	5.00	ND	ND		
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND		
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND		
Naphthalene	10.0	ND	ND		
n-Propylbenzene	10.0	ND	ND		
Styrene	10.0	ND	ND		
1,1,1,2-Tetrachloroethane	10.0	ND	ND		
1,1,1,2-Tetrachloroethane	10.0	ND	ND		
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND		
Toluene (Methyl benzene)	2.00	ND	ND		
1,2,3-Trichlorobenzene	10.0	ND	ND		
1,2,4-Trichlorobenzene	10.0	ND	ND		
1,1,1-Trichloroethane	10.0	ND	ND		
1,1,2-Trichloroethane	10.0	ND	ND		
Trichloroethene (TCE)	10.0	ND	ND		
Trichlorofluoromethane	10.0	ND	ND		
1,2,3-Trichloropropane	10.0	ND	ND		
1,2,4-Trimethylbenzene	10.0	ND	ND		
1,3,5-Trimethylbenzene	10.0	ND	ND		
Vinyl acetate	50.0	ND	ND		



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**ANALYTICAL RESULTS**

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091112

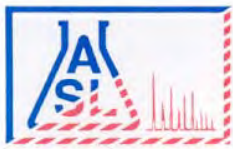
Our Lab I.D.		287990	287991			
Client Sample I.D.		B10-3	B10-8			
Date Sampled		09/06/2012	09/06/2012			
Date Prepared		09/11/2012	09/11/2012			
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
Vinyl chloride (Chloroethene)	30.0	ND	ND			
o-Xylene	2.00	ND	ND			
m- & p-Xylenes	4.00	ND	ND			

Our Lab I.D.		287990	287991			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	102	101			
Dibromofluoromethane	70-120	114	111			
Toluene-d8	70-120	100	101			

**QUALITY CONTROL REPORT**

QC Batch No: S1B-091112

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	90	91	1.1	75-120	15					
Chlorobenzene	97	99	2.0	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	85	87	2.3	75-120	15					
MTBE	111	114	2.7	75-120	15					
Toluene (Methyl benzene)	97	98	1.0	75-120	15					
Trichloroethene (TCE)	85	86	1.2	75-120	15					



# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

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### ANALYTICAL RESULTS

**Ordered By****Site**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

130 Garden St.  
Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091212

Our Lab I.D.		287992	287996	287999	288000	288001
Client Sample I.D.		B11-3	B8-3	B7-8	B6-3	B6-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Acetone	50.0	ND	ND	ND	ND	ND
Benzene	2.00	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	10.0	ND	ND	ND	ND	ND
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND	ND	ND	ND
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	50.0	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	30.0	ND	ND	ND	ND	ND
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND	ND	ND	ND
n-Butylbenzene	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	10.0	ND	ND	ND	ND	ND
Carbon disulfide	10.0	ND	ND	ND	ND	ND
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND	ND	ND	ND
Chlorobenzene	10.0	ND	ND	ND	ND	ND
Chloroethane	30.0	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50.0	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	30.0	ND	ND	ND	ND	ND
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND	ND	ND	ND
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND	ND	ND	ND
Dibromochloromethane	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND	ND	ND	ND
Dibromomethane	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	30.0	ND	ND	ND	ND	ND
1,1-Dichloroethane	10.0	ND	ND	ND	ND	ND



ANALYTICAL RESULTS

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091212

Our Lab I.D.		287992	287996	287999	288000	288001
Client Sample I.D.		B11-3	B8-3	B7-8	B6-3	B6-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
1,2-Dichloroethane	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10.0	ND	ND	ND	ND	ND
Ethylbenzene	2.00	ND	ND	ND	ND	ND
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND	ND	ND	ND
2-Hexanone	50.0	ND	ND	ND	ND	ND
Isopropylbenzene	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND	ND	ND	ND
MTBE	5.00	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND	ND	ND	ND
Naphthalene	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	10.0	ND	ND	ND	ND	ND
Styrene	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	10.0	ND	ND	ND	ND	ND
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	2.00	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	10.0	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	10.0	ND	ND	ND	ND	ND
Vinyl acetate	50.0	ND	ND	ND	ND	ND



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*Environmental Testing Services*

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**ANALYTICAL RESULTS**

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091212

Our Lab I.D.		287992	287996	287999	288000	288001
Client Sample I.D.		B11-3	B8-3	B7-8	B6-3	B6-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Vinyl chloride (Chloroethene)	30.0	ND	ND	ND	ND	ND
o-Xylene	2.00	ND	ND	ND	ND	ND
m- & p-Xylenes	4.00	ND	ND	ND	ND	ND

Our Lab I.D.		287992	287996	287999	288000	288001
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	102	116	101	108	105
Dibromofluoromethane	70-120	101	118	112	94	107
Toluene-d8	70-120	102	92	100	98	96

**QUALITY CONTROL REPORT**

QC Batch No: S1B-091212

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	94	90	4.3	75-120	15					
Chlorobenzene	102	99	3.0	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	86	5.6	75-120	15					
MTBE	101	104	2.9	75-120	15					
Toluene (Methyl benzene)	102	100	2.0	75-120	15					
Trichloroethene (TCE)	89	87	2.3	75-120	15					



AMERICAN SCIENTIFIC LABORATORIES, LLC  
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ANALYTICAL RESULTS

**Ordered By**

**Site**

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Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091212

Our Lab I.D.		288002	288003			
Client Sample I.D.		B5-3	B5-8			
Date Sampled		09/06/2012	09/06/2012			
Date Prepared		09/12/2012	09/12/2012			
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
Acetone	50.0	ND	ND			
Benzene	2.00	ND	ND			
Bromobenzene (Phenyl bromide)	10.0	ND	ND			
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND			
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND			
Bromoform (Tribromomethane)	50.0	ND	ND			
Bromomethane (Methyl bromide)	30.0	ND	ND			
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND			
n-Butylbenzene	10.0	ND	ND			
sec-Butylbenzene	10.0	ND	ND			
tert-Butylbenzene	10.0	ND	ND			
Carbon disulfide	10.0	ND	ND			
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND			
Chlorobenzene	10.0	ND	ND			
Chloroethane	30.0	ND	ND			
2-Chloroethyl vinyl ether	50.0	ND	ND			
Chloroform (Trichloromethane)	10.0	ND	ND			
Chloromethane (Methyl chloride)	30.0	ND	ND			
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND			
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND			
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND			
Dibromochloromethane	10.0	ND	ND			
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND			
Dibromomethane	10.0	ND	ND			
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND			
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND			
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND			
Dichlorodifluoromethane	30.0	ND	ND			
1,1-Dichloroethane	10.0	ND	ND			





ANALYTICAL RESULTS

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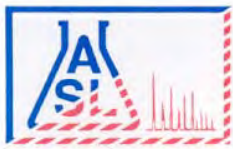
Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091212

Our Lab I.D.		288002	288003		
Client Sample I.D.		B5-3	B5-8		
Date Sampled		09/06/2012	09/06/2012		
Date Prepared		09/12/2012	09/12/2012		
Preparation Method					
Date Analyzed		09/12/2012	09/12/2012		
Matrix		Soil	Soil		
Units		ug/kg	ug/kg		
Dilution Factor		1	1		
Analytes	PQL	Results	Results		
1,2-Dichloroethane	10.0	ND	ND		
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND		
cis-1,2-Dichloroethene	10.0	ND	ND		
trans-1,2-Dichloroethene	10.0	ND	ND		
1,2-Dichloropropane	10.0	ND	ND		
1,3-Dichloropropane	10.0	ND	ND		
2,2-Dichloropropane	10.0	ND	ND		
1,1-Dichloropropene	10.0	ND	ND		
cis-1,3-Dichloropropene	10.0	ND	ND		
trans-1,3-Dichloropropene	10.0	ND	ND		
Ethylbenzene	2.00	2.18	ND		
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND		
2-Hexanone	50.0	ND	ND		
Isopropylbenzene	10.0	ND	ND		
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND		
MTBE	5.00	ND	ND		
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND		
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND		
Naphthalene	10.0	ND	ND		
n-Propylbenzene	10.0	ND	ND		
Styrene	10.0	ND	ND		
1,1,1,2-Tetrachloroethane	10.0	ND	ND		
1,1,2,2-Tetrachloroethane	10.0	ND	ND		
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND		
Toluene (Methyl benzene)	2.00	ND	ND		
1,2,3-Trichlorobenzene	10.0	ND	ND		
1,2,4-Trichlorobenzene	10.0	ND	ND		
1,1,1-Trichloroethane	10.0	ND	ND		
1,1,2-Trichloroethane	10.0	ND	ND		
Trichloroethene (TCE)	10.0	ND	ND		
Trichlorofluoromethane	10.0	ND	ND		
1,2,3-Trichloropropane	10.0	ND	ND		
1,2,4-Trimethylbenzene	10.0	ND	ND		
1,3,5-Trimethylbenzene	10.0	ND	ND		
Vinyl acetate	50.0	ND	ND		



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**ANALYTICAL RESULTS**

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-091212

Our Lab I.D.		288002	288003			
Client Sample I.D.		B5-3	B5-8			
Date Sampled		09/06/2012	09/06/2012			
Date Prepared		09/12/2012	09/12/2012			
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
Vinyl chloride (Chloroethene)	30.0	ND	ND			
o-Xylene	2.00	4.26	ND			
m- & p-Xylenes	4.00	8.28	ND			

Our Lab I.D.		288002	288003			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	115	101			
Dibromofluoromethane	70-120	110	114			
Toluene-d8	70-120	89	101			

**QUALITY CONTROL REPORT**

QC Batch No: S1B-091212

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	94	90	4.3	75-120	15					
Chlorobenzene	102	99	3.0	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	86	5.6	75-120	15					
MTBE	101	104	2.9	75-120	15					
Toluene (Methyl benzene)	102	100	2.0	75-120	15					
Trichloroethene (TCE)	89	87	2.3	75-120	15					



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ANALYTICAL RESULTS

**Ordered By**

**Site**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

130 Garden St.  
Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

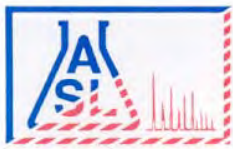
Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091012

Our Lab I.D.		287982	287983	287984	287985	287986
Client Sample I.D.		B1-3	B1-8	B2-3	B2-8	B3-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Acetone	50.0	ND	ND	ND	ND	ND
Benzene	2.00	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	10.0	ND	ND	ND	ND	ND
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND	ND	ND	ND
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	50.0	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	30.0	ND	ND	ND	ND	ND
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND	ND	ND	ND
n-Butylbenzene	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	10.0	ND	ND	ND	ND	ND
Carbon disulfide	10.0	ND	ND	ND	ND	ND
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND	ND	ND	ND
Chlorobenzene	10.0	ND	ND	ND	ND	ND
Chloroethane	30.0	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50.0	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	30.0	ND	ND	ND	ND	ND
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND	ND	ND	ND
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND	ND	ND	ND
Dibromochloromethane	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND	ND	ND	ND
Dibromomethane	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	30.0	ND	ND	ND	ND	ND
1,1-Dichloroethane	10.0	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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Project ID: 12-00473  
Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091012

Our Lab I.D.		287982	287983	287984	287985	287986
Client Sample I.D.		B1-3	B1-8	B2-3	B2-8	B3-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
1,2-Dichloroethane	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10.0	ND	ND	ND	ND	ND
Ethylbenzene	2.00	ND	ND	ND	ND	ND
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND	ND	ND	ND
2-Hexanone	50.0	ND	ND	ND	ND	ND
Isopropylbenzene	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND	ND	ND	ND
MTBE	5.00	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND	ND	ND	ND
Naphthalene	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	10.0	ND	ND	ND	ND	ND
Styrene	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	10.0	ND	ND	ND	ND	ND
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	2.00	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	10.0	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	10.0	ND	ND	ND	ND	ND
Vinyl acetate	50.0	ND	ND	ND	ND	ND



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**ANALYTICAL RESULTS**

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091012

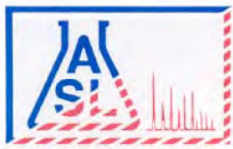
Our Lab I.D.		287982	287983	287984	287985	287986
Client Sample I.D.		B1-3	B1-8	B2-3	B2-8	B3-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Vinyl chloride (Chloroethene)	30.0	ND	ND	ND	ND	ND
o-Xylene	2.00	ND	ND	ND	ND	ND
m- & p-Xylenes	4.00	ND	ND	ND	ND	ND

Our Lab I.D.		287982	287983	287984	287985	287986
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	103	112	10	106	103
Dibromofluoromethane	70-120	106	102	76	100	83
Toluene-d8	70-120	100	98	102	100	102

**QUALITY CONTROL REPORT**

QC Batch No: S2B-091012

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	92	101	9.3	75-120	15					
Chlorobenzene	104	99	4.9	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	87	4.5	75-120	15					
MTBE	81	76	6.4	75-120	15					
Toluene (Methyl benzene)	105	101	3.9	75-120	15					
Trichloroethene (TCE)	90	99	9.5	75-120	15					



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ANALYTICAL RESULTS

Ordered By

Site

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180 North Ashwood Avenue  
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Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091012

Our Lab I.D.		287987	287988	287989		
Client Sample I.D.		B3-8	B4-3	B4-8		
Date Sampled		09/06/2012	09/06/2012	09/06/2012		
Date Prepared		09/11/2012	09/11/2012	09/11/2012		
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Acetone	50.0	ND	ND	ND		
Benzene	2.00	ND	ND	ND		
Bromobenzene (Phenyl bromide)	10.0	ND	ND	ND		
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND	ND		
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND	ND		
Bromoform (Tribromomethane)	50.0	ND	ND	ND		
Bromomethane (Methyl bromide)	30.0	ND	ND	ND		
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND	ND		
n-Butylbenzene	10.0	ND	ND	ND		
sec-Butylbenzene	10.0	ND	ND	ND		
tert-Butylbenzene	10.0	ND	ND	ND		
Carbon disulfide	10.0	ND	ND	ND		
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND	ND		
Chlorobenzene	10.0	ND	ND	ND		
Chloroethane	30.0	ND	ND	ND		
2-Chloroethyl vinyl ether	50.0	ND	ND	ND		
Chloroform (Trichloromethane)	10.0	ND	ND	ND		
Chloromethane (Methyl chloride)	30.0	ND	ND	ND		
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND	ND		
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND	ND		
Dibromochloromethane	10.0	ND	ND	ND		
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND	ND		
Dibromomethane	10.0	ND	ND	ND		
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND	ND		
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND	ND		
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND	ND		
Dichlorodifluoromethane	30.0	ND	ND	ND		
1,1-Dichloroethane	10.0	ND	ND	ND		



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**ANALYTICAL RESULTS**

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091012

Our Lab I.D.		287987	287988	287989		
Client Sample I.D.		B3-8	B4-3	B4-8		
Date Sampled		09/06/2012	09/06/2012	09/06/2012		
Date Prepared		09/11/2012	09/11/2012	09/11/2012		
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
1,2-Dichloroethane	10.0	ND	ND	ND		
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND	ND		
cis-1,2-Dichloroethene	10.0	ND	ND	ND		
trans-1,2-Dichloroethene	10.0	ND	ND	ND		
1,2-Dichloropropane	10.0	ND	ND	ND		
1,3-Dichloropropane	10.0	ND	ND	ND		
2,2-Dichloropropane	10.0	ND	ND	ND		
1,1-Dichloropropene	10.0	ND	ND	ND		
cis-1,3-Dichloropropene	10.0	ND	ND	ND		
trans-1,3-Dichloropropene	10.0	ND	ND	ND		
Ethylbenzene	2.00	ND	ND	ND		
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND	ND		
2-Hexanone	50.0	ND	ND	ND		
Isopropylbenzene	10.0	ND	ND	ND		
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND	ND		
MTBE	5.00	ND	ND	16.5		
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND	ND		
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND	ND		
Naphthalene	10.0	ND	ND	ND		
n-Propylbenzene	10.0	ND	ND	ND		
Styrene	10.0	ND	ND	ND		
1,1,1,2-Tetrachloroethane	10.0	ND	ND	ND		
1,1,1,2,2-Tetrachloroethane	10.0	ND	ND	ND		
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND	ND		
Toluene (Methyl benzene)	2.00	ND	ND	ND		
1,2,3-Trichlorobenzene	10.0	ND	ND	ND		
1,2,4-Trichlorobenzene	10.0	ND	ND	ND		
1,1,1-Trichloroethane	10.0	ND	ND	ND		
1,1,2-Trichloroethane	10.0	ND	ND	ND		
Trichloroethene (TCE)	10.0	ND	ND	ND		
Trichlorofluoromethane	10.0	ND	ND	ND		
1,2,3-Trichloropropane	10.0	ND	ND	ND		
1,2,4-Trimethylbenzene	10.0	ND	ND	ND		
1,3,5-Trimethylbenzene	10.0	ND	ND	ND		
Vinyl acetate	50.0	ND	ND	ND		



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**ANALYTICAL RESULTS**

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091012

Our Lab I.D.		287987	287988	287989		
Client Sample I.D.		B3-8	B4-3	B4-8		
Date Sampled		09/06/2012	09/06/2012	09/06/2012		
Date Prepared		09/11/2012	09/11/2012	09/11/2012		
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Vinyl chloride (Chloroethene)	30.0	ND	ND	ND		
o-Xylene	2.00	ND	ND	ND		
m- & p-Xylenes	4.00	ND	ND	ND		

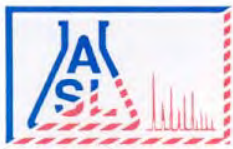
Our Lab I.D.		287987	287988	287989		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	110	100	104		
Dibromofluoromethane	70-120	111	102	108		
Toluene-d8	70-120	103	100	102		

**QUALITY CONTROL REPORT**

QC Batch No: S2B-091012

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	92	101	9.3	75-120	15					
Chlorobenzene	104	99	4.9	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	87	4.5	75-120	15					
MTBE	81	76	6.4	75-120	15					
Toluene (Methyl benzene)	105	101	3.9	75-120	15					
Trichloroethene (TCE)	90	99	9.5	75-120	15					





# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

**Ordered By****Site**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

130 Garden St.  
Santa Barbara, Ca 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 27

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091112

Our Lab I.D.		287993	287994	287995	287997	287998
Client Sample I.D.		B11-8	B9-3	B9-8	B8-8	B7-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Acetone	50.0	ND	ND	ND	ND	ND
Benzene	2.00	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	10.0	ND	ND	ND	ND	ND
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND	ND	ND	ND
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	50.0	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	30.0	ND	ND	ND	ND	ND
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND	ND	ND	ND
n-Butylbenzene	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	10.0	ND	ND	ND	ND	ND
Carbon disulfide	10.0	ND	ND	ND	ND	ND
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND	ND	ND	ND
Chlorobenzene	10.0	ND	ND	ND	ND	ND
Chloroethane	30.0	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50.0	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	30.0	ND	ND	ND	ND	ND
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND	ND	ND	ND
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND	ND	ND	ND
Dibromochloromethane	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND	ND	ND	ND
Dibromomethane	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	30.0	ND	ND	ND	ND	ND
1,1-Dichloroethane	10.0	ND	ND	ND	ND	ND



ANALYTICAL RESULTS

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091112

Our Lab I.D.		287993	287994	287995	287997	287998
Client Sample I.D.		B11-8	B9-3	B9-8	B8-8	B7-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
1,2-Dichloroethane	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10.0	ND	ND	ND	ND	ND
Ethylbenzene	2.00	ND	ND	ND	ND	ND
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND	ND	ND	ND
2-Hexanone	50.0	ND	ND	ND	ND	ND
Isopropylbenzene	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND	ND	ND	ND
MTBE	5.00	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND	ND	ND	ND
Naphthalene	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	10.0	ND	ND	ND	ND	ND
Styrene	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	10.0	ND	ND	ND	ND	ND
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	2.00	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	10.0	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	10.0	ND	ND	ND	ND	ND
Vinyl acetate	50.0	ND	ND	ND	ND	ND



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

**ANALYTICAL RESULTS**

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Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54668	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: S2B-091112

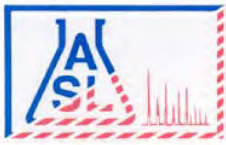
Our Lab I.D.		287993	287994	287995	287997	287998
Client Sample I.D.		B11-8	B9-3	B9-8	B8-8	B7-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Vinyl chloride (Chloroethene)	30.0	ND	ND	ND	ND	ND
o-Xylene	2.00	ND	ND	ND	ND	ND
m- & p-Xylenes	4.00	ND	ND	ND	ND	ND

Our Lab I.D.		287993	287994	287995	287997	287998
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	102	101	102	104	105
Dibromofluoromethane	70-120	112	118	101	116	111
Toluene-d8	70-120	100	101	102	98	101

**QUALITY CONTROL REPORT**

QC Batch No: S2B-091112

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	89	90	1.1	75-120	15					
Chlorobenzene	95	97	2.1	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	85	87	2.3	75-120	15					
MTBE	95	97	2.1	75-120	15					
Toluene (Methyl benzene)	95	97	2.1	75-120	15					
Trichloroethene (TCE)	84	85	1.2	75-120	15					



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

**Ordered By**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

Number of Pages 10

Date Received 09/07/2012

Date Reported 09/14/2012

Telephone (805)644-4455  
Attn Scott English

Job Number	Ordered	Client
54669	09/07/2012	RINCON

Project ID: 12-00473  
Project Name: CHP Property  
Site: 130 Garden St.  
Santa Barbara, CA 93101

Enclosed are the results of analyses on 11 samples analyzed as specified on attached chain of custody.

Wendy Lu  
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



COG# N: 62697 GLOBAL ID \_\_\_\_\_ E REPORT:  PDF  EDF  EDD ASL JOB# 54669

Company: RINCON CONSULTANTS Report To: SCOTT E. ANALYSIS REQUESTED

Address: 180 N. ASHWOOD AVE. CHS PROPERTY Address: \_\_\_\_\_

Site Address: VENTURA CA 93003 130 GARDEN ST. Invoice To: RINCON

Telephone: 805 644-4455 Address: SANTA BARBARA CA 93101

Fax: 805 644-4455 Project ID: 12-00473 P.O.#: \_\_\_\_\_

Special Instruction: \_\_\_\_\_

Project: SCOTT ENGLISH 8260 B (VOCs)

Project: SCOTT ENGLISH

LAB USE ONLY	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation	Remarks	
	Lab ID	Sample ID	Date	Time	#				Type
288004	B1-W		9.6.12	8:28	2	V0A	W	—	X
288005	B2-W		"	10:08	2	V0A	W	—	X
288006	B3-W		"	10:45	2	V0A	W	—	X
288007	B4-W		"	11:30	2	V0A	W	—	X
288008	B10-W		"	12:00	2	V0A	W	—	X
288009	B11-W		"	12:40	2	V0A	W	—	X
288010	B9-W		"	<del>13:18</del>	2	V0A	W	—	X
288011	B8-W		"	14:30	2	V0A	W	—	X
288012	B7-W		"	14:45	2	V0A	W	—	X
288013	B6-W		"	15:15	2	V0A	W	—	X

Collected By: TIM DELANEY Date: 9.6.12 Time: 8:30 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

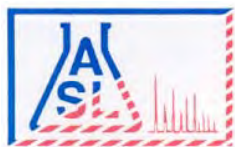
Relinquished By: Tim Delaney Date: 9.6.12 Time: 17:14 Received For Laboratory: ASL Date: 9-7-12 Time: 10:20

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Condition of Sample: \_\_\_\_\_

TAT  Normal  Rush

White - Report Yellow - Laboratory Pink - Client





# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

**Ordered By**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

**Site**

130 Garden St.  
Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: **2**

Project ID: 12-00473

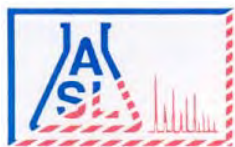
Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

Our Lab I.D.		288004	288005	288006	288007	288008	
Client Sample I.D.		B1-W	B2-W	B3-W	B4-W	B10-W	
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012	
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Preparation Method							
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Matrix		Water	Water	Water	Water	Water	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Acetone	2.52	5.00	11.4	ND	ND	ND	ND
Benzene	0.0970	1.00	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	0.291	1.00	ND	ND	ND	ND	ND
Bromochloromethane (Chlorobromomethane)	0.169	1.00	ND	ND	ND	ND	ND
Bromodichloromethane (Dichlorobromomethane)	0.169	1.00	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	0.284	5.00	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	0.174	3.00	ND	ND	ND	ND	ND
2-Butanone (MEK, Methyl ethyl ketone)	5.00	5.00	ND	ND	ND	ND	ND
n-Butylbenzene	0.363	1.00	ND	ND	ND	ND	ND
sec-Butylbenzene	0.338	1.00	ND	ND	ND	ND	ND
tert-Butylbenzene	0.235	1.00	ND	ND	ND	ND	ND
Carbon disulfide	0.463	1.00	ND	ND	ND	ND	ND
Carbon tetrachloride (Tetrachloromethane)	0.144	1.00	ND	ND	ND	ND	ND
Chlorobenzene	0.176	1.00	ND	ND	ND	ND	ND
Chloroethane	0.328	3.00	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	0.665	5.00	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	0.247	1.00	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	0.174	3.00	ND	ND	ND	ND	ND
4-Chlorotoluene (p-Chlorotoluene)	0.311	1.00	ND	ND	ND	ND	ND
2-Chlorotoluene (o-Chlorotoluene)	0.147	1.00	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.333	5.00	ND	ND	ND	ND	ND
Dibromochloromethane	0.300	1.00	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	0.226	1.00	ND	ND	ND	ND	ND
Dibromomethane	0.316	1.00	ND	ND	ND	ND	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	0.358	1.00	ND	ND	ND	ND	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	0.333	1.00	ND	ND	ND	ND	ND



# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

Page: 3  
Project ID: 12-00473  
Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

Our Lab I.D.			288004	288005	288006	288007	288008
Client Sample I.D.			B1-W	B2-W	B3-W	B4-W	B10-W
Date Sampled			09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared			09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Preparation Method							
Date Analyzed			09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Matrix			Water	Water	Water	Water	Water
Units			ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
1,4-Dichlorobenzene (p-Dichlorobenzene)	0.384	1.00	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.244	3.00	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.372	1.00	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.182	1.00	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-Dichloroethylene)	0.355	1.00	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.279	1.00	ND	ND	ND	ND	2.12
trans-1,2-Dichloroethene	0.176	1.00	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.359	1.00	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.205	1.00	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.341	1.00	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.210	1.00	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.122	1.00	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.100	1.00	ND	ND	ND	ND	ND
Ethylbenzene	0.209	1.00	ND	ND	ND	ND	ND
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	0.413	3.00	ND	ND	ND	ND	ND
2-Hexanone	0.944	5.00	ND	ND	ND	ND	ND
Isopropylbenzene	0.291	1.00	ND	ND	ND	ND	ND
p-Isopropyltoluene (4-Isopropyltoluene)	0.468	1.00	ND	ND	ND	ND	ND
MTBE	0.240	2.00	0.345J	22.1	19.4	108	0.470J
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	1.71	5.00	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane, DCM)	1.00	5.00	21.0	ND	ND	7.73	ND
Naphthalene	0.375	1.00	ND	ND	ND	ND	ND
n-Propylbenzene	0.254	1.00	ND	ND	ND	ND	ND
Styrene	0.122	1.00	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.141	1.00	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.579	1.00	ND	ND	ND	ND	ND
Tetrachloroethene (Tetrachloroethylene)	0.421	1.00	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	0.282	1.00	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.219	1.00	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.451	1.00	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.150	1.00	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.233	1.00	ND	ND	ND	ND	ND





# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

Page: **4**  
 Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

Our Lab I.D.		288004	288005	288006	288007	288008	
Client Sample I.D.		B1-W	B2-W	B3-W	B4-W	B10-W	
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012	
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Preparation Method							
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Matrix		Water	Water	Water	Water	Water	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Trichloroethene (TCE)	0.117	1.00	ND	ND	ND	ND	3.58
Trichlorofluoromethane	0.294	1.00	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.303	1.00	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.451	1.00	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.219	1.00	ND	ND	ND	ND	ND
Vinyl acetate	1.62	5.00	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	0.331	3.00	ND	ND	ND	ND	ND
o-Xylene	0.262	1.00	ND	ND	ND	ND	ND
m- & p-Xylenes	0.476	2.00	ND	ND	ND	ND	ND

Our Lab I.D.		288004	288005	288006	288007	288008
<b>Surrogates</b>	<b>% Rec.Limit</b>	<b>% Rec.</b>	<b>% Rec.</b>	<b>% Rec.</b>	<b>% Rec.</b>	<b>% Rec.</b>
<b>Surrogate Percent Recovery</b>						
Bromofluorobenzene	70-120	98	100	98	101	98
Dibromofluoromethane	70-120	112	110	110	109	108
Toluene-d8	70-120	104	106	106	105	106

### QUALITY CONTROL REPORT

QC Batch No: W1C-091112 Sample Spiked: 287890

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	101	102	<1	75-120	15					
Chlorobenzene	90	91	1.1	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	112	115	2.6	75-120	15					
MTBE	103	109	5.7	75-120	15					
Toluene (Methyl benzene)	97	97	<1	75-120	15					
Trichloroethene (TCE)	88	87	1.1	75-120	15					



# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

**Ordered By**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

**Site**

130 Garden St.  
Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 5

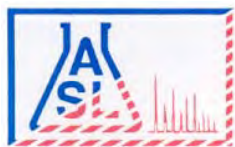
Project ID: 12-00473  
Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

Our Lab I.D.			288009	288010	288011	288012	288013
Client Sample I.D.			B11-W	B9-W	B8-W	B7-W	B6-W
Date Sampled			09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared			09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Preparation Method							
Date Analyzed			09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Matrix			Water	Water	Water	Water	Water
Units			ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Acetone	2.52	5.00	ND	ND	ND	ND	ND
Benzene	0.0970	1.00	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	0.291	1.00	ND	ND	ND	ND	ND
Bromochloromethane (Chlorobromomethane)	0.169	1.00	ND	ND	ND	ND	ND
Bromodichloromethane (Dichlorobromomethane)	0.169	1.00	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	0.284	5.00	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	0.174	3.00	ND	ND	ND	ND	ND
2-Butanone (MEK, Methyl ethyl ketone)	5.00	5.00	ND	ND	ND	ND	ND
n-Butylbenzene	0.363	1.00	ND	ND	ND	ND	ND
sec-Butylbenzene	0.338	1.00	ND	ND	ND	ND	ND
tert-Butylbenzene	0.235	1.00	ND	ND	ND	ND	ND
Carbon disulfide	0.463	1.00	ND	ND	ND	ND	ND
Carbon tetrachloride (Tetrachloromethane)	0.144	1.00	ND	ND	ND	ND	ND
Chlorobenzene	0.176	1.00	ND	ND	ND	ND	ND
Chloroethane	0.328	3.00	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	0.665	5.00	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	0.247	1.00	ND	ND	ND	ND	0.590J
Chloromethane (Methyl chloride)	0.174	3.00	ND	ND	ND	ND	ND
4-Chlorotoluene (p-Chlorotoluene)	0.311	1.00	ND	ND	ND	ND	ND
2-Chlorotoluene (o-Chlorotoluene)	0.147	1.00	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.333	5.00	ND	ND	ND	ND	ND
Dibromochloromethane	0.300	1.00	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	0.226	1.00	ND	ND	ND	ND	ND
Dibromomethane	0.316	1.00	ND	ND	ND	ND	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	0.358	1.00	ND	ND	ND	ND	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	0.333	1.00	ND	ND	ND	ND	ND



# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

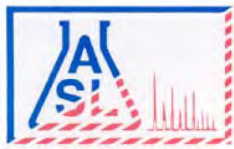
Page: 6  
Project ID: 12-00473  
Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

Our Lab I.D.		288009	288010	288011	288012	288013	
Client Sample I.D.		B11-W	B9-W	B8-W	B7-W	B6-W	
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012	
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Preparation Method							
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Matrix		Water	Water	Water	Water	Water	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
1,4-Dichlorobenzene (p-Dichlorobenzene)	0.384	1.00	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.244	3.00	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.372	1.00	0.575J	ND	ND	ND	ND
1,2-Dichloroethane	0.182	1.00	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-Dichloroethylene)	0.355	1.00	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.279	1.00	2.17	2.87	2.04	ND	ND
trans-1,2-Dichloroethene	0.176	1.00	0.335J	0.375J	0.215J	ND	ND
1,2-Dichloropropane	0.359	1.00	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.205	1.00	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.341	1.00	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.210	1.00	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.122	1.00	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.100	1.00	ND	ND	ND	ND	ND
Ethylbenzene	0.209	1.00	ND	ND	ND	ND	ND
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	0.413	3.00	ND	ND	ND	ND	ND
2-Hexanone	0.944	5.00	ND	ND	ND	ND	ND
Isopropylbenzene	0.291	1.00	ND	ND	ND	ND	ND
p-Isopropyltoluene (4-Isopropyltoluene)	0.468	1.00	ND	ND	ND	ND	ND
MTBE	0.240	2.00	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	1.71	5.00	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane, DCM)	1.00	5.00	9.45	ND	8.95	10.2	58.8
Naphthalene	0.375	1.00	ND	ND	ND	ND	ND
n-Propylbenzene	0.254	1.00	ND	ND	ND	ND	ND
Styrene	0.122	1.00	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.141	1.00	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.579	1.00	ND	ND	ND	ND	ND
Tetrachloroethene (Tetrachloroethylene)	0.421	1.00	1.33	0.990J	ND	ND	ND
Toluene (Methyl benzene)	0.282	1.00	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.219	1.00	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.451	1.00	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.150	1.00	1.69	ND	ND	ND	ND
1,1,2-Trichloroethane	0.233	1.00	ND	ND	ND	ND	ND



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

**ANALYTICAL RESULTS**

Page: 7  
 Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

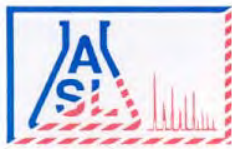
Our Lab I.D.		288009	288010	288011	288012	288013	
Client Sample I.D.		B11-W	B9-W	B8-W	B7-W	B6-W	
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012	
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Preparation Method							
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012	
Matrix		Water	Water	Water	Water	Water	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Trichloroethene (TCE)	0.117	1.00	4.59	14.7	6.58	1.59	ND
Trichlorofluoromethane	0.294	1.00	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.303	1.00	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.451	1.00	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.219	1.00	ND	ND	ND	ND	ND
Vinyl acetate	1.62	5.00	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	0.331	3.00	ND	ND	ND	ND	ND
o-Xylene	0.262	1.00	ND	ND	ND	ND	ND
m- & p-Xylenes	0.476	2.00	ND	ND	ND	ND	ND

Our Lab I.D.		288009	288010	288011	288012	288013
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
<b>Surrogate Percent Recovery</b>						
Bromofluorobenzene	70-120	96	100	99	98	98
Dibromofluoromethane	70-120	114	112	118	116	118
Toluene-d8	70-120	106	104	106	106	104

**QUALITY CONTROL REPORT**

QC Batch No: W1C-091112 Sample Spiked: 287890

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	101	102	<1	75-120	15					
Chlorobenzene	90	91	1.1	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	112	115	2.6	75-120	15					
MTBE	103	109	5.7	75-120	15					
Toluene (Methyl benzene)	97	97	<1	75-120	15					
Trichloroethene (TCE)	88	87	1.1	75-120	15					



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garden St.  
 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: **8**

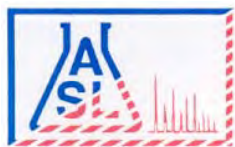
Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

Our Lab I.D.	288014		
Client Sample I.D.	B5-W		
Date Sampled	09/06/2012		
Date Prepared	09/11/2012		
Preparation Method			
Date Analyzed	09/11/2012		
Matrix	Water		
Units	ug/L		
Dilution Factor	1		
Analytes	MDL	PQL	Results
Acetone	2.52	5.00	ND
Benzene	0.0970	1.00	ND
Bromobenzene (Phenyl bromide)	0.291	1.00	ND
Bromochloromethane (Chlorobromomethane)	0.169	1.00	ND
Bromodichloromethane (Dichlorobromomethane)	0.169	1.00	ND
Bromoform (Tribromomethane)	0.284	5.00	ND
Bromomethane (Methyl bromide)	0.174	3.00	ND
2-Butanone (MEK, Methyl ethyl ketone)	5.00	5.00	ND
n-Butylbenzene	0.363	1.00	ND
sec-Butylbenzene	0.338	1.00	ND
tert-Butylbenzene	0.235	1.00	ND
Carbon disulfide	0.463	1.00	ND
Carbon tetrachloride (Tetrachloromethane)	0.144	1.00	ND
Chlorobenzene	0.176	1.00	ND
Chloroethane	0.328	3.00	ND
2-Chloroethyl vinyl ether	0.665	5.00	ND
Chloroform (Trichloromethane)	0.247	1.00	ND
Chloromethane (Methyl chloride)	0.174	3.00	ND
4-Chlorotoluene (p-Chlorotoluene)	0.311	1.00	ND
2-Chlorotoluene (o-Chlorotoluene)	0.147	1.00	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.333	5.00	ND
Dibromochloromethane	0.300	1.00	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	0.226	1.00	ND
Dibromomethane	0.316	1.00	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	0.358	1.00	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	0.333	1.00	ND



# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

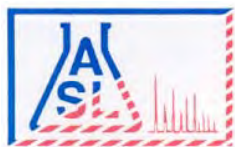
Page: 9  
Project ID: 12-00473  
Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

Our Lab I.D.	288014		
Client Sample I.D.	B5-W		
Date Sampled	09/06/2012		
Date Prepared	09/11/2012		
Preparation Method			
Date Analyzed	09/11/2012		
Matrix	Water		
Units	ug/L		
Dilution Factor	1		
Analytes	MDL	PQL	Results
1,4-Dichlorobenzene (p-Dichlorobenzene)	0.384	1.00	ND
Dichlorodifluoromethane	0.244	3.00	ND
1,1-Dichloroethane	0.372	1.00	ND
1,2-Dichloroethane	0.182	1.00	ND
1,1-Dichloroethene (1,1-Dichloroethylene)	0.355	1.00	ND
cis-1,2-Dichloroethene	0.279	1.00	0.600J
trans-1,2-Dichloroethene	0.176	1.00	ND
1,2-Dichloropropane	0.359	1.00	ND
1,3-Dichloropropane	0.205	1.00	ND
2,2-Dichloropropane	0.341	1.00	ND
1,1-Dichloropropene	0.210	1.00	ND
cis-1,3-Dichloropropene	0.122	1.00	ND
trans-1,3-Dichloropropene	0.100	1.00	ND
Ethylbenzene	0.209	1.00	ND
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	0.413	3.00	ND
2-Hexanone	0.944	5.00	ND
Isopropylbenzene	0.291	1.00	ND
p-Isopropyltoluene (4-Isopropyltoluene)	0.468	1.00	ND
MTBE	0.240	2.00	ND
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	1.71	5.00	ND
Methylene chloride (Dichloromethane, DCM)	1.00	5.00	7.60
Naphthalene	0.375	1.00	ND
n-Propylbenzene	0.254	1.00	ND
Styrene	0.122	1.00	ND
1,1,1,2-Tetrachloroethane	0.141	1.00	ND
1,1,2,2-Tetrachloroethane	0.579	1.00	ND
Tetrachloroethene (Tetrachloroethylene)	0.421	1.00	ND
Toluene (Methyl benzene)	0.282	1.00	ND
1,2,3-Trichlorobenzene	0.219	1.00	ND
1,2,4-Trichlorobenzene	0.451	1.00	ND
1,1,1-Trichloroethane	0.150	1.00	ND
1,1,2-Trichloroethane	0.233	1.00	ND



# AMERICAN SCIENTIFIC LABORATORIES, LLC

## Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

### ANALYTICAL RESULTS

Page: **10**

Project ID: 12-00473  
 Project Name: CHP Property

ASL Job Number	Submitted	Client
54669	09/07/2012	RINCON

Method: 8260B, Volatile Organic Compounds

QC Batch No: W1C-091112

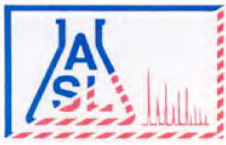
Our Lab I.D.	288014		
Client Sample I.D.	B5-W		
Date Sampled	09/06/2012		
Date Prepared	09/11/2012		
Preparation Method			
Date Analyzed	09/11/2012		
Matrix	Water		
Units	ug/L		
Dilution Factor	1		
Analytes	MDL	PQL	Results
Trichloroethene (TCE)	0.117	1.00	2.52
Trichlorofluoromethane	0.294	1.00	ND
1,2,3-Trichloropropane	0.303	1.00	ND
1,2,4-Trimethylbenzene	0.451	1.00	ND
1,3,5-Trimethylbenzene	0.219	1.00	ND
Vinyl acetate	1.62	5.00	ND
Vinyl chloride (Chloroethene)	0.331	3.00	ND
o-Xylene	0.262	1.00	ND
m- & p-Xylenes	0.476	2.00	ND

Our Lab I.D.	288014		
Surrogates	% Rec.Limit	% Rec.	
<b>Surrogate Percent Recovery</b>			
Bromofluorobenzene	70-120	98	
Dibromofluoromethane	70-120	112	
Toluene-d8	70-120	104	

### QUALITY CONTROL REPORT

QC Batch No: W1C-091112 Sample Spiked: 287890

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	101	102	<1	75-120	15
Chlorobenzene	90	91	1.1	75-120	15
1,1-Dichloroethene (1,1-Dichloroethylene)	112	115	2.6	75-120	15
MTBE	103	109	5.7	75-120	15
Toluene (Methyl benzene)	97	97	<1	75-120	15
Trichloroethene (TCE)	88	87	1.1	75-120	15



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

**Ordered By**

Rincon Consultants, Inc.  
180 North Ashwood Avenue  
Ventura, CA 93003-

**Number of Pages** 13

**Date Received** 09/07/2012

**Date Reported** 09/26/2012

**Telephone** (805)644-4455  
**Attn** Scott English

Job Number	Ordered	Client
54778	09/19/2012	RINCON

**Project ID:** 12-00473  
**Project Name:** CHP Property  
**Site:** 130 Garnen St.  
Santa Barbara, CA 93101

Enclosed are the results of analyses on 22 samples analyzed as specified on attached chain of custody.

Wendy Lu  
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.





AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services  
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Additional Request (9/19/12)

Normal TAT, Due: 9/26/12 Page 1 of 3

NEW JOB # 54778

COC# N° 62696 GLOBAL ID \_\_\_\_\_ E REPORT:  PDF  EDF  EDD  ASL JOB# 54668

I T E M	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation	8603 (VCS) 17 CCR METALS Add'l metals TH-D	Date	Time	Date	Time	TAT
	Lab ID	Sample ID	Date	Time	#	Type								
287982	B1-3	9.6.12	8:30	1	ACETATE	S	-	X	✓	9/19/12		9/19/12		288439
287983	B1-8	"	8:35	1	"	S	-	X	✓					288440
287984	B2-3	"	10:00	1	"	S	-	X	✓					288441
287985	B2-8	"	10:05	1	"	S	-	X	✓					288442
287986	B3-3	"	10:40	1	"	S	-	X	✓					288443
287987	B3-8	"	10:40	1	"	S	-	X	✓					288444
287988	B4-3	4	11:10	1	"	S	-	X	✓					288445
287989	B4-8	"	11:10	1	"	S	-	X	✓					288446
287990	B10-3	"	12:00	1	"	S	-	X	✓					288447
287991	B10-8	"	12:00	1	"	S	-	X	✓					288448
Collected By: TIM DELANEY Date 9.6.12 Time 8:30												Relinquished By:	Date	Time
Relinquished By: <i>Tim Delaney</i> Date 9.6.12 Time 17:14												Received For Laboratory	Date	Time
Received By: <i>Tim Delaney</i> Date _____ Time _____												Condition of Sample:		

Company: RINCON CONSULTANTS  
Address: 180 N. ASHWOOD AV. CHP PROPERTY  
VENTURA CA 93003 130 GARDEN ST.  
Telephone: 805 664-4155 SANTA BARBARA CA 93101  
Special Instruction: Project ID: 12-00473  
E-mail: *seenglish@rinconconsultants.com* Project: SCOTT ENGLISH  
Report To: SCOTT  
Address: RINCON  
Invoice To: RINCON  
Address: RINCON  
P.O.#:  
Matrix: S  
Preservation: -  
8603 (VCS)  
17 CCR METALS  
Add'l metals  
TH-D  
ANALYSIS REQUESTED  
Remarks: New T.D.  
TAT:  Normal  Rush



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

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NEW JOB # 54778

COC# N° 62698 GLOBAL ID \_\_\_\_\_ E REPORT:  PDF  EDF  EDD  ASL JOB# 54668

Company: RINCON CONSULTANTS		Project Name: CHP PROPERTY		Container(s)		ANALYSIS REQUESTED	
Address: 180 N ASHWOOD AVE		Site Address: 130 GARDEN ST.		Time	#	Type	
Telephone: (805) 644-4455		SANTA BARBARA 93101		Date			
Special Instruction:		Project ID: 12-00473		Project: SCOT ENEIGHAN		P.O.#:	
E-mail: senighan@rinconconsultants.com		Project: SCOT ENEIGHAN		Matrix		Preservation	
LAB USE ONLY		SAMPLE DESCRIPTION		Date		Matrix	
LAB USE ONLY	Lab ID	Sample ID	Date	Time	#	Type	Matrix
	287992	B11-3	9.6.12	12:30	1	ACETATE	S
	287993	B11-8	"	12:30	1	"	S
	287994	B9-3	"	<del>12:30</del> 12:00	1	"	S
	287995	B9-8	"	<del>12:30</del> 12:00	1	"	S
	287996	B8-3	"	14:30	1	"	S
	287997	B8-8	"	14:30	1	"	S
	287998	B7-3	"	14:00	1	"	S
	287999	B8-8	"	14:00	1	"	S
	288000	B6-3	"	15:15	1	"	S
	288001	B6-8	"	15:15	1	"	S
Collected By: TIM DELANEY		Date	9.6.12	Time	12:30	Relinquished By:	
Relinquished By: <i>Tim Delaney</i>		Date	9.6.12	Time	17:14	Received For Laboratory	
Received By:		Date		Time		Condition of Sample:	

Remarks	New ID	Address	Date	Time	TAT
	288449	8260 B (VOCs)	9/19/12	TPH-D	Normal
	288450	17CCR METALS	9/19/12	TPH-G	Rush
	288451				
	288452				
	288453				
	288454				
	288455				
	288456				
	288457				
	288458				

Report To: SCOTT  
Address:  
Invoice To: RINCON  
Address:  
P.O.#:

Relinquished By: Date 9.7.12 Time 10:20

Received For Laboratory: *Ali*

Condition of Sample:  Normal  Rush

White - Report Yellow - Laboratory Pink - Client

CHAIN OF CUSTODY RECORD



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NEW JOB # 54778

ASL JOB# 54668

COC# N° 62694 GLOBAL ID \_\_\_\_\_

EREPORT:  PDF  EDF  EDD

C H A I N O F C U S T O D Y R E C O R D

Company: RINCON CONSULTANTS		Report To: SCOTT		ANALYSIS REQUESTED			
Address: 180 N. ASHWOOD AVE. CHIP PROPERTY		Address: RINCON					
Site Address: 130 GARDEN ST.		Address: RINCON					
Telephone: 93003		Address: SANTA BARBARA CA					
Fax: (805) 641-6155		Project ID: 12-00473					
Special Instruction:		Project Manager: S. ENGLISH					
E-mail: <a href="mailto:scott@rinconconsultants.com">scott@rinconconsultants.com</a>		Container(s)					
ITEM	Lab ID	SAMPLE DESCRIPTION			Matrix	Preservation	Remarks
		Sample ID	Date	Time			
	288002	B5-3	7.6.12	15:45	S	✓	8260B (VOCs) 17CCR METALS Additional 9119112 TPH-D 9119112 TPH-G
	288003	B5-8	"	"	S	✓	288454 288460
Collected By: <u>TIM DELANEY</u> Date <u>9.6.12</u> Time <u>16:00</u> Relinquished By: <u>[Signature]</u> Date <u>9.6.12</u> Time <u>17:14</u> Received By: <u>[Signature]</u> Date <u>9.6.12</u> Time <u>17:14</u>							
Relinquished By: <u>[Signature]</u> Date <u>9.6.12</u> Time <u>17:14</u> Received For Laboratory: <u>[Signature]</u> Date <u>9.7.12</u> Time <u>10:20</u> Condition of Sample: <u>Normal</u>							
Received By: _____ Date _____ Time _____ Relinquished By: _____ Date _____ Time _____ Condition of Sample: _____							



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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garnen St.  
 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: **2**

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

**QC Batch No: S1D-092112**

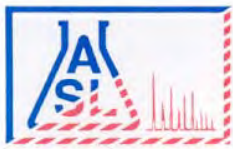
Our Lab I.D.		288454	288459			
Client Sample I.D.		B8-8	B5-3			
Date Sampled		09/06/2012	09/06/2012			
Date Prepared		09/19/2012	09/19/2012			
Preparation Method						
Date Analyzed		09/21/2012	09/21/2012			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
TPH DROs (C10 to C28)	10.0	ND	ND			
TPH OROs (C28+)	50.0	ND	838			

Our Lab I.D.		288454	288459			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Chlorobenzene	70-120	101	100			

**QUALITY CONTROL REPORT**

**QC Batch No: S1D-092112**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	99	99	<1	75-120	<20					



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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garnen St.  
 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 3

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

**QC Batch No: S1P-092112**

Our Lab I.D.		288439	288440	288442	288443	288444
Client Sample I.D.		B1-3	B1-8	B2-8	B3-3	B3-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/19/2012	09/19/2012	09/19/2012	09/19/2012	09/19/2012
Preparation Method						
Date Analyzed		09/21/2012	09/21/2012	09/21/2012	09/21/2012	09/21/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
TPH DROs (C10 to C28)	10.0	ND	ND	ND	ND	ND
TPH OROs (C28+)	50.0	ND	816	ND	ND	ND

Our Lab I.D.		288439	288440	288442	288443	288444
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Chlorobenzene	70-120	99	102	105	103	98

**QUALITY CONTROL REPORT**

**QC Batch No: S1P-092112**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	98	102	4.0	75-120	<20					



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**ANALYTICAL RESULTS**

**Ordered By**

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Telephone: (805)644-4455

Attn: Scott English

Page: **4**

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

**QC Batch No: S1P-092112**

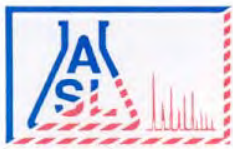
Our Lab I.D.		288446	288448	288449	288450	288451
Client Sample I.D.		B4-8	B10-8	B11-3	B11-8	B9-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/19/2012	09/19/2012	09/19/2012	09/19/2012	09/19/2012
Preparation Method						
Date Analyzed		09/21/2012	09/21/2012	09/21/2012	09/21/2012	09/21/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
TPH DROs (C10 to C28)	10.0	ND	ND	ND	ND	ND
TPH OROs (C28+)	50.0	ND	ND	ND	ND	ND

Our Lab I.D.		288446	288448	288449	288450	288451
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Chlorobenzene	70-120	102	108	103	102	111

**QUALITY CONTROL REPORT**

**QC Batch No: S1P-092112**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	98	102	4.0	75-120	<20					



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**ANALYTICAL RESULTS**

**Ordered By**

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Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

**QC Batch No: S1P-092112**

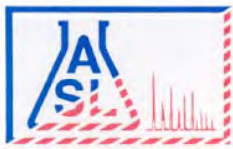
Our Lab I.D.		288452			
Client Sample I.D.		B9-8			
Date Sampled		09/06/2012			
Date Prepared		09/19/2012			
Preparation Method					
Date Analyzed		09/21/2012			
Matrix		Soil			
Units		mg/Kg			
Dilution Factor		1			
Analytes	PQL	Results			
TPH DROs (C10 to C28)	10.0	ND			
TPH OROs (C28+)	50.0	ND			

Our Lab I.D.		288452			
Surrogates	% Rec.Limit	% Rec.			
Surrogate Percent Recovery					
Chlorobenzene	70-120	103			

**QUALITY CONTROL REPORT**

**QC Batch No: S1P-092112**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Diesel	98	102	4.0	75-120	<20				



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**ANALYTICAL RESULTS**

**Ordered By**

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Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

**QC Batch No: S2D-092112**

Our Lab I.D.		288455	288456	288457	288458	288460
Client Sample I.D.		B7-3	B7-8	B6-3	B6-8	B5-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/19/2012	09/19/2012	09/19/2012	09/19/2012	09/19/2012
Preparation Method						
Date Analyzed		09/22/2012	09/22/2012	09/22/2012	09/22/2012	09/22/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
TPH DROs (C10 to C28)	10.0	ND	ND	ND	ND	ND
TPH OROs (C28+)	50.0	125	ND	ND	ND	308

Our Lab I.D.		288455	288456	288457	288458	288460
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Chlorobenzene	70-120	87	87	107	101	101

**QUALITY CONTROL REPORT**

**QC Batch No: S2D-092112**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	98	104	5.9	75-120	<20					





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**ANALYTICAL RESULTS**

**Ordered By**

**Site**

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Telephone: (805)644-4455

Attn: Scott English

Page: 7

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

**QC Batch No: S2P-092112**

Our Lab I.D.		288441	288445	288447	288453	
Client Sample I.D.		B2-3	B4-3	B10-3	B8-3	
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	
Date Prepared		09/19/2012	09/19/2012	09/19/2012	09/19/2012	
Preparation Method						
Date Analyzed		09/22/2012	09/22/2012	09/22/2012	09/22/2012	
Matrix		Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	
Analytes	PQL	Results	Results	Results	Results	
TPH DROs (C10 to C28)	10.0	ND	ND	ND	66.0	
TPH OROs (C28+)	50.0	50.0	190	94.0	166	

Our Lab I.D.		288441	288445	288447	288453	
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	
Surrogate Percent Recovery						
Chlorobenzene	70-120	102	99	97	104	

**QUALITY CONTROL REPORT**

**QC Batch No: S2P-092112**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	99	103	4.0	75-120	<20					



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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garnen St.  
 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 8

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8260B, TPH GROs(Gasoline Range Organics)

**QC Batch No: S1B-091112**

Our Lab I.D.		288447	288448		
Client Sample I.D.		B10-3	B10-8		
Date Sampled		09/06/2012	09/06/2012		
Date Prepared		09/11/2012	09/11/2012		
Preparation Method					
Date Analyzed		09/11/2012	09/11/2012		
Matrix		Soil	Soil		
Units		ug/kg	ug/kg		
Dilution Factor		1	1		
Analytes	PQL	Results	Results		
TPH GROs (C6 to C10)	500	ND	ND		

Our Lab I.D.		288447	288448		
Surrogates	% Rec.Limit	% Rec.	% Rec.		
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	103	101		
Dibromofluoromethane	70-120	115	111		
Toluene-d8	70-120	101	101		

**QUALITY CONTROL REPORT**

**QC Batch No: S1B-091112**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Benzene	90	91	1.1	75-120	15				
Chlorobenzene	97	99	2.0	75-120	15				
1,1-Dichloroethene (1,1-Dichloroethylene)	85	87	2.3	75-120	15				
MTBE	111	114	2.7	75-120	15				
Toluene (Methyl benzene)	97	98	1.0	75-120	15				
Trichloroethene (TCE)	85	86	1.2	75-120	15				



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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garnen St.  
 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 9

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8260B, TPH GROs(Gasoline Range Organics)

**QC Batch No: S1B-091212**

Our Lab I.D.		288449	288453	288456	288457	288458
Client Sample I.D.		B11-3	B8-3	B7-8	B6-3	B6-8
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
<b>Analytes</b>	<b>PQL</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>
TPH GROs (C6 to C10)	500	ND	ND	ND	ND	ND

Our Lab I.D.		288449	288453	288456	288457	288458
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
<b>Surrogate Percent Recovery</b>						
Bromofluorobenzene	70-120	102	116	101	108	104
Dibromofluoromethane	70-120	101	118	112	95	119
Toluene-d8	70-120	102	92	100	99	97

**QUALITY CONTROL REPORT**

**QC Batch No: S1B-091212**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	94	90	4.3	75-120	15					
Chlorobenzene	102	99	3.0	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	86	5.6	75-120	15					
MTBE	101	104	2.9	75-120	15					
Toluene (Methyl benzene)	102	100	2.0	75-120	15					
Trichloroethene (TCE)	89	87	2.3	75-120	15					



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*Environmental Testing Services*

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**ANALYTICAL RESULTS**

**Ordered By**

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 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

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 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: 10

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8260B, TPH GROs(Gasoline Range Organics)

**QC Batch No: S1B-091212**

Our Lab I.D.		288459	288460		
Client Sample I.D.		B5-3	B5-8		
Date Sampled		09/06/2012	09/06/2012		
Date Prepared		09/12/2012	09/12/2012		
Preparation Method					
Date Analyzed		09/12/2012	09/12/2012		
Matrix		Soil	Soil		
Units		ug/kg	ug/kg		
Dilution Factor		1	1		
Analytes	PQL	Results	Results		
TPH GROs (C6 to C10)	500	ND	ND		

Our Lab I.D.		288459	288460		
Surrogates	% Rec.Limit	% Rec.	% Rec.		
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	115	101		
Dibromofluoromethane	70-120	110	115		
Toluene-d8	70-120	89	101		

**QUALITY CONTROL REPORT**

**QC Batch No: S1B-091212**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	94	90	4.3	75-120	15					
Chlorobenzene	102	99	3.0	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	86	5.6	75-120	15					
MTBE	101	104	2.9	75-120	15					
Toluene (Methyl benzene)	102	100	2.0	75-120	15					
Trichloroethene (TCE)	89	87	2.3	75-120	15					



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

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**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garnen St.  
 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

Page: **11**

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8260B, TPH GROs(Gasoline Range Organics)

**QC Batch No: S2B-091012**

Our Lab I.D.		288439	288440	288441	288442	288443
Client Sample I.D.		B1-3	B1-8	B2-3	B2-8	B3-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012	09/11/2012	09/11/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
<b>Analytes</b>	<b>PQL</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>
TPH GROs (C6 to C10)	500	ND	ND	ND	ND	ND

Our Lab I.D.		288439	288440	288441	288442	288443
<b>Surrogates</b>	<b>% Rec.Limit</b>	<b>% Rec.</b>	<b>% Rec.</b>	<b>% Rec.</b>	<b>% Rec.</b>	<b>% Rec.</b>
<b>Surrogate Percent Recovery</b>						
Bromofluorobenzene	70-120	103	113	101	106	103
Dibromofluoromethane	70-120	106	103	77	100	83
Toluene-d8	70-120	100	99	103	100	102

**QUALITY CONTROL REPORT**

**QC Batch No: S2B-091012**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	92	101	9.3	75-120	15					
Chlorobenzene	104	99	4.9	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	87	4.5	75-120	15					
MTBE	81	76	6.4	75-120	15					
Toluene (Methyl benzene)	105	101	3.9	75-120	15					
Trichloroethene (TCE)	90	99	9.5	75-120	15					



**AMERICAN SCIENTIFIC LABORATORIES, LLC**  
*Environmental Testing Services*

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

**ANALYTICAL RESULTS**

**Ordered By**

Rincon Consultants, Inc.  
 180 North Ashwood Avenue  
 Ventura, CA 93003-

**Site**

130 Garnen St.  
 Santa Barbara, CA 93101

Telephone: (805)644-4455

Attn: Scott English

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Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8260B, TPH GROs(Gasoline Range Organics)

**QC Batch No: S2B-091012**

Our Lab I.D.		288444	288445	288446		
Client Sample I.D.		B3-8	B4-3	B4-8		
Date Sampled		09/06/2012	09/06/2012	09/06/2012		
Date Prepared		09/11/2012	09/11/2012	09/11/2012		
Preparation Method						
Date Analyzed		09/11/2012	09/11/2012	09/11/2012		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
TPH GROs (C6 to C10)	500	ND	ND	ND		

Our Lab I.D.		288444	288445	288446		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	110	118	105		
Dibromofluoromethane	70-120	111	102	109		
Toluene-d8	70-120	103	100	102		

**QUALITY CONTROL REPORT**

**QC Batch No: S2B-091012**

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	92	101	9.3	75-120	15					
Chlorobenzene	104	99	4.9	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	91	87	4.5	75-120	15					
MTBE	81	76	6.4	75-120	15					
Toluene (Methyl benzene)	105	101	3.9	75-120	15					
Trichloroethene (TCE)	90	99	9.5	75-120	15					



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**ANALYTICAL RESULTS**

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Page: 13

Project ID: 12-00473

Project Name: CHP Property

ASL Job Number	Submitted	Client
54778	09/07/2012	RINCON

Method: 8260B, TPH GROs(Gasoline Range Organics)

QC Batch No: S2B-091112

Our Lab I.D.		288450	288451	288452	288454	288455
Client Sample I.D.		B11-8	B9-3	B9-8	B8-8	B7-3
Date Sampled		09/06/2012	09/06/2012	09/06/2012	09/06/2012	09/06/2012
Date Prepared		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Preparation Method						
Date Analyzed		09/12/2012	09/12/2012	09/12/2012	09/12/2012	09/12/2012
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
<b>Analytes</b>	<b>PQL</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>	<b>Results</b>
TPH GROs (C6 to C10)	500	ND	ND	ND	ND	ND

Our Lab I.D.		288450	288451	288452	288454	288455
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
<b>Surrogate Percent Recovery</b>						
Bromofluorobenzene	70-120	103	101	103	104	105
Dibromofluoromethane	70-120	113	119	118	116	111
Toluene-d8	70-120	101	101	102	99	101

**QUALITY CONTROL REPORT**

QC Batch No: S2B-091112

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	89	90	1.1	75-120	15					
Chlorobenzene	95	97	2.1	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	85	87	2.3	75-120	15					
MTBE	95	97	2.1	75-120	15					
Toluene (Methyl benzene)	95	97	2.1	75-120	15					
Trichloroethene (TCE)	84	85	1.2	75-120	15					