APPENDIX J
RESPONSE TO REQUEST FOR ADDITIONAL SOIL AND GROUNDWATER ASSESSMENT (AUGUST 2011)

August 2, 2011

Ms. Sheila Soderberg
California Regional Water Quality Control Board
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401-7906

Re: Response to Request for Additional Soil and Groundwater Assessment Work Plan, Former Applied Magnetics Corporation, 6300 Hollister Avenue Goleta, California

Dear Ms. Soderberg:

On behalf of Innovative Micro Technologies (IMT), URS Corporation (URS) submits this response to the Central Coast Water Quality Control Board (CRWQCB) correspondence dated March 22, 2011 regarding the Former Applied Magnetics Corporation (AMC) property located at 6300 Hollister Avenue (the Site) in Goleta, California.

The CRWQCB letter requests:

- Additional soil gas survey and soil sampling to assess possible source areas.
- Assessment of shallow and deep groundwater based on results of activities described above to delineate the plume extent in the shallow and deep water-bearing zones.

This request is due to the fact that the Site and regional properties of concern overlie trichloroethene (TCE) contamination in groundwater.

URS conducted a review of existing information, documents, assessments reports, and data of the Site and of neighboring properties of concern. This information was sourced from URS files, IMT files, and Geotracker.

The Soil Gas, Groundwater, and Soil Sampling Report conducted in 2007 by Hazard Management Consulting (HMC) on the southwest corner of the 6300 Hollister Avenue property (HMC 2007) was included in this review. It is URS' understanding the HMC report has not been submitted to the CRWQCB and URS has attached it to this submittal.

Site Use History and Previous Investigations

No information was found in the agency files or AMC files indicating that the Site used the types of solvents found in the site groundwater (Metcalf & Eddy 2000). Document review, investigation data, and continued groundwater monitoring results have demonstrated that

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although TCE has been detected in shallow groundwater beneath the Site, AMC operations did not contribute to regional contamination. Due to insignificant concentrations of TCE detected in soil samples, and lack of evidence of chlorinated solvent use in AMC operations, TCE contamination does not appear to have originated onsite and has not contributed to the regional TCE plume (Metcalf & Eddy 2000) (AES 2001) (URS 2001) (HMC 2007).

The Site has been adequately assessed over the past decade, including thorough sampling of soil gas, soil, and groundwater. The investigations conducted at the Site include regular and current groundwater monitoring of MW-1, which is located on Site. Data has been submitted and received by the CRWQCB and is readily available to the public through Geotracker.

INVESTIGATION REPORT (consultant and date)	**NUMBER OF LOCATIONS**	**NUMBER OF SAMPLES**
Metcalf and Eddy, November 2000	12	12 groundwater 12 soil
AES, March and April 2001	40	38 groundwater 29 soil
URS, 2001	21	27 soil 28 soil gas
Hazard Management Consulting, February 2008	9	9 groundwater 9 soil 5 soil gas

URS believes the existing data provides satisfactory and accurate information regarding chemicals of concern located beneath the Site. No further assessment of the AMC property is warranted. Additionally, Santa Barbara County Fire Protection Services Division (SBCFPD) issued a letter dated September 6, 2001, confirming investigation and remedial action for soil issues at the Site. The SBCFPD concluded that no further action was required.

Regional Groundwater

As stated in the CRWQCB correspondence, local groundwater direction and gradient is not consistent and may fluctuate. A review of groundwater elevation and gradient data from documents representing the Site and properties of concern has resulted in different understandings of flow direction.

Data from regional and Site groundwater monitoring represents shallow groundwater flow direction at the Site is toward south-southwest (Metcalf & Eddy 1999 and 2000) (URS 2001, 2005, 2007, 2008, 2009, 2010, and 2011) (HMC 2008) (Waterstone 2007).

Data and figures from EG&G assessment and monitoring represents groundwater flow toward south-southwest (Waterstone 2005 and 2007)

Data from Raytheon H9 property monitoring represents groundwater flow toward southeast

(TN&A 2004) with an east-northeast component in the east central portion of the Raytheon site (AES 2001).

The Raytheon H9 property assessments demonstrate shallow groundwater direction is south-southeast (OTIE 2011). It is suggested that deep aquifer flow towards the north may be caused by a regional pumping well (Waterstone 2007) (OTIE 2011). Direct contact with the Goleta Water District confirmed the location of a production well located near the region called the Lindmar Well. According to GSD personnel, this well has been out of operation for decades (Williams 2011). Therefore influences from large volume pumping wells in the region are not a factor for influencing gradient changes.

Data from Neal Feay monitoring represents groundwater flow toward the north-northeast (Rincon Consultants 2007, 2008, 2009 and 2010) and to the south (Rincon Consultants 2006 2007) (Waterstone 2007). A major error was noted in reviewing a groundwater monitoring report in which Rincon reported the groundwater flow direction opposite (north) to true gradient (southwest) (Rincon Consultants 2008). The groundwater contour figure indicated incorrectly by placing an arrow denoting groundwater flow in the opposite direction of the measurements.

Capturing the true flow pattern and gradient for the region is critical to evaluate the potential on-site and off-site chemical sources. Due to the fact groundwater gradient and flow direction is understood differently by some property representative, URS recommends:

- All groundwater elevation data for all properties in the region of concern be available for review by others. Although Geotracker is a good source for data sharing, it is not always updated adequately by the RPs nor distributed as needed.
- Create a universal elevation reference for all region wells so that consistent groundwater elevation data can be used and compared appropriately.

No information was found in the agency or AMC files indicating that the Site used solvents found in the regional groundwater (Metcalf & Eddy 2000). Additionally, AMC ceased its industrial operations and vacated the Site in January 2000. In conclusion, the Site has undergone extensive environmental characterization over the past 11 years. Samples have been taken for soil gas, soil, and groundwater, and concentrations of TCE have been detected above MCLs in groundwater at the Site. Groundwater monitoring is conducted regularly in compliance with CRWQCB requirements. The most recent Site groundwater monitoring data resulted in no detections of TCE above the MCL.

Because of the comprehensive characterization and monitoring data associated with the Site, URS recommends no further investigation is needed to identify TCE sources at the Site. A consistent understanding of regional groundwater gradient and flow direction is essential for identifying source areas and predicting plume mitigation. URS supports the implementation of a regional well survey using a consistent reference for the use of all interested parties to

eliminate data variances.

Should you have questions or require additional information on this matter, please contact Mr. David Bernal at (805) 962-0602.

Sincerely,
URS Corporation

David M. Bernal

David Bernal, PG #5554
Project Manager

Sarah Courtney
Environmental Scientist

Cc: Pete Altavilla, Innovative Micro Technologies
Steve O'Neil, Sheppard Mullin

Attachments: *HMC, 2008. Soil Gas, Groundwater, and Soil Sampling Report, Marriott Residence Inn Project, 6300 Hollister Avenue, Goleta CA.*

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SOIL GAS, GROUNDWATER, AND SOIL SAMPLING REPORT
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

Prepared for:

6300 Hollister Associates, LP
500 Esplanade Drive, Suite 470
Oxnard, CA 93036

Prepared by:

Hazard Management Consulting, Inc.
211 W. Avenida Cordoba, Suite 200
San Clemente, CA 92672

February 2008

SOIL GAS, SOIL, AND GROUNDWATER SAMPLING
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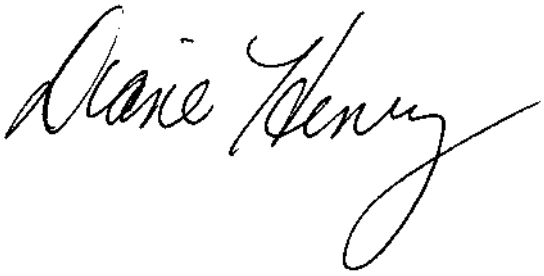

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Diane K. Henry, RG # 4342
Associate

February 2008

TABLE OF CONTENTS

FIGURES

TABLES

APPENDIXES

SOIL GAS, SOIL, AND GROUNDWATER SAMPLING
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

1. INTRODUCTION

This investigation was conducted at the request of the Fire Prevention Division (FPD) of the County of Santa Barbara Fire Department. The FPD request was in response to its review of the Initial Study Finding report for the proposed development of a Marriott Residence Inn (City of Goleta, 2007) on the western 3.79-acre portion (Site) of a larger 10.95-acre parcel at 6300 Hollister Avenue in Goleta, California (Figure 1).

The FPD issued a No Further Action letter for the entire 6300 Hollister property on September 6, 2001. Even though there had been a considerable amount of soil, soil gas and groundwater assessment conducted on the Site at that time, the FPD deemed the proposed development as a change in use and required specific additional assessment prior to approving the proposed development.

On behalf of 6300 Hollister Associates, LP, Hazard Management Consulting (HMC) submitted a Workplan for sampling soil gas and groundwater at the Site in December 2007. The FPD approved the workplan in their letter of February 6, 2008. In addition to the proposed work, the FPD directed soil sampling be conducted.

This report documents the sampling activities conducted and the analytical results for soil gas, groundwater and soil sampling at the Site. The sampling was conducted on February 15, 2008.

2. BACKGROUND

2.1. Site Description

The Site comprises the western 3.79-acre portion of a larger 10.95-acre parcel. The eastern portion of the larger parcel is occupied by a former research-manufacturing facility. A software development company, the Defense Research Corporation later known as Burroughs Corporation, first developed this facility in 1964. In 1983, Applied Magnetics acquired the facility and used it for the manufacturing of magnetic head products for computer hard drives until 1999. See URS Figure 2 in Appendix C. Currently, the building is subdivided and occupied by several different tenants.

The Site does not include any buildings. Approximately half of the Site is grass-covered ground, and the other half is paved with asphalt and used for parking.

2.2. Previous Investigations

Several investigations were conducted in 2000 and 2001 as part of the activities undertaken to sell the former Applied Magnetics property of which the Site is a part. These included Phase I and Phase II Environmental Site Assessments that reported on Geoprobe soil and groundwater sampling (Metcalf & Eddy, 2000). Metcalf & Eddy detected no volatile organic compounds (VOCs) in the soil samples, but detected chlorinated VOCs in groundwater samples collected along the northern side of the Site. Although concentrations were generally low, tetrachloroethene (PCE) was detected at 110 micrograms per liter (µg/L) in a sample near the loading dock. The distribution of VOCs suggested migration from off-site sources.

In 2001, a potential buyer of the Applied Magnetics property commissioned American Environmental Specialists (AES) to conduct additional soil and groundwater sampling to further evaluate the extent of VOC impacts at the facility. AES also detected no VOCs in soil samples, and confirmed the low concentrations of VOCs in groundwater primarily along the northern side of the Site. AES detected 380 µg/L PCE in groundwater beneath the building which is situated off of the Site to the east. AES concurred the data suggested migration onto the property from off-site sources to the north and west, but also concluded that a yet unidentified source was likely for the PCE concentrations beneath the building.

To further investigate the potential presence of an on-property source, URS conducted a focused soil and soil gas sampling in 2001 that included 27 soil and soil gas samples at 18 Geoprobe locations (see URS Figure 2 in Appendix A). No VOCs were detected in any of the soil samples. This finding was consistent with results of the earlier sampling by AES and Metcalf and Eddy.

Only three soil gas samples had detectable concentrations of VOCs.

- GP-17 was located along the northern side of the property, and north of the hazardous materials storage area. This location is located within the Marriott Residence Inn Project area. The soil gas sample had 23 parts per billion by volume (ppbv) 1,1- dichloroethene (1,1-DCE) and 2 ppbv trichloroethene (TCE).

- GP-12 was located within the parts room in the equipment storage area outside of the northwest corner of the manufacturing building, east of the Marriott Residence Inn Project area. The soil gas sample had 23 ppbv 1,1-DCE and 1.5 ppbv TCE.

- GP-8 was located within the manufacturing building and detected 12 ppbv of PCE. Subsequent sampling within the same borehole and adjacent to it did not detect VOCs in the soil gas. URS concluded the original finding was anomalous.

The URS soil and soil gas investigation did not identify a source for PCE from within the property. They concluded that the VOCs detected in GP-17 and GP-12 were due to upward migration of VOCs from the groundwater plume that has migrated onto the property from the adjacent property to the north.

A groundwater well, MW-1, was installed along the northern end of the west side of the manufacturing building in September of 2001. Groundwater in this well has been sampled six times, with the last sample event in March of 2005. VOCs detected include 1,1-DCE at concentrations ranging from < 0.5 to 2.9 µg/L and PCE at concentrations ranging from 5 to 460 µg/L. In addition, 1,4-Dioxane was detected at a concentration of 3.9 µg/L in January of 2004. The PCE concentrations in groundwater have shown a strong trend of overall decreasing concentrations from September 1, 2001 to March 8, 2005.

2.3. Local Geology and Hydrogeology

The Site lies at an elevation of approximately 10 to 15 feet above mean sea level. The Site is relatively flat and slopes to the south at approximately 0.01 feet per foot. The nearest surface water to the Site is Tecolotito Creek approximately one-eighth mile west of the Site which drains to the Goleta Slough, approximately one-half mile south of the Site.

Previous subsurface soil sampling indicates that primarily very fine-grained sediments, predominantly clays, underlie the Site. Silt and/or silty clay appear to underlie most of the south side of the Site from the surface to approximately 10 feet below ground surface (bgs.) In the northern half, most of the underlying sediments are clays with a silt layer at approximately 8 to 12 feet bgs. Clays are present all across the Site from approximately 10 to 20 feet bgs (URS, 2001, see Figure 3 in Appendix C).

As noted in Section 2.2 above, groundwater monitoring well (MW-1) was installed at the Site in September of 2001. It appears that groundwater is partially confined at this location. Groundwater was encountered at approximately 10 feet bgs with Geoprobe sampling, but the water level in the monitoring well is approximately 3 feet below ground level (URS, 2001 and 2005). Groundwater flow appears to be to the south to southwest.

3. SAMPLING ACTIVITIES

Prior to drilling at the Site, HMC called DigAlert, a utility locating service to mark underground utility lines. The DigAlert number is A80431195. Several utilities were noted to cross the Site including electrical and telephone lines. The lines were marked with a combination of paint on hard surfaces and with flags on the grass surfaces. No subsurface utilities were encountered during the drilling operations.

3.1. Soil Gas Sampling

3.1.1. Field Procedures for Soil Gas Sampling

Because the proposed Marriott Residence Inn building is located near previously identified VOC impacts in the groundwater, the FPD required sampling of soil gas beneath the proposed building footprint. The soil gas sampling locations are shown on Figure 3.

Continuous sampling of the initial boreholes showed that the soil at the Site becomes saturated at approximately 3 feet bgs. Thus, the boreholes for soil gas sampling were advanced to that depth. Soil samples were also collected from the base of the borehole at approximately 3 feet bgs in these boreholes, as described in Section 3.3 below.

Sample collection procedures were generally consistent with standard Regional Water Quality Control Board, Los Angeles guidelines and analyzed using a mobile laboratory. Borehole SG-3 was used for the pre-sampling purge study.

The soil gas sampling probes consist of approximately 1.25 inch diameter steel rods tipped by an expendable steel point that is driven to the desired sample depth. The probe is withdrawn to release an expendable tip to allow the soil gas to flow into the borehole. Approximately one-quarter inch clean, virgin polyethylene tubing is lowered into the borehole and attached to the tip, and the remainder of the borehole sealed with hydrated bentonite. O-ring connections enable the system to deliver a vacuum-tight seal to assure that the sample is collected from the desired depth. After purging a minimum of three tubing volumes of soil gas through the system, soil gas samples were collected by filling a glass syringe. The boreholes were sealed with bentonite chips and hydrated after sampling was completed.

The soil gas (vapor) samples were designated as SV-1 through SV-5 from boreholes SG-1 through SG-5 respectively. The samples were delivered to the on-Site mobile laboratory from Centrum Analytical Laboratories, Inc. of Riverside, California for analysis of VOCs by EPA method 8260B.

3.1.2. Analytical Results for Soil Gas Samples

As discussed above, five soil gas samples were collected and analyzed for VOCs. The results are summarized in Table 1 and shown on Figure 3. The analytical reports are included in Appendix B.

The only VOCs detected in soil gas at the Site were benzene and toluene, all at concentrations below the reporting limit, but above the method detection limit. Thus these are estimated values and are “J-flagged”. Benzene and toluene were detected in SG-1 at J-flagged concentrations of 0.081 and 0.06 µg/L respectively. However, a

duplicate sample taken from this same borehole did not detect any VOCs. Toluene was detected at a J-flagged concentration of 0.05 in SG-5.

3.2. Groundwater Sampling

3.2.1. Field Procedures for Groundwater Sampling

As described above, previous investigations have identified VOC impacts to the groundwater at the Site. The FPD required further groundwater sampling to better delineate the lateral extent of the VOC groundwater plume at the Site prior to development of the Site for the Marriott Residence Inn Project (FPD, 2007). HMC sampled groundwater at nine locations evenly distributed throughout the Site. The sample locations are shown on Figure 2.

Groundwater samples were collected from the borehole after soil sampling was completed. An approximately three-quarter-inch diameter PVC slotted screen casing was placed in the open borehole. At each borehole, new casing, packaged in plastic to prevent cross-contamination, was used. The groundwater sample was collected by inserting new approximately one-half-inch diameter polyethylene tubing into the screened casing, and using a check valve to bring the water to the surface. Two 40-milliliter VOA vials provided by the analytical laboratory were filled to the top from the tubing, taking care to avoid agitation or incorporation of bubbles. The samples were delivered to the on-Site mobile laboratory from Centrum Analytical Laboratories, Inc. of Riverside, California for analysis of VOCs by EPA method 8260B.

3.2.2. Analytical Results for Groundwater Samples

As discussed above, nine groundwater samples were collected and analyzed for VOCs. The results are summarized in Table 1 and shown on Figure 4. The analytical reports are included in Appendix B.

The laboratory reported that no VOCs were detected in four of the samples (GW-2, GW-4, GW-5 and GW-8). PCE was detected in the three boreholes located along the eastern side of the Site (GW-3, GW-6, and GW-9) at concentrations of 10, 89, and 7.7 µg/L respectively. Trichloroethene (TCE) and 1,1-Dichloroethene (1,1 DCE) were also present in the sample from GW-3 at concentrations of 3.2 and 10 µg/L respectively. Trace amounts of benzene, toluene, chloroform, chloromethane, and vinyl chloride were also detected, most of these as a single occurrence.

3.3. Soil Sampling

The FPD directed that in addition to soil gas and groundwater sampling, that soil samples be collected and analyzed. Samples were to be analyzed from the capillary fringe, the bottom of the borehole, and if applicable, the sample with the greatest field indication of

contamination. As none of the soil samples exhibited significant field indications of contamination, a sample from the capillary fringe and the bottom of the borehole was submitted for analyses for each borehole. The analytical results for these soil samples are summarized in Table 3, and shown on Figure 5. Analytical reports are included in Appendix B.

3.3.1. Field Procedures for Borings and Soil Sampling

The soil borings were advanced with a direct-push drill rig by InterPhase Environmental, Inc. (C57 license # 730421), under the direction of Diane K. Henry of HMC, a California Professional Geologist. Continuous sampling determined that the depth to the capillary fringe was approximately 3 feet bgs. Therefore the boreholes for the soil gas sampling (SG-1 through SG-5) were advanced to approximately 3 feet bgs and a soil sample collected prior to preparation of the borehole for soil gas sampling.

In the boreholes for groundwater sampling (GW-1 through GW-9), samples were collected at approximately 3 feet bgs for the capillary-fringe sample. Although the recovered soils were wet below 3 feet, water did not immediately accumulate within the borehole. Each borehole was therefore advanced until a more permeable zone was encountered that allowed water to flow into the borehole. In most cases, boreholes were advanced to 15 feet bgs. Boreholes along the western side of the Site (GW-1, GW-4, and GW-7) were advanced to 10 feet bgs, and borehole GW-9 at the southeastern portion of the Site was advanced to 20 feet bgs. Additional soil samples were collected at 10 feet and at 5-foot intervals thereafter.

Samples were collected by advancing a 5-foot long by 1-3/8-inch diameter piston-type stainless steel sampler lined with a thin plastic tube into the soil. Upon retrieval, an approximately 6-inch long sample was cut from the tube at the desired sample depth. The sample was then capped on both ends with Teflon® tape and plastic caps, labeled, and placed within a sealable plastic bag within an ice-filled cooler pending delivery to the laboratory. The adjacent soil within the tube was examined for soil characteristics and recorded on a boring log (boring logs are included in Appendix A).

The samples were hand delivered the same day under chain of custody procedures to Centrum Analytical Laboratories, Inc. in Riverside, a laboratory certified by the State of California for the analyses requested by EPA method 8260B.

3.3.2. Results for Soil Sampling

The soil samples are comprised primarily of brown, clayey, silty very fine to fine-grained sand (Appendix A). This is consistent with previous soil sampling at the Site (see URS Figure 3 in Appendix C).

As discussed above, 30 discreet soil samples were collected and submitted to the laboratory, and 20 were analyzed for VOCs. The analytical results are summarized in Table 3 and shown on Figure 5. The analytical reports are included in Appendix B.

The laboratory reported that VOCs were detected in three soil samples (GW-1-3', GW-6-15', and GW-8-3'.) PCE was detected in GW-6-15' at a concentration of 0.014 milligrams/Kilogram (mg/Kg). VOCs detected in GW-1-3' included acetone (0.063 mg/Kg), 2-butanone (0.014 mg/Kg) and toluene (0.0010.) VOCs detected in GW-8-3' included acetone (0.063 mg/Kg) and 2-butanone (0.013 mg/Kg.)

4. ASSESSMENT

The results of the laboratory analysis of samples collected at the Site and presented herein are consistent with the results of previous environmental sampling on the western portion of the 6300 Hollister property (AES, 2001 URS, 2001). Soil gas samples do not indicate previously unassessed areas of VOC impacted soil and sample results are extremely low, below the limits of quantation, and limited to a single sample location. Similar results were seen for soil sample analysis. Therefore it is unlikely that impacted soil will be encountered during excavation or grading within the current upper 10 feet bgs.

Groundwater sampling indicated detectable concentrations of PCE along the eastern side of the Site thereby indicating the lateral extent of impacts arising from the property to the north of 6300 Hollister. These results are consistent with the findings presented by URS (URS, 2001) and as shown on URS Figure 2 in Appendix C. Additionally, fine grained sediments (clay, and silty clay) were found to underlie most of the Site from the surface to approximately 10 feet bgs (see boring logs in Appendix A) making it unlikely that construction activities requiring excavation and/or minor dewatering within the current upper 10 feet bgs would result in the perturbation of the existing groundwater flow or the production of impacted groundwater.

5. CONCLUSIONS

Soil gas, groundwater and soil sampling was conducted at the Site on February 15, 2008. The results of the sampling lead to the following observations:

- Soil gas sampling conducted within the proposed building footprint did not detect chlorinated VOCs at the Site. Trace amounts of Benzene and/or Toluene were detected at two locations (SG-1 and SG-5), but a duplicate sample was non-detect for these compounds. Therefore, based on the duplicate analytical data the vapor concentrations detected are below the Residential Shallow Soil Gas Human Health Screening Levels.

- Groundwater sampling detected PCE in the three boreholes located along the eastern side of the Site (GW-3, GW-6, and GW-9) at concentrations of 10, 89, and 7.7 µg/L respectively. GW-3 at the northeast portion of the Site also detected TCE (3.2 µg/L) and 1,1 DCE (15 µg/L). Trace amounts of chloroform, chloromethane, benzene, toluene, and vinyl chloride were also detected in groundwater at the Site. The pattern of the greatest VOC concentrations along the eastern side of the Site is consistent with previous sampling.

- Of the 20 soil samples analyzed for VOCs, only three reported detectable concentrations of VOCs. All of the detected amounts are less than 0.1 mg/Kg.

- The results of the assessment did not indicate the presence of previously unassessed soil, soil gas or groundwater impacts related to prior site activities.

- The Site conditions are compatible with the development of a hotel.

6. REFERENCES

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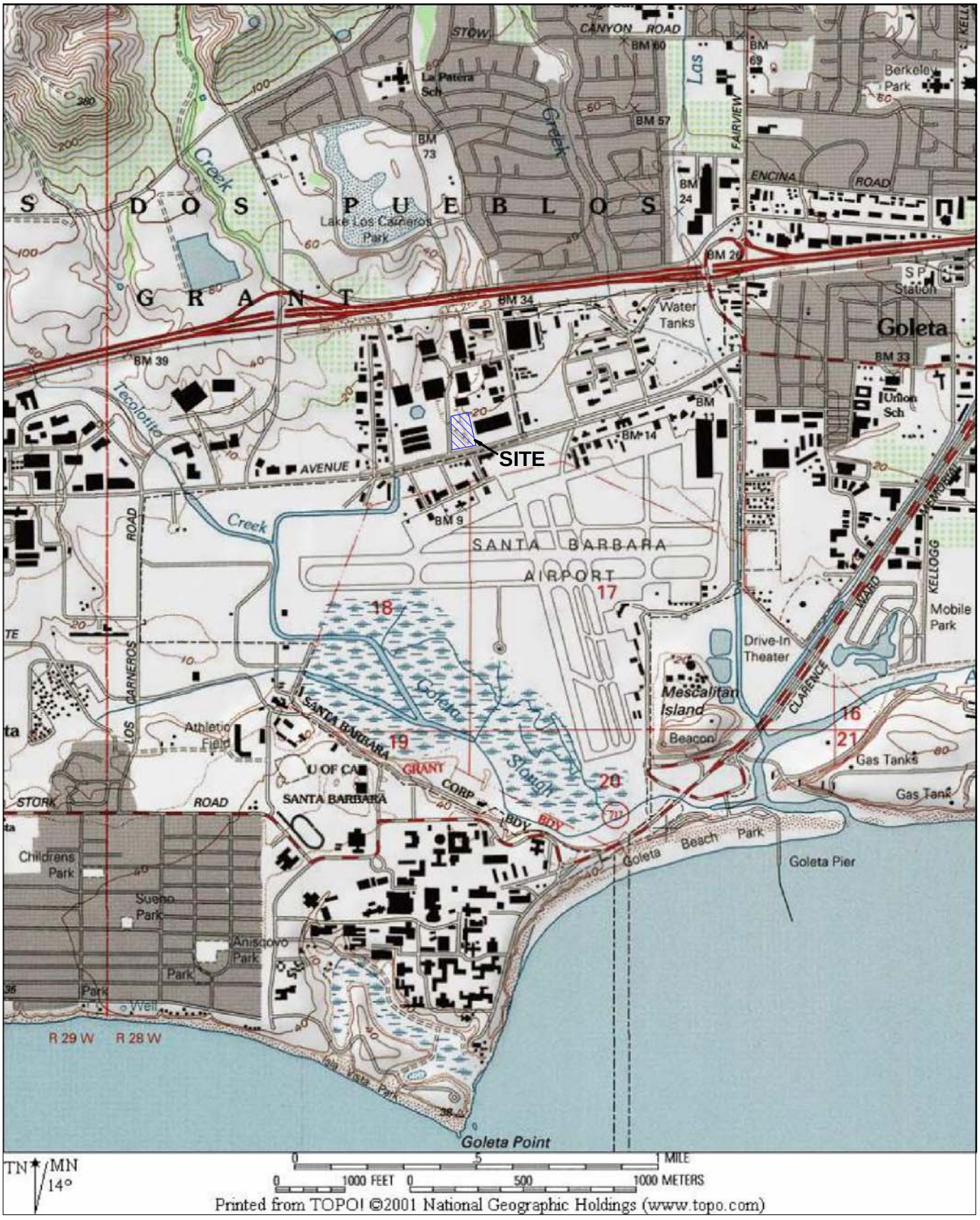
7. QUALIFICATIONS

Diane K Henry, PG, CHG

Ms. Diane Henry, an Associate with HMC, has over 30 years of diversified experience in conducting and managing geological-related investigations including 20 years of experience with environmental issues. She has managed and conducted a variety of multidisciplinary projects including environmental Site assessments; soil and groundwater contamination assessments; remedial investigation and feasibility studies (RI/FS); remedial system design, construction, operation and monitoring; hydrogeology and contaminant transport modeling; risk assessments; and environmental impact reports. These were conducted for Department of Defense, industry, and property development clients. She has also provided consulting for these issues in support of litigation.

Ms. Henry is a California Professional Geologist, and Certified Hydrogeologist. She holds a Bachelor of Science Degree in geology from California State University Long Beach and a Master of Science Degree in geology from the University of Wisconsin, Madison.

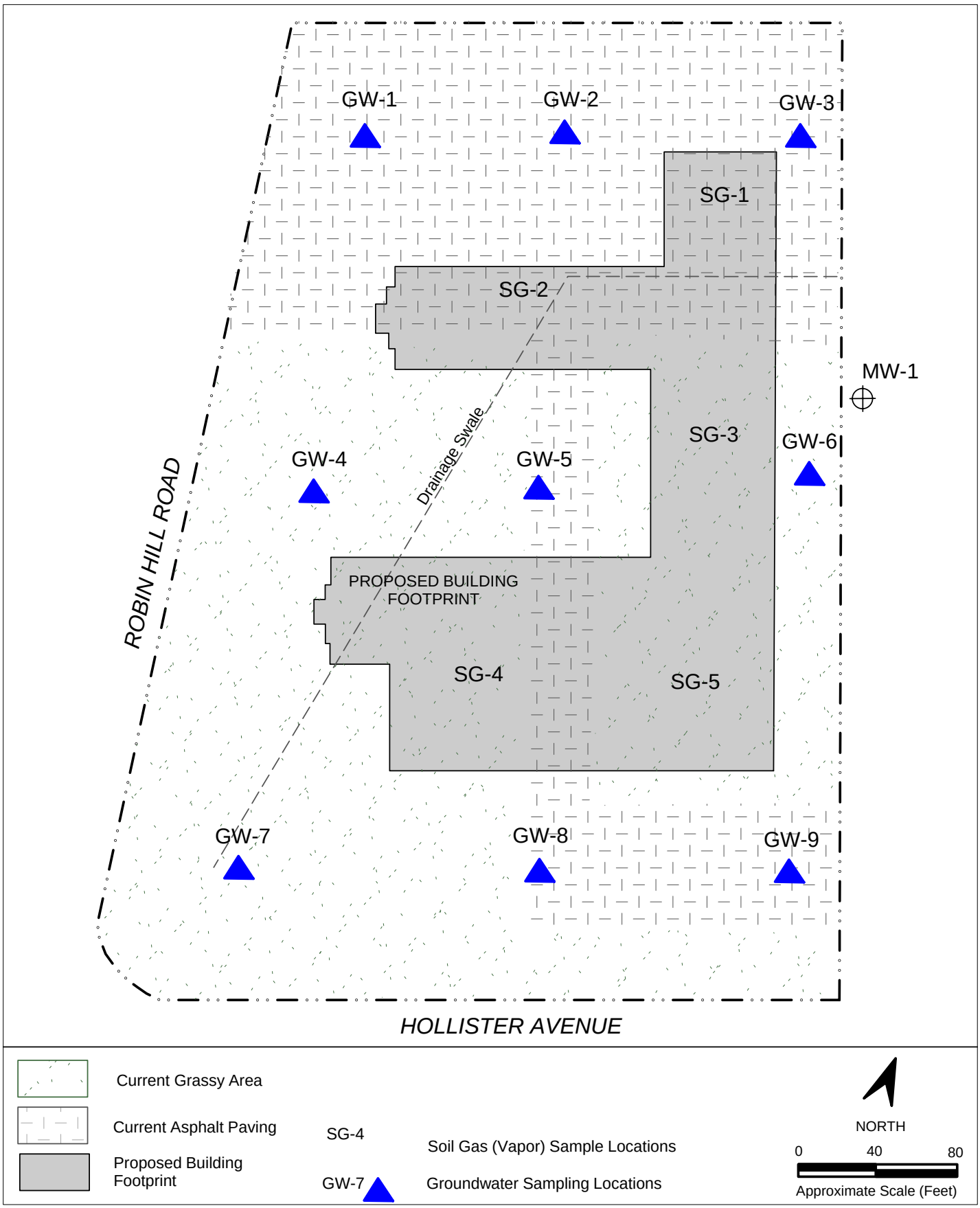
FIGURES



HMC
HAZARD MANAGEMENT CONSULTING

SITE LOCATION
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

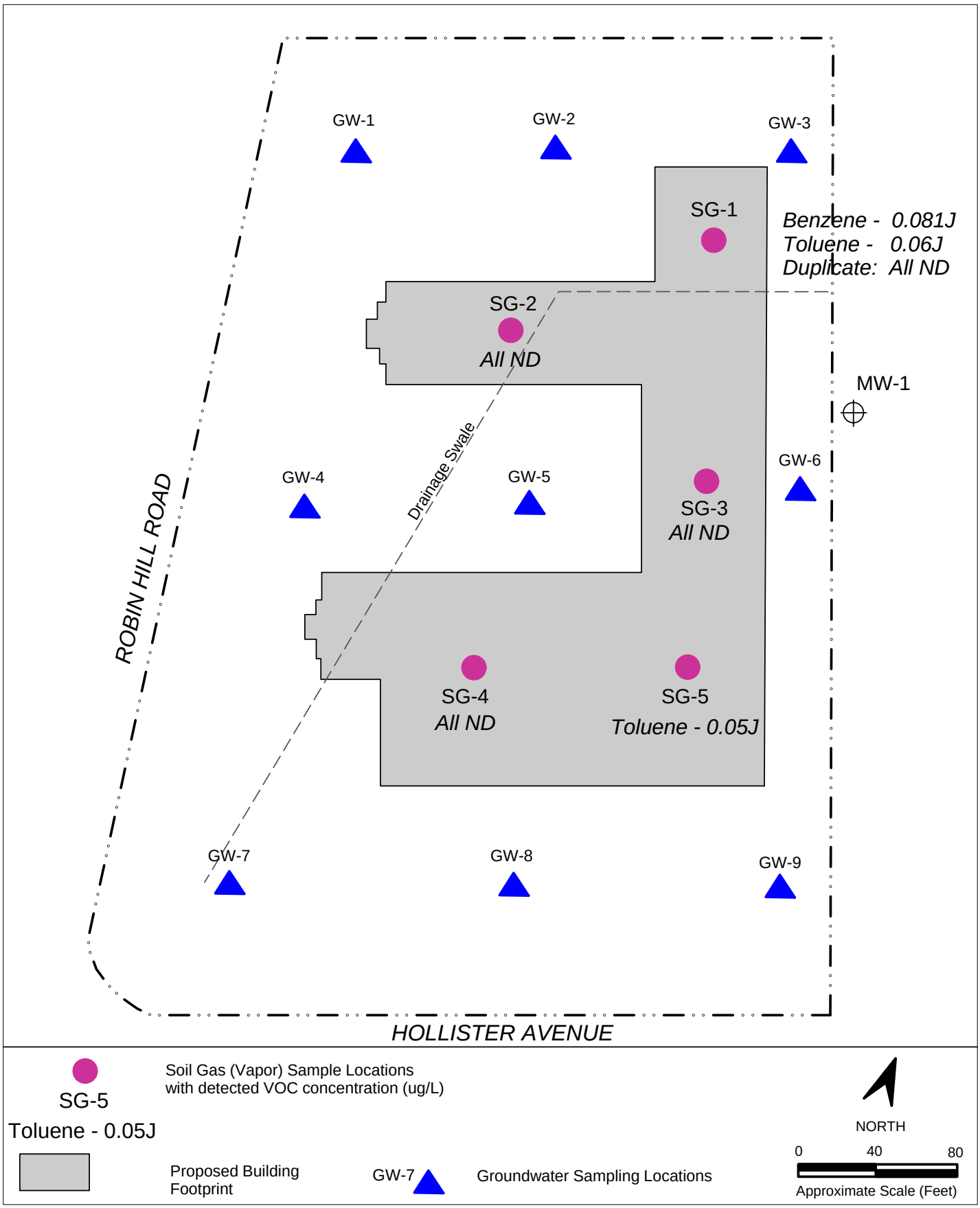
FIGURE
1



HMC HAZARD MANAGEMENT CONSULTING

SITE AND SAMPLING LOCATIONS
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

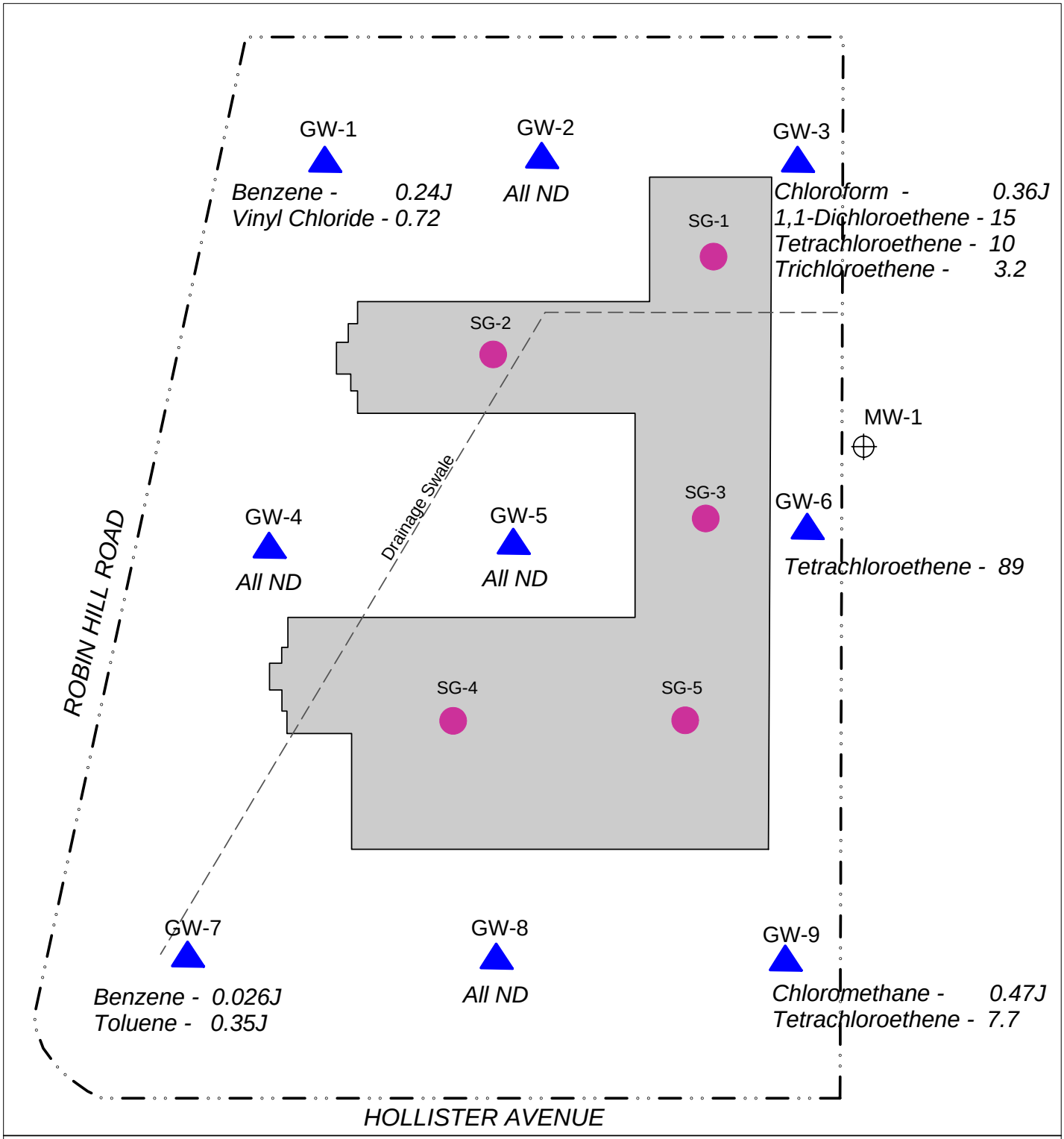
FIGURE
2



HMC HAZARD MANAGEMENT CONSULTING

SUMMARY OF SOIL GAS SAMPLING RESULTS
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

FIGURE
3



GW-1
Benzene - 0.24J
Vinyl Chloride - 0.72

Groundwater Sample Locations
with Detected VOC Concentrations (µg/L)

NORTH

Proposed Building Footprint

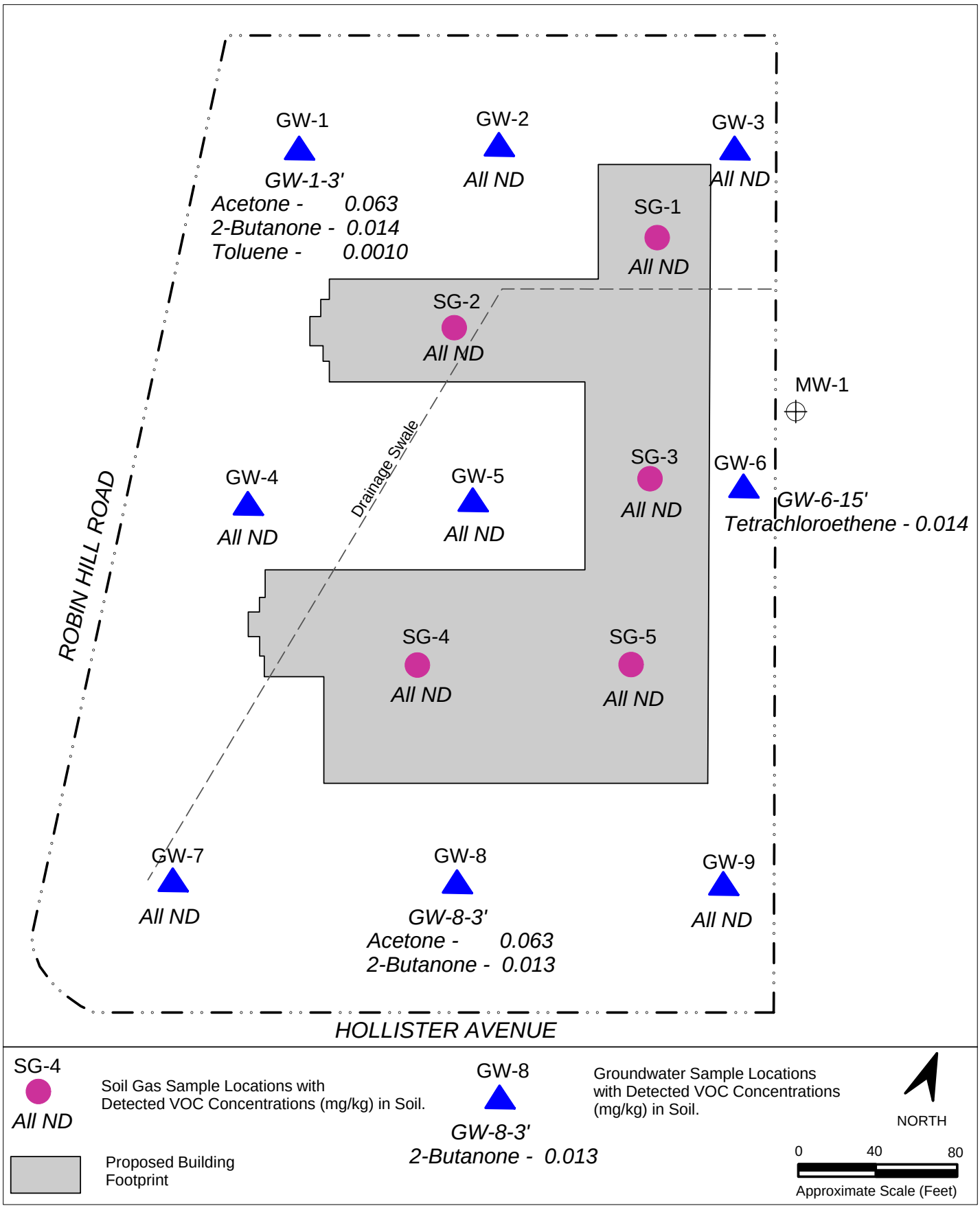
SG-3
Soil Gas Sampling Locations

0 40 80
Approximate Scale (Feet)

HMC
HAZARD MANAGEMENT CONSULTING

SUMMARY OF GROUNDWATER SAMPLING RESULTS
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

FIGURE
4



SUMMARY OF SOIL SAMPLING RESULTS
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

FIGURE
5

TABLES

Table 1
Soil Gas Sampling Results
February 15, 2008
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

Boreholes	Acetone µg/L	TCE µg/L	PCE µg/L	1,1 DCE µg/L	Vinyl Chloride µg/L	Benzene µg/L	Toluene µg/L	Chloroform µg/L	Chloro-methane µg/L	2-Butanone µg/L
SV-1-3'	<5.0	<0.05	<0.10	<0.10	<0.013	**0.081J**	**0.06J**	<0.50	<2.0	<10
SV-1-3' dup	<5.0	<0.05	<0.10	<0.10	<0.013	<0.10	<0.10	<0.50	<2.0	<10
SV-2-3'	<5.0	<0.05	<0.10	<0.10	<0.013	<0.10	<0.10	<0.50	<2.0	<10
SV-3-3'	<5.0	<0.05	<0.10	<0.10	<0.013	<0.10	<0.10	<0.50	<2.0	<10
SV-4-3'	<5.0	<0.05	<0.10	<0.10	<0.013	<0.10	<0.10	<0.50	<2.0	<10
SV-5-3'	<5.0	<0.05	<0.10	<0.10	<0.013	<0.10	**0.05J**	<0.50	<2.0	<10
CHHSLs	--	1.77	0.603	--	0.0448	0.122	378	--	--	--

Notes: TCE = Trichloroethene
PCE = Tetrachloroethene
1,1 DCE = 1,1-Dichloroethene
J Flagged results are values between the Method Detection Limit and the Reported Limit, and are therefore estimated values.
Only compounds detected at the Site are presented.
CHHSLs = Commercial/Industrial Shallow Soil Gas Human Health Screening Levels (µg/L)

Table 2
Groundwater Sampling Results
February 15, 2008
Marriott Residence Inn Project
6300 Hollister Avenue
Goleta, California

Boreholes	Acetone µg/L	TCE µg/L	PCE µg/L	1,1 DCE µg/L	Vinyl Chloride µg/L	Benzene µg/L	Toluene µg/L	Chloroform µg/L	Chloro-methane µg/L	2-Butanone µg/L
GW-1	<50	<0.50	<0.50	<0.50	**0.72**	**0.24J**	<0.50	<0.50	<2.0	<10
GW-2	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<10
GW-3	<50	**3.2**	**10**	**15**	<0.50	<0.50	<0.50	**0.36J**	<2.0	<10
GW-4	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<10
GW-5	<50	<0.50	**89**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<10
GW-6	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<10
GW-7	<50	<0.50	<0.50	<0.50	<0.50	**0.026J**	**0.35J**	<0.50	<2.0	<10
GW-8	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<10
GW-9	<50	<0.50	**7.7**	<0.50	<0.50	<0.50	<0.50	<0.50	**0.47J**	<10

Notes: TCE = Trichloroethene
PCE = Tetrachloroethene
1,1 DCE = 1,1-Dichloroethene
J Flagged results are values between the Method Detection Limit and the Reported Limit, and are therefore estimated values.
Only compounds detected at the Site are presented.

Table 3
Soil Sampling Results
February 15, 2008
Marriott Residence Inn Project
6300 Hollister Avenue

Boreholes	Acetone	TCE	PCE	1,1 DCE	Vinyl Chloride	Benzene	Toluene	Chloroform	Chloro-methane	2-Butanone
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SG-1-'3	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
SV-2-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
SV-3-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
SV-4-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
SV-5-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-1-3'	**0.063**	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	**0.001**	<0.0020	<0.0010	**0.014**
GW-1-15'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-2-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-2-15'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-3-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-3-15'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-4-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-4-10'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-5-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-5-15'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-6-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-6-15'	<0.050	<0.0010	**0.014**	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-7-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-7-10'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-8-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-8-15'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-9-3'	<0.050	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	<0.010
GW-9-20'	**0.063**	<0.0010	<0.0010	<0.0050	<0.0020	<0.0010	<0.0010	<0.0020	<0.0010	**0.013**

Notes: TCE = Trichloroethene
PCE = Tetrachloroethene
1,1 DCE = 1,1-Dichloroethene
J Flagged results are values between the Method Detection Limit and the Reported Limit, and are therefore estimated value
Only compounds detected at the Site are presented.

APPENDIX A

BORING LOGS

BORING	SG-1 (SV-1)	LOCATION	North end of proposed hotel building.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 3.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
10:20	3	Brown, clayey, silty, very fine grained sand. Moist			SC	Hydrated Bentonite Chips	0.1		Base of borehole = 3.5 feet
	5								
	10								
	15								
	20								
	25								

BORING	SG-2 (SV-2)	LOCATION	Northwest portion of proposed hotel.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 3.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
		0 to 2 feet: Yellowish brown silty, very fine-grained sand.			SM	Hydrated Bentonite Chips	0.1		
10:40	3	Very dark brown to black silty clay with some woody debris and shell fragments.			CL		0.1		Base of borehole = 3.5 feet
	5								
	10								
	15								
	20								
	25								

BORING	SG-3 (SV-3)	LOCATION	Middle of eastern side of proposed hotel.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 3.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
		0 to 2 feet: Reddish brown clayey, silty, very fine-grained sand. Moist.			ML	Hydrated Bentonite Chips	0.1		
									Wet at about 3 feet.
7:50	3	Brown clay with trace gravel.			CL		0.1		Base of borehole = 3.5 feet
	5								
	10								
	15								
	20								
	25								

BORING	SG-4 (SV-4)	LOCATION	Southwestern portion of proposed hotel.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 3.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
						Hydrated Bentonite Chips	0.1		
									Wet at about 3 feet.
10:05	3	Black, clayey, silty to very fine-grained sand with some shelly debris.			ML		0.1		Base of borehole = 3.5 feet
	5								
	10								
	15								
	20								
	25								

BORING	SG-5 (SV-5)	LOCATION	Southwestern portion of proposed hotel.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 3.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
9:50	3	Mottled dark brown and reddish brown, clayey, silty, very fine-grained sand.			ML	Hydrated Bentonite Chips	0.1		Wet at about 3 feet. Base of borehole = 3.5 feet
	5								
	10								
	15								
	20								
	25								

BORING	GW-1	LOCATION	Northwest portion of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 10.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
14:45	3	Dark brown, clayey, silty, very fine-grained sand.			ML	Hydrated Bentonite Chips	0.2		
14:55	10	Same as above			ML		0.1		Base of borehole = 10.5 feet Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.

BORING	GW-2	LOCATION	Middle of northern portion of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 15.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
14:20	3	Brown, clayey, silty, very fine-grained sand.			SC	Hydrated Bentonite Chips	2.8		
	5	Brown clay.			CL				
14:25	10	Brown, silty clay.			CL		0.1		
14:35	15	Brown, silty, very fine-grained sand.			SM		0.2		Base of borehole = 15.5 feet Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.
	20								
	25								

BORING	GW-3	LOCATION	Northeast portion of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 15.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
13:45	3	Yellowish-brown, sandy clay. Stiff clay below 3 feet.			CL	Hydrated Bentonite Chips	0.1		
13:55	10	Reddish-brown, clayey silt.			ML		0.1		
14:05	15	Same as above.			ML		0.4		Base of borehole = 15.5 feet Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.
	20								
	25								

BORING	GW-4	LOCATION	Middle of western side of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 10.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
15:15	3	Dark brown, silty clay. Stiff.			CL	Hydrated Bentonite Chips	0.2		
15:20	10	Dark brown, silty, very fine-grained sand. Wet.			SM		0.1		Base of borehole = 10.5 feet Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.

BORING	GW-5	LOCATION	Center of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 15.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
									Continuously cored from 0 to 15 feet.
7:50	3	Reddish-brown clayey silt and very fine-grained sand. Moist.			ML	Hydrated Bentonite Chips	0.1		
	5	Reddish-brown silty clay. Somewhat plastic. Few stringers of gravelly clay, and some blackish streaks.			CL		0.2		Wet at 3 feet.
8:10	10	Reddish-brown, clayey silt.			ML		0.3		
8:35	15	Same as above.			ML		0.3		Base of borehole = 15.5 feet
	20								Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.
	25								

BORING	GW-6	LOCATION	Middle of eastern side of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 15.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
13:10	3	Reddish-brown clayey silt and very fine-grained sand. Moist.			ML	Hydrated Bentonite Chips	0.3		
13:20	10	Reddish-brown, silty clay with some very fine-grained sand.			CL		0.1		
13:30	15	Same as above.			CL		0.1		Base of borehole = 15.5 feet Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.
	20								
	25								

BORING	GW-7	LOCATION	Southwest portion of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 10.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
11:10	3	Reddish-brown clayey silt and very fine-grained sand. Moist.			ML	Hydrated Bentonite Chips	0.1		
	5								
11:20	10	Yellowish brown, very fine to fine-grained sand with some clay.			SM		0.1		Sufficient water in borehole to sample groundwater at 10 feet. Base of borehole = 10.5 feet Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.
	15								
	20								
	25								

BORING	GW-8	LOCATION	Middle of south side of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 15.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
		Dark brown clayey silt with a few 4" thick stringers of very fine-grained sand.			ML	Hydrated Bentonite Chips			Continuously cored 0-15 feet.
									Wet at approximately 3 feet.
9:10	3	Very dark brown clay with gravel, silt, and trace of shelly debris.			CL		0.3		
	5	Reddish-brown clay with trace gravel.			CL				
9:20	10	Reddish brown clayey, silty, very fine-grained sand with some thin streaks of black material.			ML		0.3		
9:30	15	Same as above with more sand at the bottom.			ML		0.2		Base of borehole = 15.5 feet
									Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.
	20								
	25								

BORING	GW-9	LOCATION	Southeastern portion of Site.	Page 1 of 1
PROJECT	Marriott Residence Inn Projec	START DATE	2/15/2008	BORING DEPTH 20.5 feet
ADDRESS	6300 Hollister Avenue, Goleta, Californi	COMPLETION DATE	2/15/2008	WELL DEPTH NA
DRILLER	Interphase Environmenta	LOGGED BY	dlh	SCREENED INTERVAL NA
DRILL EQUIPMENT	Direct-push	SAMPLING METHOD	Acrylic tubes	ELEVATION DATUM NA

TIME	DEPTH	DESCRIPTION	BLOW COUNTS	INCHES DRIVEN / RECOVERED	SOIL TYPE	COMPLETION	OVM	SAMPLE	COMMENTS
11:40	3	Dark brown clay with silt and very fine-grained sand with trace shell fragments.			CL	Hydrated Bentonite Chips	3.2		
	5								
11:55	10	Reddish brown, very fine grained sand with silty and clay.			ML		0.1		
12:05	15	Brown clay, very dense, plastic.			CL		0.1		Base of borehole = 20.5 feet
12:15	20	Brown, very-fine grained sand.			SM		0.1		Base of borehole = 20.5 feet Groundwater sampled by installing temporary three-quarter inch diameter slotted PVC casing in borehole, and placing dedicated tubing with a check valve into casing.
	25								

APPENDIX B

ANALYTICAL REPORTS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

LABORATORY REPORT FORM (COVER PAGE 1)

Laboratory Name:	Microbac Laboratories Inc., Centrum Division
Address:	1401 Research Park Drive, Suite 100, Riverside, CA 92507
Telephone/Fax:	(951) 779-0310/(951) 779-0344
ELAP Certification No./ Expiration Date:	2665 / April 30, 2009
Authorized Signature Name, Title: (print)	Mark B. Horan, Laboratory Director
Signature, Date:	
Laboratory Job Number:	M6-125
Client Name:	Interphase
Project Name/No:	Residence Inn
Date(s) Sampled: (from - to)	02/15/08 - 02/15/08
Date(s) Received: (from - to)	02/15/08 - 02/15/08
Date(s) Reported: (from - to)	02/15/08 - 02/20/08
Chain of Custody received:	Yes X No
Comments:	

(RWQCB Lab Form: Ver 6/00)

951•779•0310 or 800•798•9336 fax 951•779•0344
www.centrum-labs.com 1401 Research Park Drive, Suite 100, Riverside, CA 92507

Centrum Analytical Laboratories

Microbac

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

LABORATORY REPORT FORM (COVER PAGE 2)

Laboratory Job Number: M6-125

Organic Analyses	# of Samples	# of Samples Subcontracted
mod. EPA 8260B	8	0
EPA 8260B	9	0

Sample Condition: Intact

Inorganic Analyses	# of Samples	# of Samples Subcontracted

Sample Condition:

Microbiological Analyses	# of Samples	# of Samples Subcontracted

Sample Condition:

Other Types of Analyses	# of Samples	# of Samples Subcontracted

Sample Condition:

(RWQCB Lab Form: Ver 6/00)

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** M6-125

ANALYTICAL RESULT FOR ORGANICS

Method: mod. EPA 8260B **Reporting Unit:** µg/L of Air

	LAB SAMPLE I.D.		Ambient Blank	M6-125-01	M6-125-02	M6-125-03	M6-125-04
	CLIENT SAMPLE I.D.		NA	SV-3-3-1V	SV-3-3-3V	SV-3-3-7V	SV-5-3
	DATE SAMPLED		02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
	DATE EXTRACTED		NA	NA	NA	NA	NA
	DATE ANALYZED		02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
	EXTRACTION SOLVENT		NA	NA	NA	NA	NA
	EXTRACTION METHOD		mod. EPA 5030B	mod. EPA 5030B	mod. EPA 5030B	mod. EPA 5030B	mod. EPA 5030B
	DILUTION FACTOR		1	1	1	1	1
COMPOUND	**MDL***	**RL**					
Acetone	2.5	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	*<5.0*
tert-Amyl Methyl Ether (TAME)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Benzene	0.036	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Bromobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Bromochloromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Bromodichloromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Bromoform	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Bromomethane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	*<0.20*
tert-Butanol (TBA)	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
2-Butanone (MEK)	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
n-Butylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
sec-Butylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
tert-Butylbenzene	0.050	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Carbon disulfide	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Carbon tetrachloride	0.025	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Chlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Chloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Chloroform	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Chloromethane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	*<0.20*
2-Chlorotoluene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
4-Chlorotoluene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Dibromochloromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,2-Dibromoethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,2-Dibromo-3-chloropropane	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Dibromomethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,2-Dichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,3-Dichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,4-Dichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Dichlorodifluoromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,1-Dichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,2-Dichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,1-Dichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
cis-1,2-Dichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
trans-1,2-Dichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,2-Dichloropropane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,3-Dichloropropane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
2,2-Dichloropropane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,1-Dichloropropene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
cis-1,3-Dichloropropene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
trans-1,3-Dichloropropene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Diisopropyl Ether (DIPE)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*

ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	MDL*	RL	Ambient Blank	SV-3-3-1V	SV-3-3-3V	SV-3-3-7V	SV-5-3
Ethylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Ethyl tert-Butyl Ether (EtBE)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Hexachlorobutadiene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
2-Hexanone	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Isopropylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
p-Isopropyltoluene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Methylene chloride	2.5	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	*<5.0*
4-Methyl-2-pentanone	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Methyl-tert-butyl ether (MtBE)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Napthalene	0.032	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
n-Propylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Styrene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,1,1,2-Tetrachloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,1,2,2-Tetrachloroethane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	*<0.20*
Tetrachloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Toluene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	**0.05 J**
1,2,3-Trichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,2,4-Trichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,1,1-Trichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,1,2-Trichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Trichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,2,3-Trichloropropane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	*<0.20*
Trichlorofluoromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Trichlorotrifluoroethane	0.25	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2,4-Trimethylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
1,3,5-Trimethylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Vinyl chloride	0.013	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
Xylenes, m-,p-	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	*<0.20*
Xylene, o-	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	*<0.10*
TRACER COMPOUND							
Isopropanol		1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
SURROGATE	**SPK CONC**	**ACP%**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**
Dibromofluoromethane	50	70-130	102	103	103	104	104
Toluene-d8	50	70-130	101	100	102	101	102
Bromofluorobenzene	50	70-130	101	101	100	100	101

*J Flagged results between the MDL and RL are estimated values.

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** M6-125

ANALYTICAL RESULT FOR ORGANICS

Method: mod. EPA 8260B **Reporting Unit:** µg/L of Air

	LAB SAMPLE I.D.		M6-125-05	M6-125-06	M6-125-07	M6-125-08	
	CLIENT SAMPLE I.D.		SV-4-3	SV-1-3	SV-2-3	SV-1-3 Dup	
	DATE SAMPLED		02/15/08	02/15/08	02/15/08	02/15/08	
	DATE EXTRACTED		NA	NA	NA	NA	
	DATE ANALYZED		02/15/08	02/15/08	02/15/08	02/15/08	
	EXTRACTION SOLVENT		NA	NA	NA	NA	
	EXTRACTION METHOD		mod. EPA 5030B	mod. EPA 5030B	mod. EPA 5030B	mod. EPA 5030B	
	DILUTION FACTOR		1	1	1	1	
COMPOUND	**MDL***	**RL**					
Acetone	2.5	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	
tert-Amyl Methyl Ether (TAME)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Benzene	0.036	0.10	*<0.10*	**0.081 J**	*<0.10*	*<0.10*	
Bromobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Bromochloromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Bromodichloromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Bromoform	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Bromomethane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	
tert-Butanol (TBA)	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
2-Butanone (MEK)	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
n-Butylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
sec-Butylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
tert-Butylbenzene	0.050	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Carbon disulfide	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
Carbon tetrachloride	0.025	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Chlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Chloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Chloroform	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Chloromethane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	
2-Chlorotoluene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
4-Chlorotoluene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Dibromochloromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,2-Dibromoethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,2-Dibromo-3-chloropropane	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
Dibromomethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,2-Dichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,3-Dichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,4-Dichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Dichlorodifluoromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,1-Dichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,2-Dichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,1-Dichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
cis-1,2-Dichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
trans-1,2-Dichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,2-Dichloropropane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,3-Dichloropropane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
2,2-Dichloropropane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,1-Dichloropropene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
cis-1,3-Dichloropropene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
trans-1,3-Dichloropropene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Diisopropyl Ether (DIPE)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	

ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	MDL*	RL	SV-4-3	SV-1-3	SV-2-3	SV-1-3 Dup	
Ethylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Ethyl tert-Butyl Ether (EtBE)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Hexachlorobutadiene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
2-Hexanone	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
Isopropylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
p-Isopropyltoluene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Methylene chloride	2.5	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	
4-Methyl-2-pentanone	0.50	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
Methyl-tert-butyl ether (MtBE)	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Napthalene	0.032	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
n-Propylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Styrene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,1,1,2-Tetrachloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,1,2,2-Tetrachloroethane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	
Tetrachloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Toluene	0.05	0.10	*<0.10*	**0.06 J**	*<0.10*	*<0.10*	
1,2,3-Trichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,2,4-Trichlorobenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,1,1-Trichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,1,2-Trichloroethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Trichloroethene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,2,3-Trichloropropane	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	
Trichlorofluoromethane	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Trichlorotrifluoroethane	0.25	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	
1,2,4-Trimethylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
1,3,5-Trimethylbenzene	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Vinyl chloride	0.013	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
Xylenes, m-,p-	0.10	0.20	*<0.20*	*<0.20*	*<0.20*	*<0.20*	
Xylene, o-	0.05	0.10	*<0.10*	*<0.10*	*<0.10*	*<0.10*	
TRACER COMPOUND							
Isopropanol		1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
SURROGATE	**SPK CONC**	**ACP%**	**%RC**	**%RC**	**%RC**	**%RC**	
Dibromofluoromethane	50	70-130	105	105	109	107	
Toluene-d8	50	70-130	101	101	102	101	
Bromofluorobenzene	50	70-130	96	99	99	99	

*J Flagged results between the MDL and RL are estimated values.

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** M6-125

QA/QC REPORT (Continued)

II. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate(LCSD)

DATE PERFORMED: 02/15/08 ANALYTICAL METHOD: mod. EPA 8260B

BATCH #: M68260V141

LAB SAMPLE I.D.: Laboratory Control Sample REPORTING UNITS: µg/L

ANALYTE	SAMPLE RESULT	SPK CONC	LCS	%LCS	SPIKE CONC (DUP)	LCSD	%LCSD	RPD	LCS/LCSD LIMIT	RPD Limit
1,1-Dichloroethene	0.0	50	44.62	89%	50	43.04	86%	3.6%	70-130	25
Benzene	0.0	50	44.72	89%	50	49.53	99%	10.2%	70-130	25
Trichloroethene	0.0	50	48.75	98%	50	53.64	107%	9.6%	70-130	25
Toluene	0.0	50	45.35	91%	50	50.17	100%	10.1%	70-130	25
Chlorobenzene	0.0	50	46.24	92%	50	48.32	97%	4.4%	70-130	25

III. Laboratory Quality Control Check Sample (LCS)

DATE PERFORMED: 02/15/08 ANALYTICAL METHOD: mod. EPA 8260B

STANDARD SUPPLY SOURCE: Centrum Analytical Laboratories DATE OF SOURCE: 01/17/08

INSTRUMENT I.D.: M6GCMS LOT NUMBER: VD-38-02d

LAB LCS I.D.: Laboratory Control Sample REPORTING UNITS: µg/L

ANALYTE	SPIKE CONC	RESULT	% RECOVERY	ACP % REC LIMIT
1,1-Dichloroethene	50	44.62	89%	70-130
Benzene	50	44.72	89%	70-130
Trichloroethene	50	48.75	98%	70-130
Toluene	50	45.35	91%	70-130
Chlorobenzene	50	46.24	92%	70-130

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** M6-125

ANALYTICAL RESULT FOR ORGANICS

Method: EPA 8260B **Reporting Unit:** µg/L

	LAB SAMPLE I.D.		Method Blank	M6-125-09	M6-125-10	M6-125-11	M6-125-12
	CLIENT SAMPLE I.D.		NA	GW-5	GW-8	GW-7	GW-9
	DATE SAMPLED		02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
	DATE EXTRACTED		NA	NA	NA	NA	NA
	DATE ANALYZED		02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
	EXTRACTION SOLVENT		NA	NA	NA	NA	NA
	EXTRACTION METHOD		EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B
	DILUTION FACTOR		1	1	1	1	1
COMPOUND	**MDL***	**RL**					
Acetone	20	50	*<50*	*<50*	*<50*	*<50*	*<50*
tert-Amyl Methyl Ether (TAME)	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Benzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	**0.26 J**	*<0.50*
Bromobenzene	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Bromochloromethane	0.6	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Bromodichloromethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Bromoform	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Bromomethane	1	2.0	*<2.0*	*<2.0*	*<2.0*	*<2.0*	*<2.0*
tert-Butanol (TBA)	4	10	*<10*	*<10*	*<10*	*<10*	*<10*
2-Butanone (MEK)	8	10	*<10*	*<10*	*<10*	*<10*	*<10*
n-Butylbenzene	0.2	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
sec-Butylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
tert-Butylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Carbon disulfide	0.6	10	*<10*	*<10*	*<10*	*<10*	*<10*
Carbon tetrachloride	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Chlorobenzene	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Chloroethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Chloroform	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Chloromethane	0.4	2.0	*<2.0*	*<2.0*	*<2.0*	*<2.0*	**0.47 J**
2-Chlorotoluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
4-Chlorotoluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Dibromochloromethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dibromoethane	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dibromo-3-chloropropane	7	10	*<10*	*<10*	*<10*	*<10*	*<10*
Dibromomethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,3-Dichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,4-Dichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Dichlorodifluoromethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1-Dichloroethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dichloroethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1-Dichloroethene	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
cis-1,2-Dichloroethene	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
trans-1,2-Dichloroethene	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dichloropropane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,3-Dichloropropane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
2,2-Dichloropropane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1-Dichloropropene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
cis-1,3-Dichloropropene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
trans-1,3-Dichloropropene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Diisopropyl Ether (DIPE)	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*

ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	MDL*	RL	Method Blank	GW-5	GW-8	GW-7	GW-9
Ethylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Ethyl tert-Butyl Ether (EtBE)	0.5	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Hexachlorobutadiene	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
2-Hexanone	1	10	*<10*	*<10*	*<10*	*<10*	*<10*
Isopropylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
p-Isopropyltoluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Methylene chloride	4	50	*<50*	*<50*	*<50*	*<50*	*<50*
4-Methyl-2-pentanone	2	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	*<5.0*
Methyl-tert-butyl ether (MtBE)	0.5	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Napthalene	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
n-Propylbenzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Styrene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,1,2-Tetrachloroethane	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,2,2-Tetrachloroethane	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Tetrachloroethene	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	**7.7**
Toluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	**0.35 J**	*<0.50*
1,2,3-Trichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2,4-Trichlorobenzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,1-Trichloroethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,2-Trichloroethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Trichloroethene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2,3-Trichloropropane	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Trichlorofluoromethane	0.6	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Trichlorotrifluoroethane	0.6	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	*<5.0*
1,2,4-Trimethylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,3,5-Trimethylbenzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Vinyl chloride	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Xylenes, m-,p-	0.7	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Xylene, o-	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*

SURROGATE	SPK CONC	ACP%	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	70-130	101	107	109	108	108
Toluene-d8	50	70-130	99	102	101	101	100
Bromofluorobenzene	50	70-130	98	100	100	98	99

*J Flagged results between the MDL and RL are estimated values.

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** M6-125

ANALYTICAL RESULT FOR ORGANICS

Method: EPA 8260B **Reporting Unit:** µg/L

		LAB SAMPLE I.D.	M6-125-13	M6-125-14	M6-125-15	M6-125-16	M6-125-17
		CLIENT SAMPLE I.D.	GW-6	GW-3	GW-2	GW-1	GW-4
		DATE SAMPLED	02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
		DATE EXTRACTED	NA	NA	NA	NA	NA
		DATE ANALYZED	02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
		EXTRACTION SOLVENT	NA	NA	NA	NA	NA
		EXTRACTION METHOD	EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B
		DILUTION FACTOR	1	1	1	1	1
COMPOUND	**MDL***	**RL**					
Acetone	20	50	*<50*	*<50*	*<50*	*<50*	*<50*
tert-Amyl Methyl Ether (TAME)	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Benzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	**0.24 J**	*<0.50*
Bromobenzene	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Bromochloromethane	0.6	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Bromodichloromethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Bromoform	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Bromomethane	1	2.0	*<2.0*	*<2.0*	*<2.0*	*<2.0*	*<2.0*
tert-Butanol (TBA)	4	10	*<10*	*<10*	*<10*	*<10*	*<10*
2-Butanone (MEK)	8	10	*<10*	*<10*	*<10*	*<10*	*<10*
n-Butylbenzene	0.2	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
sec-Butylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
tert-Butylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Carbon disulfide	0.6	10	*<10*	*<10*	*<10*	*<10*	*<10*
Carbon tetrachloride	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Chlorobenzene	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Chloroethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Chloroform	0.3	0.50	*<0.50*	**0.36 J**	*<0.50*	*<0.50*	*<0.50*
Chloromethane	0.4	2.0	*<2.0*	*<2.0*	*<2.0*	*<2.0*	*<2.0*
2-Chlorotoluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
4-Chlorotoluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Dibromochloromethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dibromoethane	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dibromo-3-chloropropane	7	10	*<10*	*<10*	*<10*	*<10*	*<10*
Dibromomethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,3-Dichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,4-Dichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Dichlorodifluoromethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1-Dichloroethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dichloroethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1-Dichloroethene	0.5	0.50	*<0.50*	**15**	*<0.50*	*<0.50*	*<0.50*
cis-1,2-Dichloroethene	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
trans-1,2-Dichloroethene	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2-Dichloropropane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,3-Dichloropropane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
2,2-Dichloropropane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1-Dichloropropene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
cis-1,3-Dichloropropene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
trans-1,3-Dichloropropene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Diisopropyl Ether (DIPE)	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*

ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	MDL*	RL	GW-6	GW-3	GW-2	GW-1	GW-4
Ethylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Ethyl tert-Butyl Ether (EtBE)	0.5	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Hexachlorobutadiene	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
2-Hexanone	1	10	*<10*	*<10*	*<10*	*<10*	*<10*
Isopropylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
p-Isopropyltoluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Methylene chloride	4	50	*<50*	*<50*	*<50*	*<50*	*<50*
4-Methyl-2-pentanone	2	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	*<5.0*
Methyl-tert-butyl ether (MtBE)	0.5	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Napthalene	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
n-Propylbenzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Styrene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,1,2-Tetrachloroethane	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,2,2-Tetrachloroethane	0.3	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Tetrachloroethene	0.4	0.50	**89**	**10**	*<0.50*	*<0.50*	*<0.50*
Toluene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2,3-Trichlorobenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,2,4-Trichlorobenzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,1-Trichloroethane	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,1,2-Trichloroethane	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Trichloroethene	0.3	0.50	*<0.50*	**3.2**	*<0.50*	*<0.50*	*<0.50*
1,2,3-Trichloropropane	0.5	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Trichlorofluoromethane	0.6	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Trichlorotrifluoroethane	0.6	5.0	*<5.0*	*<5.0*	*<5.0*	*<5.0*	*<5.0*
1,2,4-Trimethylbenzene	0.3	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
1,3,5-Trimethylbenzene	0.2	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*
Vinyl chloride	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	**0.72**	*<0.50*
Xylenes, m-,p-	0.7	1.0	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*
Xylene, o-	0.4	0.50	*<0.50*	*<0.50*	*<0.50*	*<0.50*	*<0.50*

SURROGATE	SPK CONC	ACP%	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	70-130	109	112	108	109	110
Toluene-d8	50	70-130	102	102	100	101	102
Bromofluorobenzene	50	70-130	98	98	100	98	96

*J Flagged results between the MDL and RL are estimated values.

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** M6-125

QA/QC REPORT (Continued)

II. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate(LCSD)

DATE PERFORMED: 02/15/08 ANALYTICAL METHOD: mod. EPA 8260B

BATCH #: M68260W141

LAB SAMPLE I.D.: Laboratory Control Sample REPORTING UNITS: µg/L

ANALYTE	SAMPLE RESULT	SPK CONC	LCS	%LCS	SPIKE CONC (DUP)	LCSD	%LCSD	RPD	LCS/LCSD LIMIT	RPD Limit
1,1-Dichloroethene	0.0	50	44.62	89%	50	43.04	86%	3.6%	70-130	25
Benzene	0.0	50	44.72	89%	50	49.53	99%	10.2%	70-130	25
Trichloroethene	0.0	50	48.75	98%	50	53.64	107%	9.6%	70-130	25
Toluene	0.0	50	45.35	91%	50	50.17	100%	10.1%	70-130	25
Chlorobenzene	0.0	50	46.24	92%	50	48.32	97%	4.4%	70-130	25

III. Laboratory Quality Control Check Sample (LCS)

DATE PERFORMED: 02/15/08 ANALYTICAL METHOD: mod. EPA 8260B

STANDARD SUPPLY SOURCE: Centrum Analytical Laboratories DATE OF SOURCE: 01/17/08

INSTRUMENT I.D.: M6GCMS LOT NUMBER: VD-38-02d

LAB LCS I.D.: Laboratory Control Sample REPORTING UNITS: µg/L

ANALYTE	SPIKE CONC	RESULT	% RECOVERY	ACP % REC LIMIT
1,1-Dichloroethene	50	44.62	89%	70-130
Benzene	50	44.72	89%	70-130
Trichloroethene	50	48.75	98%	70-130
Toluene	50	45.35	91%	70-130
Chlorobenzene	50	46.24	92%	70-130

Centrum Analytical Laboratories, Inc.

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Riverside, CA 92507
Voice: 951.779.0310 ● 800.798.9336
Fax: 951.779.0344

3299 Hill Street, Suite 305
Signal Hill, CA 90755
Voice: 562.498.7005
Fax: 562.498.8617

www.centrum-labs.com lab@centrum-labs.com

Chain of Custody Record

Centrum Job # M6-125

7555461

ACCENT BUSINESS FORMS (909) 792-5530

Project No:	Project Name: Residence Inn
Project Manager: Paola Calderon	Phone: 323.278.7700 Fax: 323.278.7707 email: Paola@interphase-inc.com
Client Name: (Report and Billing) Interphase.	Address: (Report and Billing) Note: Reports and Invoice will be sent here 6200 Peachtree Street

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	LUFT Diesel, or EPA 8015B DRO	LUFT Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH), Carbon Chain (specify ranges)	8021B: BTEX/MtBE Only		VOCs: 8260B, or 624	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 625	8081A/8082: Pesticides, or PCBs, or Pest/PCB		Metals: Title 22 (CAM), or RCRA, or PP	Metals: TCLP, STLC	pH, TDS, TSS	418.1 (TRPH), or 413.2, or 1664		Remarks/Special Instructions
1	SV-3-3-1V	2/15/08	830	SV	Goleta	50cc syringe 5 Glass Bulb						X									
2	SV-3-3-3V		845									X									
3	SV-3-3-7V		911									X									
4	SV-5-3		1030									X									
5	SV-4-3		1058									X									
6	SV-1-3		1118									X									
7	SV-2-3		1140									X									
8	SV-1-3 Dup		1215									X									
9	GW-5		1238	W		2 Vocas						X									
10	GW-8		1230	W								X									

1) Relinquished by: (Sampler's Signature)	Date: 2/15/08	Time: 1600	3) Relinquished by:
2) Received by:	Date: 2/15/08	Time: 1600	4) Received by:
			5) Relinquished by:
			6) Received for Laboratory by:

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

Turn-Around Time see note *

- ☐ 24 Hr. RUSH *
- ☐ 48 Hr. RUSH *
- ☐ Normal TAT
- ☒ Other Mobile

* Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

To be completed by Laboratory personnel:

Chilled? ☐ Yes Temp ___C ☒ From Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☒ Hand carried

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator Number: _____

Report Formats: Check all applicable

☐ Paper report ☐ PDF report (Include email address)

☒ LARWQCB ☐ EDF (Include global ID) ☐ EDD (GISKEY) ☐ EDD (Other) *

* with prior approval only

v7.2 8/05 coc-0905.xls

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Centrum Analytical Laboratories, Inc.

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Signal Hill, CA 90755
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Chain of Custody Record

Centrum Job # M6-125

7555461

ACCENT BUSINESS FORMS (909) 792-5530

Project No:	Project Name: Residence Inn
Project Manager: Paola Calderon	Phone: Fax: email:
Client Name: (Report and Billing) Interphase	Address: (Report and Billing) Note: Reports and Invoice will be sent here 6200 Peachtree Street

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	LUFT Diesel, or EPA 8015B DRO	LUFT Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH), Carbon Chain (specify ranges)	8021B: BTEX/MtBE Only		VOCs: 8260B, or 624	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 625	8081A/8082: Pesticides, or PCBs, or Pest/PCB		Metals: Title 22 (CAM), or RCRA, or PP	Metals: TCLP, STLC	pH, TDS, TSS	418.1 (TRPH), or 413.2, or 1664	
11	GW-7	2/15/08	1303	W	Goleta.	2 VOAs						X									
12	GW-9		1509									X									
13	GW-6		1520									X									
14	GW-3		1535									X									
15	GW-2		1540									X									
16	GW-1		1544									X									
17	GW-4		1549									X									

Turn-Around Time see note *

- ☐ 24 Hr. RUSH *
- ☐ 48 Hr. RUSH *
- ☐ Normal TAT
- ☒ Other Mobile

* Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature) Date: 2/15/08 Time: 1600

2) Received by: Date: 2/15/08 Time: 1600

3) Relinquished by: Date: Time:

4) Received by: Date: Time:

5) Relinquished by: Date: Time:

6) Received for Laboratory by: Date: Time:

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

To be completed by Laboratory personnel:

Chilled? ☐ Yes Temp ___C ☒ ~~From~~ Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ ~~Yes~~ ☐ ~~No~~

☐ Courier ☐ UPS/Fed Ex ☒ Hand carried

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator Number: _____

Report Formats: Check all applicable

☐ Paper report ☐ PDF report (include email address)

☒ LARWQCB ☐ EDF (include global ID) ☐ EDD (GISKEY) ☐ EDD (Other) *

* with prior approval only

v7.2 9/05 coc-0905.xls

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

LABORATORY REPORT FORM (COVER PAGE 1)

Laboratory Name:	Microbac Laboratories Inc., Centrum Division
Address:	1401 Research Park Drive, Suite 100, Riverside, CA 92507
Telephone/Fax:	(951) 779-0310/(951) 779-0344
ELAP Certification No./ Expiration Date:	2419 / May 31, 2008
Authorized Signature Name, Title: (print)	Mark B. Horan, Laboratory Director
Signature, Date:	
Laboratory Job Number:	30857
Client Name:	InterPhase
Project Name/No:	Residence Inn
Date(s) Sampled: (from - to)	02/15/08 - 02/15/08
Date(s) Received: (from - to)	02/15/08 - 02/15/08
Date(s) Reported: (from - to)	02/15/08 - 02/20/08
Chain of Custody received:	Yes X No
Comments:	

(RWQCB Lab Form: Ver 6/00)

951•779•0310 or 800•798•9336 fax 951•779•0344
www.centrum-labs.com 1401 Research Park Drive, Suite 100, Riverside, CA 92507

Centrum Analytical Laboratories

Microbac

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

LABORATORY REPORT FORM (COVER PAGE 2)

Laboratory Job Number: 30857

Organic Analyses	# of Samples	# of Samples Subcontracted
	x	0

Sample Condition: Intact

Inorganic Analyses	# of Samples	# of Samples Subcontracted

Sample Condition:

Microbiological Analyses	# of Samples	# of Samples Subcontracted

Sample Condition:

Other Types of Analyses	# of Samples	# of Samples Subcontracted

Sample Condition:

(RWQCB Lab Form: Ver 6/00)

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** 30857

ANALYTICAL RESULT FOR ORGANICS

Method: EPA 8260B **Reporting Unit:** mg/Kg

LAB SAMPLE I.D.		Method Blank	30857-01	30857-02	30857-03	30857-04
CLIENT SAMPLE I.D.		NA	SG-1-3'	SG-2-3'	SG-3-3'	SG-4-3'
DATE SAMPLED		02/19/08	02/15/08	02/15/08	02/15/08	02/15/08
DATE EXTRACTED		NA	NA	NA	NA	NA
DATE ANALYZED		02/19/08	02/19/08	02/19/08	02/19/08	02/19/08
EXTRACTION SOLVENT		NA	NA	NA	NA	NA
EXTRACTION METHOD		mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035
DILUTION FACTOR		1	1	1	1	1
COMPOUND	**RL**					
Acetone	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	*<0.050*
tert-Amyl Methyl Ether (TAME)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Benzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromobenzene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromochloromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromodichloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromoform	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromomethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
tert-Butanol (TBA)	0.020	*<0.020*	*<0.020*	*<0.020*	*<0.020*	*<0.020*
2-Butanone (MEK)	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
n-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
sec-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
tert-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Carbon disulfide	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Carbon tetrachloride	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chloroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Chloroform	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Chloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
4-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dibromochloromethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromoethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromo-3-chloropropane	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Dibromomethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,4-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dichlorodifluoromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,1-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloroethene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
cis-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
trans-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
cis-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
trans-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Diisopropyl Ether (DIPE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*

Centrum Analytical Laboratories

Microbac

ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	RL	Method Blank	SG-1-3'	SG-2-3'	SG-3-3'	SG-4-3'
Ethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Ethyl tert-Butyl Ether (EtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Hexachlorobutadiene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Hexanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Isopropylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
p-Isopropyltoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Methylene chloride	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	*<0.050*
4-Methyl-2-pentanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Methyl-tert-butyl ether (MtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Napthalene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
n-Propylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Styrene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,1,2-Tetrachloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2,2-Tetrachloroethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Tetrachloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Toluene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2,4-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,1,1-Trichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2-Trichloroethane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichloropropane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichlorofluoromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Trichlorotrifluoroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,2,4-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3,5-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Vinyl chloride	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylenes, m-,p-	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylene, o-	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*

SURROGATE	SPK CONC	ACP%	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	70-130	104	104	106	109	107
Toluene-d8	50	70-130	95	93	93	101	93
Bromofluorobenzene	50	70-130	98	97	89	98	95

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** 30857

ANALYTICAL RESULT FOR ORGANICS

Method: EPA 8260B **Reporting Unit:** mg/Kg

LAB SAMPLE I.D.		30857-05	30857-06	30857-08	30857-09	30857-10
CLIENT SAMPLE I.D.		SG-5-3'	GW-5-3'	GW-5-15'	GW-7-3'	GW-7-10'
DATE SAMPLED		02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
DATE EXTRACTED		NA	NA	NA	NA	NA
DATE ANALYZED		02/19/08	02/19/08	02/19/08	02/19/08	02/19/08
EXTRACTION SOLVENT		NA	NA	NA	NA	NA
EXTRACTION METHOD		mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035
DILUTION FACTOR		1	1	1	1	1
COMPOUND	**RL**					
Acetone	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	*<0.050*
tert-Amyl Methyl Ether (TAME)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Benzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromobenzene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromochloromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromodichloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromoform	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromomethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
tert-Butanol (TBA)	0.020	*<0.020*	*<0.020*	*<0.020*	*<0.020*	*<0.020*
2-Butanone (MEK)	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
n-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
sec-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
tert-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Carbon disulfide	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Carbon tetrachloride	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chloroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Chloroform	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Chloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
4-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dibromochloromethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromoethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromo-3-chloropropane	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Dibromomethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,4-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dichlorodifluoromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,1-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloroethene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
cis-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
trans-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
cis-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
trans-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Diisopropyl Ether (DIPE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*

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ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	RL	SG-5-3'	GW-5-3'	GW-5-15'	GW-7-3'	GW-7-10'
Ethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Ethyl tert-Butyl Ether (EtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Hexachlorobutadiene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Hexanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Isopropylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
p-Isopropyltoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Methylene chloride	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	*<0.050*
4-Methyl-2-pentanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Methyl-tert-butyl ether (MtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Napthalene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
n-Propylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Styrene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,1,2-Tetrachloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2,2-Tetrachloroethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Tetrachloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Toluene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2,4-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,1,1-Trichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2-Trichloroethane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichloropropane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichlorofluoromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Trichlorotrifluoroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,2,4-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3,5-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Vinyl chloride	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylenes, m-,p-	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylene, o-	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*

SURROGATE	SPK CONC	ACP%	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	70-130	113	108	107	107	105
Toluene-d8	50	70-130	102	96	96	96	96
Bromofluorobenzene	50	70-130	90	93	98	105	93

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** 30857

ANALYTICAL RESULT FOR ORGANICS

Method: EPA 8260B **Reporting Unit:** mg/Kg

LAB SAMPLE I.D.		30857-11	30857-13	30857-14	30857-17	30857-18
CLIENT SAMPLE I.D.		GW-8-3'	GW-8-15'	GW-9-3'	GW-9-20'	GW-6-3'
DATE SAMPLED		02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
DATE EXTRACTED		NA	NA	NA	NA	NA
DATE ANALYZED		02/19/08	02/19/08	02/19/08	02/19/08	02/19/08
EXTRACTION SOLVENT		NA	NA	NA	NA	NA
EXTRACTION METHOD		mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035
DILUTION FACTOR		1	1	1	1	1
COMPOUND	**RL**					
Acetone	0.050	**0.063**	*<0.050*	*<0.050*	*<0.050*	*<0.050*
tert-Amyl Methyl Ether (TAME)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Benzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromobenzene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromochloromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromodichloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromoform	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromomethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
tert-Butanol (TBA)	0.020	*<0.020*	*<0.020*	*<0.020*	*<0.020*	*<0.020*
2-Butanone (MEK)	0.010	**0.013**	*<0.010*	*<0.010*	*<0.010*	*<0.010*
n-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
sec-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
tert-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Carbon disulfide	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Carbon tetrachloride	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chloroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Chloroform	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Chloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
4-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dibromochloromethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromoethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromo-3-chloropropane	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Dibromomethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,4-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dichlorodifluoromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,1-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloroethene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
cis-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
trans-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
cis-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
trans-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Diisopropyl Ether (DIPE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*

ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	RL	GW-8-3'	GW-8-15'	GW-9-3'	GW-9-20'	GW-6-3'
Ethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Ethyl tert-Butyl Ether (EtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Hexachlorobutadiene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Hexanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Isopropylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
p-Isopropyltoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Methylene chloride	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	*<0.050*
4-Methyl-2-pentanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Methyl-tert-butyl ether (MtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Napthalene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
n-Propylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Styrene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,1,2-Tetrachloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2,2-Tetrachloroethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Tetrachloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Toluene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2,4-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,1,1-Trichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2-Trichloroethane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichloropropane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichlorofluoromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Trichlorotrifluoroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,2,4-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3,5-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Vinyl chloride	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylenes, m-,p-	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylene, o-	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*

SURROGATE	SPK CONC	ACP%	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	70-130	106	109	111	110	118
Toluene-d8	50	70-130	92	97	95	101	104
Bromofluorobenzene	50	70-130	86	93	93	94	96

Centrum Analytical Laboratories

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Project No: Residence Inn **Lab Job No:** 30857

ANALYTICAL RESULT FOR ORGANICS

Method: EPA 8260B **Reporting Unit:** mg/Kg

LAB SAMPLE I.D.		30857-20	30857-21	30857-23	30857-24	30857-27
CLIENT SAMPLE I.D.		GW-6-15'	GW-3-3'	GW-3-15'	GW-2-3'	GW-2-15
DATE SAMPLED		02/15/08	02/15/08	02/15/08	02/15/08	02/15/08
DATE EXTRACTED		NA	NA	NA	NA	NA
DATE ANALYZED		02/19/08	02/19/08	02/19/08	02/19/08	02/19/08
EXTRACTION SOLVENT		NA	NA	NA	NA	NA
EXTRACTION METHOD		mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035
DILUTION FACTOR		1	1	1	1	1
COMPOUND	**RL**					
Acetone	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	*<0.050*
tert-Amyl Methyl Ether (TAME)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Benzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromobenzene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromochloromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromodichloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Bromoform	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Bromomethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
tert-Butanol (TBA)	0.020	*<0.020*	*<0.020*	*<0.020*	*<0.020*	*<0.020*
2-Butanone (MEK)	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
n-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
sec-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
tert-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Carbon disulfide	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Carbon tetrachloride	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Chloroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
Chloroform	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Chloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
4-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dibromochloromethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromoethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dibromo-3-chloropropane	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Dibromomethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,4-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Dichlorodifluoromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,1-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloroethene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
cis-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
trans-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
cis-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
trans-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Diisopropyl Ether (DIPE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*

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ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	RL	GW-6-15'	GW-3-3'	GW-3-15'	GW-2-3'	GW-2-15
Ethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Ethyl tert-Butyl Ether (EtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Hexachlorobutadiene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
2-Hexanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Isopropylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
p-Isopropyltoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Methylene chloride	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	*<0.050*
4-Methyl-2-pentanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	*<0.010*
Methyl-tert-butyl ether (MtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Napthalene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
n-Propylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Styrene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,1,2-Tetrachloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2,2-Tetrachloroethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Tetrachloroethene	0.0010	**0.014**	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Toluene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,2,4-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
1,1,1-Trichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,1,2-Trichloroethane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,2,3-Trichloropropane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*
Trichlorofluoromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Trichlorotrifluoroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
1,2,4-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
1,3,5-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*
Vinyl chloride	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylenes, m-,p-	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*
Xylene, o-	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*

SURROGATE	SPK CONC	ACP%	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	70-130	111	115	118	117	115
Toluene-d8	50	70-130	102	104	103	103	99
Bromofluorobenzene	50	70-130	96	96	97	94	93

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Project No: Residence Inn **Lab Job No:** 30857

ANALYTICAL RESULT FOR ORGANICS

Method: EPA 8260B **Reporting Unit:** mg/Kg

LAB SAMPLE I.D.		30857-28	30857-29	30857-31	30857-32	
CLIENT SAMPLE I.D.		GW-1-3'	GW-1-10'	GW-4-3'	GW-4-10'	
DATE SAMPLED		02/15/08	02/15/08	02/15/08	02/15/08	
DATE EXTRACTED		NA	NA	NA	NA	
DATE ANALYZED		02/19/08	02/19/08	02/19/08	02/19/08	
EXTRACTION SOLVENT		NA	NA	NA	NA	
EXTRACTION METHOD		mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	mod. EPA 5035	
DILUTION FACTOR		1	1	1	1	
COMPOUND	**RL**					
Acetone	0.050	**0.063**	*<0.050*	*<0.050*	*<0.050*	
tert-Amyl Methyl Ether (TAME)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Benzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Bromobenzene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
Bromochloromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
Bromodichloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Bromoform	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
Bromomethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
tert-Butanol (TBA)	0.020	*<0.020*	*<0.020*	*<0.020*	*<0.020*	
2-Butanone (MEK)	0.010	**0.014**	*<0.010*	*<0.010*	*<0.010*	
n-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
sec-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
tert-Butylbenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Carbon disulfide	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	
Carbon tetrachloride	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Chlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Chloroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
Chloroform	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Chloromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
2-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
4-Chlorotoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Dibromochloromethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
1,2-Dibromoethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
1,2-Dibromo-3-chloropropane	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	
Dibromomethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,2-Dichlorobenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,3-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
1,4-Dichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Dichlorodifluoromethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
1,1-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,2-Dichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,1-Dichloroethene	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
cis-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
trans-1,2-Dichloroethene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
1,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,3-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
2,2-Dichloropropane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,1-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
cis-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
trans-1,3-Dichloropropene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Diisopropyl Ether (DIPE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	

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ANALYTICAL RESULT FOR ORGANICS (Continued)

COMPOUND	RL	GW-1-3'	GW-1-10'	GW-4-3'	GW-4-10'	
Ethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Ethyl tert-Butyl Ether (EtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Hexachlorobutadiene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
2-Hexanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	
Isopropylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
p-Isopropyltoluene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Methylene chloride	0.050	*<0.050*	*<0.050*	*<0.050*	*<0.050*	
4-Methyl-2-pentanone	0.010	*<0.010*	*<0.010*	*<0.010*	*<0.010*	
Methyl-tert-butyl ether (MtBE)	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Napthalene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
n-Propylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Styrene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,1,1,2-Tetrachloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,1,2,2-Tetrachloroethane	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Tetrachloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Toluene	0.0010	**0.0010**	*<0.0010*	*<0.0010*	*<0.0010*	
1,2,3-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
1,2,4-Trichlorobenzene	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
1,1,1-Trichloroethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,1,2-Trichloroethane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	
Trichloroethene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,2,3-Trichloropropane	0.0030	*<0.0030*	*<0.0030*	*<0.0030*	*<0.0030*	
Trichlorofluoromethane	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Trichlorotrifluoroethane	0.0050	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	
1,2,4-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
1,3,5-Trimethylbenzene	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	
Vinyl chloride	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Xylenes, m-,p-	0.0020	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	
Xylene, o-	0.0010	*<0.0010*	*<0.0010*	*<0.0010*	*<0.0010*	

SURROGATE	SPK CONC	ACP%	%RC	%RC	%RC	%RC	
Dibromofluoromethane	50	70-130	114	115	118	115	
Toluene-d8	50	70-130	101	103	103	102	
Bromofluorobenzene	50	70-130	90	95	95	92	

Centrum Analytical Laboratories

Microbac

Project No: Residence Inn **Lab Job No:** 30857

QA/QC REPORT (Continued)

II. Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

DATE PERFORMED: 02/19/08 ANALYTICAL METHOD: EPA 8260B

BATCH #: MS58260S461

LAB SAMPLE I.D.: SG-1-3' REPORTING UNITS: mg/Kg

ANALYTE	SAMPLE RESULT	SPK CONC	MS	%MS	SPIKE CONC (DUP)	MSD	%MSD	RPD	MS/MSD LIMIT	RPD Limit
1,1-Dichloroethene	0.0	0.050	0.04492	90%	0.050	0.04628	93%	3.0%	70-130	25
Benzene	0.0	0.050	0.04282	86%	0.050	0.04416	88%	3.1%	70-130	25
Trichloroethene	0.0	0.050	0.04881	98%	0.050	0.05018	100%	2.8%	70-130	25
Toluene	0.0	0.050	0.04698	94%	0.050	0.04566	91%	2.8%	70-130	25
Chlorobenzene	0.0	0.050	0.04718	94%	0.050	0.04691	94%	0.6%	70-130	25

III. Laboratory Quality Control Check Sample (LCS)

DATE PERFORMED: 02/19/08 ANALYTICAL METHOD: EPA 8260B

STANDARD SUPPLY SOURCE: Centrum Analytical Laboratories DATE OF SOURCE: 02/14/08

INSTRUMENT I.D.: GCMS5 LOT NUMBER: VD-41-02F

LAB LCS I.D.: Laboratory Control Sample REPORTING UNITS: mg/Kg

ANALYTE	SPIKE CONC	RESULT	% RECOVERY	ACP % REC LIMIT
1,1-Dichloroethene	0.050	0.05114	102%	70-130
Benzene	0.050	0.05240	105%	70-130
Trichloroethene	0.050	0.05419	108%	70-130
Toluene	0.050	0.05438	109%	70-130
Chlorobenzene	0.050	0.05504	110%	70-130

Centrum Analytical Laboratories

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Project No: Residence Inn **Lab Job No:** 30857

QA/QC REPORT (Continued)

II. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate(LCSD)

DATE PERFORMED: 02/20/08 ANALYTICAL METHOD: EPA 8260B

BATCH #: MS58260S462

LAB SAMPLE I.D.: Laboratory Control Sample REPORTING UNITS: mg/Kg

ANALYTE	SAMPLE RESULT	SPK CONC	LCS	%LCS	SPIKE CONC (DUP)	LCSD	%LCSD	RPD	LCS/LCSD LIMIT	RPD Limit
1,1-Dichloroethene	0.0	0.050	0.05851	117%	0.050	0.04878	98%	18.1%	70-130	25
Benzene	0.0	0.050	0.05750	115%	0.050	0.04616	92%	21.9%	70-130	25
Trichloroethene	0.0	0.050	0.06288	126%	0.050	0.04923	98%	24.4%	70-130	25
Toluene	0.0	0.050	0.05642	113%	0.050	0.04534	91%	21.8%	70-130	25
Chlorobenzene	0.0	0.050	0.06112	122%	0.050	0.04826	97%	23.5%	70-130	25

III. Laboratory Quality Control Check Sample (LCS)

DATE PERFORMED: 02/20/08 ANALYTICAL METHOD: EPA 8260B

STANDARD SUPPLY SOURCE: Centrum Analytical Laboratories DATE OF SOURCE: 02/14/08

INSTRUMENT I.D.: GCMS5 LOT NUMBER: VD-41-02F

LAB LCS I.D.: Laboratory Control Sample REPORTING UNITS: mg/Kg

ANALYTE	SPIKE CONC	RESULT	% RECOVERY	ACP % REC LIMIT
1,1-Dichloroethene	0.050	0.05851	117%	70-130
Benzene	0.050	0.05750	115%	70-130
Trichloroethene	0.050	0.06288	126%	70-130
Toluene	0.050	0.05642	113%	70-130
Chlorobenzene	0.050	0.06112	122%	70-130

Chain of Custody Record

Centrum Analytical Laboratories, Inc.

1401 Research Park Drive, Suite 100
Riverside, CA 92507
Voice: 951.779.0310 ● 800.798.9336
Fax: 951.779.0344

3299 Hill St., Suite 30
Signal Hill, CA 90755
Voice: 562.498.7005
Fax: 562.498.8617

www.centrum-labs.com lab@centrum-labs.com

RUSH

Centrum Job # 30857

Page 1 of 4

Project No:	Project Name: Residence Inn
Project Manager: DIANE HENRY	Phone: 9492804202 Fax: email: dianekhenry@cox.net
Client Name: (Report and Billing) HAZARD MANAGEMENT	Address: (Report and Billing) Note: Reports and Invoice will be sent here 211 W. Avenida Cordoba Suite 200 San Clemente CA 92672

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	LUFT Diesel, or EPA 8015B DRO	LUFT Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH), Carbon Chain (specify ranges)	8021B: BTEX/MtBE Only	VOCs: 8260B, or 624	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 625	8081A/8082: Pesticides, or PCBs, or Pest/PCB	Metals: Title 22 (CAM), or RCRA, or PP	Metals: TCLP, STLC	pH, TDS, TSS	418.1 (TRPH), or 413.2, or 1664	Remarks/Special Instructions
1	SG-1-3'	2-15-2008	10:20	SOIL		Plastic Tube					X								
2	SG-2-3'		10:40			"					X								(Sample seems Tarry)
3	SG-3-3'		7:50			Jar					X								
4	SG-4-3'		10:05			Plastic Tube					X								
5	SG-5-3'		9:50			Jar					X								
6	GW-5-3'		7:50			Plastic Tube					X								
7	GW-5-10'		8:10																Hold
8	GW-5-15'		8:35								X								
9	GW-7-3'		11:10								X								
10	GW-7-10'		11:20								X								

Turn-Around Time (see note *)

- ☒ 24 Hr. RUSH *
- ☐ 48 Hr. RUSH *
- ☐ Normal TAT
- ☐ Other _____

* Requires PRIOR approval, additional charges apply

Requested due date: _____

1) Relinquished by: (Sampler's Signature)	Date: 2-15-2008	Time: 1534	3) Relinquished by:
2) Received by:	Date: 2/15/08	Time: 1535	4) Received by:
			5) Relinquished by:
			6) Received for Laboratory by:

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by Laboratory personnel:

Chilled? ☐ Yes Temp ___C ☒ From Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☒ Hand carried

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator Number: _____

Laboratory Notes:

Report Formats: Check all applicable

☐ Paper report ☐ PDF report (include email address)

☐ LARWQCB ☐ EDF (include global ID) ☐ EDD (GISKEY) ☐ EDD (Other) *

* with prior approval only

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Voice: 562.498.7005
Fax: 562.498.8617

www.centrum-labs.com lab@centrum-labs.com

Chain of Custody Record

RUSH

Centrum Job # 30857

Project No:	Project Name: Residence Inn
Project Manager: DIANE HENRY	Phone: 949 280 4202 Fax: email: dianek henry@cox.net
Client Name: (Report and Billing) HAZARD MANAGEMENT	Address: (Report and Billing) Note: Reports and Invoice will be sent here 211 W Avenida Cordoba Suite 10 San Clemente CA 92672

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type
11	GW-8-3'	2-15-2005	9:10	SOIL		Plastic Tube
12	GW-8-10'		9:20			
13	GW-8-15'		9:30			
14	GW-9-3'		11:40			
15	GW-9-10'		11:55			
16	GW-9-15'		12:05			
17	GW-9-20'		12:15			
18	GW-6-3'		13:10			
19	GW-6-10'		13:20			
20	GW-6-15'		13:30			

Please Circle Analyses Requested

LUFT Diesel, or EPA 8015B DRO	LUFT Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH), Carbon Chain (specify ranges)	8021B: BTEX/MtBE Only		VOCs: 8260B, or 624	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 625	8081A/8082: Pesticides, or PCBs, or Pest/PCB		Metals: Title 22 (CAM), or RCRA, or PP	Metals: TCLP, STLC	pH, TDS, TSS	418.1 (TRPH), or 413.2, or 1664	
					X									
														hold
					X									
					X									
														hold
														hold
					X									
					X									
														hold
					X									

Turn-Around Time see note *

- ☒ 24 Hr. RUSH *
- ☐ 48 Hr. RUSH *
- ☐ Normal TAT
- ☐ Other _____

* Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature)	Date: 2-15-2005	Time: 1534	3) Relinquished by:	Date:	Time:
2) Received by:	Date: 2/15/05	Time: 1535	4) Received by:	Date:	Time:
			5) Relinquished by:	Date:	Time:
			6) Received for Laboratory by:	Date:	Time:

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by Laboratory personnel:

Chilled? ☐ Yes Temp ___C ☒ From Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☒ Hand carried

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator Number: _____

Laboratory Notes:

Report Formats: Check all applicable

☐ Paper report ☐ PDF report (include email address)

☐ LARWQCB ☐ EDF (include global ID) ☐ EDD (GISKEY) ☐ EDD (Other) *

* with prior approval only

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www.centrum-labs.com lab@centrum-labs.com

Chain of Custody Record

RUSH

Centrum Job # 30857

Project No:	Project Name: Residence Inn
Project Manager: DIANE HENRY	Phone: 9492804202 Fax: email: dianekhenry@cox.net
Client Name: (Report and Billing) HAZARD Management	Address: (Report and Billing) Note: Reports and Invoice will be sent here 211 W. Avenida Cordoba San Clemente CA 92672

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	LUFT Diesel, or EPA 8015B DRO	LUFT Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH), Carbon Chain (specify ranges)	8021B: BTEX/MtBE Only		VOCs: 8260B, or 624	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 625	8081A/8082: Pesticides, or PCBs, or Pest/PCB		Metals: Title 22 (CAM), or RCRA, or PP	Metals: TCLP, STLC	pH, TDS, TSS	418.1 (TRPH), or 413.2, or 1664		Remarks/Special Instructions
21	GW-3-3'	2-15-2006	1345	Soil		Plastic Tubes						X										
22	GW-3-10'		1355																			hold
23	GW-3-15'		1405									X										
24	GW-2-3'		1420									X										
25	GW-2-10'		1425									X		dup								hold
26	~~GW-2-15'~~		~~1435~~																			
27	GW-2-15'		1435									X										
28	GW-1-3'		1445									X										
29	GW-1-10'		1455									X										
30																						

Please Circle Analyses Requested

Turn-Around Time see note *
- ☒ 24 Hr. RUSH *
- ☐ 48 Hr. RUSH *
- ☐ Normal TAT
- ☐ Other _____

* Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

	Date:	Time:
1) Relinquished by: (Sampler's Signature) Diane Henry	2-15-2006	1534
2) Received by:	2/15/06	1535
3) Relinquished by:		
4) Received by:		
5) Relinquished by:		
6) Received for Laboratory by:		

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

To be completed by Laboratory personnel:
- Chilled? ☐ Yes Temp ___C ☒ From Field
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☒ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal
- Sample Locator Number: _____

Report Formats: Check all applicable
- ☐ Paper report ☐ PDF report (Include email address)
- ☐ LARWQCB ☐ EDF (Include global ID) ☐ EDD (GISKEY) ☐ EDD (Other) *

* with prior approval only

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White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
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Fax: 562.498.8617

www.centrum-labs.com lab@centrum-labs.com

Chain of Custody Record

RUSH

Centrum Job # 30857

Project No:	Project Name: Residence Inn
Project Manager: Diane Henry	Phone: 9492804202 Fax:
Client Name: (Report and Billing) HAZARD MGT	email: dianekhenry@cox.net
	Address: (Report and Billing) Note: Reports and Invoice will be sent here 211 W Avenida Cordoba San Clemente CA 926?2

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type
	~~SG-4-3'~~					
31	GW-4-3'	2-15-2008	15:15	soil		acrylic tube
32	GW-4-10'	"	15:20	"		"

Please Circle Analyses Requested

LUFT Diesel, or EPA 8015B DRO	LUFT Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH), Carbon Chain (specify ranges)	8021B: BTEX/MtBE Only		VOCs: 8260B or 624	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 625	8081A/8082: Pesticides, or PCBs, or Pest/PCB		Metals: Title 22 (CAM), or RCRA, or PP	Metals: TCLP, STLC	pH, TDS, TSS	418.1 (TRPH), or 413.2, or 1664	
					X									
					X									

Turn-Around Time see note *

- [X] ~~24 Hr. RUSH *~~
- [ ] 48 Hr. RUSH *
- [ ] Normal TAT
- [ ] Other _____

* Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature) Diane Henry — Date: 2-15-2008 Time: 1534

2) Received by: [signature] — Date: 2/15/08 Time: 1536

3) Relinquished by: — Date: Time:

4) Received by: — Date: Time:

5) Relinquished by: — Date: Time:

6) Received for Laboratory by: — Date: Time:

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

To be completed by Laboratory personnel:

Chilled? ☐ Yes Temp ___C ☒ From Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☒ Hand carried

Sample Disposal

- [ ] Client will pick up
- [ ] Return to client
- [ ] Lab disposal

Sample Locator Number: _____

Report Formats: Check all applicable

☐ Paper report ☐ PDF report (Include email address)

☐ LARWQCB ☐ EDF (Include global ID) ☐ EDD (GISKEY) ☐ EDD (Other) *

* with prior approval only

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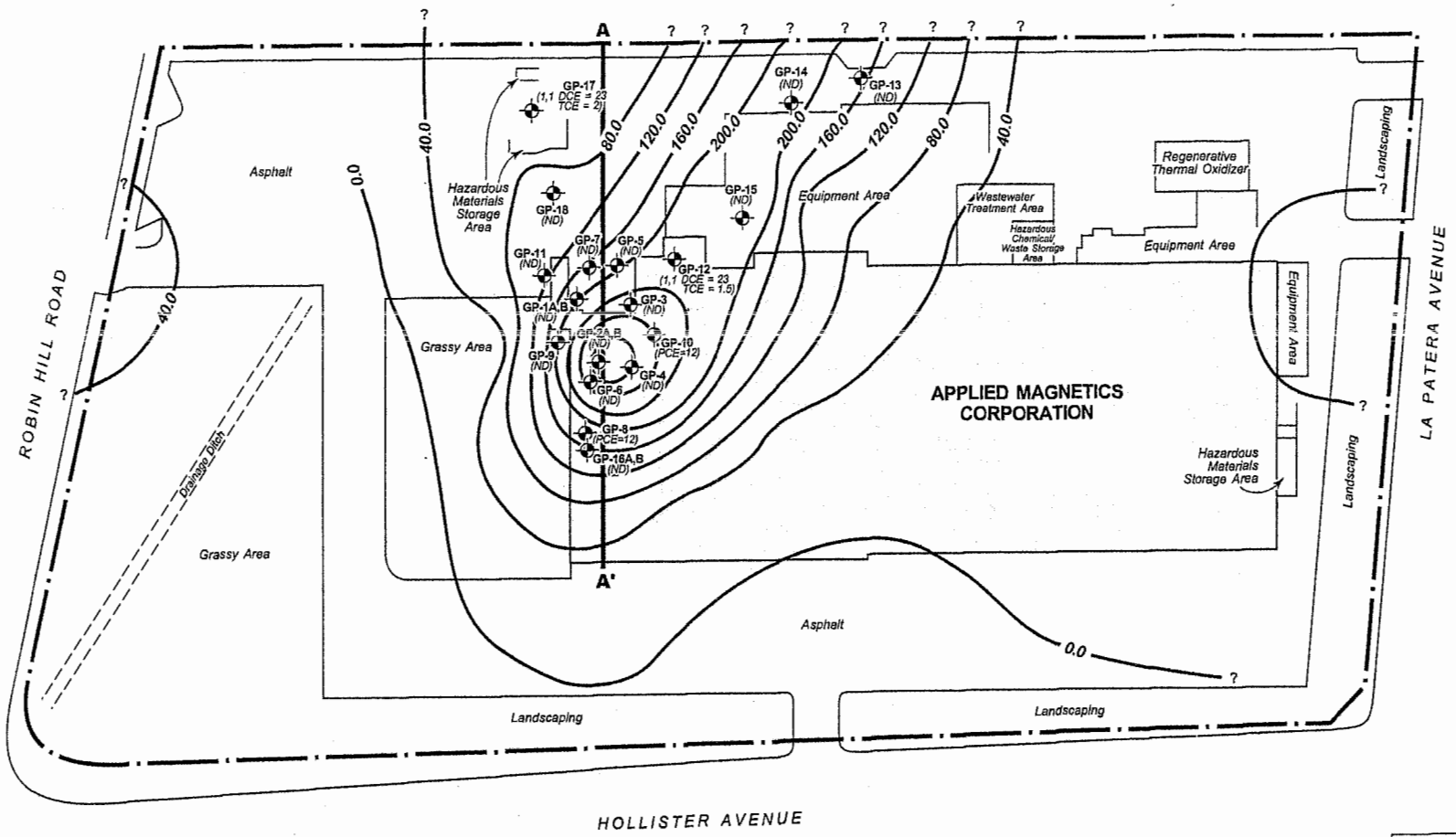
White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

APPENDIX C

SUPPLEMENTAL DOCUMENTATION

T:\Add\Applied\Magnetic



Legend

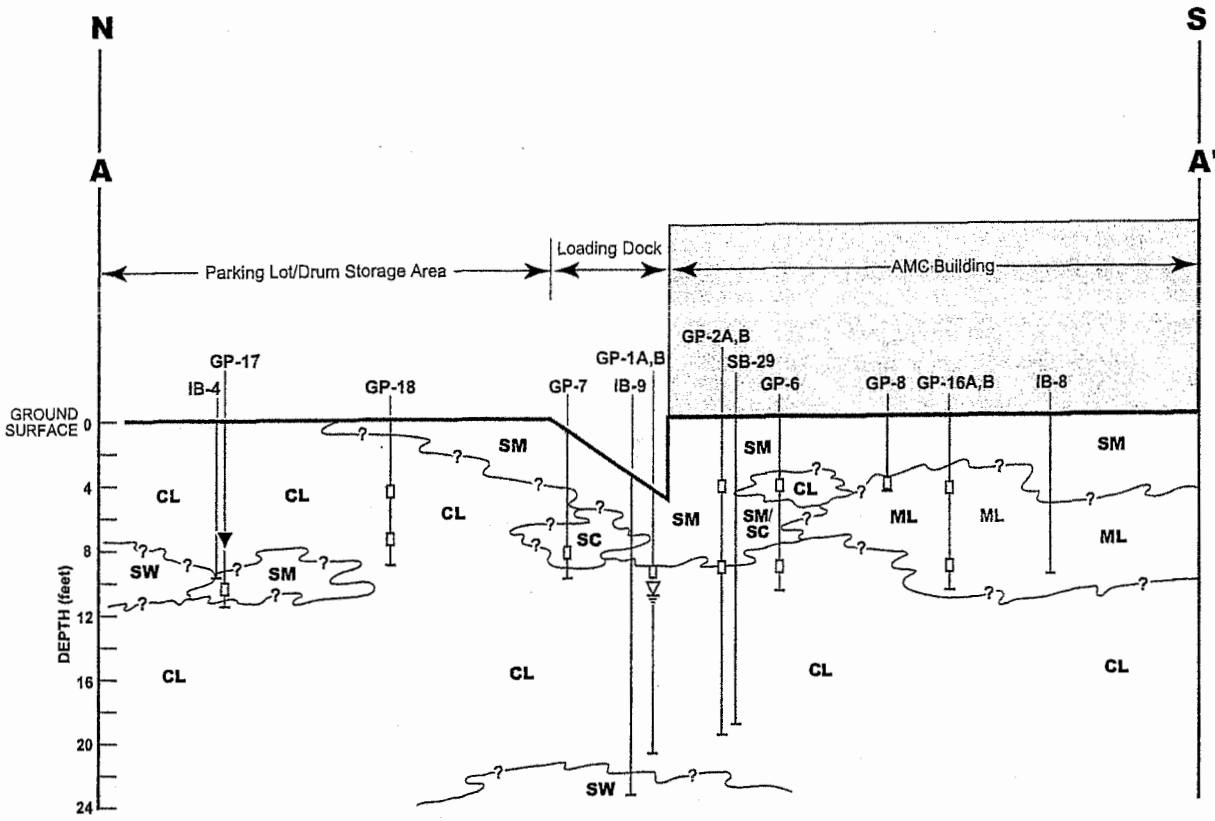
- URS Soil Gas Sampling Location with Total VOC Concentrations (µg/ℓ) in Vapor
- 40 — Groundwater Total VOC Isoconcentration (AES, 2001)
- Property Boundary
- A — A' Line of Cross Section

N

0' 80 160

Scale in Feet)

Applied Magnetics Corporation **URS Corporation**	Figure 2. **SOIL GAS SAMPLING LOCATIONS** 6300 Hollister Avenue Goleta, California	July 2001



Legend

GP-8	URS Geoprobe Location
IB-4	Metcalf & Eddy Geoprobe Location
SB-29	AES Geoprobe Location
CL	Inorganic Clays, Sandy Clays
ML	Inorganic Silts and Very Fine Sand, Clayey
SM	Silty Sands, Sand-Silt Mixture
SW	Well-Graded Sands, Gravelly Sands, Little or NO Fines
SC	Clayey Sands, Sand-Clay Mixture
▽	Groundwater Static Level
▼	First Groundwater Encountered with Geoprobe
⊓	Soil Matrix Collection Location
GP-1A, GP2A	Continuously Cored
GP-1B, GP2B	Sampled at Specific Intervals

Horizontal Scale in Feet)
0' 40 80
0' 8 16
Vertical Exaggeration = 10X in Feet

Applied Magnetics Corporation **URS Corporation**	Figure 3. NORTH-SOUTH CROSS SECTION A-A' 6300 Hollister Avenue Goleta, California	July 2001